

Motor Road Service in Kyiv Region

Approved
by the decision of the bid committee
Protocol № 04
dated «24» December 2021

**REDRAFTED TENDER DOCUMENTATION
for competitive selection of the contractor**

**A Large ring motor road construction around Kyiv city on section from motor road Kyiv –
Kovel – Yahodyn (M-07) to motor road Kyiv – Chop (M-06) (Kyiv Region)**

Kyiv - 2021

№	Chapter 1. General information on competitive selection and selection process	
1.1	Terms that are used in the bid documentation	Customer - Motor Road Service in Kyiv Region. Electronic selection office - information and telecommunication system (module), which has a comprehensive information security system and provides registration of persons, automatic placement, receipt and transmission of information and documents during the selection, use of services with automatic exchange of information accessed by means of the Internet, developed for conducting the Competitive selection under the conditions determined by this Bid documentation. Bid selection - a procedure which consists of 3 stages, and in result of this is work contract conclusion on the object " A Large ring motor road construction around Kyiv city on section from motor road Kyiv – Kovel – Yagodin (M-07) to motor road Kyiv – Chop (M-06) (Kyiv Region)" under the conditions specified in this Bid documentation. Bid proposal - submission of the proposal that is submitted by the Bidder to the Customer in accordance with the terms of this Bid documentation, which includes the expression of interest in the first stage, as well as the qualification and commercial part. Bid committee - current temporary authority established by the Customer for conducting the Bid Selection. Bid documentation - documentation on the conditions of the Bid selection, which is developed and approved by the Customer and published for free access in the electronic selection office. Selection winner – the participant, whose bid proposal is the most profitably economical and corresponds to all the requirements of Customer`s Bid documentation. Participant - legal entity (resident and/or a non resident including unification) of any form of ownership and all organizational and legal forms.
1.2	The procedure for Bid selection	Bid selection of work performance is carried out in 3 (three) stages: I - expression of interest; II - submission of qualification proposals by the Participants admitted for the results of the 1st stage; III - evaluation of commercial proposals of the Participants admitted for the results of the 2nd stage.
1.3	Information about the currency in which the price of the commercial offer should be calculated and indicated	The currency of the commercial offer is the hryvnia (UAN). Settlements should be made in the national currency of Ukraine in accordance with the Works Agreement. The Participant determines the price for the work he proposes to perform under the Contract, taking into account all his costs, taxes and fees paid or to be paid.
1.4	Non-discrimination of participants	Participants (residents and non-residents) of all forms of ownership and organizational and legal forms participate in the Competitive selection on equal terms. The Customer provides free access of all participants to the information on the competitive selection by publishing news on each of the stages of selection and communication with participants through the Electronic Selection Cabinet. Non-resident participants, as part of the Bid committee, submit documents required by the legislation of the country where they are registered and / or carry out their business (analogues of documents) and an explanatory note indicating the name of the document / information provided by the Bid documentation submitted as part of the proposal. If the non-resident Participant has a document required in the Bid

		documentation, due to the fact that having received it not provided by law, registered and / or has its own business, in this situation the Non-resident Participant must provides an explanatory note stating the reasons that arose in his document, which require the Bid documentation, reference to the provisions of national law (legal act, case law, etc.) that is registered, including the requirement to obtain such a document.
1.5	Information about the language (s) in which the expressions of interest and proposals of the participants should be made	All documents prepared directly by the Participant must be written in Ukrainian. If a document in a language other than Ukrainian is submitted as part of the request for interest or proposal, the participant shall additionally provide a translation of this document into Ukrainian with a notarized signature of the translator. Standard characteristics, names of brands and models, symbols in the form of abbreviations and terminology related to goods, works or services provided by existing international or national standards, norms and rules set out in the language of their common application do not need to be translated into Ukrainian. ; information if the use of letters and symbols of the Ukrainian language leads to their distortion (including, but not limited to, Internet addresses, e-mail addresses, trademarks (marks for goods and services), generally accepted international terms, etc.). The texts must be authentic, the defining text is in Ukrainian. The Customer does not allow the Participant to the competitive selection / rejects his proposals, if the application for interest / proposal of such participant is presented in a language other than the language (languages) required by the Tender documentation. Regarding the submission by participants of expressions of interest and proposals of official documents drawn up in a foreign language: to confirm the authenticity of the original official documents provided in the application of interest and proposals of the participant, and in order to use them in Ukraine, the documents must be legalized in the prescribed manner or certified with a special stamp "Apostille", unless there are agreements between two or more States which repeal or simplify the said procedure or exempt the document itself from legalization. The documents are legalized by the Participants of the competitive selection - foreign business entities as follows: a) under the simplified procedure for affixing an Apostille in accordance with Articles 3 and 4 of the Hague Convention of 5 October 1961 or b) under the consular legalization procedure in accordance with the 1963 Vienna Convention on Consular Relations or c) notarized in accordance with Chapter 11 of the Law of Ukraine "On Notaries" (if the document does not require legalization in accordance with an international agreement (convention, etc.) between Ukraine and the bidder) and in this case a letter is provided. clarification, drawn up in any form, signed by the authorized person of the bidder and stamped (if any), with reference to the relevant international agreement (convention, etc.) between Ukraine and the country of the bidder, according to which the document does not require legalization. In the event that the Participants submit to the application for interest or proposals of official documents that do not meet the requirements of this paragraph, the Customer shall not admit the participant to the competitive selection or reject his proposals.

1.6	Offer security	The Bidder's Bid must include a document confirming the Bidder's provision of the Bid, which must be provided in the form of an electronic bank guarantee (hereinafter - the bank guarantee) with a qualified electronic signature of the guarantor (hereinafter - the guarantor) in accordance with the requirements of the current legislation. The bank guarantee provided by a resident bank of Ukraine must be issued in compliance with the resolution of the NBU Board of 15.12.2004 № 639 "On approval of the regulations on the procedure for banks to carry out operations on guarantees in national and foreign currencies". The banking institution that issued the electronic guarantee must have a valid banking license (issued by the NBU), which is provided as part of the Bidder's proposal. The authority of the person signing the bank guarantee must be confirmed by a relevant document (if the signatory is not the chairman of the board). The bank guarantee provided by a non-resident bank and attached by the Bidder to its Bid must be issued in accordance with the unified rules governing the use of the instrument and officially issued by the International Chamber of Commerce (Uniform Rules for Demand Guarantees, ICC Publication 758 - URDG758 or International Standby Practices, IC Publication 590 - ISP98). The bank guarantee provided by the non-resident bank must be advised through the advising bank, which is a resident of Ukraine. As part of the Bid, the Bidder submits a document confirming the advising of the bank guarantee provided by the non-resident bank, carried out by the advising resident bank in electronic form, with the obligatory imposition of the EDS of the advising bank. The amount of the Bid security is 1 % of the expected cost of works. The term of validity of the tender offer (the term of the bank guarantee) is not less than 90 calendar days from the date of the deadline for submission of the application for expression of interest. The guarantee should provide only for the possibility of payment of the full amount for which it is issued (partial payments are prohibited). The text of the bank guarantee must contain a reference to the details of the Competitive Selection, its name and a reference to the announcement of the start of the competitive selection of A Large ring motor road construction around Kyiv city on section from motor road Kyiv – Kovel – Yagodin (M-07) to motor road Kyiv – Chop (M-06) (Kyiv Region) and should be indicated: - Obligation of the Guarantor Bank to pay the guarantee amount to the Customer in a single payment within 5 banking days from the date of receipt of the Customer's claims without submitting any other documents or fulfilling any other conditions; - The terms of the bank guarantee cannot be changed and it cannot be terminated by the Guarantor Bank, including according to the Participant's application, without the consent of the Customer, after its transfer / sending to the Customer. The bank guarantee must be issued with full cash coverage for the entire term of such guarantee. To confirm the availability of cash coverage, a certificate from the bank on the balance of the account issued by the Guarantor Bank, certified by the seal of the Guarantor Bank and signed by an authorized person of such Guarantor Bank with confirmation of the authority of such Authorized Person from the Guarantor Bank. Cash coverage provides for the write-off (transfer) of funds from the current account of the Participant to the coverage account under a bank
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		guarantee. It is prohibited to provide guarantees on the terms of transfer of funds to the deposit account. Cash coverage cannot be used as collateral for any other financial obligations. The tender offer which will include a bank guarantee that does not meet the conditions of this Tender Documentation will be rejected by the Customer. <u>Customer details:</u> Motor Road Service in Kyiv Region Sviatoslava Horobrogo (Narodnogo Opolcheniya) street, 11A, Kyiv, 03151 EDPNOU: 26345736 IBAN: UA718201720355129005000014348 in Treasury of Ukraine, Kyiv BIC 820172
1.7	Terms and conditions for repayment or non-repayment of the procurement of Bid proposal	The procurement of Bid proposal must be returned to the Bidder within five banking days from the date of occurrence of the grounds for the return of such security in the case of: 1) expiration of the Tender Proposal and provision of the Proposal specified in the Tender Documentation; 2) concluding an agreement on the performance of works with the Participant who became the winner of the Competitive selection; 3) withdrawal of the proposal before the deadline for its submission. Securing the offer to confirm the qualification requirements is not refundable in the case of: 1) withdrawal of the Bid by the Bidder after the deadline for its submission, but before the expiration of the period during which the Bid is considered valid; 2) non-signing of the contract on performance of works with the participant who became the winner of competitive selection. At the request of the Bidder who has been provided with the Bid Security, the Customer shall notify the institution that issued such a guarantee to the Bidder of the grounds for return of the Bid Security within five days from the date of one of the grounds for return of the Bid Security.
1.8	Duration of Bid proposal	Bid proposal are considered valid for 90 (ninety) days from the date of the deadline for submission of expressions of interest.
1.9	Legislative changes or the statement of withdrawal of Bid proposal	The bidder has the right to make changes to its Bid or withdraw it before the deadline for submission of applications for expressions of interest without losing its security of the Bid. Such changes or the application for withdrawal of the Bid shall be taken into account if they are received by the Electronic Selection Office before the deadline for submission of applications for expressions of interest.
1.10	Providing of explanations of Bid documentation	The Bidder has the right to apply to the Customer through the electronic selection office for clarifications on the terms of the Bidding Documents during the entire period of submission of the Bid Proposals. All requests for clarifications are automatically published in the electronic selection office without identifying the person who contacted

		the customer. The customer must within 2 (two66) working day from the date of receipt in the electronic selection office provide an explanation of the application and publish it in the electronic system. In case of incorrect operation of the Participant's e-mail server, the Customer is not responsible for the Participant's failure to receive e-mails from the Customer.
1.11	Modification of Bid documentation	The Customer has the right on its own initiative and / or based on the results of consideration of applications of potential Participants, to make changes to the Bid documentation. In case of such changes, the deadline for submission of applications for expressions of interest or proposals is extended by the Customer in the Electronic Selection Office so that from the moment of amendments to the tender documentation until the deadline for submission of applications for interest (proposals) there are at least three working days. Changes made by the Customer to the tender documentation are posted and displayed in the Electronic Selection Office by publishing the relevant changes together with the comparative table in addition to the initial version of the tender documentation.
1.12	The selection is considered to be dismissed	The selection is considered to be dismissed on condition of: - lack of submitted proposals; - rejection of all proposals to the third stage; - no further need for selection; - impossibility of conducting the Selection as a result of force majeure (force majeure), the occurrence of which was confirmed by the Chamber of Commerce and Industry of Ukraine; - not concluding a contract through the fault of the winner.
Chapter 2. Information about the Customer		
2.1	The full name	Motor Road Service in Kyiv Region
2.2	Location	03151, Kyiv, Sviatoslava Horobrogo (Narodnogo Opolcheniya) street, 11A
2.3	Responsible person of the Customer	Polyakova Kateryna - deputy chief and responsible person Contact telephone: +38 (044) 249-87-00 E-mail: sadkotender@gmail.com
Chapter 3. Construction object information		
3.1	Title object	A Large ring motor road construction around Kyiv city on section from motor road Kyiv – Kovel – Yagodin (M-07) to motor road Kyiv – Chop (M-06) (Kyiv Region).
3.2	Location of work performance	Motor road in public use on section from motor road Kyiv – Kovel – Yagodin (M-07) to motor road Kyiv – Chop (M-06). The beginning of the route PC 0 + 00, taken 1000 meters in the direction of the motor road Kyiv - Ivankiv - Ovruch (R-02) from the intersection with the existing motor road Kyiv - Kovel - Yagodyn (M-07) at km 41 + 737 along the axis. The end of the route route PC 198 + 78 is accepted on km 36 + 000 on an axis of the motor road Kyiv - Chop (M-06).
3.3	Terms of work performance	till 01.03.2028

3.4	Basic technical parameters of the object	The motor road category is: Ia. Construction length - 18,050 km. Number of man-made structures - 9 grand, of which: - bridges - 2 grand; - overpasses - 6 grand; - flyover - 1 grand. Other technical parameters and capacity of the object are determined by the design documentation.
3.5	Work volumes	Work volumes according to the technical assignment, Annex № 1 to this Bid documentation.
Chapter 4. Instruction on preparation of the Bid proposal and conditions of competitive Bid selection		
4.1	Stage I. Interest expression	At the first stage, the Participant submits an Application for expression of interest in electronic form through the electronic selection office by filling in the established electronic forms with separate fields, which indicate information about: - general information about the Participant; - information on the authorized person of the Participant; When submitting a proposal at the first stage, the Bidder must download a "Resume" about the company, which will contain information about the existing experience of work for the last 5 years on new construction of public roads of national importance at similar facilities with technical parameters, not worse than specified in Section 3 of this Tender Documentation, equipment, material and technical base and technologies required to perform the work and qualified personnel. The Participant has the right to provide the Customer with any other additional information about himself that will help the Customer to get acquainted with its activities. Additionally, the Bidder must download the constituent documents (charter or other constituent document, extract from the register of legal entities, certificate of taxpayer, etc.), as well as documents confirming the right to sign the Bid). A non-resident Member shall submit the constituent documents in accordance with the requirements of the legislation of the country of registration of such Member. Companies that are not allowed to participate in the Competitive Selection are: 1) on the date of filing the application declared bankrupt or in respect of which bankruptcy proceedings have been instituted; 2) are in a state of liquidation, reorganization or termination; 3) are controlled by each other, are under joint control or are related parties (in case of submission of applications for interest by each potential Participant separately);

		4) are legal entities, owners of 10 and more percent of shares (stakes) and / or the ultimate beneficial owner of which is a resident of the state recognized by the Verkhovna Rada of Ukraine as the aggressor state; 5) are persons registered in the offshore zone, or persons whose shares (stakes) in total together more than 50 percent belong directly or indirectly to such persons (in accordance with the order of the Cabinet of Ministers of Ukraine "On inclusion of states in the list of offshore zones" of 23 February 2011 №143-r), or registered in the countries included in the Group for the Development of Financial Measures to Combat Money Laundering and Terrorist Financing (FATF) in the list of countries that do not cooperate in combating money laundering; 6) are legal entities or related to legal entities registered in a state recognized by the Verkhovna Rada of Ukraine as an aggressor state, or against which sanctions have been applied in accordance with the legislation of Ukraine or norms of international law. Relevant information must be confirmed by scanned copies of documents uploaded in the Electronic Selection Office on the application page. The application for expression of interest must be accompanied by the provision of the Bid Security, under the conditions specified in Section 1 of this Bidding Document. The deadline for submission of expressions of interest for Stage I is 06.01.2022 inclusive.
4.2	Application consideration for interest expressions	Based on the results of submission of applications, the Electronic Selection Cabinet automatically generates a register of received applications. The Customer within 5 working days processes the submitted applications for compliance with the established requirements of the Bid documentation and decides on the admission of the Bidder to the 2nd stage or deviation of the Bidder from further participation in the Competitive selection. Based on the results of the review, the Participant receives an electronic notification of the results of the review of his proposal to the e-mail address specified during the submission of the application for expression of interest. Participants whose Bids are admitted to the second stage are given access to the Electronic Selection Cabinet.
4.3	Stage II. Qualification submission proposals	At the II stage the Participant must document the information submitted by them at the I stage by filling in electronic forms with downloading supporting documents, such as: 1) Demonstrated experience in the performance of contract(s) that were similar in regard to procurement item. For documented experience of performing similar works on new construction of public roads of state importance, completed in the last 5 years on similar facilities with technical parameters, not worse than

		specified in Section 3 of this Bid documentation, the Bidder provides the following documents: - a copy (s) of similar contract (s) with all annexes and integral parts to the contract; - act (s) of acceptance of performed construction works (forms KB-2v) and certificate (s) on the amount of performed construction works and costs (forms KB-3); - a copy (s) of the positive response (s) of the customer (s) (according to the provided similar contract (s), in which (s) must be specified: the date of its issuance, source number, reference to the number, date and subject of the contract, road category, contract price, contract amount,% of contract performance,% of contract performance from the total contract price, as well as information on the quality of work performed, compliance with deadlines the customer's claims or lawsuits for non-performance or improper performance of the terms of the contract.This response must be issued by the customer in the current year; 2) Availability of equipment, resources and technology. The bidder must confirm the ownership or guaranteed access to obtain (in the form of lease, leasing, purchase, operation of production equipment or other form) key items of equipment in working order according to the list (Annex 2), by providing: - concerning own equipment - copies of certificates of registration of equipment (machines and mechanisms, etc.); - concerning involved equipment - copies of valid and acting contracts and in force for the duration of the contract. 3) Availability of staff with the relevant qualification and necessary knowledge and experience at the economic operator's disposal. The entrant must provide a resume of qualified personnel for the following positions: The list of mandatory key positions of engineering and technical staff includes: - chief engineer or other person performing technical management of the construction organization - no less 1 person; - chief of precinct or other person performing his/her functions - no less 4 persons; - the executor of works or other person carrying out his/her functions - no less 9 persons; - quality engineer or other person controlling the quality of repair and construction work - no less 3 persons; - surveyor or other person who performs complex geodetic works - no less 3 people; - foreman - no less 14 people 4) Financial standing as demonstrated by financial reporting, The annual turnover of the Participant's funds for 2020 must be 100% or more of the expected cost of works. The established requirement is
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		confirmed by a scanned copy of the financial statements with the mark of the authorized body. Confirmation of the established qualification requirements of the second stage must be provided by one legal entity, and in case of participation in the competition of corporations, the parent company can use the experience / resources of its subsidiaries. In case of participation in the Competitive selection of the association of participants, each of the members of the association must confirm compliance with the established qualification requirements. At the same stage, the Bidder must submit a commercial proposal based on its own calculation of the cost of work, by filling in the electronic field. At the same time, information on the value of the commercial offer is opened at the third stage. Such a commercial offer may not exceed the expected cost of work determined by the Customer. The deadline for submission of proposals at the second stage is 15 working days from the date of announcement of the results of the first stage.
4.4	Qualification proposal consideration	Within 5 working days the Customer processes the submitted qualification proposals for compliance with the established requirements of Bid documentation and the decision on admission of the Participant of the III stage or deviation of the Participant from further participation in the Competitive selection. Qualification proposals of those Participants who are not approved by the requirements of the Competition are subject to rejection. As a result of the consideration of the Qualification Proposals, Unik receives electronic notifications of the results of the consideration to the e-mail address specified in the notification of proposals during the review of its requests.
4.5	Stage III. Submission of commercial proposals	Commercial proposals of the Participants are automatically opened in the Electronic selection office, the date and time of which is determined by the Customer and sent to the Participants in the notification of the results of the second stage. The Participant within 2 (two) working days from the date of receipt of the admission notice to the third stage must inform the Customer about its final value of the commercial offer by downloading: - letter of confirmation of the commercial offer submitted at the second stage; - letter of reduction of the commercial offer.
4.6	Evaluation of a Winner	Based on the results of the third stage, the Customer determines the most economically advantageous proposal and announces the winner of the Bid selection. Determination notice of the winner is sent to all participants of the Bid selection within 1 working day and is published in the electronic selection office.
Chapter 5. Concluding the work performance contract		
5.1	The period for concluding the contract	Within 20 working days from the date of results publication the Bid selection, the Customer must negotiate with the Winner on the conclusion of the Agreement. During the term of the contract, the contractor provides a contract

		price calculated in accordance with the Estimates of Ukraine "Guidelines for determining the cost of construction" (Annex 31) In case of failure to conclude the Agreement within the specified period, the Customer may, at the request of the Winner, extend the period for negotiations on the conclusion of the Agreement for an additional 10 working days.
5.2	Principles concluding the contract	The contract is concluded in accordance with the norms of the Civil and Commercial Codes of Ukraine, the Law of Ukraine "About Roads", taking into account the features provided by the Cabinet of Ministers "On approval of general conditions for concluding and executing contracts in capital construction" from 01.08.2005 № 668. The work performance contract is regulated by Ukrainian law. Disputes under such an agreement are considered in the courts of Ukraine. The winner of Bid selection procedure during the conclusion of the contract must provide: - calculation of the contract price in accordance with the norms and standards of Ukraine on pricing; - supporting documents for the authority of the person entitled to sign the contract.
5.3	The notice of amendments that must be included in the work performance contract	The notice of amendments that must be included in the work performance contract: - names and details of the parties; - scope of the contract; - contract price; - terms of beginning and end of works (construction of the object); - rights and duties; - the procedure for ensuring the fulfillment of obligations under the contract; - conditions of insurance of risks of accidental destruction or damage to the construction object; - the procedure for attracting subcontractors; - sources and procedure for financing works (construction of the facility); - the order of payments for work performed; - the procedure for delivery and acceptance of completed works (construction object); - warranty periods for the quality of completed works (operation of the construction site), the procedure for eliminating deficiencies; - liability of the parties for breach of contract; - the procedure for settling disputes; - the procedure for amending the contract and its termination.
5.4	Customer`s action in case of refusal of the winner`s bid selection to sign work performance contract	In the event the successful tenderer of Bid selection refuses to sign the procurement contract in accordance with the requirements set out in the Bid documentation the Customer shall reject the Bid proposal of such tenderer and select the successful tenderer from among the tenderers whose tender is the most cost-effective and decides to sign the procurement contract in accordance with the requirements set out in the Bid documentation.
5.5	Contract performance security	The winning bidder no later than the date of concluding the procurement contract must provide the original of the bank guarantee in the amount of 5% of contract performance security providing to the Customer with a cover letter. The term of procurement contract performance security is not less than the term of such contract. Amendments to the text of the guarantee by the principal, beneficiary,

		guarantor bank are possible only in part of the extension of its validity, in connection with the extension of the term of performance of works. In case of extension of the term of performance of works in accordance with the terms of the Contract, the General Contractor is obliged to extend the effect of ensuring the performance of the contract for the relevant period. The Contracting authority must return the contract performance security 1) after the successful tenderer completes the performance of the contract; 2) by a court decision on the return of the security of the contract in case of recognition of the results of the Competitive selection invalid or the contract; 3) in accordance with the conditions specified in the contract.
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Technical requirement (statement amount of work)
Construction of the Great Ring Road around Kiev on the section from the road
Kiev-Kovel-Yahodyn (M-07) for Kiev-Chop (M-06) road (Kiev region)

№ c/n	Name of work and expenses	Quantifying figure	Quantity
1	2	3	4
	Local estimate 01-01-01 for preparatory work. Transport interchange of Kyiv-Kovel-Yagodyn highway (M-07)	-	-
1	Cold milling of asphalt concrete pavement with Using a mill, milling width 2100 mm, Milling depth 8 cm	m2	14590
2	Cold milling of asphalt concrete pavement Using a cold milling machine, milling width 2100 mm, on the depth of milling: for every 1 cm of milling depth change Every 1 cm of the milling depth is added to or removed from the norms 27-60- 7 - 27-60-8	m2	14590
3	Transportation of asphalt, slag concrete, etc. by dump trucks at a distance of 30 km	T	4552,08
4	Dismantling of curbs on a concrete base	M	85
5	Loading of concrete curbstone from dismantling with a single-bucket excavator, bucket capacity 0.5m3	M3	4,42
6	Transportation of other goods by general purpose at a distance of 30 km	T	11,05
7	(Dismantling)Arrangement of metal barrier fence, at a distance of 2 m between standpipes	M	2800
8	Loading of metal barrier fence from disassembly	T	72,8
9	Transportation of other goods by general purpose at a distance of 30 km	T	72,8
10	(Dismantling)Installation of pedestrian fence PO-B	T	1,084
11	Loading of PO-B pedestrian fence from disassembly	T	1,084
12	Transportation of other goods by general purpose at a distance of 30 km	T	1,084
13	(Dismantling)Laying of channel floor slabs	шт	2
14	(Dismantling)Arrangement of monolithic foundations	M3	0,26
15	(Dismantling)Arrangement of spillway structures from the driveway part of the open flumes B-5	M3	1,106
16	(Dismantling)Arrangement of spillway structures from the driveway of trays B-6 in the slopes of the embankment	M	5,2

17	Loading of concrete structures from demolition with a single-bucket excavator, bucket capacity 0.5 m3	м3	1,986
18	Transportation of other goods by general purpose at a distance of 30 km	т	4,93
19	(Dismantling)Laying of blocks and slabs of strip foundations FBS 9.3.6T	шт	9
20	(Dismantling) Laying of blocks and slabs of strip foundations FBS 24.3.6T	шт	9
21	(Dismantling)Bottom plates installation	м3	0,59
22	(Dismantling)Installation of rings	м3	1,18
23	(Dismantling)Installation of floor slabs of the cesspool	м3	0,55
1		3	4
24	(Disassembly) Installation of the hatch	шт	1
25	(Dismantling)Arrangement of foundation slabs reinforced concrete flat	м3	1,1
26	(Dismantling)Installation in single-story buildings exterior wall panels	шт	11
27	(Dismantling)Laying of lintels weighing up to 0.3 tons	шт	11
28	(Dismantling)Laying of floor slabs up to 5 m2	шт	11
29	(Dismantling)Installation of toilets with a cistern directly connected	компл.	2
30	Loading of concrete structures from demolition with a single-bucket excavator, bucket capacity 0.5 m3	м3	8,53
31	Transportation of other goods by general purpose at a distance of 30 km	т	21,2
32	Soil compaction with pneumatic rammers, soil group 1, 2	м3	0,1111
33	Area planning by mechanized method, soil group 1	м2	100
34	(Dismantling)Laying of floor slabs	шт	1
35	(Демонтаж)Установка блоков наружных стен массой до 2,5 т	шт	3
36	(Dismantling)Laying of blocks and slabs of strip foundations with excavation depth up to 4 m, weight of structures weight more than 3.5 tons	шт	1
37	Transportation of other goods by general 1 km distance	т	21,2
38	(Dismantling)Installation of road signs in one riser while digging pits mechanized, one-way	знак	31
39	Dismantling of shields of road signs or signs to them mounting on one riser	щит	8
40	Loading of shields and risers from disassembly total weight rising 0.3 tons	т	0,64207
41	Transportation of other goods by general purpose at a distance of 30 km	т	0,64207
42	Dismantling of asphalt concrete pavements	м3	3,9
43	Dismantling of road bases of crushed stone-sand mixture C-7	м3	11,7
44	Dismantling of road bases of granite screenings	м3	9,75
45	Loading of material from disassembly by excavator single-bucket, bucket capacity 1.25 m3	м3	25,35

46	Transportation of aggregates natural are transported in bulk, by dump trucks to a distance of 1 km	T	42,51
47	Разборка бортовых камней на бетонной основе	M	65
48	Loading of concrete curbstone from dismantling with a single-bucket excavator, bucket capacity 0.5m3	M3	1,04
49	Transportation of other goods by general purpose at a distance of 30 km	T	2,34
50	Dismantling of asphalt concrete pavement	M3	1,44
51	Dismantling of road bases of crushed stone-sand mixture C-7	M3	4,32
52	Dismantling of road bases of granite screenings	M3	3,6
53	Loading of material from disassembly by excavator single-bucket, bucket capacity 1.25 m3	M3	9,36
54	Transportation of aggregates natural are transported in bulk, by dump trucks to a distance of 1 km	T	15,69
55	Dismantling of curbs on a concrete base	M	20
56	Loading of concrete curbstone from dismantling with a single-bucket excavator, bucket capacity 0.5m3	M3	0,32
1		3	4
57	Transportation of other goods by general purpose at a distance of 30 km	T	0,72
58	Dismantling of asphalt concrete pavement	M3	84,3
59	Dismantling of road bases of crushed stone-sand mixture C-7	M3	252,9
60	Dismantling of road bases of granite screenings	M3	210,75
61	Loading of material from disassembly by excavator single-bucket, bucket capacity 1.25 m3	M3	547,95
62	Transportation of natural aggregates, which are transported in bulk, by dump trucks to a distance of 1 km	T	918,87
63	Dismantling of curbs on a concrete base	M	843
64	Loading of concrete curbstone from demolition excavator single-bucket, bucket capacity 0.5m3	M3	13,49
65	Transportation of other goods by general purpose for a distance of 30 km	T	30,348
66	Cold milling of asphalt concrete pavement with Using a mill, milling width 2100 mm, Milling depth 8 cm	M2	4238,08
67	Cold milling of asphalt concrete pavement with Using a cold milling machine, milling width 2100 mm, on the depth of milling: for every 1 cm of milling depth change Every 1 cm of the milling depth is added to or removed from the norms 27-60-7 - 27-60-8	M2	4238,08
68	Transportation of asphalt, slag concrete, etc. by dump trucks at a distance of 1 km	T	21990,552
69	Cold milling of the existing base layer of the SFOV of using a mill, milling width 2100 mm, 5 cm in milling depth	M2	2727

70	Cold milling of the existing base layer of the SFOV of using a mill, milling width 2100 mm, on the depth of milling: for every 1 cm of milling depth change each 1 cm of the milling depth change shall be added or deleted to/from standards 27-60-7 - 27-60-8	М2	-2727
71	Transportation of asphalt, slag concrete, etc. by dump trucks at a distance of 1 km	Т	10976,07
72	Dismantling of road bases of crushed stone-sand mixture	М3	4545
73	Loading of material from disassembly by excavator single-bucket, bucket capacity 1.25 m3	М3	4545
74	Transportation of aggregates natural are transported in bulk, by dump trucks to a distance of 1 km	Т	8181
75	Cold milling of asphalt concrete pavement Using a mill, milling width 2100 mm, Milling depth 8 cm	М2	116
76	Cold milling of asphalt concrete pavement Using a cold milling machine, milling width 2100 mm, on the depth of milling: for every 1 cm of milling depth change Every 1 cm of the milling depth is added to or removed from the norms 27-60-7 - 27-60-8	М2	116
77	Transportation of asphalt, slag concrete, etc. by dump trucks at a distance of 1 km	Т	37,92
78	Dismantling of road bases of crushed stone-sand mixture C-5	М3	40,6
79	Loading of material from disassembly by excavator single-bucket, bucket capacity 1.25 m3	М3	40,6
80	Transportation of aggregates natural are transported in bulk, by dump trucks to a distance of 1 km	Т	73,08
1		3	4
	Local estimate 01-01-02 for felling of Klavdievsky forestry farm plantations	-	-
81	Stalling softwood trees from the root, diameter of trunks up to 16 cm	IIIТ	4210
82	Stalling softwood trees from the root, diameter of trunks up to 20 cm	IIIТ	1622
83	Stalling softwood trees from the root, diameter of trunks up to 24 cm	IIIТ	1180
84	Stalling softwood trees from the root, diameter of trunks up to 28 cm	IIIТ	1322
85	Stalling softwood trees from the root, diameter of trunks up to 32 cm	IIIТ	1540
86	Stalling softwood trees from the root, diameter of trunks up to 32 cm	IIIТ	4949
87	Processing of soft wood, except larch, received from a forest dump, trunk diameter up to 16 cm cm	IIIТ	4210

88	Processing of soft wood, except larch, received from a forest dump, trunk diameter up to 20 cm	шт	1622
89	Processing of soft wood, except larch, received from a forest dump, trunk diameter up to 24 cm	шт	1180
90	Processing of soft wood, except larch, received from a forest dump, trunk diameter up to 28 cm	шт	1322
91	Processing of soft wood, except larch, received from a forest dump, trunk diameter up to 32 cm	шт	1540
92	Processing of soft wood, except larch, received from a forest dump, trunk diameter up to 32 cm	шт	4949
93	Hardwood and larch rootstock logging, trunk diameter up to 16 cm	шт	533
94	Hardwood and larch rootstock logging, trunk diameter up to 20 cm	шт	126
95	Hardwood and larch rootstock logging, trunk diameter up to 24 cm	шт	102
96	Hardwood and larch rootstock logging, trunk diameter up to 28 cm	шт	42
97	Hardwood and larch rootstock logging, trunk diameter up to 32 cm	шт	20
98	Hardwood and larch rootstock logging, trunk diameter up to 32 cm	шт	55
99	Hardwood and larch rootstock logging, trunk diameter up to 16 cm	шт	533
100	Hardwood and larch rootstock logging, trunk diameter up to 20 cm	шт	126
101	Hardwood and larch rootstock logging, trunk diameter up to 24 cm	шт	102
102	Hardwood and larch rootstock logging, trunk diameter up to 28 cm	шт	42
103	Hardwood and larch rootstock logging, trunk diameter up to 32 cm	шт	20
104	Hardwood and larch rootstock logging, trunk diameter up to 32 cm	шт	55
105	Skidding wood up to a distance of 300 m with tractors 79 kW [108 hp], trunk diameter up to 20 cm	шт	6491
106	Skidding wood up to 300 m with tractors 79 kW [108 hp], trunk diameter up to 30 cm	шт	2646
1		3	4
107	Skidding wood up to 300 m with tractors 79 kW [108 hp], trunk diameter over 30 cm stem diameter	шт	6564
108	Stump uprooting in naturally occurring soils Using an uprooting picker on a tractor with a power of 79 kW [108 hp] with stump displacement up to 5 m, stump diameter up to 24 cm	пнib	7773
109	Stump uprooting in naturally occurring soils Using an uprooting picker on a tractor with a power of 79 kW [108 hp] with stump displacement up to 5 m, stump diameter up to 32 cm	пнib	2924

110	Stump uprooting in naturally occurring soils Using an uprooting picker on a tractor with a power of 79 kW [108 hp] with stump displacement up to 5 m, stump diameter over 32 cm	пнiв	5004
111	Raking the ground from uprooted stumps by uprooters-by pickers on a 79 kW [108 hp] tractor, Stump diameter up to 24 cm	пнiв	7773
112	Raking the ground from uprooted stumps by uprooters-by pickers on a 79 kW [108 hp] tractor, Stumps over 24 cm in diameter	пнiв	7928
113	Clearing of areas from bushes and small forests by deep-field preparation machines on a tractor 79 kW [108 hp]	га	36,1
114	Burning with shaking shafts of medium shrubbery, small woods, and roots by uprooters on tractor by pickers on a 79 kW [108 hp]	га	36,1
115	Loading or unloading stumps with a total weight lifting 1.0 tons	т	15696,4
116	Transportation of other goods by general 1 km distance	т	15696,4
117	Loading or unloading business timber and logs with a total weight of 1.0 t	т	6997
118	Transportation of timber using general-purpose vehicles and semi-trailers for a distance of 30 km	т	6997
	Local estimate 01-01-03 for felling of Makarivsky forestry farm plantations	-	-
119	Stalling softwood trees from the root, diameter of trunks up to 16 cm	шт	1474
120	Stalling softwood trees from the root, diameter of trunks up to 20 cm	шт	373
121	Stalling softwood trees from the root, diameter of trunks up to 24 cm	шт	413
122	Stalling softwood trees from the root, diameter of trunks up to 28 cm	шт	351
123	Stalling softwood trees from the root, diameter of trunks up to 32 cm	шт	432
124	Stalling softwood trees from the root, diameter of trunks up to 32 cm	шт	757
125	Processing of soft wood, except larch, received from a forest dump, trunk diameter up to 16 cm cm	шт	1474
126	Processing of soft wood, except larch, received from a forest dump, trunk diameter up to 20 cm cm	шт	373
127	Processing of soft wood, except larch, received from a forest dump, trunk diameter up to 24 cm cm	шт	413
128	Processing of soft wood, except larch, received from a forest dump, trunk diameter up to 28 cm cm	шт	351
1		3	4
129	Processing of soft wood, except larch, received from a forest dump, trunk diameter up to 32 cm cm	шт	432

130	Processing of soft wood, except larch, received from a forest dump, trunk diameter up to 32 cm	шт	757
131	Hardwood and larch rootstock logging, trunk diameter up to 16 cm	шт	394
132	Hardwood and larch rootstock logging, trunk diameter up to 20 cm	шт	35
133	Hardwood and larch rootstock logging, trunk diameter up to 24 cm	шт	16
134	Hardwood and larch rootstock logging, trunk diameter up to 28 cm	шт	19
135	Hardwood and larch rootstock logging, trunk diameter up to 32 cm	шт	10
136	Hardwood and larch rootstock logging, trunk diameter up to 32 cm	шт	7
137	Processing of hardwood and larch wood from a forest dump, trunk diameter up to 16 cm	шт	394
138	Processing of hardwood and larch wood from a forest dump, trunk diameter up to 20 cm	шт	35
139	Processing of hardwood and larch wood from a forest dump, trunk diameter up to 24 cm	шт	16
140	Processing of hardwood and larch wood from a forest dump, trunk diameter up to 28 cm	шт	19
141	Processing of hardwood and larch wood from a forest dump, trunk diameter up to 32 cm	шт	10
142	Processing of hardwood and larch wood from a forest dump, trunk diameter up to 32 cm	шт	7
143	Skidding wood up to a distance of 300 m with tractors 79 kW [108 hp], trunk diameter up to 20 cm	шт	2276
144	Skidding wood up to a distance of 300 m with tractors 79 kW [108 hp], trunk diameter up to 30 cm	шт	1241
145	Skidding wood up to a distance of 300 m with tractors 79 kW [108 hp], trunk diameter up to 30 cm	шт	764
146	Stump uprooting in naturally occurring soils Using an uprooting picker on a tractor with a power of 79 kW [108 hp] with stump displacement up to 5 m, stump diameter up to 24 cm	пнїв	2705
147	Stump uprooting in naturally occurring soils Using an uprooting picker on a tractor with a power of 79 kW [108 hp] with stump displacement up to 5 m, stump diameter up to 32 cm	пнїв	812
148	Stump uprooting in naturally occurring soils Using an uprooting picker on a tractor with a power of 79 kW [108 hp] with stump displacement up to 5 m, stump diameter up to 32 cm	пнїв	764
149	Upholstery the ground from uprooted stumps by uprooters-by pickers on a 79 kW [108 hp] tractor, Stump diameter up to 24 cm	пнїв	2705
150	Upholstery the ground from uprooted stumps by uprooters-by pickers on a 79 kW [108 hp] tractor, Stump diameter up to 24 cm	пнїв	1576
151	Clearing of areas from bushes and small forests by deep-field preparation machines on a tractor 79 kW [108 hp]	га	14,7

152	Burning with shaking shafts of medium shrubbery, small woods, and roots by uprooters on tractor by pickers on a 79 kW [108 hp]	га	14,7
153	Loading or unloading stumps with a total weight lifting 1.0 tons	т	4279,2
1		3	4
154	Transportation of other goods by general 1 km distance	т	4279,2
155	Loading or unloading of solid wood and stakes with a total weight of 1.0 t	т	1545,6
156	Transportation of timber using general-purpose vehicles and semi-trailers for a distance of 30 km	т	1545,6
	Local estimate 01-01-04 for felling of the Kyiv forestry farm	-	-
157	Stalling softwood trees from the root, diameter of trunks up to 16 cm	шт	6009
158	Stalling softwood trees from the root, diameter of trunks up to 20 cm	шт	2243
159	Stalling softwood trees from the root, diameter of trunks up to 24 cm	шт	2798
160	Stalling softwood trees from the root, diameter of trunks up to 28 cm	шт	2823
161	Stalling softwood trees from the root, diameter of trunks up to 32 cm	шт	2205
162	Stalling softwood trees from the root, diameter of trunks up to 32 cm	шт	3482
163	Processing of soft wood, except larch, received from a forest dump, trunk diameter up to 16 cm	шт	6009
164	Processing of soft wood, except larch, received from a forest dump, trunk diameter up to 20 cm	шт	2243
165	Processing of soft wood, except larch, received from a forest dump, trunk diameter up to 24 cm	шт	2798
166	Processing of soft wood, except larch, received from a forest dump, trunk diameter up to 28 cm	шт	2823
167	Processing of soft wood, except larch, received from a forest dump, trunk diameter up to 32 cm	шт	2205
168	Processing of soft wood, except larch, received from a forest dump, trunk diameter up to 32 cm	шт	3482
169	Hardwood and larch rootstock logging, trunk diameter up to 16 cm	шт	1256
170	Hardwood and larch rootstock logging, trunk diameter up to 20 cm	шт	222
171	Hardwood and larch rootstock logging, trunk diameter up to 24 cm	шт	197
172	Hardwood and larch rootstock logging, trunk diameter up to 28 cm	шт	123
173	Hardwood and larch rootstock logging, trunk diameter up to 32 cm	шт	62

174	Hardwood and larch rootstock logging, trunk diameter up to 32 cm	шт	96
175	Processing of hardwood and larch wood from a forest dump, trunk diameter up to 16 cm	шт	1256
176	Processing of hardwood and larch wood from a forest dump, trunk diameter up to 20 cm	шт	222
177	Processing of hardwood and larch wood from a forest dump, trunk diameter up to 24 cm	шт	197
178	Processing of hardwood and larch wood from a forest dump, trunk diameter up to 28 cm	шт	123
179	Processing of hardwood and larch wood from a forest dump, trunk diameter up to 32 cm	шт	62
180	Processing of hardwood and larch wood from a forest dump, trunk diameter up to 32 cm	шт	96
1		3	4
181	Skidding wood up to a distance of 300 m with tractors 79 kW [108 hp], trunk diameter up to 20 cm	шт	9730
182	Skidding wood up to a distance of 300 m with tractors 79 kW [108 hp], trunk diameter up to 30 cm	шт	5941
183	Skidding wood up to 300 m with tractors 79 kW [108 hp], trunk diameter over 30 cm diameter	шт	5845
184	Stump uprooting in naturally occurring soils Using an uprooting picker on a tractor with a power of 79 kW [108 hp] with stump displacement up to 5 m, stump diameter up to 24 cm	пнїв	12725
185	Stump uprooting in naturally occurring soils Using an uprooting picker on a tractor with a power of 79 kW [108 hp] with stump displacement up to 5 m, stump diameter up to 32 cm	пнїв	5213
186	Stump uprooting in naturally occurring soils Using an uprooting picker on a tractor with a power of 79 kW [108 hp] with stump displacement up to 5 m, stump diameter over 32 cm	пнїв	3578
187	Raking the ground from uprooted stumps by uprooters- pickers on a 79 kW [108 hp] tractor, Stump diameter up to 24 cm	пнїв	12725
188	Raking the ground from uprooted stumps by uprooters- pickers on a 79 kW [108 hp] tractor, Stumps over 24 cm in diameter	пнїв	8791
189	Clearing of areas from bushes and small forests by deep-field preparation machines on a tractor 79 kW [108 hp]	га	191,15
190	Burning with shaking shafts of medium shrubbery, small woods, and roots by uprooters by pickers on a 79 kW [108 hp] tractor	га	191,15
191	Loading or unloading stumps with a total weight lifting 1.0 tons	т	21508,4
192	Transportation of other goods by general destination 1 km distance	т	21508,4
193	Loading or unloading logs with a total weight lifting 1.0 t	т	8687,66
194	Transportation of timber using general-purpose vehicles and semi-trailers with semi-trailers for a distance of 30 km	т	8687,66

	Local estimate 01-01-05 for felling plantings at the PK9+63,02 interchange	-	-
195	Stalling softwood trees from the root, diameter of trunks up to 20 cm	шт	111
196	Stalling softwood trees from the root, diameter of trunks up to 28 cm	шт	129
197	Stalling softwood trees from the root, diameter of trunks up to 32 cm	шт	151
198	Stalling softwood trees from the root, diameter of trunks up to 32 cm	шт	76
199	Processing of soft wood, except larch, received from a forest dump, trunk diameter up to 20 cm	шт	111
200	Processing of soft wood, except larch, received from a forest dump, trunk diameter up to 28 cm	шт	129
201	Processing of soft wood, except larch, received from a forest dump, trunk diameter up to 32 cm	шт	151
202	Processing of soft wood, except larch, received from a forest dump, trunk diameter up to over 20 cm	шт	76
1		3	4
203	Hardwood and larch rootstock logging, trunk diameter up to 20 cm	шт	29
204	Hardwood and larch rootstock logging, trunk diameter up to 24 cm	шт	5
205	Hardwood and larch rootstock logging, trunk diameter up to 32 cm	шт	15
206	Processing of hardwood and larch wood from a forest dump, trunk diameter up to 20 cm	шт	29
207	Processing of hardwood and larch wood from a forest dump, trunk diameter up to 24 cm	шт	5
208	Processing of hardwood and larch wood from a forest dump, trunk diameter up to 32 cm	шт	15
209	Skidding wood up to a distance of 300 m with tractors 79 kW [108 hp], trunk diameter up to 20 cm	шт	140
210	Skidding wood up to a distance of 300 m with tractors 79 kW [108 hp], trunk diameter up to 30 cm	шт	134
211	Skidding wood up to a distance of 300 m with tractors 79 kW [108 hp], trunk diameter over 30 cm	шт	242
212	Stump uprooting in naturally occurring soils Using an uprooting picker on a tractor with a power of 79 kW [108 hp] with stump displacement up to 5 m, stump diameter up to 24 cm	пнїв	145
213	Stump uprooting in naturally occurring soils Using an uprooting picker on a tractor with a power of 79 kW [108 hp] with stump displacement up to 5 m, stump diameter up to 32 cm	пнїв	280

214	Stump uprooting in naturally occurring soils Using an uprooting picker on a tractor with a power of 79 kW [108 hp] with stump displacement up to 5 m, stump diameter over 24 cm	ПНІВ	91
215	Raking the ground from uprooted stumps by uprooters-pickers on a 79 kW [108 hp] tractor, Stumps up to 24 cm in diameter	ПНІВ	145
216	Raking the ground from uprooted stumps by uprooters-pickers on a 79 kW [108 hp] tractor, Stumps over 24 cm in diameter	ПНІВ	371
217	Loading or unloading stumps with a total weight lifting 1.0 tons	Т	516
218	Transportation of other cargoes by general transport to the distance of 1 km	Т	516
219	Loading or unloading of logs with a total weight of 1.0 tons	Т	240,79
220	Transportation of timber by general transport with semi-trailer to the distance of 30 km	Т	240,79
	Local estimate 01-01-06 on the fill of subcortical pits	-	-
221	Transportation of soil by dump trucks to the distance of 28 km	Т	9119,55
222	Transportation of soil by dump trucks to the distance of 29 km	Т	9023,85
223	Transportation of soil by dump trucks to the distance of 30 km	Т	8880,3
224	Transportation of soil by dump trucks to the distance of 31 km	Т	9071,7
225	Transportation of soil by dump trucks to the distance of 32 km	Т	9263,1
226	Transportation of soil by dump trucks to the distance of 33 km	Т	9315,9
227	Transportation of soil by dump trucks to the distance of 34 km	Т	9296,1
228	Transportation of soil by dump trucks to the distance of 50 km	Т	9033,75
229	Transportation of soil by dump trucks to the distance of 49 km	Т	9228,45
230	Transportation of soil by dump trucks to the distance of 48 km	Т	8575,05
231	Transportation of soil by dump trucks to the distance of 47 km	Т	9512,25
232	Transportation of soil by dump trucks to the distance of 46 km	Т	9046,95
233	Transportation of soil by dump trucks to the distance of 45 km	Т	9020,55
234	Transportation of soil by dump trucks to the distance of 44 km	Т	9518,85
235	Transportation of soil by dump trucks to the distance of 43 km	Т	9175,65
1		3	4
236	Transportation of soil by dump trucks to the distance of 42 km	Т	9056,85
237	Transportation of soil by dump trucks to the distance of 41 km	Т	9230,1
238	Transportation of soil by dump trucks to the distance of 40 km	Т	8980,95
239	Transportation of soil by dump trucks to the distance of 39 km	Т	8900,1

240	Development of soil in the dump (place for pouring stumps) excavators "dragline" or "reverse shovel" with a capacity of 1.25 [1,4-1,5] m3, soil group 1	м3		120000
241	Planting of previously developed soil from dumping by bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	м3		120000
242	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	м3		120000
243	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 30 cm	м3		208333
244	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 30 cm	м3		208333
	Local estimate 01-01-07 for compensation landing	-		-
245	Preparing in a mechanized way standard places for planting seedling trees with a bare root system in natural soil with the addition of plant soil up to 50%	шт	-	42014
246	Planting of seedling trees with a bare root system in a pit measuring 0.7x0.7 m	шт		42014
	Local estimate 01-02-01 for PE medium pressure gas pipeline G2 diam 63x5.8mm on PC 166+59, 175+71	-		-
-	-	-		-
-	<u>Section 1. Earthworks</u>	-		-
247	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 1	м3	-	16,36
248	Development of soil in the dump excavators "dragline" or "reverse shovel" with a capacity of 0.5 [0.5-0.63] m3, soil group 1 / when developing trenches /	м3		488,85
249	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3		50,52
250	Backfill of trenches and pits with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 5 m, soil group 2	м3		511,52
251	Arrangement of a sandy base for pipelines	м3		44,21
252	Compaction of soil by pneumatic tubes, soil group 1, 2	м3		511,52
253	Planning the soil residue by bulldozers with a capacity of 79 kW [108 hp] per 1 drive	м2		2550,1
	Section 2. Laying in the trench pipelines	-		-
254	Laying of pipelines from polyethylene pipes with a diameter of 63 mm with pneumatic test	м	-	382
	Section 3. Installation of cut parts	-		-
255	Installation of polyethylene-style parts: elbows, knees, nozzles, transitions with a diameter of up to 110 mm	шт	-	7

	Section 4. Joint control	-	-
256	Quality control of welded joints of pipelines by inspection and demarcation, which is carried out on installation, pipe diameter 63 mm	стик	13
1		3	4
	Section 5. Arrangement of the crossing of the gas pipeline through the highway	-	-
257	Laying steel water pipes with hydraulic testing, pipe diameter 150 mm	м	158
258	Installation of metal support rings and unloading devices in pipelines up to 76 mm in diameter with a thickness of 40 mm insulating layer	м	158
259	Installation of end sealing cuffs of the case with a diameter of 800 mm	футляр	6
260	Drafting in the case of pipes with a diameter of up to 100 mm	м	158
	Section 6. Connection of the gas pipeline	-	-
261	Fitting operating by nipple low pressure steel gas pipelines up to 4.9 kPa [0.05 kgf/cm ²] under pressure-reduced gas, gas pipeline diameter up to 70 mm	шт	4
	Section 7. Stacking the signal tape	-	-
262	Signal tape covering	м тр	382
263	Cable up to 35 kV, laid in finished trenches without coatings, weight 1 m to 1 kg	м	382
	Section 8. Blowing and testing	-	-
264	Pneumatic testing of Rvip gas pipelines = 0.3MPa (24 hours)	м	382
	Section 9. Dismantling of the site of the existing gas pipeline	-	-
265	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a kov with a capacity of 1.25 [1.4-1.5] m ³ , soil group 1	м ³	214,9
266	Backfill of trenches and pits with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 5 m, soil group 2	м ³	214,9
267	(Dismantling)Laying of pipelines from polyethylene pipes with a diameter of 63 mm with hydraulic testing	м	307
268	Transportation of other cargoes by general transport to the distance of 1 km	т	3,2235
	Section 10. Installation of cognitive markings	-	-
269	Set an informational warning sign	шт	18
	Section 11. Installation of the control tube	-	-
270	Control tube arrangement	шт	6

271	Installation of single packaged tread in powder activator	шт	8
272	Installing the control and measuring column of metal	шт	6
	Local estimate 01-02-02 for PE medium pressure gas pipeline G3 diam 110x10mm on PC 142+86, 171+96	-	-
-	-	-	-
-	<u>Section 1. Earthworks</u>	-	-
-	-	-	-
273	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 1	м3	7
274	Development of soil in the dump excavators "dragline" or "reverse shovel" with a kov capacity of 0.5 [0.5-0.63] m3, soil group 1 / during developing trenches /	м3	283,32
275	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	29,12
1		3	4
276	Backfill of trenches and pits with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 5 m, soil group 2	м3	289,23
277	Arrangement of a sandy base for pipelines	м3	31,11
278	Compaction of soil by pneumatic tubes, soil group 1, 2	м3	289,23
279	Planning the soil residue by bulldozers with a capacity of 79 kW [108 hp] per 1 drive	м2	1469,9
	Section 2. Laying in the trench pipelines	-	-
280	Laying of pipelines from polyethylene pipes with a diameter of 110 mm with pneumatic test	м	291
	Section 3. Installation of style parts	-	-
281	Installation of polyethylene-style parts: elbows, knees, nozzles, transitions with a diameter of up to 110 mm	шт	7
	Section 4. Joint control	-	-
282	Quality control of welded joints of pipelines by external inspection and measurement, which is carried out on installation, pipe diameter up to 108 mm	стик	14
	Section 5. Arrangement of the crossing of the gas pipeline through the highway	-	-
283	Laying steel water pipes with hydraulic testing, pipe diameter 200 mm	м	130
284	Installation of metal support rings and unloading devices in pipelines with a diameter of 89 to 133 mm with a thickness of 40 mm insulating layer	м	130
285	Installation of end sealing cuffs of the case with a diameter of 800 mm	футляр	4
286	Drafting in the case of pipes with a diameter of up to 100 mm	м	130

	Section 6. Connection of the gas pipeline	-	-
287	Fitting into operating low pressure steel gas pipelines up to 4.9 kPa [0.05 kgf/cm ²] under pressure-reduced gas, gas pipeline diameter 100 mm	шт	4
	Section 7. Stacking the signal tape	-	-
288	Signal tape covering	м тр	291
289	Cable up to 35 kV, laid in finished trenches without coatings, weight 1 m to 1 kg	м	291
	Section 8. Blowing and testing	-	-
290	Pneumatic testing of Rvip gas pipelines = 0.3MPa (24 hours)	м	291
	Section 9. Dismantling of the site of the existing gas pipeline	-	-
291	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a kov with a capacity of 1.25 [1.4-1.5] m ³ , soil group 1	м3	175
292	Backfill of trenches and pits with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 5 m, soil group 2	м3	175
293	(Dismantling)Laying of pipelines from polyethylene pipes with a diameter of 110 mm with hydraulic testing	м	291
294	Transportation of other cargoes by general transport to the distance of 1 km	т	0,9312
	Section 10. Installation of cognitive markings	-	-
295	Set an informational warning sign	шт	15
1		3	4
	Section 11. Installation of the control tube	-	-
296	Control tube arrangement	шт	4
297	Installation of single packaged tread in powder activator	шт	6
298	Installing the control and measuring column of metal	шт	4
	Local estimate 01-03-01 for reconfigion of communication networks	-	-
	Section 1. Earthworks	-	-
299	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 1	м3	121,8
300	Development of soil in the dump excavators "dragline" or "reverse shovel" with a kov capacity of 0.5 [0.5-0.63] m ³ , soil group 1 / when developing trenches /	м3	2603,62
301	Backfill of trenches and pits with bulldozers with a capacity of 59 kW [80 hp] with soil movement up to 5 m, soil group 2	м3	2156,84

302	Compaction of soil by pneumatic tubes, soil group 1, 2	м3	2156,84
303	Loading of bulk materials into vehicles with a single-kivshev excavator, 0.5 м3 of kovshch capacity	м3	568,58
304	Transportation of soil up to 30 km	т	1108,731
305	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a kov with a capacity of 0.5 [0.5-0.63] м3, soil group 1 / at a depth of pit up to 3m, regardless of the volume of the pit or its area/	м3	195,04
306	Backfill of trenches and pits with bulldozers with a capacity of 59 kW [80 hp] with the movement of the soil up to 5 m, soil group 1	м3	137,71
307	Compaction of soil by pneumatic tubes, soil group 1, 2	м3	137,71
308	Loading of bulk materials into vehicles with a single-kivshev excavator, 0.5 м3 of kovshch capacity	м3	57,33
309	Transportation of soil up to 30 km	т	1117,935
	Section 2. Laying pipes	-	-
310	Arrangement of underground passages by horizontal drilling by the first pipe up to 10 m	перехід	1
311	When arranging underground passages by horizontal drilling, add the first pipe for each subsequent 5 m	перехід	2,4
312	Arrangement of underground passages by horizontal drilling by subsequent pipes up to 10 m	перехід	3
313	During arranging underground passages by horizontal drilling, add the following pipes for each subsequent 5 m.	перехід	7,2
314	Arrangement of underground passages by horizontal drilling by the first pipe up to 10 m	перехід	1
315	When arranging underground passages by horizontal drilling, add the first pipe for each subsequent 5 m	перехід	2,6
316	Arrangement of underground passages by horizontal drilling by subsequent pipes up to 10 m	перехід	3
317	When arranging underground passages by horizontal drilling, add the following pipes for each subsequent 5 m.	перехід	7,8
318	Arrangement of pipelines from polyethylene pipes, up to 2 channels	км	6,51
319	Drafting in the case of polyethylene pipes with a diameter of up to 100 mm	м	1072
1		3	4
	Section 3. Cabling	-	-
320	Cabling in the underground sewer, weight 1 m to 2 kg	км	5,536
321	Cable laid in the trench, weight of one meter up to 2 kg	км	3,004
322	Installation of fiber optic cable coupling, amount of fibers: 48	муфта	2
323	Installation of fiber optic cable coupling, amount of fibers: 36	муфта	2

324	Installation of fiber optic cable coupling, amount of fibers: 4	муфта	2
325	Coupling straight in the pit, cable capacity 30x2	шт	2
326	Complex of measurements by direct current mounted paired cables before and after power on the terminal devices	пар	30
327	Measurement of insulation resistance of cable lines on the mounted reinforceable area	х4 жил	2
328	Measuring the transitional atering of the mounted reinforcement area at the near end	вимір	8
329	Measuring the transitional atering of the mounted reinforcement area at the far end	вимір	8
330	Testing the electrical strength of insulation of a symmetric cable on the reinforceable area from the terminal devices on a two-cable line, the cable capacity is 1x4	кабель	2
331	Measurement of optical parameters of fiber optic cable reflexometer on the cable platform on one side, number of fibers: 4	барабан	1
332	Measurement of optical parameters of fiber optic cable reflexometer after laying, number of fibers: 4	буд.довж	1
333	Measurement of optical optical cable optical cable parameters by optical testers in two directions on the mounted regeneration area, number of fibers: 4	ділянка	1
334	Measurement of optical parameters of fiber optic cable by reflector in two directions on mounted regeneration area, number of fibers: 4	ділянка	1
335	Measurement of optical parameters of fiber optic cable reflexometer on the cable platform on one side, number of fibers: 48	барабан	2
336	Measurement of optical parameters of fiber optic cable reflexometer after laying, number of fibers: 48	буд.довж	2
337	Measurement of optical parameters of fiber optic cable by optical testers in two directions on the mounted regeneration area, number of fibers: 48	ділянка	2
338	Measurement of optical parameters of fiber optic cable by reflector in two directions on mounted regeneration area, number of fibers: 48	ділянка	2
339	Measurement of optical parameters of fiber optic cable by reflector on one side cable platform, number of fibers: 36	барабан	1
340	Measurement of optical parameters of fiber optic cable reflexometer after laying, number of fibers: 36	буд.довж	1
341	Measurement of optical optical cable optical cable parameters by optical testers in two directions on the mounted regeneration area, number of fibers: 36	ділянка	1
1		3	4
342	Measurement of optical parameters of fiber optic cable by reflector in two directions on mounted regeneration area, number of fibers: 36	ділянка	1
343	Arrangement of polyethylene wells	колодязь	8

344	Arrangement of reinforced concrete prefabricated typical wells, collected on the highway, installed on the pedestrian part, type of well KKS-3	колодязь	12
345	Arrangement of reinforced concrete prefabricated typical wells, assembled on the track, installed on the pedestrian part, type of well KKS-2	колодязь	4
346	Arrangement of pipe input in the well	шт	64
347	Set the pointer on a wall	шт	32
348	Trim a dimensional column for a link line	шт	49
349	Covering with plates of one cable laid in the trench	м	24
350	Covering 1-2 cables laid in the trench, signal tape	м тр	4503
	Section 4. Dismantling works	-	-
351	Development of soil in the dump excavators "dragline" or "reverse shovel" with a kov capacity of 0.5 [0.5-0.63] m3, soil group 1 / when developing trenches /	м3	3868,5
352	Backfill of trenches and pits with bulldozers with a capacity of 59 kW [80 hp] with soil movement up to 5 m, soil group 2	м3	3868,5
353	Compaction of soil by pneumatic tubes, soil group 1, 2	м3	3868,5
354	Pulling the cable out of the sewer, weight 1 m to 2 kg	км	9,629
	Local estimate 01-04-01 for the reconfigion of the PL-35kV line	-	-
	Section 1. Dismantling works	-	-
355	(Dismantling)Installation of reinforced concrete single-rise intermediate without rope supports on riser length of 16.4 m for VL 35 kV	опора	3
356	(Dismantling)Installation of single marks to reinforced concrete supports VL 35 kV	шт	2
357	(Dismantling)Hanging wires [3 wires at 5 supports per 1 km of the line] with a section up to 120 mm2 for 35 kV VL	км	1,428
358	Transportation of precast reinforced concrete with a length of 6.6 to 12 m by general transport at the distance of 30 km	т	17,25
359	Transportation of heavy and light metal structures by general transport to the distance of 30 km	т	1,703203
360	Installation of contaminant concrete single-rise anchors with a cane supports on risers 22 m long for VL 35 kV	опора	1
361	Development of soil in the dump excavators "dragline" or "reverse shovel" with a kov with a capacity of 0.5 [0.5-0.63] m3, soil group 2 with a pit volume up to 300 mz /	м3	866,4
362	Backfill of trenches and pits with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 5 m, soil group 2	м3	822,52
363	Compaction of soil by pneumatic tubes, soil group 1, 2	м3	822,52
364	Transportation of soil up to 30 km	т	76,79
365	Arrangement of the base for the foundations of the stone	м3	29,28

366	Installation of precast reinforced concrete fungal foundations weighing up to 6 tons	м3	21,6
1		3	4
367	Waterproofing of walls, foundations side coating bitumen in 2 layers on the aligned surface of the rage mural, brick, concrete	м2	187,84
368	Installation of anchor-angular free-rise single-rise supports VL 35-500 kV weighing up to 5 tons	т	6,16
369	Hanging wires VL 35 kV cross section to 120 mm2 with a length of anchor run up to 1 km	км	1,7116
370	Vertical grounder made of round steel with a diameter of 16 mm	шт	10
371	The grounding wire is opened on the construction bases with a round steel meter of 16 mm	м	20
372	Measuring the electrical resistance of the support ground loop	опора	2
	Section 2. Products and materials	-	-
373	Cutting anti-bird barriers	шт	24
	01-04-02 estimate for line rebuilding PL-10kV to PK 2+16	-	-
		-	-
	<u>Section 1. Dismantling works</u>	-	-
		-	-
374	Dismantling of metal-concrete single-rise supports with one slope for VL 0,38 kV and 6-10 kV [with traverses]	опора	2
375	Dismantling of conductors [1 wire at 20 supports per 1 km of line] for VL 0.38 kV by means of mechanics	км	0,54
376	Transportation of precast reinforced concrete with a length of 6.6 to 12 m by general transport at the distance of 30 km	т	7,2
	Section 2. Installation works	-	-
377	Installation of reinforced concrete single-rise supports with one slope for VL 0.38 kV and 6-10 kV [with traverses]	опора	2
378	Installation of precast reinforced concrete fungal foundations weighing up to 1.5 tons	м3	2,44
379	Hanging wires [1 wire at 20 supports per 1 km of line] for VL 0.38 kV using mechanisms	км	0,54
380	Vertical grounder made of round steel with a diameter of 16 mm	шт	6
381	Horizontal grounder in trench of steel round, diameter 12 mm2	м	12
382	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 2	м3	3
383	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	3
384	Install dischargers using the mechanisms of	комплект	6
	Section 3. Products and materials	-	-
		-	-
	<u>Local estimate 01-04-03 for the reconfigion of the 10kV line on PC 24+80</u>	-	-
		-	-

-	<u>Section 1. Dismantling works</u>	-	-
385	(Dismantling)Installation of reinforced concrete single-rise supports for VL 0.38 kV and 6-10 kV [with traverses]	опора	4
386	Dismantling of conductors [1 wire at 20 supports per 1 km of line] for VL 0.38 kV by means of mechanics	км	0,846
387	Transportation of precast reinforced concrete with a length of 6.6 to 12 m by general transport at the distance of 30 km	т	5,16
-	Section 2. Installation works	-	-
1		3	4
388	Installation of reinforced concrete single-rise supports with one slope for VL 0.38 kV and 6-10 kV [with traverses]	опора	2
389	Installation of precast reinforced concrete fungal foundations weighing up to 1.5 tons	м3	2,44
390	Installation of contaminant concrete single-rise anchors with a cane supports on risers 22 m long for VL 35 kV	опора	2
391	Hanging wires [1 wire at 20 supports per 1 km of line] for VL 0.38 kV using mechanisms	км	1,026
392	Vertical grounder made of round steel with a diameter of 16 mm	шт	12
393	Horizontal grounder in trench of steel round, diameter 12 mm2	м	24
394	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 2	м3	6
395	Fill by hand trenches, grooves of pits, soil group 1	м3	6
396	Install dischargers using the mechanisms	комплект	6
-	Section 3. Products and materials	-	-
-		-	-
-	<u>Local estimate 01-04-04 for the reconfigion of the 10kV line on PC 27+69</u>	-	-
-		-	-
-	<u>Section 1. Dismantling works</u>	-	-
397	(Dismantling)Installation of reinforced concrete single-rise supports for VL 0.38 kV and 6-10 kV [with traverses]	опора	3
398	Dismantling of conductors [1 wire at 20 supports per 1 km of line] for VL 0.38 kV by means of mechanics	км	0,498
399	Transportation of precast reinforced concrete with a length of 6.6 to 12 m by general transport at the distance of 30 km	т	3,54
-	Section 2. Installation works	-	-
400	Installation of contaminant concrete single-rise anchors with a cane supports on risers 22 m long for VL 35 kV	опора	2
401	Installation of reinforced concrete single-rise supports with one slope for VL 0.38 kV and 6-10 kV [with traverses]	опора	2

402	Installation of precast reinforced concrete fungal foundations weighing up to 1.5 tons	м3	2,44
403	Hanging wires [1 wire at 20 supports per 1 km of line] for VL 0.38 kV using mechanisms	км	0,924
404	Vertical grounder made of round steel with a diameter of 16 mm	шт	12
405	Horizontal grounder in trench of steel round, diameter 12 mm ²	м	24
406	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 2	м3	6
407	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	6
408	Install dischargers using the mechanisms of	комплект	6
	Section 3. Products and materials	-	-
-	-	-	-
-	<u>Local estimate 01-04-05 for the reassembly of the line</u>	-	-
-	<u>PL-10kV on PK 27+79</u>	-	-
-	-	-	-
-	<u>Section 1. Dismantling works</u>	-	-
-	-	-	-
409	(Dismantling) Installation of reinforced concrete single-rise supports for VL 0.38 kV and 6-10 kV [with traverses]	опора	3
1		3	4
410	Dismantling of conductors [1 wire at 20 supports per 1 km of line] for VL 0.38 kV by means of mechanics	км	0,978
411	Transportation of precast reinforced concrete with a length of 6.6 to 12 m by general transport at the distance of 30 km	т	3,54
	Section 2. Installation works	-	-
-	-	-	-
412	Installation of contaminant concrete single-rise anchors with a cane supports on risers 22 m long for VL 35 kV	опора	2
413	Installation of reinforced concrete single-rise supports with one slope for VL 0.38 kV and 6-10 kV [with traverses]	опора	2
414	Installation of precast reinforced concrete fungal foundations weighing up to 1.5 tons	м3	2,44
415	Hanging wires [1 wire at 20 supports per 1 km of line] for VL 0.38 kV using mechanisms	км	0,977
416	Vertical grounder made of round steel with a diameter of 16 mm	шт	12
417	Horizontal grounder in trench of steel round, diameter 12 mm ²	м	24
418	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 2	м3	6
419	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	6
420	Install dischargers using the mechanisms of	комплект	6
	Section 3. Products and materials	-	-
-	-	-	-
-	<u>Local estimate 01-04-06 for the reassembly of the line</u>	-	-
-	<u>PL-10kV on PK 27+89</u>	-	-

-	-	-	-
-	<u>Section 1. Dismantling works</u>	-	-
421	(Dismantling)Installation of reinforced concrete single-rise supports for VL 0.38 kV and 6-10 kV [with traverses]	опора	3
422	Dismantling of conductors [1 wire at 20 supports per 1 km of line] for VL 0.38 kV by means of mechanics	км	0,972
423	Transportation of precast reinforced concrete with a length of 6.6 to 12 m by general transport at the distance of 30 km	т	3,54
	<u>Section 2. Installation works</u>	-	-
424	Installation of contaminant concrete single-rise anchors with a cane supports on risers 22 m long for VL 35 kV	опора	2
425	Installation of reinforced concrete single-rise supports with one slope for VL 0.38 kV and 6-10 kV [with traverses]	опора	2
426	Installation of precast reinforced concrete fungal foundations weighing up to 1.5 tons	м3	2,44
427	Hanging wires [1 wire at 20 supports per 1 km of line] for VL 0.38 kV using mechanisms	км	0,972
428	Vertical grounder made of round steel with a diameter of 16 mm	шт	12
429	Horizontal grounder in trench of steel round, diameter 12 mm2	м	24
430	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 2	м3	6
431	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	6
432	Install dischargers using the mechanisms	комплект	6
	<u>Section 3. Products and materials</u>	-	-
1		3	4
	Local estimate 01-04-07 for the reassembly of the line PL-10kV on PK 161+07	-	-
-	-	-	-
-	<u>Section 1. Dismantling works</u>	-	-
433	(Dismantling)Installation of reinforced concrete single-rise supports for VL 0.38 kV and 6-10 kV [with traverses]	опора	1
434	Dismantling of conductors [1 wire at 20 supports per 1 km of line] for VL 0.38 kV by means of mechanics	км	0,6
435	Transportation of precast reinforced concrete with a length of 6.6 to 12 m by general transport at the distance of 30 km	т	1,18
	<u>Section 2. Installation works</u>	-	-
436	Installation of reinforced concrete single-rise supports with one slope for VL 0.38 kV and 6-10 kV [with traverses]	опора	2
437	Installation of precast reinforced concrete fungal foundations weighing up to 1.5 tons	м3	2,44

438	Hanging wires [1 wire at 20 supports per 1 km of line] for VL 0.38 kV using mechanisms	км	0,6
439	Vertical grounder made of round steel with a diameter of 16 mm	шт	6
440	Horizontal grounder in trench of steel round, diameter 12 mm ²	м	12
441	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 2	м ³	3
442	Fill by hand trenches, grooves of pits and pits, soil group 1	м ³	3
443	Install dischargers using the mechanisms	комплект	6
-	-	-	-
-	<u>Local estimate 01-04-08 for the reconfigion of the 10kV PL-10kV line on PC 171+89</u>	-	-
-	-	-	-
-	<u>Section 1. Dismantling works</u>	-	-
-	-	-	-
444	(Dismantling)Installation of reinforced concrete single-rise supports for VL 0.38 kV and 6-10 kV [with traverses]	опора	2
445	Dismantling of conductors [1 wire at 20 supports per 1 km of line] for VL 0.38 kV by means of mechanics	км	0,462
446	Transportation of precast reinforced concrete with a length of 6.6 to 12 m by general transport at the distance of 30 km	т	2,36
-	<u>Section 2. Installation works</u>	-	-
-	-	-	-
447	Installation of reinforced concrete single-rise supports with one slope for VL 0.38 kV and 6-10 kV [with traverses]	опора	2
448	Hanging wires [1 wire at 20 supports per 1 km of line] for VL 0.38 kV using mechanisms	км	0,123
449	Vertical grounder made of round steel with a diameter of 16 mm	шт	6
450	Horizontal grounder in trench of steel round, diameter 12 mm ²	м	12
451	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 2	м ³	3
452	Fill by hand trenches, grooves of pits and pits, soil group 1	м ³	3
453	Installation of a three-voltage disconnecter up to 10 kV, current up to 600 A	шт	2
454	Mounting lever drive with one thrust	шт	2
455	Installation of a support voltage insulator up to 20 kV	шт	8
1		3	4
456	Mounting the clamp	шт	42
457	Installation of the final epoxy coupling for a cable with a voltage of up to 10 kV, the section of one core to 70 mm ²	шт	2
458	Installation of a limiter up to 10 kV, current up to 600 A	шт	6
-	<u>Section 3. Products and materials</u>	-	-
-	-	-	-
-	<u>Section 4. Cable line 10kV</u>	-	-
-	-	-	-

459	Development of soil in the dump excavators "dragline" or "reverse shovel" with a kov with a capacity of 0.65 [0.5-1] m3, soil group 2	м3	21
460	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 2	м3	5,4
461	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	1
462	Backfill of trenches and pits with bulldozers with a capacity of 59 kW [80 hp] with soil movement up to 5 m, soil group 2	м3	18,8
463	Arrangement of bezel with one cable in the trench	м	96
464	Cable up to 35 kV, laid in finished trenches without coatings, weight 1 m to 3 kg	м	294
465	Cable up to 35 kV in laid pipes, blocks and boxes, weight 1 m to 3 kg	м	18
466	Cable up to 35 kV, which is laid on the installed structures and trays with fastening on the turns and at the end of the track, weight 1 m to 3 kg	м	48
467	Arrangement of pipelines from polyethylene pipes, up to 2 channels	км	0,01
468	Covering 1-2 cables laid in the trench, signal tape	м тр	98
	Local estimate 01-04-09 for the reorganization of the line PL-10kV at the PS 175+61 of "Lisova Polyana"	-	-
-	-	-	-
-	<u>Section 1. Dismantling works</u>	-	-
-	-	-	-
469	(Dismantling)Installation of reinforced concrete single-rise supports for VL 0.38 kV and 6-10 kV [with traverses]	опора	2
470	Dismantling of conductors [1 wire at 20 supports per 1 km of line] for VL 0.38 kV by means of mechanics	км	0,495
471	Transportation of precast reinforced concrete with a length of 6.6 to 12 m by general transport at the distance of 30 km	т	2,36
	Section 2. Installation works	-	-
472	Installation of reinforced concrete single-rise supports with one slope for VL 0.38 kV and 6-10 kV [with traverses]	опора	2
473	Conducting [1 wire at 20 supports per 1 km of line] for VL 0.38 kV with the help of mechanics (previously dismantled)	км	0,18
474	Vertical grounder made of round steel with a diameter of 16 mm	шт	6
475	Horizontal grounder in trench of steel round, diameter 12 mm2	м	12
476	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 2	м3	3
477	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	3
478	Installation of a three-voltage disconnecter up to 10 kV, current up to 600 A	шт	2
479	Mounting lever drive with one thrust	шт	2
480	Installation of a support voltage insulator up to 20 kV	шт	8

1		3	4
481	Mounting the clamp	pcs	42
482	Installation of the final epoxy coupling for a cable with a voltage of up to 10 kV, the section of one core to 70 mm ²	pcs	2
483	Installation of a limiter up to 10 kV, current up to 600 A	pcs	6
	Section 3. Products and materials	-	-
-	-	-	-
-	Section 4. Cable line 10kV	-	-
-	-	-	-
484	Development of soil in the dump excavators "dragline" or "reverse shovel" with a capacity of 0.65 [0.5-1] m ³ , soil group 2	m ³	36
485	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 2	m ³	5,4
486	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	m ³	4
487	Backfill of trenches and pits with bulldozers with a capacity of 59 kW [80 hp] with soil movement up to 5 m, soil group 2	m ³	31,4
488	Arrangement of bezel with one cable in the trench	m	153
489	Cable up to 35 kV, laid in finished trenches without coatings, weight 1 m to 3 kg	m	424
490	Cable up to 35 kV in laid pipes, blocks and boxes, weight 1 m to 3 kg	m	75
491	Cable up to 35 kV, which is laid on the installed structures and trays with fastening on the turns and at the end of the track, weight 1 m to 3 kg	m	48
492	Arrangement of pipelines from polyethylene pipes, up to 2 channels	km	0,025
493	Covering 1-2 cables laid in the trench, signal tape	m tr	156
	Local estimate 01-05-01 for the arrangement of reclosers	-	-
494	Installation of reinforced concrete single-rise supports for VL 0.38 kV and 6-10 kV [with traverses]	pillar	9
495	Manually set the dischargers	set	1
496	To manually install disconnectors	set	1
497	Install reclosers	pcs	4
	Local estimate 01-06-01 for clearing the area	-	-
498	Snag of medium shrubs and small-forested soils by uprooters on a tractor with a capacity of 79 kW [108 hp.]	ha	0,26
499	Snag of liquid shrubs and small-forested in the soils of natural beakers-collectors on a tractor with a capacity of 79 kW [108 hp.]	ha	0,1
500	Shaking of shafts from medium shrubs, small-forest and roots by uprooters-collectors on a tractor with a capacity of 79 kW [108 hp.]	ha	0,26
501	Shaking of shafts from liquid shrubs, small-forest and roots by uprooters-collectors on a tractor with a capacity of 79 kW [108 hp.]	ha	0,1

502	Loading and unloading of small artificial cargoes, loading or unloading manually with laying with lifting to a height of 1.5 m	t	85
503	Transportation of wood residues up to 3 km	t	85
504	Load of concrete debris by excavators on dump trucks, the capacity of the excavator kovsh 0.5 m3.	t	108
505	Transportation of garbage up to 30 km	t	10,8
	Local estimate 01-06-02 for channel clearing	-	-
-	-	-	-
1		3	4
506	Backhoeing with draglines or backhoes or "reverse shovel" backhoe with a bucket with a capacity of 0.4 [0.3-0.45] m3 , ground group 3 when working at waterworks soil with a capacity of 0.4 [0.3-0.45] m3 bucket, soil group 3 at work in water construction / high-moisture viscous soil that strongly adheres to the teeth and walls of the bucket/	m3	1575
507	Planning slopes excavators single-kovsh diesel on track with a sprinkling of soil in the cavalier, a group of soils 1-2	m2	3290
508	Clearing of dumps by bulldozers with a capacity of 59 kW [80 hp] with soil change up to 10 m, soil group 2 (only 20 m)	m3	1904
509	Add for every subsequent 10 m of soil movement [more than 10 m] for leveling cavaliers [dumps] with bulldozers with a capacity of 59 kW [80 hp], a group of soils 2	m3	1904
	Local estimate 01-06-03 for the restructuring of the drainage network	-	-
510	Development of plant soil by bulldozers with a capacity of 59 kW [80 hp] with soil shifting up to 10 m, a group of soils 1 (only 20 m) when working on water management	m3	8770
511	Add for every subsequent 10 m of soil movement [more than 10 m] bulldozers with a capacity of 59 kW [80 hp.] , a group of soils 1 when working in water management	m3	8770
512	Development of soil in the dump excavators "dragline" or "reverse shovel" with a kov with a capacity of 0.4 [0.3-0.45] m3, soil group 2 / viscous soil of sandy moisture, strongly sticking to the teeth and sides of the scooke / when working on water management	m3	12887
513	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	m3	477
514	(Dismantling)Laying of pipelines from polyethylene pipes with a diameter of 160 mm with hydraulic testing	m	276
515	Transportation of garbage up to 30 km	t	1,24
516	Installation of polyethylene-style parts with a diameter of up to 160 mm	pcs	80
517	Laying of pipelines from polyethylene pipes with a diameter of 250 mm with hydraulic testing	m	276
518	Laying of pipelines from polyethylene pipes with a diameter of 110 mm with hydraulic testing	m	1470

519	Laying pipelines from polyethylene pipes with a diameter of 500 mm (case)	м	120
520	Drafting in the case of pipes with a diameter of 250 mm	м	120
521	Laying drainage pipes made of polyethylene diameter 63 mm	м	4060
522	Arrangement of crushed mandiben filter when handing over the mothers	м3	15
523	Installation of polyethylene tees up to 110 mm in diameter	pcs	80
524	Installation of polyethylene-style parts: elbows, knees, nozzles, transitions with a diameter of up to 110 mm	pcs	35
525	Soil compaction with crushed stone	м2	5
526	Arrangement of round prefabricated reinforced concrete sewer wells with a diameter of 1 m in wet soils	м3	2,92
527	Installation of polyethylene-style parts: elbows, knees, nozzles, transitions with a diameter of up to 250 mm	pcs	10
528	Arrangement of drainage system units	м	8,32
1		3	4
529	Development of temporary inlets by bulldozers with a capacity of 59 kW [80 hp] with soil change up to 10 m, a group of soils 1 / earlier loosen soil / when working on water management	м3	12887
530	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	780
531	Backfill of trenches and pits with bulldozers with a capacity of 59 kW [80 hp] with the movement of the soil up to 5 m, soil group 1	м3	12584
532	Development of dumps of plant soil by bulldozers with a capacity of 59 kW [80 hp] with soil transfer up to 10 m, a group of soils 1 / earlier loosen soil / when working on water management construction	м3	8770
533	Leveling of cavaliers [dumps] with bulldozers with a capacity of 59 kW [80 hp] with soil movement up to 10 m, soil group 1	м3	8770
534	Disking of soils after drainage recovery	ha	16
	Local estimate 01-07-01 for land clearing	-	-
535	Snagging of medium shrubs and small-forested peat soils by uprooters-collectors on a tractor with a capacity of 79 kW [108 hp.]	ha	1,54
536	Shaking of shafts from medium shrubs, small-forest and roots by uprooters-collectors on a tractor with a capacity of 79 kW [108 hp.]	ha	1,54
537	Loading garbage by excavators on dump trucks, the capacity of the excavator bucket is 0.4 м3.	t	364
538	Transportation of wood residues to the distance of 3 km	t	364
	Local estimate 01-07-02 for clearing channels	-	-
-	-	-	-

539	Development of soil in the dump excavators "dragline" or "reverse shovel" with a kov with a capacity of 0.4 [0.3-0.45] m3, soil group 2 / viscous soil of sandy moisture, strongly sticking to the teeth and sides of the scooke / when working on water management	m3	2525
540	Planning slopes excavators single-kovsh diesel on track with a sprinkling of soil in the cavalier, a group of soils 1-2	m2	5447
541	Clearing of dumps by bulldozers with a capacity of 59 kW [80 hp] with soil change up to 10 m, soil group 2 (only 20 m)	m3	3075
542	Add for every subsequent 10 m of soil movement [more than 10 m] for leveling cavaliers [dumps] with bulldozers with a capacity of 59 kW [80 hp], a group of soils 2	m3	3075
	Local estimate 01-07-03 for cutting drainage network	-	-
543	Soil excavation by dragline excavators or backhoe shovels with a 0.25 m3 bucket, soil group 2 when working in water construction Soil with a bucket capacity of 0.25 m3 /highly moist and sticky soil that strongly sticking to the teeth and walls of the bucket /	m3	1898
544	Clearing of dumps by bulldozers with a capacity of 59 kW [80 hp] with soil change up to 10 m, soil group 2 (only 20 m)	m3	2525
545	Add for every subsequent 10 m of soil movement [more than 10 m] for leveling cavaliers [dumps] with bulldozers with a capacity of 59 kW [80 hp], a group of soils 2	m3	2525
	Local estimate 01-08-01 for the Boyarka-Ivankiv Du500 main gas pipeline	-	-
-	-	-	-
-	<u>Section 1. Earthworks</u>	-	-
-	-	-	-
1		3	4
546	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a kov with a capacity of 0.4 [0.3-0.45] m3, soil group 2 / when developing trenches /	m3	1452
547	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	m3	72,6
548	Backfill of trenches and pits with bulldozers with a capacity of 59 kW [80 hp] with the movement of the soil up to 5 m, soil group 1	m3	1296
549	Fill by hand trenches, grooves of pits and pits, soil group 1	m3	64,8
	Section 2. Installation works	-	-
550	Laying steel water pipes with hydraulic testing, pipe diameter 600 mm	m	514,5
551	Threads of pipeline through casing, pipeline diameter 500 mm	m	142,5
552	Laying of steel water pipes with erratic testing, pipe diameter 700 mm (case)	m	142,5

553	Insulation of joints of gas pipelines with shrinking couplings in flat-hill terrain, pipeline diameter 350-700 mm	м2	137,34
554	Clogging of the case with a diameter of up to 800 mm	case	1
555	Arrangement of metal support rings and unloading devices on pipelines with a diameter from 325 mm to 820 mm, the thickness of the insulation layer is 40 mm	м	142,5
556	Installation of steel-style parts for pipelines with a diameter of 500 mm	t	0,3088
557	Air purification and hydraulic testing, pipeline diameter 700 mm (case and pipe)	км	0,7995
558	Exhaust candles on the protective casings of gas pipelines, the conditional diameter of the candle is 50 mm, 1 candle	candle	1
559	Pointing signs along the pipeline route	pcs	6
560	Manual gas cutting of sheet steel, sheet thickness 4 mm	м	16
561	Fitting into operating low pressure steel gas pipelines up to 4.9 kPa [0.05 kgf/cm ²] under pressure-reduced gas, gas pipeline diameter 500 mm	pcs	2
Section 3. Dismantling		-	-
562	(Dismantling)Laying steel water pipes with hydraulic testing, pipe diameter 75 mm	м	477
563	Transportation of steel pipes with a diameter of less than 500 mm by general transport with a trailer to the distance of 80 km	t	2,194
	Local estimate 01-08-02 for electrochemical protection for steel gas pipeline	-	-
564	Installation of didno-resistor unit BZK-2-10-UZ on a pedestal	pcs	2
565	Installation of single packaged tread in powder activator	pcs	14
566	Installing the control and measuring column of metal	pcs	2
567	Cable up to 35 kV, laid in finished trenches without coatings, weight 1 m to 1 kg	м	320
568	Arrangement of general-purpose reinforced concrete foundations for columns up to 3 m ³	м3	0,16
569	Connection of drainage cables to the pipeline	pcs	20
	Local estimate 01-09-01 for clearing the riverbed and floodplains from the bush	-	-
1		3	4
570	Snag of dense shrubs and small forests in the soils of natural beakers-collectors on a tractor capacity of 79 kW [108 hp.]	ha	1
571	Raking cut or uprooted thick shrubs and small-forested shrub rakes on a tractor with a capacity of 79 kW [108 hp] with movement up to 20 m	ha	1
572	Shaking of shafts from dense shrubs, small forests and roots by uprooting collectors on a tractor with a capacity of 79 kW [108 hp.]	ha	1

573	Transportation of timber by general transport with semi-trailer to the distance of 1 km	t		24,9
	Local estimate 01-010-01 for clearing the riverbed and floodplains from the shrub	-	-	-
574	Snag of dense shrubs and small forests in the soils of natural beakers-collectors on a tractor capacity of 79 kW [108 hp.]	ha	-	1
575	Raking cut or uprooted thick shrubs and small-forested shrub rakes on a tractor with a capacity of 79 kW [108 hp] with movement up to 20 m	ha		1
576	Shaking of shafts from dense shrubs, small forests and roots by uprooting collectors on a tractor with a capacity of 79 kW [108 hp.]	ha		1
577	Transportation of timber by general transport with semi-trailer to the distance of 30 km	t		24,9
	Local estimate 01-011-01 for clearing the riverbed and floodplains from the shrub	-	-	-
578	Snag of dense shrubs and small forests in the soils of natural beakers-collectors on a tractor capacity of 79 kW [108 hp.]	ha	-	5
579	Raking cut or uprooted thick shrubs and small-forested shrub rakes on a tractor with a capacity of 79 kW [108 hp] with movement up to 20 m	ha		5
580	Shaking of shafts from dense shrubs, small forests and roots by uprooting collectors on a tractor with a capacity of 79 kW [108 hp.]	ha		5
581	Transportation of firewood to the distance of 30 km	t		124,5
	Local estimate 02-01-01 for the arrangement of the earthen canvas	-	-	-
582	Removal of plant soil on whole with bulldozers with a capacity of 121 kW [165 hp] with soil movement up to 10 m, soil group 1	m3	-	235230,4
583	Add for every subsequent 10 m of soil movement [over 10 m] by bulldozers with a capacity of 121 kW [165 hp], a group of soils 1	m3		235230,4
584	Perched plant soil by bulldozers with a capacity of 121 kW [165 hp] with soil movement up to 10 m, soil group 1 / earlier loosen soil /	m3		235230,4
585	Planning of the base area of the embankment in a mechanized way, soil group 1	+H802:H822m2		1176152
586	Transportation of soil by dump trucks to the distance of 28 km	t		77615,01
587	Transportation of soil by dump trucks to the distance of 29 km	t		246443,505
588	Transportation of soil by dump trucks to the distance of 30 km	t		848629,32
589	Transportation of soil by dump trucks to the distance of 31 km	t		248270,055
590	Transportation of soil by dump trucks to the distance of 32 km	t		125707,56
591	Transportation of soil by dump trucks to the distance of 33 km	t		151170,69

592	Transportation of soil by dump trucks to the distance of 34 km	t	194312,91
593	Transportation of soil by dump trucks to the distance of 50 km	t	46834,26
1		3	4
594	Transportation of soil by dump trucks to the distance of 49 km	t	232137,51
595	Transportation of soil by dump trucks to the distance of 48 km	t	206008,11
596	Transportation of soil by dump trucks to the distance of 47 km	t	163742,7
597	Transportation of soil by dump trucks to the distance of 46 km	t	218674,5
598	Transportation of soil by dump trucks to the distance of 45 km	t	145878,15
599	Transportation of soil by dump trucks to the distance of 44 km	t	114996,09
600	Transportation of soil by dump trucks to the distance of 43 km	t	160884,24
601	Transportation of soil by dump trucks to the distance of 42 km	t	162176,19
602	Transportation of soil by dump trucks to the distance of 41 km	t	76606,365
603	Transportation of soil by dump trucks to the distance of 40 km	t	208477,995
604	Transportation of soil by dump trucks to the distance of 39 km	t	50,655
605	Transportation of soil by dump trucks to the distance of 28 km	t	9490,8
606	Transportation of soil by dump trucks to the distance of 29 km	t	14764,2
607	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 30 cm	m3	2276173,3
608	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 30 cm	m3	2276173,3
609	Watering with water of the ingested soil	m3	1138086,65
610	Area planning in a mechanized way, soil group 2	m2	779580
611	Cutting of soil (additional soil) with loading on self-dropper trucks with single-slip diesel single-slip trucks with a kovsh capacity of 1, 25 [1,25-1,5] m3, soil group 2	m3	14700
612	Transportation of soil by dump trucks to the distance of 1.2 km	t	24255
613	Soil load on self-dropper trucks with single-slip diesel cars on track with a 1.25m3 kovsh, soil group 1 for the ground canvas on the dead end of PC 135+95	m3	14700
614	Transportation of soil up to 5 km	t	24255
615	Planning of slopes of mounds by excavator-planner, soil group 1	m2	204157
616	Load of plant soil on trucks- dump trucks excavators single-kovsh diesel on track with a 1.25 m3 kovshch, soil group 1	m3	32093,4
617	Transportation of soil up to 1 km	t	38512,08
618	Fortification of slopes of earthen structures by sowing perennial herbs in a mechanized way	m2	204157

619	Watering herbs with water	м2	204157
620	Development of soil with loading on dump trucks by excavators with single-slip diesel on track with a kovsh capacity of 1.25 [1,25-1,5] m3, soil group 1	м3	28719
621	Transportation of soil up to 1 km	t	47386,4
622	Planing the fabric of notable milkings in a mechanized way, a group of soils 2	м2	127050
623	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 30 cm	м3	2276173,3
624	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 30 cm	м3	2276173,3
625	Planning slopes notches excavator- planner, soil group 1	м2	6346
626	Load of plant soil on trucks- dump trucks excavators single-kovsh diesel on track with a 1.25 m3 kovshch, soil group 1	м3	997,9
1		3	4
627	Transportation of soil up to 1 km	t	1197,48
628	Fortification of slopes of earthen structures by sowing perennial herbs in a mechanized way	м2	6346
629	Watering herbs with water	м2	6346
630	Loading of plant soil on trucks dumper trucks by single-bucket diesel excavators caterpillar-type backhoes with a bucket capacity of 1.25 m3, soil group 1	м3	28822,5
631	Transportation of soil up to 1 km	t	34587
632	Fortification of the area under the corridor for underground communications sowing herbs	м2	183000
	Local estimate 02-01-02 for the arrangement of ditches and drainage trays on the berma (main passage)	-	-
633	Development of soil in ditches with loading on self-dropper trucks with single-slip diesel single-slip diesel cars with a kovsh capacity of 0.65 [0.5-1] m3, soil group 1	м3	9385
634	Transportation of soil up to 1 km	t	15485,3
635	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	938,5
636	Planning the bottom of the ditches by hand, a group of soils 1	м2	3994
637	Layout of slopes by excavator-planner, soil group 1	м2	14964
638	Strengthening the bottom of the ditches of earthen fabric with monolithic concrete slabs 8 cm thick / horizontal surfaces /	м2	9901,6
639	Strengthening of slopes of earthen canvas cuvettes with monolithic concrete slabs 8 cm thick	м2	28467,1

640	Load of previously developed plant soil on self-dropper trucks with single-slip diesel cars on track with a 0.65 kovshch [0.5-1] m3, soil group 1	m3	2985,89
641	Transportation of soil up to 1 km	t	3583,1
642	Fortification of the bottom and slopes of the ditches with the grasses	m2	18958
643	Transportation of soil by dump trucks to the distance of 29 km	t	11062,59
644	Transportation of soil by dump trucks to the distance of 30 km	t	6955,08
645	Transportation of soil by dump trucks to the distance of 31 km	t	13911,315
646	Transportation of soil by dump trucks to the distance of 32 km	t	19058,325
647	Transportation of soil by dump trucks to the distance of 33 km	t	34960,86
648	Transportation of soil by dump trucks to the distance of 34 km	t	34960,86
649	Transportation of soil by dump trucks to the distance of 50 km	t	34960,86
650	Transportation of soil by dump trucks to the distance of 49 km	t	27324,825
651	Transportation of soil by dump trucks to the distance of 48 km	t	27324,66
652	Transportation of soil by dump trucks to the distance of 47 km	t	34961,19
653	Transportation of soil by dump trucks to the distance of 46 km	t	26993,01
654	Transportation of soil by dump trucks to the distance of 45 km	t	24891,57
655	Transportation of soil by dump trucks to the distance of 43 km	t	6443,745
656	Transportation of soil by dump trucks to the distance of 42 km	t	2765,73
657	Compaction of the soil by traileed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 30 cm	m3	172039,8
658	Compaction of the soil by traileed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 30 cm	m3	172039,8
659	Watering with water of the ingested soil	m3	86019,9
660	Plan the surface of berm excavator, planner, soil group 1	m2	59724
661	Fortification of berm sowing herbs by hand	m2	59724
1		3	4
	Local estimate 02-01-03 for the arrangement of local open-type treatment facilities (main passage)	-	-
662	Cutting of plant soil on whole with bulldozers with a capacity of 121 kW [165 hp] with soil movement up to 10 m, soil group 1	m3	272
663	Add for every subsequent 10 m of soil movement [over 10 m] by bulldozers with a capacity of 121 kW [165 hp], a group of soils 1	m3	272
664	Perched plant soil by bulldozers with a capacity of 121 kW [165 hp] with soil movement up to 10 m, soil group 1 / earlier loosen soil /	m3	272

665	Development of soil with loading on dump trucks by excavators with single-slip diesel on track with a scoop capacity of 0.4 [0.35-0.45] m3, soil group 1	m3	1360
666	Transportation of soil up to 1 km	t	2244
667	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	m3	136
668	Planning the bottom of the pit in a mechanized way, a group of soils 1	m2	1600
669	Layout of slopes by excavator-planner, soil group 1	m2	1248
670	Compaction of soil by pneumatic tubes, soil group 1, 2	m3	1240
671	Arrangement of crushed stone preparation of thickness. 0,15m on the bottom of the excavation	m3	240
672	Fortification of the bottom of the pit with monolithic concrete B-15	m3	320
673	Arrangement of crushed-crushed crushed-crushed crushed-crushed preparation of thicknesses. 0,15m on the slopes of the pit	m3	187,2
674	Fortification of the slopes of the pit with monolithic concrete B-15	m3	249,6
	Local estimate 02-02-01 for the arrangement of road clothes - the main passage	-	-
-	-	-	-
-	<u>Section 1. Left Passage - New Road Clothes</u>	-	-
-	-	-	-
675	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	131112,614
676	Arrangement of drainage layer of sand thickness.0,30 m	m3	39333,78
677	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	131112,614
678	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	m2	131112,614
679	Arrangement of the base of the résumé-sand mixture C-5 grader, for changes in thickness for each 1 cm add or remove to / from the norm 27-15-1 (up to 0.25 m)	m2	131112,614
680	Arrangement of a base layer 15 cm thick of crushed-sand mixture SHPS-40 treated with cement M-40 asphalt stacker with a width of 7 m	m2	131112,614
681	Arrangement of a layer of the base with a thickness of 15 cm from crushed-sand mixture of SHPS-40 treated with cement M-40 asphalt masonry, for changes in thickness for every 0.5 cm add or remove to/from norms 27-15-3 – 27-15-6	m2	131112,614
682	Casting of adjoining materials with an autogudronator 1l/m2	t	96,368
683	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	131112,614
684	Casting of adjoining materials with an autogudronator 0,4l/m2	t	13,767
685	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	131112,614
1		3	4
686	Casting of adjoining materials with an autogudronator 0,4l/m2	t	13,767

687	Arrangement of the upper layer of coating with a thickness of 5 cm from edeme-mastic asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	131112,614
Section 2. Right Passage - New Road Clothes		-	-
688	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	131112,614
689	Arrangement of drainage layer of sand thickness.0,30 m	m3	39333,78
690	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	131112,614
691	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	m2	131112,614
692	Arrangement of the base from crushed stone-sand mixture C-5 by motor grader, with a change of thickness for every 1 cm add or remove to/from norm 27-15-1 (up to 0.25m)	m2	131112,614
693	Arrangement of a base layer 15 cm thick of crushed-sand mixture SHPS-40 treated with cement M-40 asphalt stacker with a width of 7 m	m2	131112,614
694	Arrangement of a layer of the base with a thickness of 15 cm from crushed-sand mixture of SHPS-40 treated with cement M-40 asphalt masonry, for changes in thickness for every 0.5 cm add or remove to/from norms 27-15-3 – 27-15-6	m2	131112,614
695	Casting of adjoining materials with an autogudronator 1l/m2	t	96,368
696	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	131112,614
697	Casting of adjoining materials with an autogudronator 0,4l/m2	t	13,767
698	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	131112,614
699	Casting of adjoining materials with an autogudronator 0,4l/m2	t	13,767
700	Arrangement of the upper layer of coating with a thickness of 5 cm from edeme-mastic asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	131112,614
Local estimate 02-02-02 for the device of road clothes - fortification strip separating strip		-	-
-	-	-	-
Section 1. Left Passage - New Road Clothes		-	-
701	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	50259,81
702	Arrangement of drainage layer of sand thickness.0,30 m	m3	13504,59
703	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	27708,45
704	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	m2	23338,03
705	Plastering the base with crushed stone and asphalt mixture C-5 by a motor grader, for the change in thickness by every 1 cm add or remove to/from norm 27-15-1 (up to 0.25 m)	m2	23338,03
706	Arrangement of a base layer 15 cm thick of crushed-sand mixture CSM-40 treated with cement M-40 asphalt stacker with a width of 7 m	m2	20540,96

707	Arrangement of a layer of the base with a thickness of 15 cm from crushed-sand mixture of CSM-40 treated with cement M-40 asphalt masonry, for changes in thickness for every 0.5 cm add or remove to/from norms 27-15-3 – 27-15-6	m2	20540,96
708	Casting of adjoining materials with an autogudronator 1l/m2	t	11,243
709	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	14422,38
710	Casting of adjoining materials with an autogudronator 0,4l/m2	t	1,514
1		3	4
711	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	13548,3
712	Casting of adjoining materials with an autogudronator 0,4l/m2	t	1,423
713	Arrangement of the upper layer of coating with a thickness of 5 cm from edeme-mastic asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	13111,261
	Section 2. Right Passage - New Road Clothes	-	-
714	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	50259,81
715	Arrangement of drainage layer of sand thickness.0,30 m	m3	13504,59
716	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	27708,45
717	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	m2	23338,03
718	Arrangement of the base from crushed stone-sand mixture C-5 by motor grader, with a change of thickness for every 1 cm add or remove to/from norm 27-15-1 (up to 0.25m)	m2	23338,03
719	Arrangement of a base layer 15 cm thick of crushed-sand mixture CSM-40 treated with cement M-40 asphalt stacker with a width of 7 m	m2	20540,96
720	Arrangement of a layer of the base with a thickness of 15 cm from crushed-sand mixture of CSM-40 treated with cement M-40 asphalt masonry, for changes in thickness for every 0.5 cm add or remove to/from norms 27-15-3 – 27-15-6	m2	20540,96
721	Casting of adjoining materials with an autogudronator 1l/m2	t	11,243
722	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	14422,38
723	Casting of adjoining materials with an autogudronator 0,4l/m2	t	1,514
724	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	13548,3
725	Casting of adjoining materials with an autogudronator 0,4l/m2	t	1,423
726	Arrangement of the top layer of the pavement with a thickness of 5 cm with macadam-mastic asphalt mixtures by an asphalt paver at a paving width of 7 m	m2	13111,261
	Local estimate 02-02-03 for the device of road clothes - on the stopping and fortification lanes of the roadside	-	-

-	-	-	-
-	<u>Section 1. Left Passage - New Road Clothes</u>	-	-
727	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	117611
728	Arrangement of drainage layer of sand thickness.0,30 m	m3	32656,69
729	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	64310,53
730	Arrangement of the foundation of crushed stone-sand mixture C-5	m2	60141,3
731	with a motor grader, with a thickness of the layer 15 cm Arrangement of the base from crushed stone-sand mixture C-5	m2	60141,3
732	by motor grader, with a change of thickness for every 1 cm add or remove to/from norm 27-15-1 (up to 0.25m) Arrangement of a 15 cm layer of base course with crushed stone and sand mixture	m2	57472,99
733	CSM-40 treated with cement M-40 by an asphalt paver at a paving width of 7 m Arrangement of a 15 cm layer of base course with crushed stone and sand mixture	m2	57472,99
734	sandy aggregate-sandy mixture treated with cement M-40 by the paver, changing the thickness by every 0,5 cm The thickness varies by every 0.5 cm, add or remove up to/from norms 27-15-3 to 27-15-6 Spillage of binding materials with an autogudronator 1 l/m2	t	38,565
1		3	4
735	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	52069,77
736	Casting of adjoining materials with an autogudronator 0,4l/m2	t	5,467
737	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	51669,62
738	Casting of adjoining materials with an autogudronator 0,4l/m2	t	5,425
739	Arrangement of the upper layer of coating with a thickness of 5 cm from edeme-mastic asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	51469,55
740	Installation of concrete side stones BR.100.30.18 on a concrete base of more than 150 mm	m	8674
	<u>Section 2. Right Passage - New Road Clothes</u>	-	-
741	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	117612
742	Arrangement of drainage layer of sand thickness.0,30 m	m3	32530,24
743	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	63162,67
744	Arrangement of the foundation of crushed stone-sand mixture C-5	m2	58792,25
745	with a motor grader, with a thickness of the layer 15 cm Arrangement of the base from crushed stone-sand mixture C-5	m2	58792,25
	by motor grader, with a change of thickness for every 1 cm add or remove to/from norm 27-15-1 (up to 0.25m)		

746	Arrangement of a 15 cm layer of base course with crushed stone and sand mixture sandy aggregate mix MPS-40 treated with cement M-40 by an asphalt paver at a paving width of 7 m	m2	57472,99
747	Arrangement of a 15 cm layer of base course with crushed stone and sand mixture sandy aggregate-sandy mixture treated with cement M-40 by the paver, changing the thickness by every 0,5 cm The thickness varies by every 0.5 cm, add or remove up to/from norms 27-15-3 to 27-15-6	m2	57472,99
748	Casting of adjoining materials with an autogudronator 1l/m2	t	38,565
749	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	52069,77
750	Casting of adjoining materials with an autogudronator 0,4l/m2	t	5,467
751	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	51669,62
752	Casting of adjoining materials with an autogudronator 0,4l/m2	t	5,425
753	Arrangement of the top layer of the pavement with a thickness of 5 cm with macadam-mastic asphalt mixtures by an asphalt paver at a paving width of 7 m	m2	51469,55
754	Installation of concrete side stones BR.100.30.18 on a concrete base of more than 150 mm	m	8642
	Local estimate 02-02-04 for drainage structures from the carriageway	-	-
755	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	m3	43,05
756	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	m3	2
757	Arrangement of drainage structures from the carriageway of open trays on the roadside	m3	9,717
758	Arrangement of rubble pads under the horizontal and under the grooves between the blocks	m3	12,3
759	Arrangement of a monologue horizontal platform	m3	12,3
760	Filling the grooves between blocks of concrete	m3	6,56
761	Laying of pipelines from polyethylene pipes with a diameter of 315 mm with hydraulic testing	m	92,25
1		3	4
762	Fill by hand trenches, grooves of pits and pits, soil group 1	m3	4,305
763	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	m3	360
764	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	m3	18
765	Arrangement of drainage structures from the carriageway of open trays on the roadside	m3	99,303
766	Arrangement of a monolithic horizontal platform	m3	103,74
767	Filling the grooves between blocks of concrete	m3	50,28

768	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	36
769	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 м3, soil group 1	м3	493
770	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	25
771	Arrangement of drainage structures from the carriageway of trays in the slopes of the embankment	м	2597
772	Filling the grooves between blocks of concrete	м3	41,54
773	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	10,5
774	Development of soil in the dump excavators "dragline" or "reverse shovel" with a kov with a capacity of 0.25 м3, soil group 1	м3	27,07
775	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	1,37
776	Arrangement of drainage structures from the carriageway of extinguishers	damper	17
777	Arrangement of rubble pads under the horizontal	м3	12,92
778	Arrangement of concrete horizontal platform type 1 and spreaders	м3	11,9
779	Filling grooves between blocks of concrete B20	м3	1,36
780	Arrangement of joints with concrete B15	м3	0,204
781	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	2,737
782	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 м3, soil group 1	м3	37,65
783	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	1,88
784	Arrangement of gravel base for B-9	м3	4,52
785	Arrangement of reinforced concrete stoppers	шт	251
786	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	3,765
787	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 м3, soil group 1	м3	8,1
788	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	0,41
789	Arrangement of edebel base for B-9	м3	0,97
790	Arrangement of reinforced concrete stoppers	шт	54
791	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	0,81
1		3	4
792	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 м3, soil group 1	м3	78,66

793	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	m3	3,933
794	Arrangement of celestial pillows for blocks	m3	2,484
795	Arrangement of reinforced concrete stoppers	pcs	138
796	Arrangement of chip cushions on the bottom of the ditch and on the slope under the platform	m3	31,05
797	Arrangement of slabs of concrete flat on the bottom of the ditch and concrete slope heavy B 20 (M 250), the size of the aggregate 20-40mm	m3	31,05
798	Fill by hand trenches, grooves of pits and pits, soil group 1	m3	7,866
	Local estimate 02-02-05 for drainage structures from the dividing strip on the main road	-	-
799	Development of soil with loading on dump trucks by excavators with single-slip diesel on pneumatic wheel drive with a kovsh capacity of 0.25 m3, soil group 1	m3	693
800	Transportation of soil up to 1 km	t	1272,15
801	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	m3	69
802	Arrangement of drainage structures from the carriageway of water-taking wells of reinforced concrete	well	55
803	Punching holes	pcs	55
804	Waterproofing lubrication bitumen in 2 layers	m2	203,5
805	Arrangement of gravel base for pipelines	m3	303,38
806	Laying pipelines from polyethylene pipes with a diameter of 300 mm with hydraulic testing	m	1379
807	Arrangement of concrete ware with V-35	m3	8,46
808	Arrangement of crushed stone pads under the flume	m3	2722,1
809	Arrangement of a concrete tray on the separating strip	m3	2177,66
810	Development of soil with loading on dump trucks by excavators with single-slip diesel on pneumatic wheel drive with a kovsh capacity of 0.25 m3, soil group 1	m3	26
811	Transportation of soil up to 1 km	t	14,85
812	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	m3	3
813	Arrangement of drainage structures from the carriageway of trays in the slopes of the embankment	m	101,72
814	Fill by hand trenches, grooves of pits and pits, soil group 1	m3	20
815	Development of soil with loading on dump trucks by excavators with single-slip diesel on pneumatic wheel drive with a kovsh capacity of 0.25 m3, soil group 1	m3	38
816	Transportation of soil up to 1 km	t	28,05
817	Arrangement of drainage structures from the carriageway of extinguishers	damper	32
818	Arrangement of rubble pads under the horizontal	m3	26,08
819	Arrangement of concrete spreaders	m3	1,28

820	Arrangement of a horizontal platform type 1 and joints with concrete	м3	26,79
821	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	21
1		3	4
822	Arrangement of gravel base for B-9	м3	2,9
823	Arrangement of reinforced concrete stoppers	pcs	16
824	Arrangement of gravel cushions under a horizontal platform	м3	3,36
825	Arrangement of a horizontal platform	м3	3,36
826	Arrangement of gravel base for B-9	м3	1,26
827	Arrangement of reinforced concrete stoppers	шт	7
828	Development of soil with loading on dump trucks by excavators with single-slip diesel on pneumatic wheel drive with a kovsh capacity of 0.25 м3, soil group 1	м3	7872
829	Transportation of soil up to 1 km	t	12988,8
830	Arrangement of a celestial base for pipelines	м3	874,75
831	Laying pipelines from polyethylene pipes with a diameter of 150 mm with hydraulic testing	м	17495
832	Backing trenches with rubble bulldozers with a capacity of 96 kW	м3	4526
833	Reinforcement of layers of asphalt pavement with geotexts	м2	52485
	Local estimate 02-02-06 for the arrangement of bulk roadside (main passage)	-	-
-	-	-	-
-	<u>Section 1. Curbs</u>	-	-
-	-	-	-
834	Transportation of soil by dump trucks to the distance of 28 km	t	1937,1
835	Transportation of soil by dump trucks to the distance of 29 km	t	2771,01
836	Transportation of soil by dump trucks to the distance of 30 km	t	3134,505
837	Transportation of soil by dump trucks to the distance of 31 km	t	3291,42
838	Transportation of soil by dump trucks to the distance of 32 km	t	3303,795
839	Transportation of soil by dump trucks to the distance of 33 km	t	3294,885
840	Transportation of soil by dump trucks to the distance of 34 km	t	3291,42
841	Transportation of soil by dump trucks to the distance of 50 km	t	3305,61
842	Transportation of soil by dump trucks to the distance of 49 km	t	3307,425
843	Transportation of soil by dump trucks to the distance of 48 km	t	3300,33
844	Transportation of soil by dump trucks to the distance of 47 km	t	3289,605
845	Transportation of soil by dump trucks to the distance of 46 km	t	3330,525
846	Transportation of soil by dump trucks to the distance of 45 km	t	2986,665
847	Transportation of soil by dump trucks to the distance of 44 km	t	2970,66
848	Transportation of soil by dump trucks to the distance of 43 km	t	3289,605

849	Transportation of soil by dump trucks to the distance of 42 km	t	3289,605
850	Transportation of soil by dump trucks to the distance of 41 km	t	3421,44
851	Transportation of soil by dump trucks to the distance of 40 km	t	2159,85
852	Transportation of soil by dump trucks to the distance of 39 km	t	1094,115
853	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 30 cm	m3	31857
854	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 30 cm	m3	31857
855	Watering with water of the ingested soil	m3	15928,5
856	Roadside planning in a mechanized way, soil group 2	m2	69339
857	Load of vegetable soil from a temporary dump truck on a self-dropper truck with single-slip diesel on track with a 1.25 kovshch [1,25-1,5] m3, soil group 1	m3	10920,89
858	Transportation of soil up to 1 km	t	13105,068
859	Fortification by the roadside sowing of herbs	m2	69339
860	Watering herbs with water	m2	69339
	Section 2. Punction Bar	-	-
-	-	-	-
1		3	4
861	Transportation of soil by dump trucks to the distance of 28 km	t	2630,265
862	Transportation of soil by dump trucks to the distance of 29 km	t	3506,91
863	Transportation of soil by dump trucks to the distance of 30 km	t	3367,98
864	Transportation of soil by dump trucks to the distance of 31 km	t	3506,91
865	Transportation of soil by dump trucks to the distance of 32 km	t	3506,91
866	Transportation of soil by dump trucks to the distance of 33 km	t	3506,91
867	Transportation of soil by dump trucks to the distance of 34 km	t	3506,91
868	Transportation of soil by dump trucks to the distance of 50 km	t	3506,91
869	Transportation of soil by dump trucks to the distance of 49 km	t	3465,99
870	Transportation of soil by dump trucks to the distance of 48 km	t	3462,36
871	Transportation of soil by dump trucks to the distance of 47 km	t	4957,59
872	Transportation of soil by dump trucks to the distance of 46 km	t	1969,11
873	Transportation of soil by dump trucks to the distance of 45 km	t	3506,91
874	Transportation of soil by dump trucks to the distance of 44 km	t	3506,91
875	Transportation of soil by dump trucks to the distance of 43 km	t	3506,91
876	Transportation of soil by dump trucks to the distance of 42 km	t	3506,91
877	Transportation of soil by dump trucks to the distance of 41 km	t	3506,91
878	Transportation of soil by dump trucks to the distance of 40 km	t	2029,665

879	Transportation of soil by dump trucks to the distance of 39 km	t	1053,195
880	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 30 cm	m3	34519
881	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 30 cm	m3	34519
882	Watering with water of the ingested soil	m3	17259,5
883	Planning a dividing strip in a mechanized way, soil group 2	m2	211528
884	Load of vegetable soil from a temporary dump truck on a self-dropper truck with single-slip diesel on track with a 1.25 kovshch [1,25-1,5] m3, soil group 1	m3	29028,4
885	Transportation of soil up to 1 km	t	34834,08
886	Strengthening the separating strip of sowing herbs	m2	184307
	Local estimate 02-03-01 for the arrangement of transport interchange PC 9+62,03 a.d. Kyiv-Kovel	-	-
-	-	-	-
-	<u>Section 1. Earthworks</u>	-	-
-	-	-	-
887	Removal of plant soil on whole with bulldozers with a capacity of 121 kW [165 hp] with soil movement up to 10 m, soil group 1	m3	8997
888	Add for every subsequent 10 m of soil movement [over 10 m] by bulldozers with a capacity of 121 kW [165 hp], a group of soils 1	m3	8997
889	Perched plant soil by bulldozers with a capacity of 121 kW [165 hp] with soil movement up to 10 m, soil group 1 / earlier loosen soil /	m3	8997
890	Cutting of plant soil from existing slopes to the dump by excavators "dragline" or "reverse shovel" with a substance 1.25 [1,4-1,5] m3, soil group 1	m3	494,34
891	Movement of plant soil by bulldozers with a capacity of 121 kW [165 hp] to 10 m, soil group 1 /earlier loosen soil/	m3	494,34
892	Add for every subsequent 10 m of soil movement [over 10 m] by bulldozers with a capacity of 121 kW [165 hp], a group of soils 1	m3	494,34
893	Perched plant soil by bulldozers with a capacity of 121 kW [165 hp] with soil movement up to 10 m, soil group 1 / earlier loosen soil /	m3	494,34
1		3	4
894	Disassembly of the existing earth flyer with load on self-dropper trucks with single-slip diesel cars on track with a scoop capacity of 1, 25 [1,25-1,5] m3, soil group 1	m3	16777,58
895	Transportation of soil up to 1 km	t	27683
896	Planning the area of the base of the embankment in places of cutting of plant soil in a mechanized way, a group of soils 1	m2	35988
897	Planning of the area in the places of disassembly of the existing earthpole mechanized method, soil group 1	m2	13935,5

898	The saturation of previously developed plant soil to strengthen the area at the disassembly sites of the existing earth-lying bulldozers with a capacity of 121 kW [165 hp] with the movement of the soil up to 10 m, a group of soils 1 / earlier loosened soil /	m3	6862,6
899	Add for every subsequent 10 m of soil movement [over 10 m] by bulldozers with a capacity of 121 kW [165 hp], a group of soils 1	m3	6862,6
900	Herbs in the places of disassembly of the existing earth.	m2	21785,94
901	Transportation of soil by dump trucks to the distance of 28 km	t	251058,9
902	Transportation of soil by dump trucks to the distance of 28 km	t	30657,5
903	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 30 cm	m3	158090
904	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 30 cm	m3	158090
905	Watering with water of the ingested soil	m3	79045
906	Area planning in a mechanized way, soil group 2	m2	35988
907	Cutting of soil (additional soil) with loading on self-dropper trucks with single-slip diesel single-slip trucks with a scoop capacity of 1, 25 [1,25-1,5] m3, soil group 2	m3	18580,3
908	Transportation of soil up to 7 km	t	30657,5
909	Layout of slopes by excavator-planner, soil group 1	m2	17204,41
910	Saturation of previously developed plant soil from the dump for strengthening slopes with bulldozers with a capacity of 121 kW [165 hp] with the movement of soil up to 10 m, a group of soils 1 / earlier loosened soil /	m3	2709,6
911	Add for every subsequent 10 m of soil movement [over 10 m] by bulldozers with a capacity of 121 kW [165 hp], a group of soils 1	m3	2709,6
912	Fortification of slopes of earthen structures by sowing perennial herbs in a mechanized way	m2	17204,41
913	Watering herbs with water	m2	17204,41
914	Development of soil in ditches with loading on self-dropper trucks with single-slip diesel single-slip diesel cars with a kovsh capacity of 0.65 [0.5-1] m3, soil group 1	m3	320
915	Transportation of soil up to 1 km	t	528
916	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	m3	32
917	Planning the bottom of the ditches by hand, a group of soils 1	m2	79
918	Layout of slopes by excavator-planner, soil group 1	m2	769
919	Saturation of previously developed plant soil from the dump to strengthen the cuvettes with bulldozers with a capacity of 121 kW [165 hp] with the movement of the soil up to 10 m, soil group 1	m3	133,6
1		3	4

920	Add for every subsequent 10 m of soil movement [over 10 m] by bulldozers with a capacity of 121 kW [165 hp], a group of soils 1	m3	133,6
921	Fortification of the bottom and slopes of the ditches with the grasses	m2	848
Section 2. Main fare			
922	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	8794,39
923	Arrangement of drainage layer of sand thickness.0,30 m	m3	2638,317
924	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	8794,39
925	Arrangement of the foundation of crushed stone-sand mixture C-5	m2	8794,39
926	Arrangement of the base from crushed stone-sand mixture C-5 with a motor grader, with a thickness of the layer 15 cm	m2	8794,39
927	Arrangement of a 15 cm layer of base course with crushed stone and sand mixture sandy aggregate mix CSM-40 treated with cement M-40 by an asphalt paver at a paving width of 7 m	m2	8794,39
928	Casting of adjoining materials with an autogudronator 1l/m2	t	6,464
929	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	8794,39
930	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,923
931	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	8794,39
932	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with asphalt-masonry, for changes in thickness for every 0.5 cm add to the norms 27- 26-1 - 27-26-4	m2	-8794,39
933	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,923
934	Arrangement of the top layer of the pavement with a thickness of 5 cm with macadam-mastic asphalt mixtures by an asphalt paver at a paving width of 7 m	m2	8794,39
935	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,726
936	Arrangement of the leveling layer of coating of asphalt-concrete mixtures with asphalt stacker for the width of laying 7 m	t	497,76
937	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	6914,53
938	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with asphalt-masonry, for changes in thickness for every 0.5 cm add to the norms 27- 26-1 - 27-26-4	m2	-6914,53
939	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,726
940	Arrangement of the upper layer of coating with a thickness of 5 cm from edeme-mastic asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	6914,53

	Section 3. Stopping and fortification strip on the roadside	-	-
941	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	27786
942	Arrangement of drainage layer of sand thickness.0,30 m	m3	7676,04
943	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	5002,74
944	Arrangement of the base of the crushed stone and sand mixture C-5 grader, with a layer thickness of 15 cm	m2	3955,48
945	Arrangement of the base of the crushed stone and sand mixture C-5 grader, for changes in thickness for each 1 cm add or remove to / from the norm 27-15-1 (up to 0.25 m)	m2	3955,48
1		3	4
946	Arrangement of a 15 cm layer of base course with crushed stone and sand mixture sandy aggregate mix MPS-40 treated with cement M-40 by an asphalt paver at a paving width of 7 m	m2	3327,12
947	Casting of adjoining materials with an autogudronator 1l/m2	t	1,522
948	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	1924,61
949	Casting of adjoining materials with an autogudronator 1.5l/m2	t	0,759
950	Reinforcement of layers of asphalt pavement with geogross	m2	482
951	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,151
952	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	1837,13
953	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with asphalt-masonry, for changes in thickness for every 0.5 cm add to the norms 27- 26-1 - 27-26-4	m2	-1837,13
954	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,193
955	Arrangement of the top layer of the pavement with a thickness of 5 cm with macadam-mastic asphalt mixtures by an asphalt paver at a paving width of 7 m	m2	1764,23
956	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,914
957	Arrangement of the leveling layer of coating of asphalt-concrete mixtures with asphalt stacker for the width of laying 7 m	t	626,904
958	Casting of adjoining materials with an autogudronator 1.5l/m2	t	0,759
959	Reinforcement of layers of asphalt pavement with geogross	m2	482
960	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	8707,77
961	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with asphalt-masonry, for changes in thickness for every 0.5 cm add to the norms 27- 26-1 - 27-26-4	m2	-8707,77
962	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,914

963	Arrangement of the upper layer of coating with a thickness of 5 cm from edeme-mastic asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	8707,77
964	Installation of concrete side stones BR.100.30.18 on a concrete base of more than 150 mm	m	1274
	Section 4. Sprinkling roadsides	-	-
965	Transportation of soil by dump trucks to the distance of 28 km	t	2337,89
966	Compaction of the soil by traileed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	m3	1311,9
967	Compaction of the soil by traileed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 25 cm	m3	1311,9
968	Watering with water of compacting soil in embankment	m3	655,95
969	Roadside planning in a mechanized way, soil group 2	m2	237
970	Loading of plant soil in a temporary dump truck on a self-dropper truck with single-slip diesel trucks on track with a substance 1.25 [1,25-1,5] m3, soil group 1	m3	570,8
971	Transportation of soil up to 1 km	t	684,96
972	Fortification by the roadside sowing of herbs with a fill of vegetable soil thickness. 0,15 m	m2	3612,67
973	Watering herbs with water	m2	3612,67
1		3	4
	Local estimate 02-03-02 for the arrangement of exits at the transport interchange	-	-
	Section 1. Congress No1	-	-
974	Removal of plant soil on whole with bulldozers with a capacity of 121 kW [165 hp] with soil movement up to 10 m, soil group 1	m3	3809
975	Add for every subsequent 10 m of soil movement [over 10 m] by bulldozers with a capacity of 121 kW [165 hp], a group of soils 1	m3	3809
976	Perched plant soil by bulldozers with a capacity of 121 kW [165 hp] with soil movement up to 10 m, soil group 1 / earlier loosen soil /	m3	3809
977	Planning the area of the base area of the embankment base in places of cutting plant soil in a mechanized way, soil group 1	m2	12696,7
978	Transportation of soil by dump trucks to the distance of 28 km	t	36347,5
979	Transportation of soil by dump trucks to the distance of 28 km	t	11109
980	Compaction of the soil by traileed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 30 cm	m3	26631
981	Compaction of the soil by traileed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 30 cm	m3	26631
982	Watering with water of the ingested soil	m3	13315,5

983	Area planning in a mechanized way, soil group 2	м2	8776
984	Cutting of soil (additional soil) with loading on self-dropper trucks with single-slip diesel single-slip trucks with a kovsh capacity of 1, 25 [1,25-1,5] м3, soil group 2	м3	6732,7
985	Transportation of soil up to 7 km	т	11109
986	Planning of slopes of mounds by excavator-planner, soil group 1	м2	6234
987	Saturation of previously developed plant soil from the dump for strengthening slopes with bulldozers with a capacity of 121 kW [165 hp] with the movement of soil up to 10 m, a group of soils 1 / earlier loosened soil /	м3	920,6
988	Add for every subsequent 10 m of soil movement [over 10 m] by bulldozers with a capacity of 121 kW [165 hp], a group of soils 1	м3	920,6
989	Fortification of slopes of earthen structures by sowing perennial herbs in a mechanized way	м2	6234
990	Watering herbs with water	м2	6234
991	Development of soil in ditches with loading on self-dropper trucks with single-slip diesel single-slip diesel cars with a scoop capacity of 0.65 [0.5-1] м3, soil group 1	м3	38
992	Transportation of soil up to 1 km	т	62,7
993	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	3,8
994	Planning the bottom of the ditches by hand, a group of soils 1	м2	62
995	Layout of slopes by excavator-planner, soil group 1	м2	555
996	Saturation of previously developed plant soil from the dump to strengthen the cuvettes with bulldozers with a capacity of 121 kW [165 hp] with the movement of the soil up to 10 m, a group of soils 1 / earlier loosened soil /	м3	97,3
1		3	4
997	Add for every subsequent 10 m of soil movement [over 10 m] by bulldozers with a capacity of 121 kW [165 hp], a group of soils 1	м3	97,3
998	Fortification of the bottom and slopes of the ditches with the grasses	м2	617
999	Stabilization of the soil base of the earthen canvas when using geotextile material	м2	8776
1000	Arrangement of drainage layer of sand thickness.0,20 m	м3	1649,72
1001	Stabilization of the soil base of the earthen canvas when using geotextile material	м2	6192
1002	Arrangement of the base of the crushed stone and sand mixture C-5 grader, with a layer thickness of 15 cm	м2	5815,3
1003	Arrangement of the base of the crushed stone and sand mixture C-5 grader, for changes in thickness for each 1 cm add or remove to / from the norm 27-15-1 (up to 0.25 m)	м2	5815,3
1004	Arrangement of a 15 cm layer of base course with crushed stone and sand mixture	м2	5589,25
1005	sandy aggregate mix ShPS-40 treated with cement M-20 by an asphalt paver at a paving width of 7 m Casting of adjoining materials with an autogudronator 1l/m2	т	3,776

1006	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	м2	5099,56
1007	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,535
1008	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	м2	5095,8
1009	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with asphalt-masonry, for changes in thickness for every 0.5 cm add to the norms 27- 26-1 - 27-26-4	м2	-5095,8
1010	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,535
1011	Arrangement of the upper layer of coating with a thickness of 5 cm from edeme-mastic asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	м2	5058,13
1012	Installation of concrete side stones BR.100.30.18 on a concrete base of more than 150 mm	м	753
1013	Transportation of soil by dump trucks to the distance of 28 km	t	1589,54
1014	Compaction of the soil by traileed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	м3	892
1015	Compaction of the soil by traileed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 25 cm	м3	892
1016	Watering with water of compacting soil in embankment	м3	446
1017	Roadside planning in a mechanized way, soil group 2	м2	1138,75
1018	Loading of plant soil in a temporary dump truck on a self-dropper truck with single-slip diesel trucks on track with a substance 1.25 [1,25-1,5] m3, soil group 1	м3	179,35
1019	Transportation of soil up to 1 km	t	215,22
1020	Fortification by the roadside sowing of herbs with a fill of vegetable soil thickness. 0,15 m	м2	1138,75
1021	Watering herbs with water	м2	1138,75
	Section 2. Congress No2	-	-
1022	Removal of plant soil on whole with bulldozers with a capacity of 121 kW [165 hp] with soil movement up to 10 m, soil group 1	м3	1455
1023	Add for every subsequent 10 m of soil movement [over 10 m] by bulldozers with a capacity of 121 kW [165 hp], a group of soils 1	м3	1455
1		3	4
1024	Perched plant soil by bulldozers with a capacity of 121 kW [165 hp] with soil movement up to 10 m, soil group 1 / earlier loosen soil /	м3	1455
1025	Planning the area of the base of the embankment in places of cutting of plant soil in a mechanized way, a group of soils 1	м2	9700
1026	Transportation of soil by dump trucks to the distance of 28 km	t	41950,1
1027	Transportation of soil by dump trucks to the distance of 28 km	t	11025,3

1028	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 30 cm	m3	29728
1029	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 30 cm	m3	29728
1030	Watering with water of the ingested soil	m3	14864
1031	Area planning in a mechanized way, soil group 2	m2	6482
1032	Cutting of soil (additional soil) with loading on self-dropper trucks with single-slip diesel single-slip trucks with a scoop capacity of 1, 25 [1,25-1,5] m3, soil group 2	m3	6682
1033	Transportation of soil up to 7 km	t	11025,3
1034	Planning of slopes of mounds by excavator-planner, soil group 1	m2	10567
1035	Saturation of previously developed plant soil from the dump for strengthening slopes with bulldozers with a capacity of 121 kW [165 hp] with the movement of soil up to 10 m, a group of soils 1 / earlier loosened soil /	m3	973,9
1036	Add for every subsequent 10 m of soil movement [over 10 m] by bulldozers with a capacity of 121 kW [165 hp], a group of soils 1	m3	973,9
1037	Fortification of slopes of earthen structures by sowing perennial herbs in a mechanized way	m2	6187
1038	Watering herbs with water	m2	6187
1039	Development of soil in ditches with loading on self-dropper trucks with single-slip diesel single-slip diesel cars with a scoop capacity of 0.65 [0.5-1] m3, soil group 1	m3	30
1040	Transportation of soil up to 1 km	T	49,5
1041	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	m3	3
1042	Planning the bottom of the ditches by hand, a group of soils 1	m2	38
1043	Layout of slopes by excavator-planner, soil group 1	m2	150
1044	Ingesting previously developed plant soil from the dump to strengthen the cuvettes with bulldozers with a capacity of 79 kW [108 hp] with the transfer of soil up to 10 m, a group of soils 1[/earlier loosened soil / / earlier loosened soil /	m3	29,6
1045	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	29,6
1046	Fortification of the bottom and slopes of the ditches with the grasses	m2	188
1047	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	6482
1048	Arrangement of drainage layer of sand thickness.0,30 m	m3	1761,549
1049	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	4700
1050	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	m2	4409,3
1		3	4

1051	Arrangement of a 15 cm layer of base course with crushed stone and sand mixture sandy aggregate mix MPS-40 treated with cement M-40 by an asphalt paver at a paving width of 7 m	m2	4409,3
1052	Arrangement of a 15 cm layer of base course with crushed stone and sand mixture sandy aggregate mix MPS-40 treated with cement M-40 by an asphalt paver at a paving width of 7 m	m2	4235
1053	Casting of adjoining materials with an autogudronator 1l/m2	t	2,856
1054	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	3857,24
1055	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,405
1056	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	3839,81
1057	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with asphalt-masonry, for changes in thickness for every 0.5 cm add to the norms 27- 26-1 - 27-26-4	m2	-3839,81
1058	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,403
1059	Arrangement of the upper layer of coating with a thickness of 5 cm from edeme-mastic asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	3825,28
1060	Installation of concrete side stones BR.100.30.18 on a concrete base of more than 150 mm	m	581
1061	Transportation of soil by dump trucks to the distance of 28 km	t	1188,59
1062	Compaction of the soil by traileed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	m3	667
1063	Compaction of the soil by traileed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 25 cm	m3	667
1064	Watering with water of compacting soil in embankment	m3	333,5
1065	Roadside planning in a mechanized way, soil group 2	m2	880,02
1066	Loading of plant soil in a temporary dump truck on a self-dropper truck with single-slip diesel trucks on track with a substance 1.25 [1,25-1,5] m3, soil group 1	m3	142,59
1067	Transportation of soil up to 1 km	t	171,108
1068	Fortification by the roadside sowing of herbs with a fill of vegetable soil thickness. 0,15 m	m2	880,02
1069	Watering herbs with water	m2	880,02
Section 3. Congress No3			
1070	Removal of plant soil on whole with bulldozers with a capacity of 121 kW [165 hp] with soil movement up to 10 m, soil group 1	m3	4017
1071	Add for every subsequent 10 m of soil movement [over 10 m] by bulldozers with a capacity of 121 kW [165 hp], a group of soils 1	m3	4017
1072	Perched plant soil by bulldozers with a capacity of 121 kW [165 hp] with soil movement up to 10 m, soil group 1 / earlier loosen soil /	m3	4017

1073	Planning the area of the base of the embankment in places of cutting of plant soil in a mechanized way, a group of soils 1	м2	20085
1074	Transportation of soil by dump trucks to the distance of 28 km	t	91038,8
1075	Transportation of soil by dump trucks to the distance of 28 km	t	18830,5
1076	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 30 cm	м3	61655
1		3	4
1077	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 30 cm	м3	61655
1078	Watering with water of the ingested soil	м3	30827,5
1079	Area planning in a mechanized way, soil group 2	м2	9743
1080	Cutting the soil with load on cars- dump trucks excavators single-slip diesel on track with a kovsh capacity of 1.25 [1,25-1,5] м3, group of soils 2	м3	11412,4
1081	Transportation of soil up to 7 km	t	18830,5
1082	Planning of slopes of mounds by excavator-planner, soil group 1	м2	10567
1083	Saturation of previously developed plant soil from the dump for strengthening slopes with bulldozers with a capacity of 121 kW [165 hp] with the movement of soil up to 10 m, a group of soils 1 / earlier loosened soil /	м3	1664,3
1084	Add for every subsequent 10 m of soil movement [over 10 m] by bulldozers with a capacity of 121 kW [165 hp], a group of soils 1	м3	1664,3
1085	Fortification of slopes of earthen structures by sowing perennial herbs in a mechanized way	м2	10567
1086	Watering herbs with water	м2	10567
1087	Transportation of soil by dump trucks to the distance of 28 km	t	9146,9
1088	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 30 cm	м3	5133
1089	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 30 cm	м3	5133
1090	Watering with water of the ingested soil	м3	2566,5
1091	Plan the surface of berm excavator, planner, soil group 1	м2	848
1092	Load of previously developed plant soil on self-dropper trucks with single-slip diesel cars on track with a 0.65 scoop [0.5-1] м3, soil group 1	м3	133,4
1093	Transportation of soil up to 1 km	t	160,1
1094	Fortification of berm sowing herbs by hand	м2	848
1095	Development of soil in ditches with loading on self-dropper trucks with single-slip diesel single-slip diesel cars with a scoop capacity of 0.65 [0.5-1] м3, soil group 1	м3	473
1096	Transportation of soil up to 1 km	t	780,5

1097	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	М3	47,3
1098	Planning the bottom of the ditches by hand, a group of soils 1	М2	316,8
1099	Layout of slopes by excavator-planner, soil group 1	М2	2147,4
1100	Ingesting previously developed plant soil from the dump to strengthen the cuvettes with bulldozers with a capacity of 79 kW [108 hp] with the transfer of soil up to 10 m, a group of soils 1[/earlier loosened soil / / earlier loosened soil /	М3	284,4
1101	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	М3	284,4
1102	Fortification of the bottom and slopes of the ditches with the grasses	М2	1807
1103	Strengthening the bottom of the ditches of earthen fabric with monolithic concrete slabs 8 cm thick / horizontal surfaces /	М2	169,6
1		3	4
1104	Strengthening of slopes of earthen canvas cuvettes with monolithic concrete slabs 8 cm thick	М2	487,6
1105	Stabilization of the soil base of the earthen canvas when using geotextile material	М2	9743
1106	Arrangement of drainage layer of sand thickness.0,20 m	М3	1833,97
1107	Stabilization of the soil base of the earthen canvas when using geotextile material	М2	6762
1108	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	М2	6351,95
1109	Arrangement of the base of the crushed stone and sand mixture C-5 grader, for changes in thickness for each 1 cm add or remove to / from the norm 27-15-1 (up to 0.25 m)	М2	6351,95
1110	Arrangement of a 15 cm layer of base course with crushed stone and sand mixture sandy aggregate mix CSM-40 treated with cement M-20 by an asphalt paver at a paving width of 7 m	М2	6106,3
1111	Casting of adjoining materials with an autogudronator 1l/m2	t	4,127
1112	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	М2	5574,1
1113	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,585
1114	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	М2	5549,51
1115	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with asphalt-masonry, for changes in thickness for every 0.5 cm add to the norms 27- 26-1 - 27-26-4	М2	-5549,51
1116	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,583
1117	Arrangement of the upper layer of coating with a thickness of 5 cm from edeme-mastic asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	М2	5529,04
1118	Installation of concrete side stones BR.100.30.18 on a concrete base of more than 150 mm	М	819

1119	Transportation of soil by dump trucks to the distance of 28 km	t	1470,15
1120	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	m3	825
1121	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 25 cm	m3	825
1122	Watering with water of compacting soil in embankment	m3	412,5
1123	Roadside planning in a mechanized way, soil group 2	m2	1232,68
1124	Loading of plant soil in a temporary dump truck on a self-dropper truck with single-slip diesel trucks on track with a substance 1.25 [1,25-1,5] m3, soil group 1	m3	194,63
1125	Transportation of soil up to 1 km	t	233,56
1126	Fortification by the roadside sowing of herbs with a fill of vegetable soil thickness. 0,15 m	m2	1235,68
1127	Watering herbs with water	m2	1235,68
Section 4. Congress No4			
1128	Cutting of plant soil on a whole with bulldozers with a capacity of 79 kW [108 hp] with soil shifting up to 10 m, a group of soils 1	m3	3359
1129	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	3359
1130	Perched plant soil by bulldozers with a capacity of 79 kW [108 hp] with soil shifting up to 10 m, soil group 1 /earlier loosen soil/	m3	3359
1		3	4
1131	Planning the area of the base of the embankment in places of cutting of plant soil in a mechanized way, a group of soils 1	m2	11196,7
1132	Transportation of soil by dump trucks to the distance of 28 km	t	41403
1133	Transportation of soil by dump trucks to the distance of 28 km	t	10914,8
1134	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 30 cm	m3	29359
1135	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 30 cm	m3	29359
1136	Watering with water of the ingested soil	m3	14679,5
1137	Area planning in a mechanized way, soil group 2	m2	6713
1138	Cutting of soil (additional soil) with loading on self-dropper trucks with single-slip diesel single-slip trucks with a scoop capacity of 1, 25 [1,25-1,5] m3, soil group 2	m3	6615
1139	Transportation of soil up to 7 km	t	10914,8
1140	Planning of slopes of mounds by excavator-planner, soil group 1	m2	6125

1141	Saturation of previously developed plant soil from the dump for strengthening slopes with bulldozers with a capacity of 121 kW [165 hp] with the movement of soil up to 10 m, a group of soils 1 / earlier loosened soil /	m3	6125
1142	Add for every subsequent 10 m of soil movement [over 10 m] by bulldozers with a capacity of 121 kW [165 hp], a group of soils 1	m3	6125
1143	Fortification of slopes of earthen structures by sowing perennial herbs in a mechanized way	m2	6125
1144	Watering herbs with water	m2	6125
1145	Development of soil in ditches with loading on self-dropper trucks with single-slip diesel single-slip diesel cars with a scoop capacity of 0.65 [0.5-1] m3, soil group 1	m3	20
1146	Transportation of soil up to 1 km	t	33
1147	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	m3	2
1148	Planning the bottom of the ditches by hand, a group of soils 1	m2	35
1149	Layout of slopes by excavator-planner, soil group 1	m2	354
1150	Ingesting previously developed plant soil from the dump to strengthen the cuvettes with bulldozers with a capacity of 79 kW [108 hp] with the transfer of soil up to 10 m, a group of soils 1[/earlier loosened soil / / earlier loosened soil /	m3	61,3
1151	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	61,3
1152	Fortification of the bottom and slopes of the ditches with the grasses	m2	389
1153	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	6713
1154	Arrangement of drainage layer of sand thickness.0,20 m	m3	1254,84
1155	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	4888
1156	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	m2	4623,84
1157	Arrangement of the base of the résumé-sand mixture C-5 grader, for changes in thickness for each 1 cm add or remove to / from the norm 27-15-1 (up to 0.25 m)	m2	4623,84
1		3	4
1158	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	4247,71
1159	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,446
1160	Arrangement of the upper layer of coating 5 cm thick of asphalt-concrete mixtures with asphalt stacker for the width of laying 7 m	m2	4216,37
1161	Transportation of soil by dump trucks to the distance of 28 km	t	705,67
1162	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	m3	396

1163	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 25 cm	m3	396
1164	Watering with water of compacting soil in embankment	m3	198
1165	Roadside planning in a mechanized way, soil group 2	m2	273,85
1166	Loading of plant soil in a temporary dump truck on a self-dropper truck with single-slip diesel trucks on track with a substance 1.25 [1,25-1,5] m3, soil group 1	m3	43,76
1167	Transportation of soil up to 1 km	t	52,51
1168	Fortification by the roadside sowing of herbs with a fill of vegetable soil thickness. 0,15 m	m2	273,85
1169	Watering herbs with water	m2	273,85
	Section 5. Congress No5	-	-
1170	Removal of plant soil on whole with bulldozers with a capacity of 121 kW [165 hp] with soil movement up to 10 m, soil group 1	m3	2033
1171	Add for every subsequent 10 m of soil movement [over 10 m] by bulldozers with a capacity of 121 kW [165 hp], a group of soils 1	m3	2033
1172	Perched plant soil by bulldozers with a capacity of 121 kW [165 hp] with soil movement up to 10 m, soil group 1 / earlier loosen soil /	m3	2033
1173	Planning the area of the base of the embankment in places of cutting of plant soil in a mechanized way, a group of soils 1	m2	10165
1174	Transportation of soil by dump trucks to the distance of 28 km	t	55440
1175	Transportation of soil by dump trucks to the distance of 28 km	t	12566,7
1176	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 30 cm	m3	38163
1177	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 30 cm	m3	38163
1178	Watering with water of the ingested soil	m3	19081,5
1179	Area planning in a mechanized way, soil group 2	m2	5425
1180	Cutting of soil (additional soil) with loading on self-dropper trucks with single-slip diesel single-slip trucks with a scoop capacity of 1, 25 [1,25-1,5] m3, soil group 2	m3	7616,2
1181	Transportation of soil up to 7 km	t	12566,73
1182	Planning of slopes of mounds by excavator-planner, soil group 1	m2	7052
1183	Saturation of previously developed plant soil from the dump for strengthening slopes with bulldozers with a capacity of 121 kW [165 hp] with the movement of soil up to 10 m, a group of soils 1 / earlier loosened soil /	m3	1110,8
1		3	4
1184	Add for every subsequent 10 m of soil movement [over 10 m] by bulldozers with a capacity of 121 kW [165 hp], a group of soils 1	m3	1110,8

1185	Fortification of slopes of earthen structures by sowing perennial herbs in a mechanized way	m2	7052
1186	Watering herbs with water	m2	7052
1187	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	5425
1188	Arrangement of drainage layer of sand thickness.0,20 m	m3	1018,63
1189	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	3931
1190	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	m2	3693,06
1191	Arrangement of the base of the résumé-sand mixture C-5 grader, for changes in thickness for each 1 cm add or remove to / from the norm 27-15-1 (up to 0.25 m)	m2	3693,06
1192	Arrangement of a base layer 15 cm thick of crushed-sand mixture of SHPS-40 treated with cement M-20 asphalt stacker with a width of 7 m	m2	3550,83
1193	Casting of adjoining materials with an autogudronator 1l/m2	t	2,401
1194	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	3227,53
1195	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,339
1196	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	3201,22
1197	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with asphalt-masonry, for changes in thickness for every 0.5 cm add to the norms 27- 26-1 - 27-26-4	m2	-3201,22
1198	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,336
1199	Arrangement of the upper layer of coating with a thickness of 5 cm from edeme-mastic asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	3188,19
1200	Installation of concrete side stones BR.100.30.18 on a concrete base of more than 150 mm	m	427
1201	Transportation of soil by dump trucks to the distance of 28 km	t	1046,03
1202	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	m3	587
1203	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 25 cm	m3	587
1204	Watering with water of compacting soil in embankment	m3	293,5
1205	Roadside planning in a mechanized way, soil group 2	m2	717,98
1206	Loading of plant soil in a temporary dump truck on a self-dropper truck with single-slip diesel trucks on track with a substance 1.25 [1,25-1,5] m3, soil group 1	m3	113,07
1207	Transportation of soil up to 1 km	t	135,68
1208	Fortification by the roadside sowing of herbs with a fill of vegetable soil thickness. 0,15 m	m2	717,98
1209	Watering herbs with water	m2	717,98
Section 6. Congress No6		-	-

1210	Removal of plant soil on whole with bulldozers with a capacity of 121 kW [165 hp] with soil movement up to 10 m, soil group 1	м3	1612
1		3	4
1211	Add for every subsequent 10 m of soil movement [over 10 m] by bulldozers with a capacity of 121 kW [165 hp], a group of soils 1	м3	1612
1212	Perched plant soil by bulldozers with a capacity of 121 kW [165 hp] with soil movement up to 10 m, soil group 1 / earlier loosen soil /	м3	1612
1213	Planning the area of the base of the embankment in places of cutting of plant soil in a mechanized way, a group of soils 1	м2	10746,7
1214	Transportation of soil by dump trucks to the distance of 28 km	t	49687,4
1215	Transportation of soil by dump trucks to the distance of 28 km	t	9032,9
1216	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 30 cm	м3	32952
1217	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 30 cm	м3	32952
1218	Watering with water of the ingested soil	м3	16476
1219	Area planning in a mechanized way, soil group 2	м2	4475
1220	Cutting of soil (additional soil) with loading on self-dropper trucks with single-slip diesel single-slip trucks with a kovsh capacity of 1, 25 [1,25-1,5] м3, soil group 2	м3	5474,5
1221	Transportation of soil up to 7 km	t	9032,9
1222	Planning of slopes of mounds by excavator-planner, soil group 1	м2	5069
1223	Saturation of previously developed plant soil from the dump for strengthening slopes with bulldozers with a capacity of 121 kW [165 hp] with the movement of soil up to 10 m, a group of soils 1 / earlier loosened soil /	м3	798,4
1224	Add for every subsequent 10 m of soil movement [over 10 m] by bulldozers with a capacity of 121 kW [165 hp], a group of soils 1	м3	798,4
1225	Fortification of slopes of earthen structures by sowing perennial herbs in a mechanized way	м2	5069
1226	Watering herbs with water	м2	5069
1227	Stabilization of the soil base of the earthen canvas when using geotextile material	м2	4475
1228	Arrangement of drainage layer of sand thickness.0,20 m	м3	848,62
1229	Stabilization of the soil base of the earthen canvas when using geotextile material	м2	3637
1230	Arrangement of the foundation of crushed stone-sand mixture C-5	м2	3497,01
1231	with a motor grader, with a thickness of the layer 15 cm Arrangement of the base from crushed stone-sand mixture C-5 by motor grader, with a change of thickness for every 1 cm add or remove to/from norm 27-15-1 (up to 0.25m)	м2	3497,01

1232	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	3120,89
1233	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,328
1234	Arrangement of the upper layer of coating 5 cm thick of asphalt-concrete mixtures with asphalt stacker for the width of laying 7 m	m2	3112,49
1235	Installation of concrete side stones BR.100.30.18 on a concrete base of more than 150 mm	m	331
1236	Transportation of soil by dump trucks to the distance of 28 km	t	1193,94
1237	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	m3	670
1238	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 25 cm	m3	670
1		3	4
1239	Watering with water of compacting soil in embankment	m3	335
1240	Roadside planning in a mechanized way, soil group 2	m2	347,11
1241	Loading of plant soil in a temporary dump truck on a self-dropper truck with single-slip diesel trucks on track with a substance 1.25 [1,25-1,5] m3, soil group 1	m3	54,66
1242	Transportation of soil up to 1 km	t	65,59
1243	Fortification by the roadside sowing of herbs with a fill of vegetable soil thickness. 0,15 m	m2	347,11
1244	Watering herbs with water	m2	347,11
	Section 7. Congress No7	-	-
1245	Removal of plant soil on whole with bulldozers with a capacity of 121 kW [165 hp] with soil movement up to 10 m, soil group 1	m3	1479
1246	Add for every subsequent 10 m of soil movement [over 10 m] by bulldozers with a capacity of 121 kW [165 hp], a group of soils 1	m3	1479
1247	Perched plant soil by bulldozers with a capacity of 121 kW [165 hp] with soil movement up to 10 m, soil group 1 / earlier loosen soil /	m3	1479
1248	Planning the area of the base of the embankment in places of cutting of plant soil in a mechanized way, a group of soils 1	m2	14790
1249	Transportation of soil by dump trucks to the distance of 28 km	t	93717,2
1250	Transportation of soil by dump trucks to the distance of 28 km	t	17369,2
1251	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 30 cm	m3	62338
1252	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 30 cm	m3	62338
1253	Watering with water of the ingested soil	m3	31169
1254	Area planning in a mechanized way, soil group 2	m2	8077

1255	Cutting of soil (additional soil) with loading on self-dropper trucks with single-slip diesel single-slip trucks with a scoop capacity of 1, 25 [1,25-1,5] m3, soil group 2	m3	10526,8
1256	Transportation of soil up to 7 km	t	17369,2
1257	Planning of slopes of mounds by excavator-planner, soil group 1	m2	9747
1258	Plant soil displacement from the dump for strengthening slopes with bulldozers with a capacity of 79 kW [108 hp] with soil mixing up to 10 m, soil group 1[/earlier loosened soil // earlier loosened soil /	m3	1535,3
1259	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	1535,3
1260	Fortification of slopes of earthen structures by sowing perennial herbs in a mechanized way	m2	9747
1261	Watering herbs with water	m2	9747
1262	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	8077
1263	Arrangement of drainage layer of sand thickness.0,20 m	m3	1538,55
1264	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	4541
1265	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	m2	4266,13
1		3	4
1266	Arrangement of the base from crushed stone-sand mixture C-5 by motor grader, with a change of thickness for every 1 cm add or remove to/from norm 27-15-1 (up to 0.25m)	m2	4266,13
1267	Arrangement of a 15 cm layer of base course with crushed stone and sand mixture sandy aggregate mix ShPS-40 treated with cement M-20 by an asphalt paver at a paving width of 7 m	m2	4101,45
1268	Casting of adjoining materials with an autogudronator 1l/m2	t	2,772
1269	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	3727
1270	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,391
1271	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	3696,51
1272	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with asphalt-masonry, for changes in thickness for every 0.5 cm add to the norms 27- 26-1 - 27-26-4	m2	-3696,51
1273	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,388
1274	Arrangement of the upper layer of coating with a thickness of 5 cm from edeme-mastic asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	3681,31
1275	Installation of concrete side stones BR.100.30.18 on a concrete base of more than 150 mm	m	490
1276	Transportation of soil by dump trucks to the distance of 28 km	t	3325,21

1277	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	m3	1866
1278	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 25 cm	m3	1866
1279	Watering with water of compacting soil in embankment	m3	933
1280	Roadside planning in a mechanized way, soil group 2	m2	602,67
1281	Loading of plant soil in a temporary dump truck on a self-dropper truck with single-slip diesel trucks on track with a substance 1.25 [1,25-1,5] m3, soil group 1	m3	94,92
1282	Transportation of soil up to 1 km	t	113,9
1283	Fortification by the roadside sowing of herbs with a fill of vegetable soil thickness. 0,15 m	m2	602,67
1284	Watering herbs with water	m2	602,67
Section 8. Congress No8			
1285	Removal of plant soil on whole with bulldozers with a capacity of 121 kW [165 hp] with soil movement up to 10 m, soil group 1	m3	2190
1286	Add for every subsequent 10 m of soil movement [over 10 m] by bulldozers with a capacity of 121 kW [165 hp], a group of soils 1	m3	2190
1287	Perched plant soil by bulldozers with a capacity of 121 kW [165 hp] with soil movement up to 10 m, soil group 1 / earlier loosen soil /	m3	2190
1288	Planning the area of the base of the embankment in places of cutting of plant soil in a mechanized way, a group of soils 1	m2	10950
1289	Transportation of soil by dump trucks to the distance of 28 km	t	62100,9
1290	Transportation of soil by dump trucks to the distance of 28 km	t	13867,6
1291	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 30 cm	m3	42631
1		3	4
1292	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 30 cm	m3	42631
1293	Watering with water of the ingested soil	m3	21315,5
1294	Area planning in a mechanized way, soil group 2	m2	5616
1295	Cutting of soil (additional soil) with loading on self-dropper trucks with single-slip diesel single-slip trucks with a scoop capacity of 1, 25 [1,25-1,5] m3, soil group 2	m3	8404,6
1296	Transportation of soil up to 7 km	t	13867,6
1297	Planning of slopes of mounds by excavator-planner, soil group 1	m2	7782
1298	Saturation of previously developed plant soil from the dump for strengthening slopes with bulldozers with a capacity of 121 kW [165 hp] with the movement of soil up to 10 m, a group of soils 1 / earlier loosened soil /	m3	1225,7

1299	Add for every subsequent 10 m of soil movement [over 10 m] by bulldozers with a capacity of 121 kW [165 hp], a group of soils 1	М3	1225,7
1300	Fortification of slopes of earthen structures by sowing perennial herbs in a mechanized way	М2	7782
1301	Watering herbs with water	М2	7782
1302	Stabilization of the soil base of the earthen canvas when using geotextile material	М2	5616
1303	Arrangement of drainage layer of sand thickness.0,30 m	М3	1529,4
1304	Stabilization of the soil base of the earthen canvas when using geotextile material	М2	4075
1305	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	М2	3827,7
1306	Arrangement of the base of the crushed stone and sand mixture C-5 grader, for changes in thickness for each 1 cm add or remove to / from the norm 27-15-1 (up to 0.25 m)	М2	3827,7
1307	Arrangement of a 15 cm layer of base course with crushed stone and sand mixture sandy aggregate mix MPS-40 treated with cement M-40 by an asphalt paver at a paving width of 7 m	М2	3680
1308	Casting of adjoining materials with an autogudronator 1l/m2	t	2,487
1309	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	М2	3343,9
1310	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,351
1311	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	М2	3316,8
1312	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with asphalt-masonry, for changes in thickness for every 0.5 cm add to the norms 27- 26-1 - 27-26-4	М2	-3316,8
1313	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,348
1314	Arrangement of the upper layer of coating with a thickness of 5 cm from edeme-mastic asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	М2	3304,2
1315	Installation of concrete side stones BR.100.30.18 on a concrete base of more than 150 mm	М	483
1316	Transportation of soil by dump trucks to the distance of 28 km	t	1158,3
1317	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	М3	650
1318	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 25 cm	М3	650
1319	Watering with water of compacting soil in embankment	М3	325
1		3	4
1320	Roadside planning in a mechanized way, soil group 2	М2	747,08
1321	Loading of plant soil in a temporary dump truck on a self-dropper truck with single-slip diesel trucks on track with a substance 1.25 [1,25-1,5] М3, soil group 1	М3	117,66
1322	Transportation of soil up to 1 km	t	141,2

1323	Fortification by the roadside sowing of herbs with a fill of vegetable soil thickness. 0,15 m	м2	747,08
1324	Watering herbs with water	м2	747,08
	Local estimate 02-03-03 for the arrangement of ad joins A.D. Kyiv-Kovel	-	-
-	-	-	-
-	<u>Section 1. Transition-speed lanes</u>	-	-
-	-	-	-
1325	Stabilization of the soil base of the earthen canvas when using geotextile material	м2	8278,31
1326	Arrangement of drainage layer of sand thickness.0,30 m	м3	2483,493
1327	Stabilization of the soil base of the earthen canvas when using geotextile material	м2	8278,31
1328	Arrangement of the foundation of crushed stone-sand mixture C-5	м2	8278,31
1329	with a motor grader, with a thickness of the layer 15 cm Arrangement of the base from crushed stone-sand mixture C-5	м2	8278,31
1330	by motor grader, with a change of thickness for every 1 cm add or remove to/from norm 27-15-1 (up to 0.25m) Arrangement of a 15 cm layer of base course with crushed stone and sand mixture	м2	8278,31
1331	sandy aggregate mix MPS-40 treated with cement M-40 by an asphalt paver at a paving width of 7 m Casting of adjoining materials with an autogudronator 1l/m2	t	6,085
1332	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	м2	8278,31
1333	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,869
1334	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	м2	8278,31
1335	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with asphalt-masonry, for changes in thickness for every 0.5 cm add to the norms 27- 26-1 - 27-26-4	м2	-8278,31
1336	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,869
1337	Arrangement of the upper layer of coating with a thickness of 5 cm from crushed-mastic asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	м2	8278,31
1338	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,308
1339	Arrangement of the leveling layer of coating of asphalt-concrete mixtures with asphalt stacker for the width of laying 7 m	t	211,3
1340	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	м2	2934,82
1341	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with asphalt-masonry, for changes in thickness for every 0.5 cm add to the norms 27- 26-1 - 27-26-4	м2	-2934,82
1342	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,308
1343	Arrangement of the upper layer of coating with a thickness of 5 cm from edeme-mastic asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	м2	2934,82

	Section 2. Guide islands	-	-
1344	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,095
1		3	4
1345	Arrangement of the leveling layer of coating of asphalt-concrete mixtures with asphalt stacker for the width of laying 7 m	t	64,8
1346	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	900
1347	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with asphalt-masonry, for changes in thickness for every 0.5 cm add to the norms 27- 26-1 - 27-26-4	m2	-900
1348	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,095
1349	Arrangement of the upper layer of coating with a thickness of 5 cm from crushed-mastic asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	900
	Local estimate 02-03-04 for the arrangement of congresses on A.R. Kyiv-Kovel	-	-
-	-	-	-
-	<u>Section 1. Filler of earthen canvas</u>	-	-
-	-	-	-
1350	Transportation of soil by dump trucks to the distance of 28 km	t	1094,115
1351	Compaction of the soil by traileed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	m3	614
1352	Compaction of the soil by traileed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 25 cm	m3	614
1353	Watering with water of compacting soil in embankment	m3	307
1354	Area planning in a mechanized way, soil group 2	m2	3930
1355	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	3930
1356	Arrangement of drainage layer of sand thickness.0,30 m	m3	1137,105
1357	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	572,07
1358	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	m2	538,82
1359	Arrangement of the base of the crushed-mastic mixture C-5 grader, for changes in thickness for each 1 cm add or remove to / from the norm 27-15-1 (up to 0.25 m)	m2	538,82
1360	Arrangement of a 15 cm layer of base course with crushed stone and sand mixture sandy aggregate mix MPS-40 treated with cement M-40 by an asphalt paver at a paving width of 7 m	m2	518,87
1361	Casting of adjoining materials with an autogudronator 1l/m2	t	0,352
1362	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	472,32
1363	Casting of adjoining materials with an autogudronator 1.5l/m2	t	0,209

1364	Reinforcement of layers of asphalt pavement with geogross	m2	133
1365	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,036
1366	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	468,33
1367	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with asphalt-masonry, for changes in thickness for every 0.5 cm add to the norms 27- 26-1 - 27-26-4	m2	-468,33
1368	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,049
1369	Arrangement of the upper layer of coating with a thickness of 5 cm from edeme-mastic asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	465
1370	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,267
1		3	4
1371	Arrangement of the leveling layer of coating of asphalt-concrete mixtures with asphalt stacker for the width of laying 7 m	t	182,4
1372	Casting of adjoining materials with an autogudronator 1.5l/m2	t	0,209
1373	Reinforcement of layers of asphalt pavement with geogross	m2	133
1374	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	2543
1375	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with asphalt-masonry, for changes in thickness for every 0.5 cm add to the norms 27- 26-1 - 27-26-4	m2	-2543
1376	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,267
1377	Arrangement of the upper layer of coating with a thickness of 5 cm from edeme-mastic asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	2543
	Section 2. Sprinkling roadsides	-	-
1378	Transportation of soil by dump trucks to the distance of 28 km	t	1132,2795
1379	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	m3	635,4
1380	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 25 cm	m3	635,4
1381	Watering with water of compacting soil in embankment	m3	317,7
1382	Area planning in a mechanized way, soil group 2	m2	1021,5
1383	Loading of plant soil in a temporary dump truck on a self-dropper truck with single-slip diesel trucks on track with a substance 1.25 [1,25-1,5] m3, soil group 1	m3	129,47
1384	Transportation of soil up to 1 km	t	155,364
1385	Fortification by the roadside sowing of herbs with a fill of vegetable soil thickness. 0,15 m	m2	822

1386	Watering herbs with water	m2	822
	Local estimate 02-03-05 for bus stops	-	-
-	-	-	-
-	<u>Section 1. Filler earth</u>	-	-
-	-	-	-
1387	Planting of previously developed soil by bulldozers with a capacity of 79 kW [108 hp] with soil mixing up to 10 m, soil group 1 /earlier loosen soil/	m3	24,5
1388	Transportation of soil by dump trucks to the distance of 28 km	t	200,145
1389	Compaction of the soil by traileed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	m3	135
1390	Compaction of the soil by traileed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 25 cm	m3	135
1391	Watering with water of compacting soil in embankment	m3	67,5
1392	Area planning in a mechanized way, soil group 2	m2	237
	Section 2. Road clothes	-	-
-	-	-	-
1393	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	196,88
1394	Arrangement of drainage layer of sand thickness.0,30 m	m3	59,064
1395	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	196,88
1		3	4
1396	Arrangement of the foundation of crushed stone-sand mixture C-5 with a motor grader, with a thickness of the layer 15 cm	m2	196,88
1397	Arrangement of the base from crushed stone-sand mixture C-5 by motor grader, with a change of thickness for every 1 cm add or remove to/from norm 27-15-1 (up to 0.25m)	m2	196,88
1398	Arrangement of a 15 cm layer of base course with crushed stone and sand mixture sandy aggregate mix MPS-40 treated with cement M-40 by an asphalt paver at a paving width of 7 m	m2	196,88
1399	Casting of adjoining materials with an autogudronator 1l/m2	t	0,145
1400	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	196,88
1401	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,021
1402	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	196,88
1403	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with asphalt-masonry, for changes in thickness for every 0.5 cm add to the norms 27- 26-1 - 27-26-4	m2	-196,88
1404	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,021
1405	Arrangement of the top layer of the pavement with a thickness of 5 cm with macadam-mastic asphalt mixtures by an asphalt paver at a paving width of 7 m	m2	196,88

1406	Installation of concrete side stones BR.100.30.18 on a concrete base of more than 150 mm	М		85
	Section 3. Landing sites		-	-
1407	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	М2	-	40
1408	Arrangement of the upper layer of coating 5 cm thick of asphalt-concrete mixtures with asphalt stacker for the width of laying 7 m	М2		40
1409	Installation of concrete side stones BR.100.20.8 on a concrete base up to 100 mm	М		22
	Section 4. Walking paths to the toilets		-	-
1410	Arrangement of the foundation of crushed stone-sand mixture C-5 with a motor grader, with a thickness of the layer 15 cm	М2	-	115
1411	Laying the top layer of the pavement with a thickness of 5 cm of asphalt-concrete mixtures by the asphalt paver on paving width 7 m	М2		115
1412	Installation of concrete side stones BR.100.20.8 on a concrete base up to 100 mm	М		30
	Section 5. Operational entrances to toilets		-	-
1413	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	М3	-	8,5
1414	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] up to 10 m, soil group 1 /earlier loosen soil/	М3		8,5
1415	Area planning in a mechanized way, soil group 2	М2		45
1416	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	М2		45
1417	Arrangement of the upper layer of coating 5 cm thick of asphalt-concrete mixtures with asphalt stacker for the width of laying 7 m	М2		45
	Local estimate 02-03-06 for the installation of autopavillion (from dismantling)		-	-
1			3	4
1418	Development of soil in the dumping area by excavators with a 0.4 m3 scoop, a group of soils 1	М3		4
1419	Area planning in a mechanized way, soil group 1	М2		16,5
1420	Arrangement of the base for the foundations of the stone	М3		16,5
1421	Laying blocks and slabs of string foundations PO-1 4800x3200x120 at a depth of pit up to 4 m, the mass of constructions is more than 3.5 tons (from dismantling)	pcs		1
1422	Installation of blocks of the outer levels of PS-1 and SUB-2 in size 2400x2400x120 weighing up to 2.5 tons (from dismantling)	pcs		2
1423	Installation of blocks of the outer elements of ps-4 in size 3600x2400x120 weighing up to 2.5 tons (from dismantling)	pcs		1
1424	Laying plates of cover PC-1 4800x3200x120 (from dismantling)	М3		1,3

1425	Arrangement of screeds with cement mortar M-100 thickness of 15 mm (centric prism)	m2	15,36
1426	Arrangement of screeds with cement mortar M-100 for each 1 mm of thickness change	m2	15,36
1427	Arrangement of waterproofing bucket of four-layer from roll roofing materials on a small mastic	m2	15,36
1428	Improved plastering with cement-lime or cement mortar on stone and concrete walls in a mechanized way	m2	40,02
1429	Improved plastering with cement-lime or cement mortar on stone and concrete ceilings in a mechanized way	m2	8,65
1430	Painting with lime solutions on the plaster of walls indoors with the preparation of surfaces	m2	40,02
1431	Painting with lime solutions on plaster ceilings inside the admigees with the preparation of surfaces	m2	8,65
1432	Installation of a decorative frieze made of corrugated flooring with a profile height of 35mm	m2	8
1433	Frame and fastening of frieze from steel VSTZ KP	t	0,03025
1434	Simple painting with nitroemal metal surfaces of frieze, prepared for painting	m2	8
1435	Arrangement of concrete supports of benches	m3	0,048
1436	Installation of elements of the frame of bars	m3	0,127
1437	Installation of embedded parts weighing up to 5 kg	t	0,63
1438	Simple coloring with a color with oil on wood (for 2 times)	m2	2,7
1439	Painting of metal structures of benches twice	m2	0,5
1440	Arrangement of concrete foundations of general purpose up to 5 m3	m3	0,025
1441	Set the urn	t	0,001
	Local estimate 02-03-07 for toilet arrangement	-	-
1442	Development of soil in pits by excavator Komatsu PW 170 ES-6, scoop capacity 0,8 m3 in the dump, soil of group I	m3	12
1443	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	m3	1
1444	Leveling of soil along the terrain with a CAT D5 H bulldozer with its movement at a distance of up to 10 m, group II soil	m3	13
1445	Compaction of soil with crushed by gravel	m2	1,6
1446	Laying blocks and slabs of strip foundations at a depth of pit up to 4 m, mass of structures up to 0.5 tons	pcs	9
1447	Laying blocks and slabs of strip foundations at a depth of pit up to 4 m, mass of structures up to 0.5 tons	pcs	9
1		3	4
1448	Waterproofing of walls, foundations side coating bitumen in 2 layers on the aligned surface of the rage mural, brick, concrete	m2	12,3
1449	Arrangement of the base of the crushed stone	m3	1
1450	Installing bottom slabs	m3	0,59
1451	Installing the cell with a diameter of more than 1000 mm	m3	1,18
1452	Installing the heating slabs	m3	0,55

1453	Installing the hatch	шт	1
1454	Arrangement of waterproofing with coating bitumen mastic in one layer with a thickness of 2 mm	м2	1,43
1455	Arrangement of foundation slabs of reinforced concrete flat	м3	1,1
1456	Installation of exterior walls in one-story buildings up to 7 m long, with an area of up to 10 м2 at a height of buildings up to 25 m.	pcs	11
1457	Late plastering with cement-lime solution on the stone walls of facades twice	м2	53,66
1458	Lated painting of the walls with oil coloring on plaster twice	м2	53,66
1459	Installation of door blocks in the outer and inner openings of stone walls, opening area up to 3 м2	м2	3,803
1460	Hemp door boxes with a man in the outer stone walls, opening area up to 3 м2	м2	3,803
1461	Painting with ename on wood filling doorways with surface prepared	м2	3,803
1462	Installation of window blocks with separate [separately joined] frames in the stone walls of residential and public buildings with a opening area of up to 2 м2	м2	1,07
1463	Glazing with window glass wooden framing with one frame	м2	1,07
1464	Painting with ename on wood filling window openings with the prepared surface	м2	1,07
1465	Laying switches weighing up to 0.3 tons	pcs	11
1466	Laying floor slabs with an area of up to 5 м2 with the largest mass of mounting elements up to 5 tons	pcs	11
1467	Arrangement of leveling screeds cement-sand thickness of 15 mm	м2	15,1
1468	Arrangement of roofs of stingrays of three layers of roofing roll materials on bitumen mastic	м2	15,1
1469	Install the toilets with the see directly attached	КОМПЛ.	2
1470	Installing the toilet headset: hangers, cupcakes, bath rails, etc.	шт	2
-	Local estimate 02-03-08 for the arrangement of sidewalks and bike paths (A.R. Kyiv-Kovel)	-	-
-	-	-	-
-	<u>Section 1. Sidewalks</u>	-	-
-	-	-	-
1471	Installation of the base of sidewalks of crushed stone and sand layer thickness 12 cm	м2	274,5
1472	Laying the base of sidewalks of crushed stone and sand mixture sand and gravel mixture, with a change in thickness for every 1 cm to add or remove from/to norm 27-17-1	м2	274,5
1473	Installation of asphalt concrete pavement of paths and Two-layer asphalt sidewalk, the top layer of fine-grained asphalt concrete mixture with a thickness of 3 cm	м2	274,5
1474	Arrangement of asphalt concrete pavement of paths and single-layer sidewalks, for every 0.5 cm change in thickness add or remove to/from standards 27-22-3 - 27-22-4	м2	274,5
-	Section 2. Combined bike and walking paths	-	-

1		3	4
1475	Installation of the base of sidewalks of crushed stone and sand layer thickness 12 cm	м2	5681,4
1476	Laying the base of sidewalks of crushed stone and sand mixture sand and gravel mixture, with a change in thickness for every 1 cm to add or remove from/to norm 27-17-1	м2	5681,4
1477	Installation of asphalt concrete pavement of paths and Two-layer asphalt sidewalk, the top layer of fine-grained asphalt concrete mixture with a thickness of 3 cm	м2	5681,4
1478	Asphalt pavement arrangement of single-layer paths and sidewalks, for every 0.5 cm change in layer thickness, add or remove to/from norms 27-22-3 – 27-22-4	м2	5681,4
	Local estimate 02-03-09 for the construction of a diam.1.0m pipe	-	-
1479	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 1 [1-1,2] м3, soil group 1	м3	122
1480	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	м3	122
1481	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	м3	122
1482	Arrangement of sand and gravel cushions	м3	102
1483	Laying links of single-point round reinforced concrete water pipes with a hole of 1 m at an embankment height on railways up to 3 m, on roads up to 4 m	м3	77,28
1484	Lubrication waterproofing with bitumen mastic two-layer	м2	790,22
1485	Arrangement of waterproofing of pasting two-layer bitumen mastic	м2	52,68
1486	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 1 [1-1,2] м3, soil group 1	м3	380
1487	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	м3	380
1488	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	м3	380
1489	Construction of portal walls of single-eyed round pipes with a hole of 1.0 m	м3	20,2
1490	Arrangement of crushed stone preparation	м3	6
1491	Arrangement of sand and gravel preparation	м3	84
1492	Lubrication waterproofing with bitumen mastic two-layer	м2	300
1493	Construction of sedentary walls of single-point round pipes with a hole of 1.0 m	м3	39,2
1494	Backfill of trenches and pits with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 5 m, soil group 1	м3	220
1495	Compaction of the soil by uching rolls	м3	220

1496	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.65 [0.5-1] m3, soil group 1	m3	76
1497	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	76
1498	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	76
1499	Strengthening of the inlet channel of earthen canvas with monoline concrete slabs 8 cm thick / horizontal surfaces /	m2	118
1500	Reinforcement	t	0,26
1		3	4
1501	Strengthening the slopes of the inlet head of the earthen fabric with monolattic concrete slabs 8 cm thick	m2	135
1502	Reinforcement	t	0,297
1503	Arrangement of emphasis from monolyt concrete B15	m3	7
1504	Strengthening of the source channel of earthen fabric with monoline concrete slabs 12 cm thick / horizontal surfaces /	m2	54
1505	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	m2	54
1506	Reinforcement	t	0,119
1507	Strengthening the slopes of the original head of the earthen fabric with monolattic concrete slabs 8 cm thick	m2	85
1508	Reinforcement	t	0,187
1509	Arrangement of emphasis from monolyt concrete B15	m3	4
	Local estimate 02-03-010 for drainage structures from the carriageway at pc junction 9+63,02	-	-
1510	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	m3	4,2
1511	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	m3	0,21
1512	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	234
1513	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	234
1514	Arrangement of drainage structures from the carriageway of open trays on the roadside	m3	1,264
1515	Arrangement of rubble pads under the horizontal and under the grooves between the blocks	m3	1,624
1516	Arrangement of monolithic horizontal platform and filling of grooves between blocks of concrete	m3	2,264
1517	Fill by hand trenches, grooves of pits and pits, soil group 1	m3	0,42
1518	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	m3	32

1519	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	1,59
1520	Arrangement of drainage structures from the carriageway of open trays on the roadside	м3	8,769
1521	Arrangement of rubble pads under the horizontal flat	м3	10,878
1522	Filling the grooves between blocks of concrete	м3	4,44
1523	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	3
1524	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 м3, soil group 1	м3	13
1525	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	0,65
1526	Arrangement of drainage structures from the carriageway of open trays on the roadside	м3	3,555
1527	Arrangement of rubble pads under the horizontal flat	м3	4,11
1		3	4
1528	Arrangement of monolithic horizontal platform and filling of grooves between blocks of concrete	м3	4,11
1529	Filling the grooves between blocks of concrete	м3	1,8
1530	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	1
1531	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 м3, soil group 2	м3	7,92
1532	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	0,396
1533	Arrangement of drainage structures from the carriageway of water-taking wells of reinforced concrete	well	12
1534	Punching holes	pcs	12
1535	Waterproofing lubrication bitumen in 2 layers	м2	36
1536	Arrangement of gravel base for pipelines	м3	20,57
1537	Laying pipelines from polyethylene pipes with a diameter of 300 mm with hydraulic testing	м	93,5
1538	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 м3, soil group 1	м3	95
1539	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	5
1540	Arrangement of drainage structures from the carriageway of trays in the slopes of the embankment	м	498,26
1541	Filling the grooves between the blocks of concrete B15	м3	7,98
1542	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	10,5
1543	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 м3, soil group 1	м3	101,43

1544	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	5,07
1545	Arrangement of drainage structures from the carriageway of extinguishers	dampener	63
1546	Arrangement of rubble pads under the horizontal flat	м3	44,1
1547	Arrangement of concrete spreaders	м3	0,252
1548	Arrangement of concrete horizontal platform type 1 and concrete joints B20	м3	49,14
1549	Filling the grooves between the blocks of concrete B15	м3	7,98
1550	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	10,143
1551	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 м3, soil group 1	м3	2,85
1552	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	0,1425
1553	Arrangement of edebel bases for blocks	м3	0,9
1554	Arrangement of reinforced concrete stoppers	шт	5
1555	Arrangement of rubble pads under the horizontal flat	м3	1,125
1556	Arrangement of the platform along the bottom of the ditch and the slope of concrete B20 heavy concrete B 20 (M 250), the size of the aggregate 20-40mm	м3	1,125
1557	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	0,285
1		3	4
	Local estimate 02-04-01 for the arrangement of earthen canvas	-	-
1558	Transportation of soil by dump trucks to the distance of 32 km	t	45571,2
1559	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 30 cm	м3	25573
1560	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 30 cm	м3	25573
1561	Watering with water of the ingested soil	м3	12786,5
1562	Area planning in a mechanized way, soil group 2	м2	3025
1563	Cutting of soil (additional soil) with loading on self-dropper trucks with single-slip diesel single-slip trucks with a kovsh capacity of 1, 25 [1,25-1,5] м3, soil group 2	м3	4619,2
1564	Transportation of soil by dump trucks to the distance of 2 km	t	7621,7
1565	Planning of slopes of mounds by excavator-planner, soil group 1	м2	4277
1566	Load of plant soil on trucks- dump trucks excavators single-kovsh diesel on track with a 1.25 м3 scoop, soil group 1	м3	670
1567	Transportation of soil up to 1 km	t	804

1568	Fortification of slopes of earthen structures by sowing perennial herbs in a mechanized way	М2	4277
1569	Watering herbs with water	М2	4277
	Local estimate 02-04-02 for the construction of new road clothes on "deaf crosshaieds"	-	-
-	-	-	-
-	<u>Section 1. PC 44+25</u>	-	-
-	-	-	-
1570	Stabilization of the soil base of the earthen canvas when using geotextile material	М2	3557,98
1571	Arrangement of drainage layer of sand thickness.0,20 m	М3	711,6
1572	Stabilization of the soil base of the earthen canvas when using geotextile material	М2	1770,94
1573	Arrangement of the foundation of crushed stone-sand mixture C-5	М2	1752,3
1574	Arrangement of the base from crushed stone-sand mixture C-5 with a motor grader, with a thickness of the layer 15 cm	М2	1752,3
1575	Arrangement of the upper layer of coating 5 cm thick of asphalt-concrete mixtures with asphalt stacker for the width of laying 7 m	М2	1729,86
1576	Installation of concrete side stones BR.100.30.18 on a concrete base of more than 150 mm	М	560
	Section 2. PC 69+85	-	-
1577	Stabilization of the soil base of the earthen canvas when using geotextile material	М2	3728,85
1578	Arrangement of drainage layer of sand thickness.0,20 m	М3	425
1579	Stabilization of the soil base of the earthen canvas when using geotextile material	М2	2125
1580	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	М2	2108,43
1581	Arrangement of the base of the crushed stone and sand mixture C-5 grader, for changes in thickness for each 1 cm add or remove to /from the norm 27-15-1 (up to 0.27 m)	М2	2108,43
1582	Arrangement of the upper layer of coating 5 cm thick of asphalt-concrete mixtures with asphalt stacker for the width of laying 7 m	М2	2088,46
1		3	4
1583	Installation of concrete side stones BR.100.30.18 on a concrete base of more than 150 mm	М	698
	Section 3. PC 85+50	-	-
1584	Stabilization of the soil base of the earthen canvas when using geotextile material	М2	3815,36
1585	Arrangement of drainage layer of sand thickness.0,20 m	М3	435,84
1586	Stabilization of the soil base of the earthen canvas when using geotextile material	М2	2179,19
1587	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	М2	2160
1588	Arrangement of the base of the crushed stone and sand mixture C-5 grader, for changes in thickness for each 1 cm add or remove to /from the norm 27-15-1 (up to 0.27 m)	М2	2160

1589	Arrangement of the upper layer of coating 5 cm thick of asphalt-concrete mixtures with asphalt stacker for the width of laying 7 m	М2	2136,91
1590	Installation of concrete side stones BR.100.30.18 on a concrete base of more than 150 mm	М	706
	Section 4. PC 135+95	-	-
1591	Stabilization of the soil base of the earthen canvas when using geotextile material	М2	3729,15
1592	Arrangement of drainage layer of sand thickness 0,20 m	М3	434,33
1593	Stabilization of the soil base of the earthen canvas when using geotextile material	М2	2171,63
1594	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	М2	2133,96
1595	Arrangement of the base of the crushed stone and sand mixture C-5 grader, for changes in thickness for each 1 cm add or remove to /from the norm 27-15-1 (up to 0.27 m)	М2	2133,96
1596	Arrangement of the upper layer of coating 5 cm thick of asphalt-concrete mixtures with asphalt stacker for the width of laying 7 m	М2	2088,62
1597	Installation of concrete side stones BR.100.30.18 on a concrete base of more than 150 mm	М	620
	Local estimate 02-04-03 on drainage structures - deaf cross-references	-	-
1598	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	М3	14
1599	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	М3	0,69
1600	Arrangement of drainage structures from the carriageway of open trays on the roadside	М3	3,792
1601	Arrangement of cushions under a horizontal platform and under the sinuses between the blocks	М3	4,384
1602	Arrangement of monolithic horizontal platform and filling of grooves between blocks of concrete	М3	6,944
1603	Fill by hand trenches, grooves of pits and pits, soil group 1	М3	1
1604	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	М3	13
1605	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	М3	1
1606	Arrangement of drainage structures from the carriageway of trays in the slopes of the embankment	М	70,9
1607	Grouting of the grooves between the trays with concrete B15	М3	1,14
1		3	4
1608	Fill by hand trenches, grooves of pits and pits, soil group 1	М3	10,5
1609	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	М3	25,76

1610	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3		1,29
1611	Arrangement of drainage structures from the carriageway of extinguishers	гаситель		16
1612	Arrangement of rubble pads under the horizontal flat	м3		11,2
1613	Arrangement of monologues	м3		0,064
1614	Arrangement of monolithic horizontal platform and filling of grooves between blocks of concrete	м3		12,48
1615	Grouting of the grooves between the trays with concrete B15	м3		0,192
1616	Fill by hand trenches, grooves of pits and pits, soil group 1	м3		2,576
	Local estimate 02-04-04 for the arrangement of powder roadsides	-		-
1617	Transportation of soil by dump trucks to the distance of 32 km	t	-	201,4
1618	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 30 cm	м3		113
1619	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 30 cm	м3		113
1620	Watering with water of the ingested soil	м3		56,5
1621	Roadside planning in a mechanized way, soil group 2	м2		732
1622	Load of plant soil on trucks- dump trucks excavators single-kovsh diesel on track with a 1.25 м3 scoop, soil group 1	м3		115,3
1623	Transportation of soil up to 1 km	t		138,36
1624	Fortification by the roadside sowing of herbs with a fill of vegetable soil thickness. 0,15 m	м2		732
1625	Watering herbs with water	м2		732
	Local estimate 02-05-01 for the arrangement of the earth on technological passages	-		-
1626	Removal of plant soil on whole with bulldozers with a capacity of 121 kW [165 hp] with soil movement up to 10 m, soil group 1	м3	-	69698,6
1627	Add for every subsequent 10 m of soil movement [over 10 m] by bulldozers with a capacity of 121 kW [165 hp], a group of soils 1	м3		69698,6
1628	Perched plant soil by bulldozers with a capacity of 121 kW [165 hp] with soil movement up to 10 m, soil group 1 / earlier loosen soil /	м3		69698,6
1629	Planning of the base area of the embankment in a mechanized way, soil group 1	м2		348493,2
1630	Transportation of soil by dump trucks to the distance of 28 km	t		2896,41
1631	Transportation of soil by dump trucks to the distance of 29 km	t		2911,92
1632	Transportation of soil by dump trucks to the distance of 30 km	t		2534,235
1633	Transportation of soil by dump trucks to the distance of 31 km	t		2857,965

1634	Transportation of soil by dump trucks to the distance of 32 km	t	3119,49
1635	Transportation of soil by dump trucks to the distance of 33 km	t	2852,355
1636	Transportation of soil by dump trucks to the distance of 34 km	t	2173,545
1637	Transportation of soil by dump trucks to the distance of 50 km	t	2536,215
1638	Transportation of soil by dump trucks to the distance of 49 km	t	2865,885
1		3	4
1639	Transportation of soil by dump trucks to the distance of 48 km	t	2681,25
1640	Transportation of soil by dump trucks to the distance of 47 km	t	2903,34
1641	Transportation of soil by dump trucks to the distance of 46 km	t	2496,12
1642	Transportation of soil by dump trucks to the distance of 45 km	t	2687,355
1643	Transportation of soil by dump trucks to the distance of 44 km	t	2925,285
1644	Transportation of soil by dump trucks to the distance of 43 km	t	2319,075
1645	Transportation of soil by dump trucks to the distance of 42 km	t	2732,73
1646	Transportation of soil by dump trucks to the distance of 41 km	t	2139,06
1647	Transportation of soil by dump trucks to the distance of 40 km	t	992,805
1648	Transportation of soil by dump trucks to the distance of 39 km	t	2306,865
1649	Saturation of previously developed soil by bulldozers with a capacity of 121 kW [165 hp] with the movement of the soil up to 10 m, a group of soils 1 / earlier loosen soil /	M3	830,3
1650	Add for every subsequent 10 m of soil movement [over 10 m] by bulldozers with a capacity of 121 kW [165 hp], a group of soils 1	M3	830,3
1651	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 30 cm	M3	28227,8
1652	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 30 cm	M3	28227,8
1653	Watering with water of the ingested soil	M3	14113,9
1654	Area planning in a mechanized way, soil group 2	M2	296220
	Local estimate 02-05-02 for the arrangement of road clothes on technological passages	-	-
-	-	-	-
-	<u>Section 1. Technological passage No1</u>	-	-
-	-	-	-
1655	Stabilization of the soil base of the earthen canvas when using geotextile material	M2	19958,76
1656	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	M2	13786,59
1657	Arrangement of the base from crushed stone-sand mixture C-5 by motor grader, changing the thickness for every 1 cm add or remove to/from norm 27-15-1 (up to 0.30m)	M2	13786,59
1658	Fixing the profile of manpea bases with the addition of new material C-7	M2	13786,59

1659	Arrangement of the upper layer of coating 5 cm thick of asphalt-concrete mixtures with asphalt stacker for the width of laying 7 m	m2	13054,15
1660	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	304,5
1661	Arrangement of drainage layer of sand thickness.0,30 m	m3	91,35
1662	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	304,5
1663	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	m2	304,5
1664	Arrangement of the base of the crushed stone and sand mixture C-5 grader, for changes in thickness for each 1 cm add or remove to / from the norm 27-15-1 (up to 0.25 m)	m2	304,5
1665	Arrangement of a 15 cm layer of base course with crushed stone and sand mixture sandy aggregate mix CSM-40 treated with cement M-40 by an asphalt paver at a paving width of 7 m	m2	304,5
1666	Casting of adjoining materials with an autogudronator 1l/m2	t	0,224
1667	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	304,5
1668	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,032
1		3	4
1669	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	304,5
1670	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with asphalt-masonry, for changes in thickness for every 0.5 cm add to the norms 27- 26-1 - 27-26-4	m2	-304,5
1671	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,032
1672	Arrangement of the top layer of the pavement with a thickness of 5 cm with macadam-mastic asphalt mixtures by an asphalt paver at a paving width of 7 m	m2	304,5
1673	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	332,5
1674	Arrangement of drainage layer of sand thickness.0,20 m	m3	66,5
1675	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	332,5
1676	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	m2	332,5
1677	Arrangement of the base of the résumé-sand mixture C-5 grader, for changes in thickness for each 1 cm add or remove to / from the norm 27-15-1 (up to 0.25 m)	m2	332,5
1678	Arrangement of a 15 cm layer of base course with crushed stone and sand mixture sandy aggregate mix CSM-40 treated with cement M-20 by an asphalt paver at a paving width of 7 m	m2	332,5
1679	Casting of adjoining materials with an autogudronator 1l/m2	t	0,244
1680	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	332,5
1681	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,035

1682	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	332,5
1683	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with asphalt-masonry, for changes in thickness for every 0.5 cm add to the norms 27- 26-1 - 27-26-4	m2	-332,5
1684	Casting of adjoining materials with an autogudronator 0,4l/m2	t	0,035
1685	Arrangement of the upper layer of coating with a thickness of 5 cm from edeme-mastic asphalt-concrete mixtures with an asphalt stacker for the width of laying 7 m	m2	332,5
	Section 2. Technological passage No2	-	-
1686	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	34121,1
1687	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	m2	24910,03
1688	Arrangement of the base of the crushed stone and sand mixture C-5 grader, for changes in thickness for each 1 cm add or remove to / from the norm 27-15-1 (up to 0.30 m)	m2	24910,03
1689	Fixing the profile of manpea bases with the addition of new material C-7	m2	24910,03
1690	Arrangement of the upper layer of coating 5 cm thick of asphalt-concrete mixtures with asphalt stacker for the width of laying 7 m	m2	23653,97
	Section 3. Technological passage No3	-	-
1691	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	23148,62
1692	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	m2	16916,2
1693	Arrangement of the base of the crushed stone and sand mixture C-5 grader, for changes in thickness for each 1 cm add or remove to / from the norm 27-15-1 (up to 0.30 m)	m2	16916,2
1		3	4
1694	Fixing the profile of gravel basewith the addition of new material C-7	m2	16916,2
1695	Arrangement of the upper layer of coating 5 cm thick of asphalt-concrete mixtures with asphalt stacker for the width of laying 7 m	m2	16066,32
	Section 4. Technological passage No4	-	-
1696	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	22547,42
1697	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	m2	16480,33
1698	Arrangement of the base from crushed stone-sand mixture C-5 by motor grader, changing the thickness for every 1 cm add or remove to/from norm 27-15-1 (up to 0.30m)	m2	16480,33
1699	Fixing the profile of manpea bases with the addition of new material C-7	m2	16480,33
1700	Arrangement of the upper layer of coating 5 cm thick of asphalt-concrete mixtures with asphalt stacker for the width of laying 7 m	m2	15652,99

	Section 5. Technological passage No5	-	-
1701	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	15063,74
1702	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	m2	11054,66
1703	Arrangement of the base of the crushed stone and sand mixture C-5 grader, for changes in thickness for each 1 cm add or remove to / from the norm 27-15-1 (up to 0.30 m)	m2	11054,66
1704	Fixing the profile of manpea bases with the addition of new material C-7	m2	11054,66
1705	Arrangement of the upper layer of coating 5 cm thick of asphalt-concrete mixtures with asphalt stacker for the width of laying 7 m	m2	10507,96
	Section 6. Technological passage No6	-	-
1706	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	7523,1
1707	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	m2	5587,69
1708	Arrangement of the base of the résumé-sand mixture C-5 grader, for changes in thickness for each 1 cm add or remove to / from the norm 27-15-1 (up to 0.30 m)	m2	5587,69
1709	Fixing the profile of manpea bases with the addition of new material C-7	m2	5587,69
1710	Arrangement of the upper layer of coating 5 cm thick of asphalt-concrete mixtures with asphalt stacker for the width of laying 7 m	m2	5323,77
	Section 7. Technological passage No7	-	-
1711	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	44860,94
1712	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	m2	32876,04
1713	Arrangement of the base of the crushed stone and sand mixture C-5 grader, for changes in thickness for each 1 cm add or remove to / from the norm 27-15-1 (up to 0.30 m)	m2	32876,04
1714	Fixing the profile of crushed bases with the addition of new material C-7	m2	32876,04
1715	Arrangement of the upper layer of coating 5 cm thick of asphalt-concrete mixtures with asphalt stacker for the width of laying 7 m	m2	31241,74
	Section 8. Technological passage No8	-	-
1		3	4
1716	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	44834,78
1717	Arrangement of the base of the wood-sand mixture C-5 grader, with a layer thickness of 15 cm	m2	32857,08
1718	Arrangement of the base of the crushed stone and sand mixture C-5 grader, for changes in thickness for each 1 cm add or remove to / from the norm 27-15-1 (up to 0.30 m)	m2	32857,08
1719	Fixing the profile of manpea bases with the addition of new material C-7	m2	32857,08

1720	Arrangement of the upper layer of coating 5 cm thick of asphalt-concrete mixtures with asphalt stacker for the width of laying 7 m	m2		31223,75
	Section 9. Technological passage No9		-	-
1721	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	-	60564,6
1722	Arrangement of the base of the crushed stone and sand mixture C-5 grader, with a layer thickness of 15 cm	m2		44095,99
1723	Arrangement of the base of the crushed stone and sand mixture C-5 grader, for changes in thickness for each 1 cm add or remove to / from the norm 27-15-1 (up to 0.30 m)	m2		44095,99
1724	Fixing the profile of crushed bases with the addition of new material C-7	m2		44095,99
1725	Arrangement of the upper layer of coating 5 cm thick of asphalt-concrete mixtures with asphalt stacker for the width of laying 7 m	m2		41850,27
	Section 10. Technological passage No10		-	-
1726	Stabilization of the soil base of the earthen canvas when using geotextile material	m2	-	13140,1
1727	Arrangement of the base of the crushed stone and sand mixture C-5 grader, with a layer thickness of 15 cm	m2		9729,11
1728	Arrangement of the base of the crushed stone and sand mixture C-5 grader, for changes in thickness for each 1 cm add or remove to / from the norm 27-15-1 (up to 0.30 m)	m2		9729,11
1729	Fixing the profile of crushed bases with the addition of new material C-7	m2		9729,11
1730	Arrangement of the upper layer of coating 5 cm thick of asphalt-concrete mixtures with asphalt stacker for the width of laying 7 m	m2		9263,97
	Local estimate 02-05-03 for the arrangement of bulk roadsides on technological passages		-	-
1731	Transportation of soil by dump trucks to the distance of 28 km	t	-	15500,76
1732	Transportation of soil by dump trucks to the distance of 29 km	t		13875,18
1733	Transportation of soil by dump trucks to the distance of 30 km	t		17084,595
1734	Transportation of soil by dump trucks to the distance of 31 km	t		15039,585
1735	Transportation of soil by dump trucks to the distance of 32 km	t		16910,52
1736	Transportation of soil by dump trucks to the distance of 33 km	t		14068,23
1737	Transportation of soil by dump trucks to the distance of 34 km	t		17048,79
1738	Transportation of soil by dump trucks to the distance of 50 km	t		13176,57
1739	Transportation of soil by dump trucks to the distance of 49 km	t		17029,32
1740	Transportation of soil by dump trucks to the distance of 48 km	t		15083,64
1741	Transportation of soil by dump trucks to the distance of 47 km	t		15493,665
1742	Transportation of soil by dump trucks to the distance of 46 km	t		16620,12
1743	Transportation of soil by dump trucks to the distance of 45 km	t		15402,585

1744	Transportation of soil by dump trucks to the distance of 44 km	t	13287,78
1745	Transportation of soil by dump trucks to the distance of 43 km	t	16425,42
1746	Transportation of soil by dump trucks to the distance of 42 km	t	15037,77
1747	Transportation of soil by dump trucks to the distance of 41 km	t	13093,245
1748	Transportation of soil by dump trucks to the distance of 40 km	t	7855,98
1749	Transportation of soil by dump trucks to the distance of 39 km	t	13086,645
1		3	4
1750	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 30 cm	м3	157755
1751	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 30 cm	м3	157755
1752	Watering with water of the ingested soil	м3	78877,5
1753	Roadside planning in a mechanized way, soil group 2	м2	87123
1754	Load of vegetable soil from a temporary dump truck on a self-dropper truck with single-slip diesel on track with a 1.25 kovshch [1,25-1,5] m3, soil group 1	м3	14114
1755	Transportation of soil up to 1 km	t	16936,8
1756	Fortification by the roadside sowing of herbs	м2	87123
1757	Watering herbs with water	м2	87123
1758	Planning of slopes in a mechanized way, soil group 2	м2	69698,6
1759	Load of vegetable soil from a temporary dump truck on a self-dropper truck with single-slip diesel on track with a 1.25 scoop [1,25-1,5] m3, soil group 1	м3	10977,5
1760	Transportation of soil up to 1 km	t	13173
1761	Fortification of slopes of earthen structures by sowing perennial herbs in a mechanized way	м2	69698,6
1762	Watering herbs with water	м2	69698,6
	Local estimate 02-06-01 for treatment facilities with a capacity of 2-3 l/s	-	-
1763	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	м3	38
1764	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	2
1765	Arrangement of celestial preparation	м3	9,68
1766	Arrangement of dosed-taking round wells for rain canaling with 2.0 m in dry soils	м3	22,137
1767	Punching holes	шт	24
1768	Waterproofing of walls, foundations side lubrication bitumen in 2 layers	м2	177,6
1769	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	3,8

1770	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	м3	38
1771	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	2
1772	Arrangement of celestial preparation	м3	9,68
1773	Arrangement of dosed-taking round wells for rain canaling with 2.0 m in dry soils	м3	22,137
1774	Punching holes	pcs	16
1775	Waterproofing of walls, foundations side lubrication bitumen in 2 layers	м2	177,6
1776	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	3,8
1777	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	м3	4,8
1		3	4
1778	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	0,24
1779	Arrangement of celestial preparation	м3	4,8
1780	Arrangement of dosed-taking round wells for rain sewage from precast reinforced concrete with a diameter of 1.0 m in dry soils	м3	19,296
1781	Punching holes	pcs	56
1782	Waterproofing of walls, foundations side lubrication bitumen in 2 layers	м2	177,6
1783	Arrangement of gravel base for pipelines	м3	36,08
1784	Laying pipelines from polyethylene pipes with a diameter of 100 mm	м	64
1785	Laying pipelines from polyethylene pipes with a diameter of 300 mm	м	100
1786	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	1366,5
	Local estimate 02-06-02 for treatment facilities with a capacity of 4-5 l/s	-	-
1787	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	м3	67
1788	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	3
1789	Arrangement of celestial preparation	м3	16,03
1790	Arrangement of dosed-taking round wells for rain canaling with 2.0 m in dry soils	м3	38,024
1791	Punching holes	шт	42
1792	Waterproofing of walls, foundations side lubrication bitumen in 2 layers	м2	621,6
1793	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	6,7

1794	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	м3	67
1795	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	3
1796	Arrangement of crushed stone preparation	м3	6,28
1797	Arrangement of dosed-taking round wells for rain canaling with 2.0 m in dry soils	м3	38,024
1798	Punching holes	шт	42
1799	Waterproofing of walls, foundations side lubrication bitumen in 2 layers	м2	621,6
1800	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	6,7
1801	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	м3	8,4
1802	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	0,42
1803	Arrangement of celestial preparation	м3	8,4
1804	Arrangement of dosed-taking round wells for rain sewage from precast reinforced concrete with a diameter of 1.0 m in dry soils	м3	33,768
1805	Punching holes	pcs	98
1		3	4
1806	Waterproofing of walls, foundations side lubrication bitumen in 2 layers	м2	310,8
1807	Arrangement of gravel base for pipelines	м3	48,8
1808	Laying pipelines from polyethylene pipes with a diameter of 100 mm	м	126
1809	Laying pipelines from polyethylene pipes with a diameter of 300 mm	м	176
1810	Arrangement of concrete ware with V-35	м3	6,468
1811	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	2391,8
	Local estimate 02-06-03 for treatment facilities with a capacity of 6-8 l/s	-	-
1812	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	м3	135
1813	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	7
1814	Arrangement of celestial preparation	м3	32,06
1815	Arrangement of dosed-taking round wells for rain canaling with 2.0 m in dry soils	м3	76,048
1816	Punching holes	pcs	84
1817	Waterproofing of walls, foundations side lubrication bitumen in 2 layers	м2	621,6
1818	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	13,5

1819	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	м3	135
1820	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	7
1821	Arrangement of celestial preparation	м3	12,57
1822	Arrangement of dosed-taking round wells for rain canaling with 2.0 m in dry soils	м3	76,048
1823	Punching holes	pcs	84
1824	Waterproofing of walls, foundations side lubrication bitumen in 2 layers	м2	621,6
1825	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	13,5
1826	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	м3	8,4
1827	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	0,42
1828	Arrangement of celestial preparation	м3	16,8
1829	Arrangement of dosed-taking round wells for rain sewage from precast reinforced concrete with a diameter of 1.0 m in dry soils	м3	67,536
1830	Punching holes	pcs	196
1831	Waterproofing of walls, foundations side lubrication bitumen in 2 layers	м2	621,6
1832	Arrangement of gravel base for pipelines	м3	102,14
1833	Laying pipelines from polyethylene pipes with a diameter of 150 mm	м	222
1834	Laying pipelines from polyethylene pipes with a diameter of 350 mm	м	302
1		3	4
1835	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	4784,7
	Local estimate 02-06-04 for treatment facilities with a capacity of 9-12 l/s	-	-
1836	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	м3	87
1837	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	4
1838	Arrangement of crushed preparation	м3	20,61
1839	Arrangement of dosed-taking round wells for rain canaling with 2.0 m in dry soils	м3	48,888
1840	Punching holes	шт	54
1841	Waterproofing of walls, foundations side lubrication bitumen in 2 layers	м2	399,6
1842	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	8,7

1843	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	м3	135
1844	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	7
1845	Arrangement of celestial preparation	м3	12,57
1846	Arrangement of dosing round wells for rain canaling with 2.4 m in dry soils	м3	69,336
1847	Punching holes	шт	36
1848	Waterproofing of walls, foundations side lubrication bitumen in 2 layers	м2	561,6
1849	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	12,2
1850	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	м3	10,8
1851	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	0,54
1852	Arrangement of celestial preparation	м3	10,8
1853	Arrangement of dosed-taking round wells for rain sewage from precast reinforced concrete with a diameter of 1.0 m in dry soils	м3	43,416
1854	Punching holes	pcs	126
1855	Waterproofing of walls, foundations side lubrication bitumen in 2 layers	м2	399,6
1856	Arrangement of gravel base for pipelines	м3	65,66
1857	Laying pipelines from polyethylene pipes with a diameter of 150 mm	м	143
1858	Laying pipelines from polyethylene pipes with a diameter of 350 mm	м	194
1859	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	3044,1
	Local estimate 02-06-05 for treatment facilities with a capacity of 15-19 l/s	-	-
1860	Development of soil in the dump excavators "dragline" or "reverse shovel" with a kov with a capacity of 0.25 m3, soil group 1	м3	28,86
1		3	4
1861	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	1,443
1862	Arrangement of celestial preparation	м3	6,87
1863	Arrangement of dosed-taking round wells for rain canaling with 2.0 m in dry soils	м3	16,296
1864	Punching holes	pcs	18
1865	Waterproofing of walls, foundations side lubrication bitumen in 2 layers	м2	133,2
1866	Fill by hand trenches, grooves of pits and pits, soil group 1	м3	2,9

1867	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	М3	79,02
1868	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	М3	3,951
1869	Arrangement of celestial preparation	М3	11,52
1870	Arrangement of dosing round wells for rain canaling with 2.4 m in dry soils	М3	51,408
1871	Punching holes	IIIТ	12
1872	Waterproofing of walls, foundations side lubrication bitumen in 2 layers	М2	277,2
1873	Fill by hand trenches, grooves of pits and pits, soil group 1	М3	7,9
1874	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	М3	3,6
1875	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	М3	0,18
1876	Arrangement of celestial preparation	М3	3,6
1877	Arrangement of dosed-taking round wells for rain sewage from precast reinforced concrete with a diameter of 1.0 m in dry soils	М3	14,472
1878	Punching holes	IIIТ	42
1879	Waterproofing of walls, foundations side lubrication bitumen in 2 layers	М2	133,2
1880	Arrangement of gravel base for pipelines	М3	24,76
1881	Laying pipelines from polyethylene pipes with a diameter of 200 mm	М	48
1882	Laying pipelines from polyethylene pipes with a diameter of 400 mm	М	61
1883	Fill by hand trenches, grooves of pits and pits, soil group 1	М3	980,4
	Local estimate 02-06-07 for the removal of water from treatment facilities on PC 14+50 to the reclamation channel	-	-
1884	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 1 [1-1,2] m3, soil group 1	М3	9
1885	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	М3	9
1886	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	М3	9
1887	Arrangement of cushions under a monolithic portal	М3	0,32
1888	Arrangement of reinforced concrete portal	М3	6,4
1889	Arrangement of waterproofing of pasting two-layer bitumen mastic	М2	10
1		3	4
1890	Waterproofing lubrication bitumen in 2 layers	М2	130
1891	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.65 [0.5-1] m3, soil group 1	М3	90

1892	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	90
1893	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	90
1894	Fortification of the slopes of the inlet head of the earthen cloth with prefabricated concrete slabs up to 8 cm thick up to 0.25 m2 / horizontal surfaces /	m2	40,5
1895	When strengthening the slopes of the inlet head of the earthen fabric prefabricated concrete slabs with a thickness of more than 8 cm, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	m2	40,5
1896	Fortification of the slopes of the inlet head of the earthen cloth with prefabricated concrete slabs up to 8 cm thick up to 0.25 m2	m2	72
1897	When strengthening the slopes of the inlet head of the earthen fabric prefabricated concrete slabs with a thickness of more than 8 cm add to each 1 cm change in the thickness of the slab	m2	72
1898	Strengthening of ditch slopes on rounding of earthen canvas with monolytic concrete slabs 10 cm thick	m2	9
1899	Reinforcement of bedding layers and concrete	t	0,0198
1900	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.65 [0.5-1] m3, soil group 1	m3	52
1901	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	52
1902	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	52
1903	Fortification of the slopes of the original head of the earthen cloth with prefabricated concrete slabs up to 8 cm thick up to 0.25 m2 / horizontal surfaces /	m2	18
1904	When strengthening the slopes of the output head of the earthen fabric prefabricated concrete slabs with a thickness of more than 8 cm, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	m2	18
1905	Fortification of the slopes of the original head of the earthen cloth with prefabricated concrete slabs up to 8 cm thick up to 0.25 m2	m2	27
1906	When strengthening the slopes of the original head of the earthen fabric prefabricated concrete slabs with a thickness of more than 8 cm add to each 1 cm change in the thickness of the slab	m2	27
1907	Strengthening of ditch slopes on rounding of earthen canvas with monolytic concrete slabs 10 cm thick	m2	9
1908	Reinforcement of bedding layers and concrete	t	0,0198
	Local estimate 02-06-08 for drainage facilities from treatment facilities on PC171+50 and PC176+00 (left and right)	-	-
1909	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	m3	37,8

1910		m3	1,89
1911	Arrangement of cushions under emphasis	m3	1,8
1912	Arrangement of concrete stoppers	m3	33,8
1		3	4
1913	Fill by hand trenches, grooves of pits and pits, soil group 1	m3	4
1914	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	m3	129,35
1915	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	m3	6,47
1916	Arrangement of drainage structures from the carriageway of trays in the slopes of the embankment	m	199
1917	Fill by hand trenches, grooves of pits and pits, soil group 1	m3	31,243
1918	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	m3	7,74
1919	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	m3	1,56
1920	Arrangement of cushions under the extinguisher	m3	3,54
1921	Arrangement of concrete platforms of the gastel 12 cm thick	m3	4,2
1922	Arrangement of crushed stone pillows under monolithic walls of thickness.-15 cm	m3	0,54
1923	Arrangement of concrete walls on the sides of the slogan	m3	1,46
1924	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 2	m3	290
1925	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	m3	14,5
1926	Arrangement of celestial preparation	m3	7
1927	Arrangement of a monologue WELL	m3	27,6
1928	Waterproofing lubrication bitumen in 2 layers	m2	74,6
1929	Installation of reinforcement with separate rods with knitting joint nodes	t	0,14439
1930	Fill by hand trenches, grooves of pits and pits, soil group 2	m3	30
1931	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	m3	3,824
1932	Arrangement of stone cushions under the water wall	m3	0,28
1933	Arrangement of concrete water-block walls	m3	5,84
1934	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.25 m3, soil group 1	m3	10,28
1935	Arrangement of edebel cushions horizontally platforms	m3	4,84
1936	Arrangement of a concrete watershed, a slogan, walls on the sides of the slogan	m3	5,4

1937	Fill manually trenches, grooves of pits and pits, group soils 1	м3	3,2
	Local estimate 02-06-09 on water supply to treatment facilities and water drainage from them	-	-
1938	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a 0.25 м3 kov, group soils 1	м3	330
1939	Manual finishes, cleaning the bottom and ceilings manually with soil in pits and trenches developed by the mechanized way	м3	16,5
1940	Arrangement of drainage structures from the carriageway with water-taking wells of reinforced concrete	колодезь	330
1		3	4
1941	Punching holes	шт	330
1942	Waterproofing lubrication bitumen in 2 layers	м2	990
1943	Arrangement of concrete ware with V-35	м3	49,5
1944	Arrangement of gravel base for pipelines	м3	32,52
1945	Laying pipelines from polyethylene pipes 300 mm diameter with hydraulic	м	28
1946	Laying pipelines from polyethylene pipes 350 mm diameter with hydraulic testing	м	92
1947	Laying pipelines from polyethylene pipes diameter 400 mm with hydraulic testing	м	12
1948	Fill manually trenches, grooves of pits and pits, group soils 1	м3	33
1949	Punching holes	шт	66
1950	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a 0.25 м3 kov, group soils 1	м3	594
1951	Manual finishes, cleaning the bottom and ceilings manually with soil in pits and trenches developed by the mechanized way	м3	29,7
1952	Arrangement of a monolithic WELL with a diameter of 2 m	м3	262,02
1953	Arrangement of drainage structures from the carriageway with water-taking wells of reinforced concrete	well	66
1954	Waterproofing lubrication bitumen in 2 layers	м2	1386
1955	Fill manually trenches, grooves of pits and pits, group soils 1	м3	59,4
1956	Arrangement of gravel base for pipelines	м3	16,26
1957	Laying pipelines from polyethylene pipes 300 mm diameter with hydraulic testing	м	14
1958	Laying pipelines from polyethylene pipes 350 mm diameter with hydraulic testing	м	46
1959	Laying pipelines from polyethylene pipes diameter 400 mm with hydraulic testing	м	6
1960	Arrangement of gravel base for pipelines	м3	48,78
1961	Laying pipelines from polyethylene pipes 300 mm diameter with hydraulic testing	м	42
1962	Laying pipelines from polyethylene pipes 350 mm diameter with hydraulic testing	м	138
1963	Laying pipelines from polyethylene pipes diameter 400 mm with hydraulic testing	м	18

1964	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a 0.25 m3 kov, group soils 1	м3	11
1965	Manual finishes, cleaning the bottom and ceilings manually with soil in pits and trenches developed by the mechanized way	м3	1
1966	Arrangement of drainage structures from the carriageway with trays in the slopes of the embankment	м	55,68
1967	Concreting joints	м3	0,94
1968	Fill manually trenches, grooves of pits and pits, group soils 1	м3	1,1
1969	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a 0.25 m3 kov, group soils 1	м3	9
1970	Manual finishes, cleaning the bottom and ceilings manually with soil in pits and trenches developed by the mechanized way	м3	0,45
1971	Arrangement of drainage structures from the carriageway with extinguishers	гаситель	60
1972	Arrangement of the base for the foundations of the stone	м3	42
1973	Arrangement of concrete spreaders, horizontal platforms of type 1	м3	47,04
1974	Concreting joints B15	м3	0,72
1		3	4
1975	Fill manually trenches, grooves of pits and pits, group soils 1	м3	9,66
	Local estimate 02-07-01 for construction of used pipes otv. 2,0x2,0m on PC 5+97 in reclamation channel (main passage)	-	-
1976	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a 6-inch capacity of 1 [1-1.2] m3, soil group 1	м3	441
1977	Movement of soil by bulldozers with a capacity of 79 kW [108 HP] with soil transfer up to 10 m, soil group 1	м3	441
1978	Add for every subsequent 10 m of soil movement [over 10 m] with 79 kW bulldozers [108 hp], soil group 1	м3	441
1979	Arrangement of edebel cushions under the middle part and headbands	м3	30,54
1980	Arrangement of pischa-shchedrenev pillows under the headband	м3	17,2
1981	Arrangement of cushions under a monolithic portal	м3	0,66
1982	Arrangement of monolotic foundations for links rectangular tube	м3	88,46
1983	Arrangement of monologue foundations under the headband	м3	11,4
1984	Laying links of single-point and two-point rectangular reinforced concrete water pipes hole 2 m at the height of the embankment on railways up to 9 m, on road roads up to 10 m	м3	148,72
1985	Arrangement of waterproofing of the pasting two-layer bitumen mastic	м2	159,23
1986	Oiling waterproofing with bitumen mastic two-layer	м2	636,91

1987	Fill manually trenches, grooves of pits and pits, group soils 2	м3	133
1988	Arrangement of a monologue portal	м3	24,95
1989	Installation of reinforcement sets	т	2,28
1990	Arrangement of waterproofing of the pasting two-layer bitumen mastic	м2	18
1991	Oiling waterproofing with bitumen mastic two-layer	м2	330
1992	Fill manually trenches, grooves of pits and pits, group soils 2	м3	94
1993	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a 65-capacity 65 65 [0.5-1] м3, soil group 1	м3	8
1994	Movement of soil by bulldozers with a capacity of 79 kW [108 HP] with soil transfer up to 10 m, soil group 1	м3	8
1995	Add for every subsequent 10 m of soil movement [over 10 m] with 79 kW bulldozers [108 hp], soil group 1	м3	8
1996	Fortification of the channel of the inlet head of the earthen canvas prefabricated concrete slabs up to 8 cm thick area up to 0,25 м2 /horizontal surfaces/	м2	13,5
1997	During strengthening the channel of the inlet head of the earthen fabric prefabricated concrete slabs with a thickness of more than 8 cm, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	м2	13,5
1998	Fortification of the slopes of the inlet head of the earthen cloth with prefabricated concrete slabs up to 8 cm thick up to 0.25 м2	м2	27
1999	When strengthening the slopes of the inlet head of the earthen fabric prefabricated concrete slabs with a thickness of more than 8 cm add to each 1 cm change in the thickness of the slab	м2	27
2000	Strengthening of the slopes of the inlet head of the earthen fabric with monolattic concrete slabs 10 cm thick	м2	22,9
1		3	4
2001	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	м2	-22,9
2002	Reinforcement	т	0,05038
2003	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a kov with a capacity of 0.65 [0.5-1] м3, soil group 1	м3	12
2004	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	м3	12
2005	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	м3	12
2006	Fortification of the source head of the earthen cloth with prefabricated concrete slabs up to 8 cm thick with an area of up to 0.25 м2 / horizontal surfaces /	м2	18
2007	When strengthening the channel of the original head of the earthen fabric prefabricated concrete slabs with a thickness of more than 8 cm, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	м2	18

2008	Fortification of the slopes of the original head of the earthen cloth with prefabricated concrete slabs up to 8 cm thick up to 0.25 m2	m2		36
2009	When strengthening the slopes of the original head of the earthen fabric prefabricated concrete slabs with a thickness of more than 8 cm add to each 1 cm change in the thickness of the slab	m2		36
2010	Strengthening of slopes of the original head of earthen fabric with monolattic concrete slabs 10 cm thick	m2		12
2011	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	m2		-12
2012	Reinforcement	T		0,0264
2013	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a kov with a capacity of 0.65 [0.5-1] m3, soil group 1	m3		3
2014	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	m3		0,3
2015	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3		3,3
2016	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3		3,3
2017	Arrangement of stone scaffolding or prisms on slopes Local estimate 02-07-02 for the construction of a used pipe. 2,0x2,0m on PC 14+28 in reclamation channel under the main passage	m3	-	3 -
2018	Development of soil in the dump excavators "dragline" or "reverse shovel" with a kov with a capacity of 1 [1-1,2] m3, soil group 1	m3	-	- 340
2019	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3		340
2020	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3		340
2021	Arrangement of cushions under the middle part and headbands	m3		21,66
2022	Arrangement of pischa-shchedrenev pillows under the headband	m3		17,2
2023	Arrangement of cushions under a monolithic portal	m3		0,66
2024	Arrangement of monolithic foundations for links of rectangular pipe	m3		58,86
2025	Installation of monolithic foundations under the header	m3		11,4
1		3		4
2026	Laying links of single-point and two-point rectangular reinforced concrete water pipes with a hole of 2 m at an embankment height on railways up to 9 m, on roads up to 10 m	m3		98,02
2027	Lubrication waterproofing with bitumen mastic two-layer	m2		423,79
2028	Arrangement of waterproofing of pasting two-layer bitumen mastic	m2		105,95
2029	Arrangement of a monologue portal	m3		24,95
2030	Installation of reinforcement sets	t		2,28

2031	Arrangement of waterproofing of pasting two-layer bitumen mastic	м2	18
2032	Lubrication waterproofing with bitumen mastic two-layer	м2	330
2033	Fill by hand trenches, grooves of pits, soil group 2	м3	94
2034	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a kov with a capacity of 0.65 [0.5-1] m3, soil group 1	м3	11,62
2035	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	м3	11,62
2036	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	м3	11,62
2037	Fortification of the inlet head of the earthen cloth with prefabricated concrete slabs up to 8 cm thick up to 0.25 m2 /horizontal surfaces/	м2	45
2038	When strengthening the channel of the inlet head of the earthen fabric prefabricated concrete slabs with a thickness of more than 8 cm, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	м2	45
2039	Fortification of the slopes of the inlet head of the earthen cloth with prefabricated concrete slabs up to 8 cm thick up to 0.25 m2	м2	90
2040	When strengthening the slopes of the inlet head of the earthen fabric prefabricated concrete slabs with a thickness of more than 8 cm add to each 1 cm change in the thickness of the slab	м2	90
2041	Strengthening of the slopes of the inlet head of the earthen canvas with monolytic concrete slabs 10 cm thick	м2	22,9
2042	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	м2	-22,9
2043	Reinforcement	t	0,05038
2044	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a kov with a capacity of 0.65 [0.5-1] m3, soil group 1	м3	13,41
2045	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	м3	13,41
2046	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	м3	13,41
2047	Fortification of the source head of the earthen cloth with prefabricated concrete slabs up to 8 cm thick with an area of up to 0.25 m2 / horizontal surfaces /	м2	31,5
2048	When strengthening the channel of the original head of the earthen fabric prefabricated concrete slabs with a thickness of more than 8 cm, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	м2	31,5
2049	Fortification of the slopes of the original head of the earthen cloth with prefabricated concrete slabs up to 8 cm thick up to 0.25 m2	м2	36
1		3	4
2050	When strengthening the slopes of the original head of the earthen fabric prefabricated concrete slabs with a thickness of more than 8 cm add to each 1 cm change in the thickness of the slab	м2	36

2051	Strengthening the slopes of the original head of the earthen canvas with monolytic concrete slabs 10 cm thick	м2	12
2052	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	м2	-12
2053	Reinforcement	t	0,015
2054	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a kov with a capacity of 0.65 [0.5-1] m3, soil group 1	м3	3
2055	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	м3	0,3
2056	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	м3	3,3
2057	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	м3	3,3
2058	Arrangement of stone scaffolding or prisms on slopes	м3	3
	Local estimate 02-07-03 for the construction of used pipes diam.1,5m (main passage)	-	-
2059	Development of soil in the dump excavators "dragline" or "reverse shovel" with a kov with a capacity of 1 [1-1,2] m3, soil group 1	м3	1085
2060	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	м3	1085
2061	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	м3	1085
2062	Arrangement of sand and stone pillows for foundations	м3	1085
2063	Laying of blade blocks under the link of round zalobetonnyh water pipes hole 1,5 m	м3	678,6
2064	Laying links of single-point round reinforced concrete water pipes hole 1.5 m at the height of the embankment on railways up to 8 m, on roads up to 9 m	м3	971,1
2065	Lubrication waterproofing with bitumen mastic two-layer	м2	6867,82
2066	Arrangement of waterproofing of pasting two-layer bitumen mastic	м2	433,76
2067	Development of soil in the dump excavators "dragline" or "reverse shovel" with a kov with a capacity of 1 [1-1,2] m3, soil group 1	м3	1188
2068	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	м3	1188
2069	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	м3	1188
2070	Construction of portal walls of single-eyed round pipes with a hole of 1.5 m	м3	69,08
2071	Arrangement of celestial preparation	м3	22
2072	Arrangement of sand and gravel preparation	м3	224,4
2073	Lubrication waterproofing with bitumen mastic two-layer	м2	968

2074	Construction of sedentary walls of single-eyed round pipes with a hole of 1.5 m	M3	146,96
2075	Arrangement of waterproofing of pasting two-layer bitumen mastic	M2	39,6
1		3	4
2076	Backfill of trenches and pits with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 5 m, soil group 1	M3	748
2077	Compaction of the soil by using rolls	M3	748
2078	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a bucket with a capacity of 0.65 [0.5-1] m ³ , soil group 1	M3	167
2079	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	M3	167
2080	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	M3	167
2081	Strengthening of the inlet channel of earthen fabric with monolithic concrete slabs 10 cm thick / horizontal surfaces /	M2	497,2
2082	During strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	M2	-497,2
2083	Reinforcement	t	1,093
2084	Strengthening of the slopes of the inlet head of the earthen fabric with monolithic concrete slabs 10 cm thick	M2	392
2085	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	M2	-392
2086	Reinforcement	t	0,8624
2087	Arrangement of emphasis from monolithic concrete B15	M3	15,4
2088	Strengthening of the source channel of earthen fabric with monolithic concrete slabs 10 cm thick / horizontal surfaces /	M2	147,4
2089	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	M2	147,4
2090	Reinforcement	t	0,3256
2091	Strengthening of slopes of the original head of earthen fabric with monolithic concrete slabs 10 cm thick	M2	248,6
2092	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	M2	-248,6
2093	Reinforcement	T	0,5478
2094	Arrangement of emphasis from monolithic concrete B15	M3	8,8
	Local estimate 02-07-04 for the construction of a used pipe. 4,0x2,50m on PC67+50 (main fare)	-	-
2095	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 1 [1-1,2] m ³ , soil group 1	M3	540

2096	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	М3	540
2097	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	М3	540
2098	Arrangement of cushions under the middle part and headbands	М3	35,12
2099	Arrangement of sand and gravel cushions under headings	М3	31,6
2100	Arrangement of monologue foundations for links, headheads of rectangular pipe	М3	101,952
2101	Arrangement of monologue foundations under the headband	М3	21
2102	Arrangement of prefabricated foundations	М3	1,72
1		3	4
2103	Laying links of single-point and two-point rectangular reinforced concrete water pipes with a hole of 4 m at an embankment height on railways up to 9 m, on roads up to 10 m	М3	199,1
2104	Lubrication waterproofing with bitumen mastic two-layer	М2	606,048
2105	Arrangement of waterproofing of pasting two-layer bitumen mastic	М2	152,928
2106	Fill by hand trenches, grooves of pits and pits, soil group 2	М3	96
2107	Construction of entrance and output headheads of one-point and two-point rectangular pipes with a hole up to 3-4 m	М3	7,92
2108	Laying links of single-eyed and two-point rectangular reinforced concrete water pipes with a hole of 4 m at an embankment height on railways up to 9 m, on roads up to 10 m	М3	7,24
2109	Installation of CT 2, CT 3 slope walls and concrete concrete pipes rectangular flume with an opening of up to 6 m	М3	14,88
2110	Arrangement of sand and gravel cushions under the flume	М3	13,2
2111	Monolytic concrete tray	М3	8,6
2112	Arrangement of waterproofing of pasting two-layer bitumen mastic	М2	14
2113	Lubrication waterproofing with bitumen mastic two-layer	М2	138,6
2114	Fill by hand trenches, grooves of pits and pits, soil group 2	М3	156
2115	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.65 [0.5-1] m3, soil group 1	М3	32
2116	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	М3	32
2117	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	М3	32
2118	Strengthening of the inlet channel of earthen fabric with monoline concrete slabs 10 cm thick / horizontal surfaces /	М2	37,5
2119	During strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	М2	-37,5

2120	Reinforcement	t	0,0825
2121	Strengthening of the slopes of the inlet head of the earthen fabric with monolattic concrete slabs 10 cm thick	m2	26,6
2122	During strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	m2	-26,6
2123	Reinforcement	t	0,0585
2124	Arrangement of emphasis from monolyt concrete B15	m3	0,7
2125	Strengthening of the source channel of earthen fabric with monoline concrete slabs 10 cm thick / horizontal surfaces /	m2	77,2
2126	When the ground canvas is covered with monoline concrete slabs with a thickness of more than 10 cm, add to each 1 cm of slab thickness /horizontal surfaces/	m2	77,2
2127	Reinforcement	T	0,17
2128	Strengthening the slopes of the original head of the earthen canvas with monolytic concrete slabs 10 cm thick	m2	16,8
2129	During strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	m2	-16,8
2130	Reinforcement	t	0,037
1		3	4
2131	Arrangement of emphasis from monolyt concrete B15	m3	0,4
2132	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.65 [0.5-1] m3, soil group 1	m3	150
2133	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	m3	7,5
2134	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	157,5
2135	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	157,5
2136	Drawing of earthen canvas with monoline concrete slabs 10 cm thick / horizontal surfaces /	m2	103,5
2137	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	m2	-103,5
2138	Reinforcement	t	0,22725
2139	Arrangement of stone scaffolding or prisms on slopes	m3	71
	Local estimate 02-07-05 for the construction of 2x1.5m pipes on PC150+34 (main passage)	-	-
2140	Development of soil for the foundation and for the riverbed in the rear of the excavators "dragline" or "reverse shovel" with a scoop bridge 1 [1-1,2] m3, soil group 1	m3	400
2141	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	400
2142	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	400

2143	Planning the bottom of the trench channel with bulldozers with a capacity of 79 kW [108 hp] per 1 drive	М2	500
2144	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 30 cm	М3	150
2145	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 30 cm	М3	150
2146	Arrangement of crushed stone pillows	М3	26,51
2147	Arrangement of a monologue foundation	М3	126,24
2148	Laying links of two-point round reinforced concrete water pipes hole 2x1.5 m at a height of embankment on railways up to 8 m, on roads up to 9 m	М3	101,26
2149	Lubrication waterproofing with bitumen mastic two-layer	М2	695,4
2150	Arrangement of waterproofing of pasting two-layer bitumen mastic	М2	43,92
2151	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 1 [1-1,2] m3, soil group 1	М3	108
2152	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	М3	108
2153	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	М3	108
2154	Construction of headbands of two-point round pipes with a hole of 2x[1,25-2] m	М3	6,28
2155	Arrangement of crushed stone preparation	М3	2
2156	Arrangement of sand and gravel preparation	М3	20,4
2157	Lubrication waterproofing with bitumen mastic two-layer	М2	88
1		3	4
2158	Construction of sedentary walls of two-point round pipes with a hole of 2x[1,25-2] m	М3	6,68
2159	Arrangement of waterproofing of pasting two-layer bitumen mastic	М2	3,6
2160	Backfill of trenches and pits with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 5 m, soil group 1	М3	68
2161	Compaction of the soil by uching rolls	М3	68
2162	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.65 [0.5-1] m3, soil group 1	М3	14
2163	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	М3	14
2164	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	М3	14
2165	Strengthening of the inlet channel of earthen fabric with monoline concrete slabs 10 cm thick / horizontal surfaces /	М2	28,9
2166	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	М2	-28,9

2167	Reinforcement	t	0,0635
2168	Strengthening of the slopes of the inlet head of the earthen canvas with monolytic concrete slabs 10 cm thick	m2	20,1
2169	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	m2	-20,1
2170	Reinforcement	t	0,0442
2171	Arrangement of emphasis from monolyt concrete B15	m3	0,7
2172	Strengthening of the source channel of earthen fabric with monoline concrete slabs 10 cm thick / horizontal surfaces /	m2	18,1
2173	When the ground canvas is covered with monoline concrete slabs with a thickness of more than 10 cm, add to each 1 cm of slab thickness /horizontal surfaces/	m2	18,1
2174	Reinforcement	t	0,0398
2175	Strengthening the slopes of the original head of the earthen canvas with monolytic concrete slabs 10 cm thick	m2	13,6
2176	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	m2	-13,6
2177	Reinforcement	t	0,03
2178	Arrangement of emphasis from monolyt concrete B15	m3	0,4
	Local estimate 02-07-06 for the construction of a used pipe. 2,0x2,0m on PC14+28 under technological passages (left and right) in the ground channel	-	-
2179	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 1 [1-1,2] m3, soil group 1	m3	343
2180	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	343
2181	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	343
2182	Arrangement of rubble pads under the middle part and hatchways	m3	14,1
2183	Arrangement of sand and gravel cushions under headings	m3	18
2184	Arrangement of rubble pads under the monolithic portal	m3	1,32
1		3	4
2185	Arrangement of monolithic foundations for links of rectangular pipe	m3	20,32
2186	Arrangement of monologue foundations under the headband	m3	22,8
2187	Laying links of single-point and two-point rectangular reinforced concrete water pipes with a hole of 2 m at an embankment height on railways up to 9 m, on roads up to 10 m	m3	33,8
2188	Lubrication waterproofing with bitumen mastic two-layer	m2	146,3
2189	Arrangement of waterproofing of pasting two-layer bitumen mastic	m2	37
2190	Fill by hand trenches, grooves of pits and pits, soil group 2	m3	26

2191	Arrangement of a monologue portal	m3	49,9
2192	Reinforcement	t	4,56
2193	Arrangement of waterproofing of pasting two-layer bitumen mastic	m2	36
2194	Lubrication waterproofing with bitumen mastic two-layer	m2	660
2195	Fill by hand trenches, grooves of pits and pits, soil group 2	m3	188
2196	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.65 [0.5-1] m3, soil group 1	m3	10,87
2197	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	10,87
2198	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	10,87
2199	Fortification of the inlet head of the earthen cloth with prefabricated concrete slabs up to 8 cm thick up to 0.25 m2 /horizontal surfaces/	m2	13,5
2200	When strengthening the channel of the inlet head of the earthen fabric prefabricated concrete slabs with a thickness of more than 8 cm, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	m2	13,5
2201	Fortification of the slopes of the inlet head of the earthen cloth with prefabricated concrete slabs up to 8 cm thick up to 0.25 m2	m2	27
2202	When strengthening the slopes of the inlet head of the earthen fabric prefabricated concrete slabs with a thickness of more than 8 cm add to each 1 cm change in the thickness of the slab	m2	27
2203	Strengthening of the slopes of the inlet head of the earthen fabric with monolattic concrete slabs 10 cm thick	m2	22,9
2204	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	m2	-22,9
2205	Reinforcement	t	0,05038
2206	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.65 [0.5-1] m3, soil group 1	m3	11,16
2207	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	11,16
2208	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	11,16
2209	Fortification of the source head of the earthen cloth with prefabricated concrete slabs up to 8 cm thick with an area of up to 0.25 m2 / horizontal surfaces /	m2	18
2210	When strengthening the channel of the original head of the earthen fabric prefabricated concrete slabs with a thickness of more than 8 cm, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	m2	18
1		3	4
2211	Fortification of the source head of the earthen cloth with prefabricated concrete slabs up to 8 cm thick up to 0.25 m2	m2	36

2212	When strengthening the channel of the original head of the earthen fabric prefabricated concrete slabs with a thickness of more than 8 cm, add to each 1 cm change in the thickness of the slab	М2	36
2213	Strengthening of slopes of the original head of earthen fabric with monolithic concrete slabs 10 cm thick	М2	12
2214	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	М2	-12
2215	Reinforcement	t	0,015
2216	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.65 [0.5-1] m ³ , soil group 1	М3	3
2217	Manual finishes, cleaning the bottom and walls manually with soil emission in pits and trenches developed in a mechanized way	М3	0,3
2218	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	М3	3,3
2219	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	М3	3,3
2220	Arrangement of stone scaffolding or prisms on slopes	М3	3
	Local estimate 02-07-07 for the construction of 2x0.75m pipes (under technological passages left and right)	-	-
2221	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 1 [1-1,2] m ³ , soil group 1	М3	1541
2222	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	М3	1541
2223	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	М3	1541
2224	Arrangement of crushed stone pillows	М3	249
2225	Arrangement of monolytic foundations for links to the pipes	М3	1186
2226	Laying links of two-point round reinforced concrete water pipes hole 2x0.75 m at the height of the embankment on roads up to 1.35 m	М3	241,92
2227	Lubrication waterproofing with bitumen mastic two-layer	М2	3438,24
2228	Arrangement of waterproofing of pasting two-layer bitumen mastic	М2	237,12
2229	Fill by hand trenches, grooves of pits and pits, soil group 2	М3	217
2230	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scop with a capacity of 1 [1-1,2] m ³ , soil group 1	М3	2112
2231	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	М3	2112
2232	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	М3	2112
2233	Arrangement of a macadam base under the head	М3	8,064

2234	Construction of portal wall ST-9 two-point round pipes hole 2x0,75 m	М3	236,16
2235	Lubrication waterproofing with bitumen mastic two-layer	М2	4224
2236	Arrangement of waterproofing of pasting two-layer bitumen mastic	М2	1728
1		3	4
2237	Backfill of trenches and pits with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 5 m, soil group 1	М3	1920
2238	Compaction of the soil by uching rolls	М3	1920
2239	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.65 [0.5-1] m3, soil group 1	М3	475
2240	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	М3	475
2241	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	М3	475
2242	Strengthening of the inlet channel of earthen fabric with monoline concrete slabs 10 cm thick / horizontal surfaces /	М2	350,4
2243	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	М2	-350,4
2244	Reinforcement	t	0,7728
2245	Strengthening of the slopes of the inlet head of the earthen fabric with monolattic concrete slabs 10 cm thick	М2	532,8
2246	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	М2	-532,8
2247	Reinforcement	t	1,176
2248	Arrangement of emphasis from monolyt concrete B15	М3	19,2
2249	Strengthening of the source channel of earthen fabric with monoline concrete slabs 10 cm thick / horizontal surfaces /	М2	1080
2250	When the ground canvas is covered with monoline concrete slabs with a thickness of more than 10 cm, add to each 1 cm of slab thickness /horizontal surfaces/	М2	1080
2251	Reinforcement	t	2,376
2252	Strengthening of slopes of the original head of earthen fabric with monolattic concrete slabs 10 cm thick	М2	417,6
2253	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	М2	-417,6
2254	Reinforcement	t	0,9168
2255	Arrangement of emphasis from monolyt concrete B15	М3	14,4
2256	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.65 [0.5-1] m3, soil group 1	М3	816
2257	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	М3	816

2258	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	м3	816
2259	Drawing of earthen canvas with monoline concrete slabs 10 cm thick / horizontal surfaces /	м2	1032
2260	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	м2	-1032
2261	Reinforcement	t	2,2704
2262	Arrangement of stone scaffolding or prisms on slopes	м3	139,44
	Local estimate 02-07-08 for the construction of 2x1.5m pipes on PC150+34 (under technological passages left and right)	-	-
-	-	-	-
1		3	4
2263	Development of soil for the foundation and for the riverbed in the rear of the excavators "dragline" or "reverse shovel" with a scoop bridge 1 [1-1,2] м3, soil group 1	м3	64
2264	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	м3	64
2265	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	м3	64
2266	Arrangement of crushed stone pillows	м3	10,374
2267	Arrangement of monolithic foundations	м3	49,4
2268	Laying links of two-point round reinforced concrete water pipes hole 2x1.5 m at a height of embankment on railways up to 8 m, on roads up to 9 m	м3	34,56
2269	Lubrication waterproofing with bitumen mastic two-layer	м2	268,8
2270	Arrangement of waterproofing of pasting two-layer bitumen mastic	м2	16,8
2271	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 1 [1-1,2] м3, soil group 1	м3	216
2272	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	м3	216
2273	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	м3	216
2274	Construction of headbands of two-point round pipes with a hole of 2x[1,25-2] m	м3	12,56
2275	Arrangement of crushed stone preparation	м3	4
2276	Arrangement of sand and gravel preparation	м3	40,8
2277	Lubrication waterproofing with bitumen mastic two-layer	м2	176
2278	Construction of sedentary walls of two-point round pipes with a hole of 2x[1,25-2] m	м3	13,36
2279	Arrangement of waterproofing of pasting two-layer bitumen mastic	м2	7,2
2280	Backfill of trenches and pits with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 5 m, soil group 1	м3	136
2281	Compaction of the soil by uching rolls	м3	136

2282	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.65 [0.5-1] m ³ , soil group 1	m3	27
2283	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	27
2284	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	27
2285	Strengthening of the inlet channel of earthen fabric with monoline concrete slabs 10 cm thick / horizontal surfaces /	m2	57,8
2286	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	m2	-57,8
2287	Reinforcement	t	0,127
2288	Strengthening of the slopes of the inlet head of the earthen fabric with monolattic concrete slabs 10 cm thick	m2	40,2
2289	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	m2	-40,2
2290	Reinforcement	t	0,0884
2291	Arrangement of emphasis from monolyt concrete B15	m3	1,4
1		3	4
2292	Strengthening of the source channel of earthen fabric with monoline concrete slabs up to 10 cm thick / horizontal surfaces /	m2	36,2
2293	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	m2	36,2
2294	Reinforcement	t	0,0796
2295	Strengthening of slopes of the original head of earthen fabric with monolattic concrete slabs 10 cm thick	m2	27,2
2296	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	m2	-27,2
2297	Reinforcement	t	0,06
2298	Arrangement of emphasis from monolyt concrete B15	m3	0,8
2299	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.65 [0.5-1] m ³ , soil group 1	m3	34
2300	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	34
2301	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	34
2302	Drawing of earthen canvas with monoline concrete slabs 10 cm thick / horizontal surfaces /	m2	43
2303	When fortified with monolithic concrete slabs more than 10 cm thick, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	m2	-43
2304	Reinforcement	t	0,0946
2305	Arrangement of stone scaffolding or prisms on slopes	m3	5,81

2306	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.65 [0.5-1] m3, soil group 1	m3	24
2307	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	24
2308	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	24
2309	Strengthening of the inlet channel of earthen fabric with monoline concrete slabs 10 cm thick / horizontal surfaces /	m2	45
2310	When fortified with monolithic concrete slabs more than 10 cm thick, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	m2	-45
2311	Reinforcement	t	0,099
2312	Strengthening of the slopes of the inlet head of the earthen fabric with monolattic concrete slabs 10 cm thick	m2	30
2313	When fortified with monolithic concrete slabs more than 10 cm thick, add to each 1 cm change in the thickness of the slab	m2	-30
2314	Reinforcement	t	0,066
2315	Strengthening of the source channel of earthen fabric with monoline concrete slabs up to 10 cm thick / horizontal surfaces /	m2	45
2316	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	m2	45
2317	Reinforcement	t	0,099
2318	Strengthening the slopes of the original head of the earthen canvas with monolytic concrete slabs 10 cm thick	m2	30
1		3	4
2319	When fortified with monolithic concrete slabs more than 10 cm thick, add to each 1 cm change in the thickness of the slab	m2	-30
2320	Reinforcement	t	0,066
	Local estimate 02-07-09 for the construction of 2x1.5m ppm pipes on PC90+00 (under technological passages left and right) near bridges	-	-
2321	Development of soil for the foundation and for the riverbed in the rear of the excavators "dragline" or "reverse shovel" with a scoop bridge 1 [1-1,2] m3, soil group 1	m3	64
2322	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	64
2323	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	64
2324	Arrangement of crushed stone pillows	m3	10,374
2325	Arrangement of monolithic foundations	m3	49,4
2326	Laying links of two-point round reinforced concrete water pipes hole 2x1.5 m at a height of embankment on railways up to 8 m, on roads up to 9 m	m3	34,56

2327	Lubrication waterproofing with bitumen mastic two-layer	m2	268,8
2328	Arrangement of waterproofing of pasting two-layer bitumen mastic	m2	16,8
2329	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 1 [1-1,2] m3, soil group 1	m3	216
2330	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	216
2331	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	216
2332	Construction of headbands of two-point round pipes with a hole of 2x[1,25-2] m	m3	12,56
2333	Arrangement of celestial preparation	m3	4
2334	Arrangement of pischano-szczebenewa training	m3	40,8
2335	Lubrication waterproofing with bitumen mastic two-layer	m2	176
2336	Construction of sedentary walls of two-point round pipes with a hole of 2x[1,25-2] m	m3	13,36
2337	Arrangement of waterproofing of pasting two-layer bitumen mastic	m2	7,2
2338	Backfill of trenches and pits with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 5 m, soil group 1	m3	136
2339	Compaction of the soil by uching rolls	m3	136
2340	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a kov with a capacity of 0.65 [0.5-1] m3, soil group 1	m3	27
2341	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	27
2342	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	27
2343	Strengthening of the inlet channel of earthen fabric with monoline concrete slabs 10 cm thick / horizontal surfaces /	m2	57,8
2344	When fortified with monolithic concrete slabs more than 10 cm thick, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	m2	-57,8
2345	Reinforcement	t	0,127
1		3	4
2346	Strengthening of the slopes of the inlet head of the earthen canvas with monolytic concrete slabs 10 cm thick	m2	40,2
2347	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	m2	-40,2
2348	Reinforcement	t	0,0884
2349	Arrangement of emphasis from monolyt concrete B15	m3	1,4
2350	Strengthening of the source channel of earthen fabric with monoline concrete slabs up to 10 cm thick / horizontal surfaces /	m2	36,2
2351	When fortified with monolithic concrete slabs more than 10 cm thick, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	m2	36,2

2352	Reinforcement	t	0,0796
2353	Strengthening of slopes of the original head of earthen fabric with monolattic concrete slabs 10 cm thick	m2	27,2
2354	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	m2	-27,2
2355	Reinforcement	t	0,06
2356	Arrangement of emphasis from monolyt concrete B15	m3	0,8
2357	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.65 [0.5-1] m3, soil group 1	m3	34
2358	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	34
2359	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	34
2360	Drawing of earthen canvas with monoline concrete slabs 10 cm thick / horizontal surfaces /	m2	43
2361	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	m2	-43
2362	Reinforcement	t	0,0946
2363	Arrangement of stone scaffolding or prisms on slopes	m3	5,81
	Local estimate 02-07-010 for the construction of 2x1.5m pipes on PC114+25 (under technological passages left and right) near bridges	-	-
2364	Development of soil for the foundation and for the riverbed in the rear of the excavators "dragline" or "reverse shovel" with a kovsh bridge 1 [1-1,2] m3, soil group 1	m3	64
2365	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	64
2366	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	64
2367	Arrangement of crushed stone pillows	m3	10,374
2368	Arrangement of monolithic foundations	m3	49,4
2369	Laying links of two-point round reinforced concrete water pipes hole 2x1.5 m at a height of embankment on railways up to 8 m, on roads up to 9 m	m3	34,56
2370	Lubrication waterproofing with bitumen mastic two-layer	m2	268,8
2371	Arrangement of waterproofing of pasting two-layer bitumen mastic	m2	16,8
2372	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 1 [1-1,2] m3, soil group 1	m3	216
2373	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	216
1		3	4
2374	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	216

2375	Construction of headbands of two-point round pipes with a hole of 2x[1,25-2] m	m3	12,56
2376	Arrangement of celestial preparation	m3	4
2377	Arrangement of sand and gravel preparation	m3	40,8
2378	Lubrication waterproofing with bitumen mastic two-layer	m2	176
2379	Construction of sedentary walls of two-point round pipes with a hole of 2x[1,25-2] m	m3	13,36
2380	Arrangement of waterproofing of pasting two-layer bitumen mastic	m2	7,2
2381	Backfill of trenches and pits with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 5 m, soil group 1	m3	136
2382	Compaction of the soil by uching rolls	m3	136
2383	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.65 [0.5-1] m3, soil group 1	m3	27
2384	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	27
2385	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	27
2386	Strengthening of the inlet channel of earthen fabric with monoline concrete slabs 10 cm thick / horizontal surfaces /	m2	57,8
2387	When fortified with monolithic concrete slabs more than 10 cm thick, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	m2	-57,8
2388	Reinforcement	t	0,127
2389	Strengthening of the slopes of the inlet head of the earthen fabric with monolattic concrete slabs 10 cm thick	m2	40,2
2390	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	m2	-40,2
2391	Reinforcement	t	0,0884
2392	Arrangement of emphasis from monolyt concrete B15	m3	1,4
2393	Strengthening of the source channel of earthen fabric with monoline concrete slabs up to 10 cm thick / horizontal surfaces /	m2	36,2
2394	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	m2	36,2
2395	Reinforcement	t	0,0796
2396	Strengthening the slopes of the original head of the earthen canvas with monolytic concrete slabs 10 cm thick	m2	27,2
2397	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	m2	-27,2
2398	Reinforcement	t	0,06
2399	Arrangement of emphasis from monolyt concrete B15	m3	0,8
2400	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.65 [0.5-1] m3, soil group 1	m3	34

2401	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	34
2402	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	34
1		3	4
2403	Drawing of earthen canvas with monoline concrete slabs 10 cm thick / horizontal surfaces /	m2	43
2404	When fortified with monolithic concrete slabs more than 10 cm thick, add to each 1 cm change in the thickness of the slab	m2	-43
2405	Reinforcement	t	0,0946
2406	Arrangement of stone scaffolding or prisms on slopes	m3	5,81
	Local estimate 02-07-011 for the construction of diam.0.75m pipes under technological passages on PC171+93 and PC175+64 (left and right)	-	-
2407	Development of soil in the dump excavators "dragline" or "reverse shovel" with a kov with a capacity of 1 [1-1,2] m3, soil group 1	m3	20
2408	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	20
2409	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	20
2410	Arrangement of sand and gravel cushions	m3	19,76
2411	Laying links of single-point round reinforced concrete water pipes hole 0.75 m at the height of the embankment on roads up to 1.35 m	m3	10,08
2412	Lubrication waterproofing with bitumen mastic two-layer	m2	139,2
2413	Arrangement of waterproofing of pasting two-layer bitumen mastic	m2	9,6
2414	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 1 [1-1,2] m3, soil group 1	m3	88
2415	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	88
2416	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	88
2417	Arrangement of a macadam base under the head	m3	0,336
2418	Construction of portal walls of single-point round pipes with a hole of 0.75 m	m3	9,84
2419	Lubrication waterproofing with bitumen mastic two-layer	m2	72
2420	Arrangement of waterproofing of pasting two-layer bitumen mastic	m2	7,2
2421	Backfill of trenches and pits with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 5 m, soil group 1	m3	80
2422	Compaction of the soil by uching rolls	m3	80
2423	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.65 [0.5-1] m3, soil group 1	m3	25

2424	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	25
2425	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	25
2426	Strengthening of the inlet channel of earthen fabric with monoline concrete slabs 10 cm thick / horizontal surfaces /	m2	19,6
2427	When fortified with monolithic concrete slabs more than 10 cm thick, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	m2	-19,6
2428	Reinforcement	t	0,0432
2429	Strengthening of the slopes of the inlet head of the earthen canvas with monolytic concrete slabs 10 cm thick	m2	40
1		3	4
2430	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	m2	-40
2431	Reinforcement	t	0,088
2432	Arrangement of emphasis from monolyt concrete B15	m3	1,6
2433	Strengthening of the source channel of earthen fabric with monoline concrete slabs 10 cm thick / horizontal surfaces /	m2	70,8
2434	When fortified with monolithic concrete slabs more than 10 cm thick, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	m2	70,8
2435	Reinforcement	t	0,1592
2436	Strengthening of slopes of the original head of earthen fabric with monolattic concrete slabs 10 cm thick	m2	30,4
2437	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	m2	-30,4
2438	Reinforcement	t	0,0668
2439	Arrangement of emphasis from monolyt concrete B15	m3	1,2
2440	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.65 [0.5-1] m3, soil group 1	m3	34
2441	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	34
2442	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	34
2443	Drawing of earthen canvas with monoline concrete slabs 10 cm thick / horizontal surfaces /	m2	65,75
2444	When fortified with monolithic concrete slabs more than 10 cm thick, add to each 1 cm change in the thickness of the slab	m2	-65,75
2445	Reinforcement	t	0,0946
2446	Arrangement of stone scaffolding or prisms on slopes	m3	5,81
	Local estimate 02-07-012 for the construction of a diam.0.75m pipe (under the bicycle path)	-	-
-	-	-	-

2447	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 1 [1-1,2] m3, soil group 1	м3	4,5
2448	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	м3	4,5
2449	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	м3	4,5
2450	Arrangement of sand and gravel cushions	м3	4,53
2451	Laying links of single-point round reinforced concrete water pipes hole 0.75 m at the height of the embankment on roads up to 1.35 m	м3	2,31
2452	Lubrication waterproofing with bitumen mastic two-layer	м2	32,83
2453	Arrangement of waterproofing of pasting two-layer bitumen mastic	м2	2,26
2454	Development of soil in the dump excavators "dragline" or "reverse shovel" with a scoop with a capacity of 1 [1-1,2] m3, soil group 1	м3	22
2455	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	м3	22
2456	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	м3	22
1		3	4
2457	Construction of portal walls of single-point round pipes with a hole of 0.75 m	м3	2,46
2458	Lubrication waterproofing with bitumen mastic two-layer	м2	18
2459	Arrangement of waterproofing of pasting two-layer bitumen mastic	м2	1,8
2460	Backfill of trenches and pits with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 5 m, soil group 1	м3	20
2461	Compaction of the soil by uching rolls	м3	20
2462	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.65 [0.5-1] m3, soil group 1	м3	6
2463	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	м3	6
2464	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	м3	6
2465	Strengthening of the inlet channel of earthen fabric with monoline concrete slabs 10 cm thick / horizontal surfaces /	м2	4,9
2466	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	м2	-4,9
2467	Reinforcement	t	0,0108
2468	Strengthening of the slopes of the inlet head of the earthen fabric with monolattic concrete slabs 10 cm thick	м2	10

2469	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	m2	-10
2470	Reinforcement	t	0,022
2471	Arrangement of emphasis from monolyt concrete B15	m3	0,4
2472	Strengthening of the source channel of earthen fabric with monoline concrete slabs 10 cm thick / horizontal surfaces /	m2	17,7
2473	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab / horizontal surfaces /	m2	17,7
2474	Reinforcement	t	0,0398
2475	Strengthening the slopes of the original head of the earthen canvas with monolytic concrete slabs 10 cm thick	m2	7,6
2476	When strengthening the slopes of the earthen fabric with monolithic concrete slabs with a thickness of more than 10 cm, add to each 1 cm change in the thickness of the slab	m2	-7,6
2477	Reinforcement	t	0,0167
2478	Arrangement of emphasis from monolyt concrete B15	m3	0,3
2479	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a scoop with a capacity of 0.65 [0.5-1] m3, soil group 1	m3	8,5
2480	Movement of soil by bulldozers with a capacity of 79 kW [108 hp] with soil transfer up to 10 m, soil group 1	m3	8,5
2481	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	8,5
2482	Drawing of earthen canvas with monoline concrete slabs 10 cm thick / horizontal surfaces /	m2	10,75
2483	When fortified with monolithic concrete slabs more than 10 cm thick, add to each 1 cm change in the thickness of the slab	m2	-10,75
2484	Reinforcement	t	0,02365
1		3	4
2485	Arrangement of stone scaffolding or prisms on slopes Local estimate 02-08-01 for extreme supports	m3 -	1,45 -
2486	Development of soil with loading on cars- dump trucks excavators single-wheeled diesel on pneumatic wheel drive with a scoop capacity of 0.25 m3, soil group 2	m3 -	270 -
2487	Transportation of soil up to 1 km	t	520
2488	Development of soil manually in the dump, soil group 2	m3	80
2489	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	m3	260
2490	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 25 cm	m3	260
2491	Watering with water of compacting soil in embankment	m3	130
2492	Earth moving by bulldozers with 79 kW [108 hp] with ground displacement up to 10 m, soil group 2 /prematurely loosened soil/	m3	90

2493	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 2	m3	90
2494	Fill manually grooves near supports, soil group 2	m3	90
2495	Arrangement of reinforced concrete bored fuels with a diameter of 1500 mm in unsustanged water-saturated soils of 4 groups by impact rope installation OF KATO-30 TNS, the length of the fuels is more than 12 to 25 m.	m3	232,2
2496	Arrangement of reinforced concrete bored fuels with a diameter of 1500 mm in unsustanged water-saturated soils of group 1 by shock rope installation of CATO-30 TNS, the length of the fuels is more than 12 to 25 m.	m3	541,8
2497	Installing embedded parts	t	6,8
2498	Transportation of scrap metal to the distance of 30 km	t	0,28
2499	Cutting down concrete from the reinforcing frame of reinforced concrete pals with a cross-sectional area of more than 0.1 m2	pile	20
2500	Transportation of scrap metal to the distance of 30 km	t	28,03
2501	Loading of bulk materials into vehicles by single-kivshev excavator, kovshch capacity 0,4 m3	m3	774
2502	Transportation of soil up to 1 km	t	1548
2503	Arrangement of cushions under the rover	m3	32,1
2504	Arrangement of concrete preparation	m3	11
2505	Arrangement of a monolithic rover V25 MPa-6	m3	220,32
2506	Installation of reinforcement	t	16,017
2507	Arrangement of cement screeds with a thickness of 50 mm M300	m3	20,6
2508	Construction of monolytic concrete risers V30 / without formwork /	m3	87,6
2509	Installation of reinforcement	t	9,1723
2510	Arrangement of monolithic reinforced concrete nozzles B30 MPa-6 / without formwork /	m3	56,08
2511	Drainage of cement mortar on the surface of M300 nozzles	m3	3,4
2512	Arrangement of monolithic reinforced concrete of openers B30 MPa-6 /without formwork/	m3	5,57
2513	Installation of monolithic reinforced concrete cabinet wall B30 MPa-6 /without formwork/	m3	23,06
2514	Arrangement of mono-concrete concrete of MPA-6	m3	1,13
2515	Lubrication waterproofing with bitumen mastic two-layer	m2	900
2516	Transportation of debris from disassembly of piles at the distance of 30 km	t	70,68
1		3	4
	Local estimate 02-08-02 on intermediate supports	-	-
2517	Development of soil with loading on cars- dump trucks excavators single-wheeled diesel on pneumatic wheel drive with a kovsh capacity of 0.25 m3, soil group 2	m3	500
2518	Transportation of soil up to 1 km	t	300
2519	Development of soil manually in the dump, soil group 2	m3	30

2520	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	М3	150
2521	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 25 cm	М3	150
2522	Watering with water of compacting soil in embankment	М3	75
2523	79 kW (108 hp) soil overhang with soil displacement up to 10 m, soil group 2 /earlier loosen soil/	М3	380
2524	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 2	М3	380
2525	Fill manually grooves near supports, soil group 2	М3	380
2526	Arrangement of reinforced concrete bored fuels with a diameter of 1500 mm in unsustanged water-saturated soils of 4 groups by impact rope installation OF KATO-30 TNS, the length of the fuels is more than 12 to 25 m.	М3	208,965
2527	Arrangement of reinforced concrete bored fuels with a diameter of 1500 mm in unsustanged water-saturated soils of group 1 by shock rope installation of CATO-30 TNS, the length of the fuels is more than 12 to 25 m.	М3	696,55
2528	Installing embedded parts	t	6,12
2529	Transportation of scrap metal to the distance of 30 km	t	0,28
2530	Cutting down concrete from the reinforcing frame of reinforced concrete pals with a cross-sectional area of more than 0.1 m2	pile	18
2531	Transportation of scrap metal to the distance of 30 km	t	25,23
2532	Loading of bulk materials into vehicles by single-kivshev excavator, kovshch capacity 0,4 m3	М3	696,55
2533	Transportation of soil up to 1 km	t	1393,1
2534	Arrangement of cushions under the rover	М3	21,3
2535	Arrangement of a monolithic rover V25 MPa-6	М3	114
2536	Installation of reinforcement	t	10,87939
2537	Arrangement of cement screeds with a thickness of 50 mm M300	М3	20,6
2538	Construction of monolytic concrete risers V30 / without formwork /	М3	102,87
2539	Installation of reinforcement	t	13,024
2540	Arrangement of mono-concrete crossbar P-1 V30 MPa-6 /without formwork/	М3	73,8
2541	Drainage of cement mortar on the surface of the crossbar M300	М3	6,9
2542	Arrangement of mono-concrete concrete of MPa-6	М3	15,3
2543	Lubrication waterproofing with bitumen mastic two-layer	М2	264
2544	Transportation of debris from disassembly of piles at the distance of 30 km	t	63,61
	Local estimate 02-08-03 for the run structure	-	-
2545	Installation of arrow cranes on the supports of road bridges reinforced concrete beam run structures up to 15 m long	pcs	22

1		3	4
2546	Installation of arrow cranes on the supports of road bridges reinforced concrete beam run structures up to 24 m long	pcs	22
2547	Treatment of the surface with sandblaster apparatus in high-quality structures up to 4 m high	m2	1167
2548	Schliffing of concrete coatings	m2	58,3
2549	Dusting of the polished surface	m2	1167
2550	Articulated message waterproofing	m2	58,3
2551	Arrangement of a monolithic plate of the run structure V35 MPa-8	m3	379
2552	Grinding of concrete surfaces	m2	1272,4
2553	Dusting of the polished surface	m2	1680
2554	Spraying waterproofing three-layer coating (Priming the concrete surface)	m2	1286
2555	Dusting the surface with compressed air	m2	1286
2556	Arrangement of sprayed waterproofing three-layer coating (Waterproofing arrangement)	m2	1286
2557	Dusting the surface with compressed air	m2	1286
2558	The arrangement of the sprayed waterproofing three-layer coating (Application of the connecting layer)	m2	1286
2559	Arrangement of ledge blocks MKD-MG 06A	m3	4,988
2560	Arrangement of monolithic reinforced concrete of service passages B35 MPa8	m3	26,7
2561	Installing embedded parts	t	2,472
2562	Laying pipelines from polyethylene pipes with a diameter of 75mm with hydraulic testing	m	160
2563	Arrangement of monolithic reinforced concrete sidewalk B35 MPa8	m3	74,17
2564	Installing embedded parts	t	8,1587
2565	Laying pipelines from polyethylene pipes with a diameter of 75mm with hydraulic testing	m	160
2566	Drilling with ann round diamond drills using coolant /water/ in reinforced concrete structures of vertical holes 200 mm deep, 20 mm in diameter	pcs	516
2567	Added or removed for every 10 mm of change drilling depth with diamond ring drills with the use of coolant /water/ in reinforced concrete structures for vertical holes 20 mm in diameter	pcs	-516
2568	Arrangement of side stone on bridge structures	m board	172
2569	Fastening the side stone with anchors with filling	t	0,40764
2570	Installation of metal barrier fence	t	16,99
2571	Installation of static welded railings on bridges and overpasses	t	14,91
2572	Installation of support parts of run-by-run buildings	pcs	22
2573	Installation of support parts of run-by-run buildings	pcs	66
	Local estimate 02-08-04 on the deformation seam	-	-
2574	Arrangement of a filled deformation seam contributing to the run structures of bridges on roads with framing	m of seam	44,2

2575	Arrangement of a monolithic deformation seam with a cabinet wall	m3	9,5
2576	Installation of reinforcement	t	1,5537
	Local estimate 02-08-05 on the carriageway	-	-
2577	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 9 m	m2	1273
1		3	4
2578	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with asphalt-masonry, for changes in thickness for every 0.5 cm add to the norms 27- 26-1 - 27-26-4	m2	-1273
2579	Casting of adjoining materials (0,4 l/m2-0,3l/m2)	t	0,2546
2580	Arrangement of the upper layer of the coating with a thickness of 5 cm from asphalt-concrete mixtures OF PMA-15 asphalt stacker for the width of laying 9 m	m2	1273
2581	Laying bitumen rubber tape	m of seam	172
	Local estimate 02-08-06 on bridge drainage	-	-
2582	Drilling with ann round diamond drills using coolant /water/ in reinforced concrete structures of vertical holes 200 mm deep, 80 mm in diameter	pcs	24
2583	It is added or removed for every 10 mm change in the depth of drilling by ann round diamond drills using coolant /water/ in reinforced concrete structures of vertical holes with a diameter of 80 mm	pcs	-24
2584	Drilling with diamond drills with the use of cooling mill /water/ in the halls of concrete structures of vertical holes with a depth of 200 mm, a diameter of 52 mm	pcs	24
2585	Laying pipelines from polyethylene pipes with a diameter of 50 mm	m	8,4
2586	Filling the grooves with sealed	m3	0,0048
2587	Arrangement of drainage units	m	188,4
	Local estimate 02-08-07 for drainage from the overpass	-	-
2588	Installation of drainage tubes	t	1,008
2589	Laying of pipelines from polyethylene pipes with a diameter of 160 mm with hydraulic testing	m	9,6
2590	Laying of pipelines from polyethylene pipes with a diameter of 315 mm	m	176
2591	Installation and disassembly of external inventory scaffolding suspended height up to 16 m	m2 vp	152
2592	Arrangement of drainage trays	m3	8,2
	Local estimate 02-08-08 for connecting the overpass with approaches	-	-
2593	Arrangement of celestial preparation	m3	57,45

2594	Laying of transition prefabricated plates and slabs of length over 7 m for road bridges and overpasses junctions overpasses with the embankment	m3	106,82
2595	Arrangement of monolithic concrete joints of lying blocks B30	m3	1
2596	Arrangement of celestial preparation for sidewalks and basements	m3	6,9
2597	Arrangement of foundation slabs of reinforced concrete flat	m3	2,04
2598	Installing embedded parts	t	0,254
2599	Arrangement of monolithic reinforced concrete sidewalk B30	m3	6,64
2600	Installing embedded parts	t	0,254
	Local estimate 02-08-09 for connections. Earthworks	-	-
2601	Arrangement of ledge on slopes of embankment, soil group 1	m3	240
2602	Compaction of soil by pneumatic tubes, soil group 1, 2	m3	10900
2603	Watering with water of compacting soil in embankment	m3	5450
1		3	4
	Local estimate 02-08-010 for strengthening cones	-	-
2604	Strengthening of earthen fabric slopes with monolytic concrete slabs up to 10 cm thick, V25 MPa-6	m2	1570
2605	During drawing the roadside of the earthen canvas with monolytic concrete slabs with a thickness of more than 10 cm, add to each 1 cm of slab thickness change	m2	1570
2606	Installation of reinforcement sets	T	4,082
2607	Arrangement of allotment for the construction of earthen fabric with monolattic concrete slabs, V20 MPa-6	M	148,5
2608	Arrangement of a stone fish farm	m3	33,41
	Local estimate 02-08-011 for the stairs	-	-
2609	Soil development by hand, soil group 1	m3	5,3
2610	Plan areas by hand, soil group 1	m2	35,1
2611	Arrangement of stone pillows for foundations	m3	4,8
2612	Arrangement of stairs made of monolithic concrete B25 MPa-6	m3	7
2613	Installation of reinforcement	t	0,486
2614	Installing embedded parts	t	0,065
2615	Arrangement of stairs concrete B25	m3	0,4
2616	Installation of static welded railings on bridges and overpasses	t	0,506
	Local estimate 02-08-012 for painting and anti-powder protection of structures	-	-
		-	-
	<u>Section 1. Anti-war coating of sidewalks and plinths</u>	-	-
2617	Treatment of the surface with sandblaster apparatus in high-quality structures up to 4 m high	m2	409,44
2618	Dusting surfaces	m2	409,44
2619	Schliffing of concrete coatings	m2	409,44

2620	Soiling of concrete and plastered surfaces	m2	409,44
2621	Sprinkling surfaces with sand	m2	409,44
2622	Soiling of concrete and plastered surfaces	m2	409,44
2623	Sprinkling surfaces with sand	m2	409,44
2624	Soiling of concrete and plastered surfaces	m2	409,44
	Section 2. Anti-current surface coverage of the pedestrian area of the stairs	-	-
2625	Treatment of the surface with sandblaster apparatus in high-quality structures up to 4 m high	m2	37
2626	Primer of concrete and plastered surfaces by ED-20 compound, the first layer	m2	37
2627	Sprinkling surfaces with pisky	m2	37
2628	Soiling of concrete and plastered surfaces	m2	37
	Section 3. Anti-current coating of the run structure	-	-
2629	Dusting surfaces	m2	3776,7
2630	Soiling of concrete and plastered surfaces	m2	3776,7
2631	Painting of reinforced concrete constructions of bridges /2 layers/	m2	3776,7
	Section 4. Anti-current protection of supports	-	-
2632	Crushing of the surface with sandblaster apparatus in high-quality structures up to 4 m high	m2	640
2633	Dusting surfaces	m2	640
2634	Puttying surfaces	m2	640
2635	Puttying surfaces	m2	640
2636	Painting of reinforced concrete spans bridges /2 times/	m2	640
1		3	4
	Section 5. Painting the railing fence of the stairs	-	-
2637	Treatment of the surface with sandblaster apparatus in high-quality structures up to 4 m high	m2	49
2638	Dusting surfaces	m2	49
2639	Grinding corners ,roundabers,seams of quarrel	m2	7,35
2640	Dusting surfaces	m2	49
2641	Soiling of concrete and plastered surfaces	m2	49
2642	Soiling of concrete and plastered surfaces	m2	49
2643	Painting metal primed railings	m2	49
	Local estimate 02-08-013 on complex auxiliary structures and designs	-	-
		-	-
	Section 1. Entrance to the mounting sites	-	-
2644	Development of soil by bulldozers with a capacity of 79 kW [108 hp] with the movement of the soil up to 10 m, soil group 1	m3	425

2645	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	м3	425
2646	Perching of soil with bulldozers with a capacity of 79 kW [108 hp] with the movement of the soil up to 10 m, soil group 1	м3	425
2647	Development of soil with loading on dump trucks by excavators with single-slip diesel on pneumatic wheel drive with a kovsh capacity of 0.25 м3, soil group 1	м3	990
2648	Transportation of soil up to 1 km	т	1782
2649	Area planning in a mechanized way, soil group 1	м2	1416,7
2650	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	м3	990
2651	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	м3	990
2652	Watering of the ingested soil in embankment	м3	495
2653	Arrangement of a layer of base from crushed metal	м3	230
2654	Disassembly of crushed mandest base	м3	230
2655	Loading of bulk materials into vehicles by single-kivshev excavator, kovshch capacity 0,25 м3	м3	230
2656	Transportation of construction debris by dump trucks at the distance of 30 km	т	391
2657	Development of soil with loading on dump trucks by excavators with single-slip diesel on pneumatic wheel drive with a kovsh capacity of 0.25 м3, soil group 1	м3	990
2658	Transportation of soil up to 1 km	т	1782
2659	The soil was saturated with bulldozers with a capacity of 79 kW [108 hp] with the movement of the soil up to 10 m, a group of soils 2 / earlier loosen soil /	м3	425
2660	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 2	м3	425
2661	Area planning in a mechanized way, soil group 1	м2	1416,7
Section 2. Mounting sites			
2662	Development of soil by bulldozers with a capacity of 79 kW [108 hp] with the movement of the soil up to 10 m, soil group 1	м3	870
2663	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	м3	870
1		3	4
2664	Perching of soil with bulldozers with a capacity of 79 kW [108 hp] with the movement of the soil up to 10 m, soil group 1	м3	870
2665	Development of soil with loading on dump trucks by excavators with single-slip diesel on pneumatic wheel drive with a scoop capacity of 0.25 м3, soil group 1	м3	1300
2666	Transportation of soil up to 1 km	т	2340

2667	Area planning in a mechanized way, soil group 1	м2	2600
2668	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	м3	1300
2669	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	м3	1300
2670	Watering of the ingested soil in embankment	м3	650
2671	Arrangement of a layer of base from crushed metal	м3	520
2672	Arrangement of road surfaces of temporary roads from precast reinforced concrete slabs with an area of up to 3 м2	м3	340,2
2673	Transportation of additional plates /to the site / to the distance of 30 km	t	637,88
2674	Transportation of additional plates /to the base / to the distance of 30 km	t	637,88
2675	Disassembly of road surfaces of temporary roads from precast reinforced concrete slabs with an area of up to 3 м2	м3	340,2
2676	Transportation of construction debris by dump trucks at the distance of 30 km	t	213,75
2677	Disassembly of crushed mandest base	м3	520
2678	Loading of bulk materials into vehicles by single-kivshev excavator, kovshch capacity 0,25 м3	м3	520
2679	Transportation of construction debris by dump trucks at the distance of 30 km	t	884
2680	Development of soil with loading on dump trucks by excavators with single-slip diesel on pneumatic wheel drive with a scoop capacity of 0.25 м3, soil group 1	м3	1300
2681	Transportation of soil up to 1 km	t	2340
2682	The soil was saturated with bulldozers with a capacity of 79 kW [108 hp] with the movement of the soil up to 10 m, a group of soils 2 / earlier loosen soil /	м3	780
2683	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 2	м3	780
2684	Area planning in a mechanized way, soil group 1	м2	2600
	Section 3. Formwork-scaffolding of overpass supports	-	-
2685	Installation of foundation blocks FBS 24.3.6 / 5x rotation/	pcs	152
2686	(Dismantling)Installation of foundation blocks FBS 24.3.6 /5-multiple rotation/	pcs	152
2687	Transportation of construction debris by dump trucks at the distance of 30 km	t	13,8
2688	Transportation of formwork of scaffolding supports of the overpass to the distance of 80 km	t	49,08
2689	Transportation of scrap metal to the distance of 30 km	t	49,08
2690	Arrangement on farms of working flooring	м2	408
2691	(Dismantling)Arrangement of working flooring on farms	м2	408
2692	Transportation of firewood to the distance of 30 km	t	2,282
	Local estimate 02-09-01 on extreme supports	-	-

-	-	-	-
1		3	4
2693	Development of soil with loading on cars- dump trucks excavators single-wheeled diesel on pneumatic wheel drive with a kovsh capacity of 0.25 m3, soil group 2	m3	520
2694	Transportation of soil up to 1 km	t	880
2695	Development of soil manually in the dump, soil group 2	m3	80
2696	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	m3	440
2697	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 25 cm	m3	440
2698	Watering with water of compacting soil in embankment	m3	220
2699	Earth moving by bulldozers with 79 kW [108 hp hp] with ground displacement up to 10 m, soil group 2 /prematurely loosened soil/	m3	160
2700	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 2	m3	160
2701	Fill manually grooves near supports, soil group 2	m3	160
2702	Deepening with a diesel hammer on an excavator of reinforced concrete fuels up to 8 m long in the soils of group 1	m3	176
2703	Cutting down concrete from the reinforcing frame of reinforced concrete pals with a cross-sectional area of up to 0.1 m2	pile	176
2704	Arrangement of cushions under the rover	m3	49,6
2705	Arrangement of concrete preparation	m3	16,6
2706	Arrangement of a monolithic rover V25 MPa-6	m3	236,16
2707	Installation of reinforcement	t	16,37538
2708	Arrangement of cement screeds with a thickness of 50 mm M300	m3	24,6
2709	Construction of monolytic concrete risers V30 / without formwork /	m3	193,28
2710	Installation of reinforcement	t	20,88456
2711	Arrangement of monolithic reinforced concrete nozzles B30 MPa-6 / without formwork /	m3	144
2712	Drainage of cement mortar on the surface of M300 nozzles	m3	5,4
2713	Arrangement of monolithic reinforced concrete of openers B30 MPa-6 /without formwork/	m3	5,6
2714	Arrangement of monolithic reinforced concrete cabinet wall B30 MPa-6 /without formwork/	m3	81,76
2715	Arrangement of mono-concrete of the sub-fields of P30 MPa-6	m3	2,96
2716	Lubrication waterproofing with bitumen mastic two-layer	m2	1824
2717	Transportation of debris from disassembly of piles at the distance of 30 km	t	32,34
-	Local estimate 02-09-02 on intermediate supports	-	-
-	-	-	-

2718	Development of soil with loading on cars- dump trucks excavators single-wheeled diesel on pneumatic wheel drive with a kovsh capacity of 0.25 m3, soil group 2	m3	450
2719	Transportation of soil up to 1 km	t	490
2720	Development of soil manually in the dump, soil group 2	m3	35
2721	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	m3	240
2722	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 25 cm	m3	240
2723	Watering with water of compacting soil in embankment	m3	122,5
1		3	4
2724	79 kW (108 hp) soil overhang with soil displacement up to 10 m, soil group 2 /earlier loosen soil/	m3	240
2725	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 2	m3	240
2726	Fill manually grooves near supports, soil group 2	m3	240
2727	Deepening with a diesel hammer on an excavator of reinforced concrete fuels up to 8 m long in the soils of group 1	m3	96
2728	Cutting down concrete from the reinforcing frame of reinforced concrete pals with a cross-sectional area of up to 0.1 m2	pile	96
2729	Arrangement of cushions under the rover	m3	30,8
2730	Arrangement of concrete preparation	m3	10
2731	Arrangement of a monolithic rover V25 MPa-6	m3	162,2
2732	Installation of reinforcement	t	21,9066
2733	Installing embedded parts	t	0,496
2734	Drainage of cement mortar on the surface of the M300 rover	m3	6,76
2735	Construction of monolytic concrete risers V30 / without formwork /	m3	124,8
2736	Installation of reinforcement	t	10,37504
2737	Installing embedded parts	t	1,68
2738	Arrangement of mono-concrete crossbar P-1 B30 MPa-6	m3	106,36
2739	Drainage of cement mortar on the surface of the crossbar M300	m3	2,2
2740	Arrangement of monolithic reinforced concrete sub-fermentation platforms B30 MPa-6	m3	11,36
2741	Lubrication waterproofing with bitumen mastic two-layer	m2	500
2742	Transportation of debris from disassembly of piles at the distance of 30 km	t	17,64
	Local estimate 02-09-03 for the run structure	-	-
2743	Installation of arrow cranes on the supports of road bridges reinforced concrete beam run structures up to 24 m long	pcs	40

2744	Installation by arrow cranes on the supports of road bridges reinforced concrete beam running structures up to 24 m / work is carried out on the railway line at a temporarily closed race in the "window" of the established duration /	pcs	20
2745	Treatment of the surface with sandblaster apparatus in high-quality structures up to 4 m high	m2	685,44
2746	Schliffing of concrete coatings	m2	49,504
2747	Dusting of the polished surface	m2	685,44
2748	Treatment of surfaces with a tool in large structures up to 4 m high[/ work is carried out on the railway tracks at a temporarily closed race in the "period" of the established duration /]	m2	293,76
2749	Slating of concrete coatings [/works are carried out on the railway tracks with a temporarily closed race in the "video" of the established duration/]	m2	21,216
2750	Dusting of the polished surface [/works are carried out on the railway tracks during a temporarily closed race in the "window" of the established duration/]	m2	293,76
2751	Hinge waterproofing	m2	70,7
2752	Arrangement of a monolithic plate of the run structure V35 MPa-8	m3	423,234
1		3	4
2753	The arrangement of the monolithic slab of the run structure of the V35 MPa-8 /works are carried out on the railway tracks at a temporarily closed race in the "window" of the established duration/	m3	181,386
2754	Arrangement of ledge blocks MKD-MG 06A	m3	4,524
2755	Grinding of concrete surfaces	m2	2170
2756	Dusting of the polished surface	m2	2566
2757	Spraying waterproofing three-layer coating (Priming the concrete surface)	m2	1096
2758	Dusting the surface with compressed air	m2	1096
2759	Arrangement of sprayed waterproofing three-layer coating (Waterproofing arrangement)	m2	1096
2760	Dusting the surface with compressed air	m2	1096
2761	The arrangement of the sprayed waterproofing three-layer coating (Application of the connecting layer)	m2	1096
2762	Arrangement of monolithic reinforced concrete sidewalk B35 MPa8	m3	91,72
2763	Installing embedded parts	t	10,8
2764	Laying pipelines from polyethylene pipes with a diameter of 75mm with hydraulic testing	m	158
2765	Drilling with ann round diamond drills using coolant /water/ in reinforced concrete structures of vertical holes 200 mm deep, 20 mm in diameter	pcs	954
2766	It is added or removed for every 10 mm change in the depth of drilling by ann round diamond drills using a coolant / water / in reinforced concrete structures of vertical holes with a diameter of 20 mm	pcs	-954
2767	Arrangement of side stone on bridge structures	m of board	318
2768	Fastening the side stone with anchors with filling	t	0,75366
2769	Installation of metal barrier fence	t	31,17

2770	Installation of static welded railings on bridges and overpasses	t	27,33
2771	Installation of support parts of run-by-run buildings	pcs	40
2772	Installation of support parts of run-by-run buildings	pcs	80
2773	Installation of steel fencing panels above the contact line	t	3,02
	Local estimate 02-09-04 on the deformation seam	-	-
2774	Arrangement of a filled deformation seam contributing to the run structures of bridges on roads with framing	m of seam	72,12
2775	Arrangement of a monolithic deformation seam with a cabinet wall	m3	15,8
2776	Installation of reinforcement	t	1,5095
	Local estimate 02-09-05 on the carriageway	-	-
2777	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 9 m	m2	2190,69
2778	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with asphalt-masonry, for changes in thickness for every 0.5 cm add to the norms 27- 26-1 - 27-26-4	m2	-2190,69
2779	Casting of adjoining materials (0,4 l/m2-0,3l/m2)	t	0,438138
2780	Arrangement of the upper layer of the coating with a thickness of 5 cm from asphalt-concrete mixtures OF PMA-15 asphalt stacker for the width of laying 9 m	m2	2190,69
2781	Laying bitumen rubber tape	m of seam	318
1		3	4
	Local estimate 02-09-06 on drainage of the bridge canvas	-	-
2782	Drilling with ann round diamond drills using coolant /water/ in reinforced concrete structures of vertical holes 200 mm deep, 80 mm in diameter	pcs	24
2783	It is added or removed for every 10 mm change in the depth of drilling by ann round diamond drills using coolant /water/ in reinforced concrete structures of vertical holes with a diameter of 80 mm	pcs	-24
2784	Drilling with diamond drills with the use of cooling mill /water/ in the halls of concrete structures of vertical holes with a depth of 200 mm, a diameter of 52 mm	pcs	24
2785	Laying pipelines from polyethylene pipes with a diameter of 50 mm	m	8,4
2786	Filling the grooves with sealed	m3	0,0048
2787	Arrangement of drainage units	m	172,8
	Local estimate 02-09-07 for drainage from the overpass	-	-
2788	Installation of drainage tubes	t	0,756
2789	Laying of pipelines from polyethylene pipes with a diameter of 160 mm with hydraulic testing	m	7,2

2790	Laying of pipelines from polyethylene pipes with a diameter of 315 mm	М	168
2791	Installation and disassembly of external inventory scaffolding suspended height up to 16 m	М2 vp	140
2792	Arrangement of drainage trays	М3	8,2
	Local estimate 02-09-08 for connecting the overpass with approaches	-	-
2793	Arrangement of celestial preparation	М3	87,2
2794	Laying outer-of-road slabs and beds longer than 7 m to conjugate road bridges and overpasses with embankment	М3	200,24
2795	Arrangement of monolithic concrete joints of lying blocks B30	М3	2
2796	Arrangement of celestial preparation for sidewalks and basements	М3	5,9
2797	Arrangement of foundation slabs of reinforced concrete flat	М3	7,84
2798	Installing embedded parts	t	0,9744
	Local estimate 02-09-09 for connections. Earthworks	-	-
2799		М3	320
2800	Compaction of soil by pneumatic tubes, soil group 1, 2	М3	21200
2801	Watering with water of compacting soil in embankment	М3	10600
	Local estimate 02-09-010 for cone fortifications	-	-
2802	Strengthening of earthen fabric slopes with monolytic concrete slabs up to 10 cm thick, V25 MPa-6	М2	2700
2803	During drawing the roadside of the earthen canvas with monolytic concrete slabs with a thickness of more than 10 cm, add to each 1 cm of slab thickness change	М2	2700
2804	Installation of reinforcement sets	t	7,02
2805	Arrangement of allotment for the construction of earthen fabric with monolattic concrete slabs, V20 MPa-6	М	202,8
2806	Arrangement of a stone fish farm	М3	46,7
1		3	4
	Local estimate 02-09-011 for the stairs	-	-
2807	Soil development by hand, soil group 1	М3	7,5
2808	Plan areas by hand, soil group 1	М2	49,6
2809	Arrangement of stone pillows for foundations	М3	6,8
2810	Arrangement of stairs made of monolithic concrete B25 MPa-6	М3	9,9
2811	Installation of reinforcement	t	0,7073
2812	Installing embedded parts	t	0,0924
2813	Arrangement of stairs concrete B25	М3	0,4
2814	Installation of static welded railings on bridges and overpasses	t	0,716
	Local estimate 02-09-012 for painting and anti-powder protection of structures	-	-

-	-	-	-
-	<u>Section 1. Anti-war coating of sidewalks and plinths</u>	-	-
2815	Treatment of the surface with sandblaster apparatus in high-quality structures up to 4 m high	m2	383,8
2816	Dusting surfaces	m2	383,8
2817	Schliffing of concrete coatings	m2	383,8
2818	Soiling of concrete and plastered surfaces	m2	383,8
2819	Sprinkling surfaces with sand	m2	383,8
2820	Soiling of concrete and plastered surfaces	m2	383,8
2821	Sprinkling surfaces with sand	m2	383,8
2822	Soiling of concrete and plastered surfaces	m2	383,8
	Section 2. Anti-current surface coverage of the pedestrian area of the stairs	-	-
2823	Treatment of the surface with sandblaster apparatus in high-quality structures up to 4 m high	m2	43,6
2824	Soiling of concrete and plastered surfaces	m2	43,6
2825	Sprinkling surfaces with sand	m2	43,6
2826	Soiling of concrete and plastered surfaces	m2	43,6
	Section 3. Anti-current coating of the run structure	-	-
2827	Dusting surfaces	m2	6098,5
2828	Soiling of concrete and plastered surfaces	m2	6098,5
2829	Painting of zalyzobetonnyh run constructions of bridges /2 layers/	m2	6098,5
	Section 4. Anti-current protection of supports	-	-
2830	Treatment of the surface with sandblaster apparatus in high-quality structures up to 4 m high	m2	1100,4
2831	Dusting surfaces	m2	1100,4
2832	Puttying surfaces	m2	1100,4
2833	Soiling of concrete and plastered surfaces	m2	1100,4
2834	Painting of zalyzoecon concrete run constructions of bridges /2 times/	m2	1100,4
	Section 5. Painting of metal handrails	-	-
2835	Treatment of the surface with sandblaster apparatus in high-quality structures up to 4 m high	m2	60
2836	Dusting surfaces	m2	60
2837	Grinding corners ,roundabers,seams of quarrel	m2	9
2838	Dusting surfaces	m2	60
2839	Soiling of concrete and plastered surfaces	m2	60
2840	Soiling of concrete and plastered surfaces	m2	60
2841	Painting metal primed railings	m2	60
	Local estimate 02-09-013 on complex auxiliary structures and POB	-	-
1		3	4

	Section 1. Entrance to the mounting sites	-	-
2842	Development of soil by bulldozers with a capacity of 79 kW [108 hp] with the movement of the soil up to 10 m, soil group 1	m3	59
2843	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	59
2844	Perching of soil with bulldozers with a capacity of 79 kW [108 hp] with the movement of the soil up to 10 m, soil group 1	m3	59
2845	Development of soil with loading on dump trucks by excavators with single-slip diesel on pneumatic wheel drive with a kovsh capacity of 0.25 m3, soil group 1	m3	140
2846	Transportation of soil up to 1 km	t	252
2847	Area planning in a mechanized way, soil group 1	m2	196,7
2848	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	m3	140
2849	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	m3	140
2850	Watering of the ingested soil in embankment	m3	70
2851	Arrangement of a layer of base from crushed metal	m3	32
2852	Disassembly of crushed mandest base	m3	32
2853	Loading of bulk materials into vehicles by single-kivshev excavator, kovshch capacity 0,25 m3	m3	32
2854	Transportation of construction debris by dump trucks at the distance of 30 km	t	54,4
2855	Development of soil with loading on dump trucks by excavators with single-slip diesel on pneumatic wheel drive with a kovsh capacity of 0.25 m3, soil group 1	m3	140
2856	Transportation of soil up to 1 km	t	252
2857	The soil was saturated with bulldozers with a capacity of 79 kW [108 hp] with the movement of the soil up to 10 m, a group of soils 2 / earlier loosen soil /	m3	59
2858	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 2	m3	59
2859	Area planning in a mechanized way, soil group 1	m2	196,7
	Section 2. Mounting sites	-	-
2860	Development of soil by bulldozers with a capacity of 79 kW [108 hp] with the movement of the soil up to 10 m, soil group 1	m3	1020
2861	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 1	m3	1020
2862	Perching of soil with bulldozers with a capacity of 79 kW [108 hp] with the movement of the soil up to 10 m, soil group 1	m3	1020

2863	Development of soil with loading on dump trucks by excavators with single-slip diesel on pneumatic wheel drive with a kovsh capacity of 0.25 m3, soil group 1	m3	1700
2864	Transportation of soil up to 1 km	t	3060
2865	Area planning in a mechanized way, soil group 1	m2	3400
2866	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	m3	1700
1		3	4
2867	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	m3	1700
2868	Watering of the ingested soil in embankment	m3	850
2869	Arrangement of a layer of base from crushed metal	m3	680
2870	Arrangement of road surfaces of temporary roads from precast reinforced concrete slabs with an area of up to 3 m2	m3	419,04
2871	Transportation of additional plates /to the site / to the distance of 30 km	t	785,7
2872	Transportation of additional plates /to the base / to the distance of 30 km	t	785,7
2873	Disassembly of road surfaces of temporary roads from precast reinforced concrete slabs with an area of up to 3 m2	m3	419,04
2874	Transportation of construction debris by dump trucks at the distance of 30 km	t	261,9
2875	Disassembly of crushed mandest base	m3	680
2876	Loading of bulk materials into vehicles by single-kivshev excavator, kovshch capacity 0,25 m3	m3	680
2877	Transportation of construction debris by dump trucks at the distance of 30 km	t	1156
2878	Development of soil with loading on dump trucks by excavators with single-slip diesel on pneumatic wheel drive with a kovsh capacity of 0.25 m3, soil group 1	m3	1700
2879	Transportation of soil up to 1 km	t	3060
2880	The soil was saturated with bulldozers with a capacity of 79 kW [108 hp] with the movement of the soil up to 10 m, a group of soils 2 / earlier loosen soil /	m3	1020
2881	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 2	m3	1020
2882	Area planning in a mechanized way, soil group 1	m2	3400
	Section 3. Formwork-scaffolding of overpass supports	-	-
2883	Installation of foundation blocks FBS 24.3.6 /10x rotation/	pcs	320
2884	(Dismantling)Installation of foundation blocks FBS 24.3.6 /10x rotation/	pcs	320
2885	Transportation of construction debris by dump trucks at the distance of 30 km	t	14,72
2886	Transportation of formwork of scaffolding supports of the overpass to the distance of 80 km	t	34,98

2887	Transportation of scrap metal to the distance of 30 km	t	34,98
2888	Arrangement on farms of working flooring	m2	783
2889	(Dismantling)Arrangement of working flooring on farms	m2	783
2890	Transportation of firewood to the distance of 30 km	t	2,191
	Section 4. Guide frame for driving fuels	-	-
2891	Production of an inventory metal guide frame	t	1,4
2892	Installation and disassembly of the guide frame made of inventory metal	t	68
2893	Transportation of scrap metal to the distance of 30 km	t	1,4
	Local estimate 02-010-01 for extreme supports	-	-
2894	Development of soil with loading on cars- dump trucks excavators single-wheeled diesel on pneumatic wheel drive with a kovsh capacity of 0.25 m3, soil group 2	m3	140
2895	Transportation of soil up to 1 km	T	300
2896	Development of soil manually in the dump, soil group 2	m3	10
1		3	4
2897	Compaction of the soil by trailed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	m3	150
2898	Compaction of the soil by trailed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 25 cm	m3	150
2899	Watering with water of compacting soil in embankment	m3	75
2900	Deepening with a diesel hammer on an excavator of reinforced concrete pils up to 12 m long in the soils of group 1	m3	62,3
2901	Cutting down concrete from the reinforcing frame of reinforced concrete pils with a cross-sectional area of up to 0.1 m2	pile	36
2902	Arrangement of cushions under the rooftops	m3	8
2903	Arrangement of concrete preparation	m3	2,5
2904	Arrangement of a monolithic rover V25 MPa-6	m3	47,62
2905	Installation of reinforcement	t	5,26552
2906	Arrangement of cement screeds with a thickness of 50 mm M300	m3	1,98
2907	Construction of monolytic concrete risers V30 / without formwork /	m3	16,32
2908	Installation of reinforcement	t	1,99444
2909	Arrangement of monolithic reinforced concrete nozzles B30 MPa-6 / without formwork /	m3	17,48
2910	Drainage of cement mortar on the surface of M300 nozzles	m3	0,74
2911	Arrangement of monolithic reinforced concrete of openers B30 MPa-6 /without formwork/	m3	5,64
2912	Arrangement of monolithic reinforced concrete cabinet wall B30 MPa-6 /without formwork/	m3	8,12
2913	Arrangement of mono-concrete concrete of PPA-6	m3	0,76
2914	Lubrication waterproofing with bitumen mastic two-layer	m2	260

2915	Transportation of debris from disassembly of piles at the distance of 30 km	t	6,62
	Local estimate 02-010-02 for intermediate supports	-	-
2916	Development of soil with loading on cars- dump trucks excavators single-wheeled diesel on pneumatic wheel drive with a kovsh capacity of 0.25 m3, soil group 2	m3	170
2917	Transportation of soil up to 1 km	t	136,2
2918	Development of soil manually in the dump, soil group 2	m3	18
2919	Compaction of the soil by traileed rolls on a pneumatic wheel with a mass of 25 tons for the first passage on one trace with a layer thickness of 25 cm	m3	68,1
2920	Compaction of the soil by traileed rolls on a pneumatic wheel stroke weighing 25 tons for each subsequent passage on one trace with a layer thickness of 25 cm	m3	68,1
2921	Watering with water of compacting soil in embankment	m3	34,05
2922	79 kW (108 hp) soil overhang with soil displacement up to 10 m, soil group 2 /earlier loosen soil/	m3	119,9
2923	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 2	m3	119,9
2924	Fill manually grooves near supports, soil group 2	m3	119,9
2925	Deepening with a diesel hammer on an excavator of reinforced concrete fuels up to 13 m long in the soils of group 1	m3	72,5
2926	Cutting down concrete from the reinforcing frame of reinforced concrete pals with a cross-sectional area of up to 0.1 m2	pile	45
2927	Arrangement of cushions under the rover	m3	6,8
2928	Arrangement of concrete preparation	m3	2,2
2929	Arrangement of crossbarS V25 /without formwork/	m3	59,1
1		3	4
2930	Installation of reinforcement	t	5,3073
2931	Construction of monolytic concrete risers V30 / without formwork /	m3	2,4
2932	Construction of monolytic concrete risers V30 / without formwork /	m3	33,3
2933	Installation of reinforcement	t	3,177
2934	Installing embedded parts	t	0,4044
2935	Arrangement of mono-concrete crossbar P-1 B30 MPa-6	m3	27
2936	Drainage of cement mortar on the surface of the crossbar M300	m3	1,08
2937	Arrangement of monolithic reinforced concrete sub-fermentation platforms B30 MPa-6	m3	2,28
2938	Lubrication waterproofing with bitumen mastic two-layer	m2	120
2939	Transportation of debris from disassembly of piles at the distance of 30 km	t	8,27
	Local estimate 02-010-03 for the run structure	-	-
-	-	-	-

2940	Installation of arrow cranes on the supports of road bridges reinforced concrete beam run structures up to 21 m long	pcs	10
2941	Installation of arrow cranes on the supports of road bridges reinforced concrete beam run structures up to 24 m long	pcs	10
2942	Treatment of the surface with sandblaster apparatus in high-quality structures up to 4 m high	m2	23,4
2943	Schliffing of concrete coatings	m2	23,4
2944	Dusting of the polished surface	m2	23,4
2945	Hinge waterproofing	m2	23,4
2946	Arrangement of a monolithic slab of the span structure of the V35 MPa-8	m3	131,98
2947	Grinding of concrete surfaces	m2	431,4
2948	Dusting of the polished surface	m2	644
2949	Spraying waterproofing three-layer coating (Priming the concrete surface)	m2	441,2
2950	Dusting the surface with compressed air	m2	441,2
2951	Arrangement of sprayed waterproofing three-layer coating (Waterproofing arrangement)	m2	441,2
2952	Dusting the surface with compressed air	m2	441,2
2953	The arrangement of the sprayed waterproofing three-layer coating (Application of the connecting layer)	m2	441,2
2954	Arrangement of ledge blocks MKD-MG 06A	m3	4,901
2955	Arrangement of monolithic reinforced concrete sidewalk B35 MPa8	m3	49,89
2956	Installing embedded parts	t	4,99
2957	Laying pipelines from polyethylene pipes with a diameter of 75mm with hydraulic testing	m	157,7
2958	Drilling with ann round diamond drills using coolant /water/ in reinforced concrete structures of vertical holes 200 mm deep, 20 mm in diameter	pcs	507
2959	It is added or removed for every 10 mm change in the depth of drilling by ann round diamond drills using a coolant / water / in reinforced concrete structures of vertical holes with a diameter of 20 mm	pcs	-507
2960	Arrangement of side stone on bridge structures	m of board	169
2961	Fastening the side stone with anchors with filling	t	0,40053
2962	Installation of metal barrier fence	t	13,48
2963	Installation of static welded railings on bridges and overpasses	t	8,425
1		3	4
2964	Installation of support parts of run-by-run buildings	pcs	30
2965	Installation of support parts of run-by-run buildings	pcs	10
	Local estimate 02-010-04 on the deformation seam	-	-
2966	Arrangement of a filled deformation seam contributing to the run structures of bridges on roads with framing	m of seam	16,8
2967	Arrangement of a monolithic deformation seam with a cabinet wall	m3	3,8
2968	Installation of reinforcement	t	0,3555

	Local estimate 02-010-05 on the carriageway	-	-
2969	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 9 m	m2	433,7
2970	Arrangement of the lower layer of coating with a thickness of 10 cm from asphalt-concrete mixtures with asphalt-masonry, for changes in thickness for every 0.5 cm add to the norms 27- 26-1 - 27-26-4	m2	-433,7
2971	Arrangement of the upper layer of the coating with a thickness of 5 cm from asphalt-concrete mixtures with an asphalt stacker for the width of laying 9 m	m2	433,7
2972	Arrangement of the upper layer of the coating with a thickness of 5 cm from asphalt-concrete mixtures with an asphalt masonry, for changes in thickness for every 0.5 cm add or remove to/from norms 27-27-1 – 27-27-4	m2	-433,7
2973	Casting of adjoining materials (0,4 l/m2-0,3l/m2)	t	0,08674
2974	Laying bitumen rubber tape	m of seam	169
	Local estimate 02-010-06 on drainage of the bridge canvas	-	-
2975	Drilling with ann round diamond drills using coolant /water/ in reinforced concrete structures of vertical holes 200 mm deep, 80 mm in diameter	pcs	24
2976	It is added or removed for every 10 mm change in the depth of drilling by ann round diamond drills using coolant /water/ in reinforced concrete structures of vertical holes with a diameter of 80 mm	pcs	-24
2977	Drilling with diamond drills with the use of cooling mill /water/ in the halls of concrete structures of vertical holes with a depth of 200 mm, a diameter of 52 mm	pcs	24
2978	Laying pipelines from polyethylene pipes with a diameter of 50 mm	m	8,4
2979	Filling the grooves with sealed	m3	0,0048
2980	Arrangement of drainage units	m	164,4
	Local estimate 02-010-07 for drainage from the overpass	-	-
2981	Installation of drainage tubes	t	1,008
2982	Laying of pipelines from polyethylene pipes with a diameter of 160 mm with hydraulic testing	m	9,6
2983	Laying of pipelines from polyethylene pipes with a diameter of 315 mm	m	156
2984	Installation and disassembly of external inventory scaffolding suspended height up to 16 m	m2 vp	152
	Local estimate 02-010-08 for connecting the overpass with approaches	-	-
2985	Arrangement of celestial preparation	m3	23,5
1		3	4

2986	Laying outer-of-road slabs and beds longer than 7 m to conjugate road bridges and overpasses with embankment	м3		37,34
2987	Arrangement of monolithic concrete joints of lying blocks B30	м3		0,5
2988	Arrangement of celestial preparation for sidewalks and basements	м3		3,2
2989	Arrangement of foundation slabs of reinforced concrete flat	м3		3,84
2990	Installing embedded parts	t		0,4872
	Local estimate 02-010-09 for communication. Earthworks	-	-	-
2991	Arrangement of ledge on slopes of embankment, soil group 1	м3	-	120
2992	Compaction of soil by pneumatic tubes, soil group 1, 2	м3		3650
2993	Watering with water of compacting soil in embankment	м3		1825
	Local estimate 02-010-010 for strengthening cones	-	-	-
2994	Strengthening of earthen fabric slopes with monolytic concrete slabs up to 10 cm thick, V25 MPa-6	м2	-	770
2995	When drawing the roadside of the earthen canvas with monolytic concrete slabs with a thickness of more than 10 cm, add to each 1 cm of slab thickness change	м2		770
2996	Installation of reinforcement sets	t		2,002
2997	Arrangement of allotment for the construction of earthen fabric with monolattic concrete slabs, V20 MPa-6	м		96,5
2998	Arrangement of a stone fish farm	м3		21,7
	Local estimate 02-010-011 for the arrangement of stairs	-	-	-
2999	Soil development by hand, soil group 1	м3	-	6,04
3000	Manual area planning, soil group 1	м2		40,1
3001	Arrangement of crushed stone pillows under the foundations	м3		2,1
3002	Arrangement of stairs from monolithic concrete B25 MPa-6	м3		5,78
3003	Installation of fittings	т		0,42874
3004	Installation of embedded parts	т		0,0498
3005	Arrangement of a stop of a ladder concrete B25	м3		0,4
3006	Installation of steel welded handrails on bridges and overpasses	т		0,37
	Local estimate 02-010-012 for painting and corrosion protection of structures	-	-	-
-	-	-	-	-
-	<u>Section 1. Anticorrosive coating of sidewalks and plinths</u>	-	-	-
3007	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	м2	-	198,8
3008	Dedusting of surfaces	м2		198,8
3009	Grinding of concrete coverings	м2		198,8
3010	Ґрунтування бетонних і обштукатурених поверхонь	м2		198,8
3011	Sprinkling the surface with sand	м2		198,8
3012	Priming of concrete and plastered surfaces	м2		198,8

3013	Sprinkling the surface with sand	m2	198,8
3014	Priming of concrete and plastered surfaces	m2	198,8
	Section 2. Anticorrosive coating of the pedestrian surface stairwells	-	-
3015	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	m2	20,9
3016	Priming of concrete and plastered surfaces	m2	20,9
3017	Sprinkling the surface with sand	m2	20,9
3018	Priming of concrete and plastered surfaces	m2	20,9
1		3	4
	Section 3. Anticorrosive coating of girder structure	-	-
3019	Dedusting of surfaces	m2	1629
3020	Priming of concrete and plastered surfaces compound ED-20, the first layer	m2	1629
3021	Painting of reinforced concrete girder structures bridges / 2 layers /	m2	1629
	Section 4. Corrosion protection of supports	-	-
3022	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	m2	243
3023	Dedusting of surfaces	m2	243
3024	Spackling of surfaces	m2	243
3025	Priming of concrete and plastered surfaces	m2	243
3026	Painting of reinforced concrete girder structures bridges / 2 times /	m2	243
	Section 5. Painting of a railing fence of a ladder	-	-
3027	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	m2	38,1
3028	Dedusting of surfaces	m2	38,1
3029	Grinding corners, roundings, weld seams	m2	5,715
3030	Dedusting of surfaces	m2	38,1
3031	Priming of concrete and plastered surfaces	m2	38,1
3032	Priming of concrete and plastered surfaces	m2	38,1
3033	Painting of metal primed railings	m2	38,1
	Local estimate 02-010-013 for complex ancillary construction and POB	-	-
	<u>Section 1. Entrance to assembly sites</u>	-	-
3034	Development of soil by bulldozers with a capacity of 79 kW	m3	450
3035	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	m3	450
3036	Plowing the soil with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	m3	450
3037	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel with a bucket with a capacity of 0.25	m3	1040
3038	Transportation of soil up to 1 km	T	1872

3039	Mechanized area planning, group soils 1	М2	1140
3040	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	М3	1040
3041	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	М3	1040
3042	Irrigation of compaction soil in embankments with water	М3	520
3043	Arrangement of a layer of a basis from rubble	М3	240
3044	Disassembly of the crushed stone base	М3	240
3045	Loading of bulk materials into vehicles single-bucket excavator, bucket capacity 0.25 m3	М3	240
3046	Transportation of construction waste by dump trucks on distance 30 km	Т	408
3047	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 1	М3	1040
1		3	4
3048	Transportation of soil up to 1 km	Т	1872
3049	79 kW bulldozers [108 hp] with soil movement up to 10 m, soil group 2 / earlier loose soil /	М3	450
3050	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 2	М3	450
3051	Mechanized area planning, group soils 1	М2	1140
	Section 2. Mounting sites	-	-
3052	Development of soil by bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	М3	400
3053	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	М3	400
3054	Plowing the soil with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	М3	400
3055	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 1	М3	660
3056	Transportation of soil up to 1 km	Т	1188
3057	Mechanized area planning, group soils 1	М2	1320
3058	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	М3	660
3059	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	М3	660
3060	Irrigation of compaction soil in embankments with water	М3	330
3061	Arrangement of a layer of a basis from rubble	М3	264

3062	Arrangement of pavements of temporary roads from prefabricated reinforced concrete slabs up to 3 m2	м3	157,68
3063	Transportation of additional slabs / on site / on distance 30 km	т	294,3
3064	Transportation of additional plates / to the base / at a distance of 30	т	294,3
3065	Disassembly of pavements of temporary roads from prefabricated reinforced concrete slabs up to 3 m2	м3	157,68
3066	Transportation of construction waste by dump trucks on distance 30 km	т	261,9
3067	Disassembly of the crushed stone base	м3	264
3068	Transportation of construction waste by dump trucks on distance 30 km	т	448,8
3069	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 1	м3	660
3070	Transportation of soil up to 1 km	т	1188
3071	79 kW bulldozers [108 hp] with soil movement up to 10 m, soil group 2 / earlier loose soil /	м3	400
3072	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 2	м3	400
3073	Mechanized area planning, group soils 1	м2	1320
	Section 3. Formwork-scaffolding of overpass supports	-	-
3074	Installation of FBS foundation blocks 24.3.6 / 5-fold turnover /	шт	56
1		3	4
3075	(Dismantling) Installation of FBS foundation blocks 24.3.6 / 5-multiple turnover /	шт	56
3076	Transportation of construction waste by dump trucks on distance 30 km	т	5,06
3077	Transportation of formwork scaffolding of overpass supports for a distance of 80 km	т	18,66
3078	Transportation of scrap metal at a distance of 30 km	т	18,66
3079	Arrangement on working floor farms	м2	329
3080	(Dismantling) Arrangement of working flooring on farms	м2	329
3081	Transportation of firewood at a distance of 30 km	т	1,456
	Section 4. Guide frame for driving piles	-	-
3082	Production of a directing framework from inventory metal	т	1,4
3083	Installation and disassembly of the guide frame with inventory metal	т	20,3
3084	Transportation of scrap metal at a distance of 30 km	т	1,4
	Local estimate 02-011-01 for extreme supports	-	-
3085	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 2	м3	170

3086	Development of soil manually in a dump, group of soils 2	м3	20
3087	Transportation of soil up to 1 km	т	380
3088	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	м3	190
3089	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for each subsequent passage of one track with a layer thickness of 25 cm	м3	190
3090	Irrigation of compaction soil in embankments with water	м3	95
3091	Deepening with a diesel hammer on the excavator reinforced concrete piles up to 12 m long in soils of group 1	м3	71,52
3092	Cutting of concrete from a reinforcing framework reinforced concrete piles with a cross-sectional area of up to 0.1 m2	палы	48
3093	Arrangement of crushed stone pillows under the grille	м3	10,4
3094	Arrangement of concrete preparation	м3	3,22
3095	Installation of monolithic grille B25 MPa-6	м3	64
3096	Installation of fittings	т	7,072
3097	Installation of cement screeds 50 mm thick M300	м3	2,7
3098	Construction of monolithic concrete risers B30 / without formwork /	м3	31,92
3099	Installation of fittings	т	4,4016
3100	Arrangement of monolithic reinforced concrete nozzles B30 MPa-6 / without formwork /	м3	17,48
3101	Arrangement of drainage of cement mortar on the surface M300 attachments	м3	0,74
3102	Arrangement of monolithic reinforced concrete b30 flaps MPa-6 / without formwork /	м3	5,64
3103	Arrangement of monolithic reinforced concrete cabinet walls of B30 MPa-6 / without formwork /	м3	8,12
3104	Arrangement of monolithic reinforced concrete sub-farmers MPa-6	м3	0,76
3105	Coating waterproofing with bituminous mastic two-layer	м2	348
3106	Transportation of garbage from pile dismantling at a distance of 30 km	т	8,82
-	Local estimate 02-011-02 for intermediate supports	-	-
-	-	-	-
1		3	4
3107	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 2	м3	220
3108	Transportation of soil up to 1 km	т	203,46
3109	Development of soil manually in a dump, group of soils 2	м3	28,4
3110	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	м3	101,7
3111	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for each subsequent passage of one track with a layer thickness of 25 cm	м3	101,7
3112	Irrigation of compaction soil in embankments with water	м3	50,85

3113	Grounding by soil with bulldozers with a capacity of 79 kW [108 hp] with soil displacement up to 10 m, soil group 2 / formerly loosened soil /	м3	146,67
3114	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 2	м3	146,67
3115	Manual backfill of sinuses near supports, group of soils 2	м3	146,67
3116	Deepening with a diesel hammer on the excavator reinforced concrete piles up to 12 m long in soils of group 1	м3	93,87
3117	Cutting of concrete from a reinforcing framework reinforced concrete piles with a cross-sectional area of up to 0.1 m2	паля	63
3118	Arrangement of crushed stone pillows under the grille	м3	13,8
3119	Arrangement of concrete preparation	м3	4,23
3120	Arrangement of a monolithic grid of MR-1 B25 MPa-6	м3	83,7
3121	Installation of fittings	т	9,2505
3122	Arrangement of drainage of cement mortar on the surface grille M300	м3	5,16
3123	Construction of monolithic concrete risers B30 / without formwork /	м3	39,72
3124	Installation of fittings	т	3,792
3125	Installation of embedded parts	т	0,483
3126	Arrangement of monolithic reinforced concrete crossbar R-1 B30 MPa-6	м3	27
3127	Arrangement of drainage of cement mortar on the surface bolt M300	м3	1,08
3128	Arrangement of monolithic reinforced concrete subfarms sites B30 MPa-6	м3	2,28
3129	Coating waterproofing with bituminous mastic two-layer	м2	197
3130	Transportation of garbage from pile dismantling at a distance of 30 km	т	11,58
	Local estimate 02-011-03 for the span structure	-	-
3131	Installation of jib cranes on supports road bridges of reinforced concrete beams girder structures up to 21 m long	шт	20
3132	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	м2	23,4
3133	Grinding of concrete coverings	м2	23,4
3134	Dedusting of the polished surface	м2	23,4
3135	Installation of hinged waterproofing	м2	23,4
3136	Arrangement of a monolithic slab of the span structure B35 MPa-8	м3	142,12
3137	Grinding of concrete surfaces	м2	466,7
3138	Dedusting of the polished surface	м2	693
3139	Installation of sprayed waterproofing three-layer coating (Priming of concrete surface)	м2	482
3140	Dedusting the surface with compressed air	м2	482
1		3	4
3141	Installation of sprayed waterproofing three-layer coating (Waterproofing device)	м2	482
3142	Dedusting the surface with compressed air	м2	482

3143	Installation of sprayed waterproofing three-layer coating (Application of a binder layer)	м2	482
3144	Arrangement of cornice blocks PMKD-MG 06A	м3	5,249
3145	Installation of monolithic reinforced concrete pavement B35 MPa8	м3	53,72
3146	Installation of embedded parts	т	5,372
3147	Laying of pipelines from polyethylene pipes 75 mm in diameter with hydraulic test	м	168,3
3148	Drilling with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical holes 200 mm deep, 20 mm in diameter	шт	543
3149	Added or removed for every 10 mm change drilling depth with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical holes	шт	-543
3150	Installation of side stone on bridge structures	м борт	181
3151	Fastening of a side stone with anchors with filling	т	0,42897
3152	Installation of a metal barrier fence	т	14,44
3153	Installation of steel welded handrails on bridges and overpasses	т	9,025
3154	Installation of supporting parts of girder buildings	шт	30
3155	Installation of supporting parts of girder buildings	шт	10
	Local estimate 02-011-04 for the deformation seam	-	-
3156	Arrangement of the filled deformation seam conjugation of girder structures of bridges on highways with framing	м шва	16,8
3157	Arrangement of a monolithic expansion joint with cabinet wall	м3	3,8
3158	Installation of fittings	т	0,3555
	Local estimate 02-011-05 for the carriageway	-	-
3159	Arrangement of the bottom layer of a covering on 10 cm thick from asphalt concrete mixes by the asphalt paver for laying widths of 9 m	м2	466,7
3160	Arrangement of the bottom layer of a covering on 10 cm thick from asphalt concrete mixes asphalt paver, for changes in thickness for every 0.5 cm add to the norms of 27-26-1 - 27-26-4	м2	-466,7
3161	Arrangement of the top layer of coating with a thickness of 5 cm with asphalt mixtures asphalt paver for laying width 9 m	м2	466,7
3162	Arrangement of the top layer of coating with a thickness of 5 cm with asphalt mixtures asphalt paver, for add or remove thickness changes every 0.5 cm to / from norms 27-27-1 - 27-27-4	м2	-466,7
3163	Bottling of binders (0.4 l / м2-0.3 l / м2)	т	0,09334
3164	Laying of bituminous and rubber tape	м шва	181
	Local estimate 02-011-06 for pavement drainage canvases	-	-
-	-	-	-

3165	Drilling with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical holes depth of 200 mm, diameter of 80 mm	шт	32
1		3	4
3166	Added or removed for every 10 mm change drilling depth with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical holes with a diameter of 80 mm	шт	-32
3167	Drilling with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical openings 200 mm deep, 52 mm in diameter	шт	32
3168	Laying of pipelines from polyethylene pipes with a diameter of 50 mm	м	11,2
3169	Filling the sinuses with sealant	м3	0,0064
3170	Arrangement of drainage blocks	м	176,4
	Local estimate 02-011-07 for drainage from overpass	-	-
3171	Installation of drainage pipes	т	1,008
3172	Laying of pipelines from polyethylene pipes diameter 160 mm with hydraulic test	м	9,6
3173	Laying of pipelines from polyethylene pipes with a diameter of 315 mm	м	168
3174	Installation and disassembly of external inventory suspended scaffolding up to 16 m high	м2 вт	168
	Local estimate 02-011-08 for communication overpass with approaches	-	-
3175	Arrangement of crushed stone preparation	м3	23,5
3176	Laying of transitional prefabricated slabs and beds in length more than 7 m for conjugation of road bridges i overpasses with embankment	м3	37,34
3177	Arrangement of monolithic concrete joints of bed blocks B30	м3	0,5
3178	Arrangement of crushed stone preparation for sidewalks and plinth	м3	3,2
3179	Arrangement of reinforced concrete foundation slabs flat	м3	3,84
3180	Installation of embedded parts	т	0,4872
	Local estimate 02-011-09 for communication. Earthlings work	-	-
3181	Arrangement of ledges on embankment slopes, soil group 1	м3	240
3182	Soil compaction by pneumatic rammers, group soils 1, 2	м3	4200
3183	Irrigation of compaction soil in embankments with water	м3	2100
	Local estimate 02-011-010 for strengthening cones	-	-
3184	Reinforcement of slopes of the ground with monolithic concrete slabs up to 10 cm thick, B25 MPa-6	м2	1284

3185	When strengthening the roadside, monolithic concrete slabs over 10 cm thick add on every 1 cm changes the thickness of the plate	M2	1284
3186	Installation of reinforcing mesh	T	3,3384
3187	Arrangement of stops at strengthening of earth slopes cloths with monolithic concrete plates, B20 MPa-6	M	121,4
3188	Arrangement of a stone ribbing	M3	27,3
	Local estimate 02-011-011 for the installation of stairs	-	-
3189	Manual soil development, soil group 1	M3	8,1
3190	Manual area planning, soil group 1	M2	53,7
3191	Arrangement of crushed stone pillows under the foundations	M3	2,83
3192	Arrangement of stairs from monolithic concrete B25 MPa-6	M3	7,82
3193	Installation of fittings	T	0,57934
1		3	4
3194	Installation of embedded parts	T	0,06972
3195	Arrangement of a stop of a ladder concrete B25	M3	0,53
3196	Installation of steel welded handrails on bridges and overpasses	T	0,51
	Local estimate 02-011-012 for painting and corrosion protection of structures	-	-
	<u>Section 1. Anticorrosive coating of sidewalks and plinths</u>	-	-
3197	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	M2	213
3198	Dedusting of surfaces	M2	213
3199	Grinding of concrete coverings	M2	213
3200	Priming of concrete and plastered surfaces	M2	213
3201	Sprinkling the surface with sand	M2	213
3202	Priming of concrete and plastered surfaces	M2	213
3203	Sprinkling the surface with sand	M2	213
3204	Priming of concrete and plastered surfaces compound ED-20, the first layer	M2	213
	Section 2. Anticorrosive coating of the pedestrian surface stairwells	-	-
3205	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	M2	23,6
3206	Priming of concrete and plastered surfaces	M2	23,6
3207	Sprinkling the surface with sand	M2	23,6
3208	Priming of concrete and plastered surfaces	M2	23,6
	Section 3. Anticorrosive coating of girder structure	-	-
3209	Dedusting of surfaces	M2	1754
3210	Priming of concrete and plastered surfaces	M2	1754
3211	Painting of reinforced concrete girder structures bridges / 2 layers /	M2	1754
	Section 4. Corrosion protection of supports	-	-
3212	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	M2	251
3213	Dedusting of surfaces	M2	251
3214	Spackling of surfaces	M2	251

3215	Priming of concrete and plastered surfaces	m2	251
3216	Painting of reinforced concrete girder structures bridges / 2 times /	m2	251
	Section 5. Painting of a railing fence of a ladder	-	-
3217	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	m2	51,6
3218	Dedusting of surfaces	m2	51,6
3219	Grinding corners, roundings, weld seams	m2	7,74
3220	Dedusting of surfaces	m2	51,6
3221	Priming of concrete and plastered surfaces	m2	51,6
3222	Priming of concrete and plastered surfaces	m2	51,6
3223	Painting of metal primed railings	m2	51,6
	Local estimate 02-011-013 for complex ancillary construction and POB	-	-
-	-	-	-
-	Section 1. Entrance to assembly sites	-	-
-	-	-	-
3224	Development of soil by bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	m3	450
3225	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	m3	450
1		3	4
3226	Plowing the soil with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	m3	450
3227	Development of soil with a load on the car- dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 1	m3	1040
3228	Transportation of soil up to 1 km	T	1872
3229	Mechanized area planning, group soils 1	m2	1140
3230	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	m3	1040
3231	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	m3	1040
3232	Irrigation of compaction soil in embankments with water	m3	520
3233	Arrangement of a layer of a basis from rubble	m3	280
3234	Disassembly of the crushed stone base	m3	280
3235	Loading of bulk materials into vehicles single-bucket excavator, bucket capacity 0.25 m3	m3	280
3236	Transportation of construction waste by dump trucks on distance 30 km	T	476
3237	Development of soil with a load on the car- dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 1	m3	1040
3238	Transportation of soil up to 1 km	T	1872
3239	79 kW bulldozers [108 hp] with soil movement up to 10 m, soil group 2 / earlier loose soil /	m3	450

3240	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 2	M3	450
3241	Mechanized area planning, group soils 1	M2	1140
	Section 2. Mounting sites	-	-
3242	Development of soil by bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	M3	420
3243	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	M3	420
3244	Plowing the soil with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	M3	420
3245	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 1	M3	700
3246	Transportation of soil up to 1 km	T	1260
3247	Mechanized area planning, group soils 1	M2	1400
3248	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	M3	700
3249	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	M3	700
3250	Irrigation of compaction soil in embankments with water	M3	350
3251	Arrangement of a layer of a basis from rubble	M3	280
3252	Arrangement of pavements of temporary roads from prefabricated reinforced concrete slabs up to 3 m2	M3	167,4
1		3	4
3253	Transportation of additional slabs / on site / on distance 30 km	T	313,2
3254	Transportation of additional plates / to the base / at a distance of 30 km	T	313,2
3255	Disassembly of pavements of temporary roads from prefabricated reinforced concrete slabs up to 3 m2	M3	167,4
3256	Transportation of construction waste by dump trucks on distance 30 km	T	104,625
3257	Disassembly of the crushed stone base	M3	280
3258	Loading of bulk materials into vehicles single-bucket excavator, bucket capacity 0.25 m3	M3	280
3259	Transportation of construction waste by dump trucks on distance 30 km	T	476
3260	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 1	M3	700
3261	Transportation of soil up to 1 km	T	1260
3262	79 kW bulldozers [108 hp] with soil movement up to 10 m, soil group 2 / earlier loose soil /	M3	420

3263	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 2	м3	420
3264	Mechanized area planning, group soils 1	м2	1400
	Section 3. Formwork-scaffolding of overpass supports	-	-
3265	Installation of FBS foundation blocks 24.3.6 / 5-fold turnover /	шт	56
3266	(Dismantling) Installation of FBS foundation blocks 24.3.6 / 5-multiple turnover /	шт	56
3267	Transportation of construction waste by dump trucks on distance 30 km	т	5,06
3268	Transportation of formwork of scaffolding of overpass supports at a distance of 80 km	т	27,9
3269	Transportation of scrap metal at a distance of 30 km	т	27,9
3270	Arrangement on working floor farms	м2	259
3271	(Dismantling) Arrangement of working flooring on farms	м2	259
3272	Transportation of firewood at a distance of 30 km	т	1,456
	Section 4. Guide frame for driving piles	-	-
3273	Production of a directing framework from inventory metal	т	1,4
3274	Installation and disassembly of the guide frame with inventory metal	т	27,8
3275	Transportation of scrap metal at a distance of 30 km	т	1,4
	Local estimate 02-012-01 for extreme supports	-	-
3276	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 2	м3	170
3277	Transportation of soil up to 1 km	т	380
3278	Development of soil manually in a dump, group of soils 2	м3	20
3279	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	м3	190
3280	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for each subsequent passage of one track with a layer thickness of 25 cm	м3	190
3281	Irrigation of compaction soil in embankments with water	м3	95
1		3	4
3282	Deepening diesel hammer on the excavator reinforced concrete piles up to 16 m long in soils of group 1	м3	83
3283	Cutting of concrete from a reinforcing framework reinforced concrete piles with a cross-sectional area of up to 0.1 m2	паля	48
3284	Arrangement of crushed stone pillows under the grille	м3	10,4
3285	Arrangement of concrete preparation	м3	3,22
3286	Installation of monolithic grille B25 MPa-6	м3	64
3287	Installation of fittings	т	7,072
3288	Installation of cement screeds 50 mm thick M300	м3	2,7
3289	Construction of monolithic concrete risers B30 / without formwork /	м3	31,92

3290	Installation of fittings	Т	4,4016
3291	Arrangement of monolithic reinforced concrete nozzles B30 MPa-6 / without formwork /	м3	17,48
3292	Arrangement of drainage of cement mortar on the surface M300 attachments	м3	0,74
3293	Arrangement of monolithic reinforced concrete b30 flaps MPa-6 / without formwork /	м3	5,64
3294	Arrangement of monolithic reinforced concrete cabinet walls of B30 MPa-6 / without formwork /	м3	8,12
3295	Arrangement of monolithic reinforced concrete sub-farmers MPa-6	м3	0,76
3296	Coating waterproofing with bituminous mastic two-layer	м2	348
3297	Transportation of garbage from pile dismantling at a distance of 30 km	Т	8,82
	Local estimate 02-012-02 for intermediate supports	-	-
3298	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 2	м3	220
3299	Transportation of soil up to 1 km	Т	203,46
3300	Development of soil manually in a dump, group of soils 2	м3	28,4
3301	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	м3	101,7
3302	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for each subsequent passage of one track with a layer thickness of 25 cm	м3	101,7
3303	Irrigation of compaction soil in embankments with water	м3	50,85
3304	Grounding by soil with bulldozers with a capacity of 79 kW [108 hp] with soil displacement up to 10 m, soil group 2 / formerly loosened soil /	м3	146,67
3305	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 2	м3	146,67
3306	Manual backfill of sinuses near supports, group of soils 2	м3	146,67
3307	Deepening diesel hammer on the excavator reinforced concrete piles up to 16 m long in soils of group 1	м3	109
3308	Cutting of concrete from a reinforcing framework reinforced concrete piles with a cross-sectional area of up to 0.1 m2	паля	63
3309	Arrangement of crushed stone pillows under the grille	м3	13,8
3310	Arrangement of concrete preparation	м3	4,23
3311	Arrangement of a monolithic grid of MR-1 B25 MPa-6	м3	83,7
3312	Installation of fittings	Т	9,2505
3313	Arrangement of drainage of cement mortar on the surface grille M300	м3	5,16
3314	Construction of monolithic concrete risers B30 / without formwork /	м3	39,72
3315	Installation of fittings	Т	3,792
3316	Installation of embedded parts	Т	0,483
1		3	4

3317	Arrangement of monolithic reinforced concrete crossbar R-1 B30 MPa-6	М3	27
3318	Arrangement of drainage of cement mortar on the surface bolt M300	М3	1,08
3319	Arrangement of monolithic reinforced concrete subfarms sites B30 MPa-6	М3	2,28
3320	Coating waterproofing with bituminous mastic two-layer	М2	166
3321	Transportation of garbage from pile dismantling at a distance of 30 km	Т	11,58
	Local estimate 02-012-03 for the span structure	-	-
3322	Installation of jib cranes on supports road bridges of reinforced concrete beams girder structures up to 21 m long	ШТ	20
3323	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	М2	23,4
3324	Grinding of concrete coverings	М2	23,4
3325	Dedusting of the polished surface	М2	23,4
3326	Installation of hinged waterproofing	М2	23,4
3327	Arrangement of a monolithic slab of the span structure B35 MPa-8	М3	142,12
3328	Grinding of concrete surfaces	М2	466,7
3329	Dedusting of the polished surface	М2	693
3330	Installation of sprayed waterproofing three-layer coating (Priming of concrete surface)	М2	482
3331	Dedusting the surface with compressed air	М2	482
3332	Installation of sprayed waterproofing three-layer coating (Waterproofing device)	М2	482
3333	Dedusting the surface with compressed air	М2	482
3334	Installation of sprayed waterproofing three-layer coating (Application of a binder layer)	М2	482
3335	Arrangement of cornice blocks PMKD-MG 06A	М3	5,249
3336	Installation of monolithic reinforced concrete pavement B35 MPa8	М3	53,72
3337	Installation of embedded parts	Т	5,372
3338	Laying of pipelines from polyethylene pipes 75 mm in diameter with hydraulic test	М	168,3
3339	Drilling with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical holes	ШТ	543
3340	Added or removed for every 10 mm change drilling depth with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical holes with a diameter of 20 mm	ШТ	-543
3341	Installation of side stone on bridge structures	М борт	181
3342	Fastening of a side stone with anchors with filling	Т	0,42897
3343	Installation of a metal barrier fence	Т	14,44
3344	Installation of steel welded handrails on bridges and overpasses	Т	9,025
3345	Installation of supporting parts of girder buildings	ШТ	30

3346	Installation of supporting parts of girder buildings Local estimate 02-012-04 for the deformation seam	шт -	10 -
3347	Arrangement of the filled deformation seam conjugation of girder structures of bridges on highways with framing	м шба -	16,8 -
3348	Arrangement of a monolithic expansion joint with cabinet wall	м3	3,8
3349	Installation of fittings	т	0,3555
1		3	4
	Local estimate 02-012-05 for the carriageway	-	-
3350	Arrangement of the bottom layer of a covering on 10 cm thick from asphalt concrete mixes by the asphalt paver for laying widths of 9 m	м2 -	466,7 -
3351	Arrangement of the bottom layer of a covering on 10 cm thick from asphalt concrete mixes asphalt paver, for changes in thickness for every 0.5 cm add to the norms of 27- 26-1 - 27-26-4	м2	-466,7
3352	Arrangement of the top layer of coating with a thickness of 5 cm with asphalt mixtures asphalt paver for laying width 9 m	м2	466,7
3353	Arrangement of the top layer of coating with a thickness of 5 cm with asphalt mixtures asphalt paver, for add or remove thickness changes every 0.5 cm to / from norms 27-27-1 - 27-27-4	м2	-466,7
3354	Bottling of binders (0.4 л / м2-0.3 л / м2)	т	0,09334
3355	Laying of bituminous and rubber tape Local estimate 02-012-06 for pavement drainage canvases	м шба -	181 -
3356	Drilling with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical holes depth of 200 mm, diameter of 80 mm	шт -	32 -
3357	Added or removed for every 10 mm change drilling depth with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical holes with a diameter of 80 mm	шт	-32
3358	Drilling with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical openings 200 mm deep, 52 mm in diameter	шт	32
3359	Laying of pipelines from polyethylene pipes with a diameter of 50 mm	м	11,2
3360	Filling the sinuses with sealant	м3	0,0064
3361	Arrangement of drainage blocks Local estimate 02-012-07 for drainage from overpass	м -	176,4 -
3362	Installation of drainage pipes	т -	1,008 -
3363	Laying of pipelines from polyethylene pipes diameter 160 mm with hydraulic test	м	9,6

3364	Laying of pipelines from polyethylene pipes with a diameter of 315 mm	М	168
3365	Installation and disassembly of external inventory suspended scaffolding up to 16 m high	М2 БП	168
	Local estimate 02-012-08 for communication overpass with approaches	-	-
3366	Arrangement of crushed stone preparation	М3	23,5
3367	Laying of transitional prefabricated slabs and beds in length more than 7 m for conjugation of road bridges i overpasses with embankment	М3	37,34
3368	Arrangement of monolithic concrete joints of bed blocks B30	М3	0,5
3369	Arrangement of crushed stone preparation for sidewalks and plinth	М3	3,2
3370	Arrangement of reinforced concrete foundation slabs flat	М3	3,84
3371	Installation of embedded parts	Т	0,4872
1		3	4
	Local estimate 02-012-09 for communication. Earthlings work	-	-
3372	Arrangement of ledges on embankment slopes, soil group 1	М3	240
3373	Soil compaction by pneumatic rammers, group soils 1, 2	М3	4100
3374	Irrigation of compaction soil in embankments with water	М3	2050
	Local estimate 02-012-010 for strengthening cones	-	-
3375	Reinforcement of slopes of the ground with monolithic concrete slabs up to 10 cm thick, B25 MPa-6	М2	1268
3376	When strengthening the roadside, monolithic concrete slabs over 10 cm thick add on every 1 cm changes the thickness of the plate	М2	1268
3377	Installation of reinforcing mesh	Т	3,2968
3378	Arrangement of stops at strengthening of earth slopes cloths with monolithic concrete plates, B20 MPa-6	М	120,4
3379	Arrangement of a stone ribbing	М3	27,1
	Local estimate 02-012-011 for the installation of stairs	-	-
3380	Manual soil development, soil group 1	М3	7,86
3381	Manual area planning, soil group 1	М2	52,1
3382	Arrangement of crushed stone pillows under the foundations	М3	2,77
3383	Arrangement of stairs from monolithic concrete B25 MPa-6	М3	7,66
3384	Installation of fittings	Т	0,56796
3385	Installation of embedded parts	Т	0,06972
3386	Arrangement of a stop of a ladder concrete B25	М3	0,5141
3387	Installation of steel welded handrails on bridges and overpasses	Т	0,49
	Local estimate 02-012-012 for painting and corrosion protection of structures	-	-
	<u>Section 1. Anticorrosive coating of sidewalks and plinths</u>	-	-
3388	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	М2	213

3389	Dedusting of surfaces	m2	213
3390	Grinding of concrete coverings	m2	213
3391	Priming of concrete and plastered surfaces	m2	213
3392	Sprinkling the surface with sand	m2	213
3393	Priming of concrete and plastered surfaces	m2	213
3394	Sprinkling the surface with sand	m2	213
3395	Priming of concrete and plastered surfaces	m2	213
	Section 2. Anticorrosive coating of the pedestrian surface stairwells	-	-
3396	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	m2	22,7
3397	Priming of concrete and plastered surfaces	m2	22,7
3398	Sprinkling the surface with sand	m2	22,7
3399	Priming of concrete and plastered surfaces	m2	22,7
	Section 3. Anticorrosive coating of girder structure	-	-
3400	Dedusting of surfaces	m2	1754
3401	Priming of concrete and plastered surfaces	m2	1754
3402	Painting of reinforced concrete girder structures bridges / 2 layers /	m2	1754
	Section 4. Painting of supports	-	-
3403	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	m2	250
1		3	4
3404	Dedusting of surfaces	m2	250
3405	Spackling of surfaces	m2	250
3406	Priming of concrete and plastered surfaces	m2	250
3407	Painting of reinforced concrete girder structures bridges / 2 times /	m2	250
	Section 5. Painting of a railing fence of a ladder	-	-
3408	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	m2	50,6
3409	Dedusting of surfaces	m2	50,6
3410	Grinding corners, roundings, weld seams	m2	7,59
3411	Dedusting of surfaces	m2	50,6
3412	Priming of concrete and plastered surfaces	m2	50,6
3413	Priming of concrete and plastered surfaces	m2	50,6
3414	Painting of metal primed railings	m2	50,6
	Local estimate 02-012-013 for complex ancillary construction and POB	-	-
	Section 1. Entrance to assembly sites	-	-
3415	Development of soil by bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	m3	4
3416	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	m3	4
3417	Plowing the soil with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	m3	4

3418	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 1	М3	1100
3419	Transportation of soil up to 1 km	Т	1980
3420	Mechanized area planning, group soils 1	М2	1140
3421	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	М3	1100
3422	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	М3	1100
3423	Irrigation of compaction soil in embankments with water	М3	550
3424	Arrangement of a layer of a basis from rubble	М3	252
3425	Disassembly of the crushed stone base	М3	252
3426	Loading of bulk materials into vehicles single-bucket excavator, bucket capacity 0.25 m3	М3	252
3427	Transportation of construction waste by dump trucks on distance 30 km	Т	428,4
3428	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 1	М3	1100
3429	Transportation of soil up to 1 km	Т	1980
3430	79 kW bulldozers [108 hp] with soil movement up to 10 m, soil group 2 / earlier loose soil /	М3	470
3431	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 2	М3	470
3432	Mechanized area planning, group soils 1	М2	1140
-	Section 2. Mounting sites	-	-
1	-	3	4
3433	Development of soil by bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	М3	420
3434	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	М3	420
3435	Plowing the soil with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	М3	420
3436	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 1	М3	700
3437	Transportation of soil up to 1 km	Т	1260
3438	Mechanized area planning, group soils 1	М2	1400
3439	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	М3	700

3440	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	М3	700
3441	Irrigation of compaction soil in embankments with water	М3	350
3442	Arrangement of a layer of a basis from rubble	М3	280
3443	Arrangement of pavements of temporary roads from prefabricated reinforced concrete slabs up to 3 m2	М3	167,4
3444	Transportation of additional slabs / on site / on distance 30 km	Т	313,2
3445	Transportation of additional plates / to the base / at a distance of 30 km	Т	313,2
3446	Disassembly of pavements of temporary roads from prefabricated reinforced concrete slabs up to 3 m2	М3	167,4
3447	Transportation of construction waste by dump trucks on distance 30 km	Т	104,625
3448	Disassembly of the crushed stone base	М3	280
3449	Loading of bulk materials into vehicles single-bucket excavator, bucket capacity 0.25 m3	М3	280
3450	Transportation of construction waste by dump trucks on distance 30 km	Т	476
3451	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 1	М3	700
3452	Transportation of soil up to 1 km	Т	1260
3453	79 kW bulldozers [108 hp] with soil movement up to 10 m, soil group 2 / earlier loose soil /	М3	420
3454	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 2	М3	420
3455	Mechanized area planning, group soils 1	М2	1400
	Section 3. Formwork-scaffolding of overpass supports	-	-
3456	Installation of FBS foundation blocks 24.3.6 / 5-fold turnover /	шт	56
3457	(Dismantling) Installation of FBS foundation blocks 24.3.6 / 5-multiple turnover /	шт	56
3458	Transportation of construction waste by dump trucks on distance 30 km	Т	5,06
3459	Transportation of formwork of scaffolding of overpass supports at a distance of 80 km	Т	27,9
3460	Transportation of scrap metal at a distance of 30 km	Т	27,9
3461	Arrangement on working floor farms	М2	259
1		3	4
3462	(Dismantling) Arrangement of working flooring on farms	М2	259
3463	Transportation of firewood at a distance of 30 km	Т	1,456
	Section 4. Guide frame for driving piles	-	-
3464	Production of a directing framework from inventory metal	Т	1,4

3465	Installation and disassembly of the guide frame with inventory metal	т		27,8
3466	Transportation of scrap metal at a distance of 30 km	т		1,4
	Local estimate 02-013-01 for extreme supports	-	-	-
3467	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 2	м3	-	600
3468	Transportation of soil up to 1 km	т		480
3469	Development of soil manually in a dump, group of soils 2	м3		140
3470	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	м3		260
3471	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for each subsequent passage of one track with a layer thickness of 25 cm	м3		260
3472	Irrigation of compaction soil in embankments with water	м3		130
3473	Grounding by soil with bulldozers with a capacity of 79 kW [108 hp] with soil displacement up to 10 m, soil group 2 / formerly loosened soil /	м3		500
3474	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 2	м3		500
3475	Manual backfill of sinuses near supports, group of soils 2	м3		500
3476	Deepening diesel hammer on the excavator reinforced concrete piles up to 16 m long in soils of group 1	м3		228,4
3477	Cutting of concrete from a reinforcing framework reinforced concrete piles with a cross-sectional area of up to 0.1 m2	паля		132
3478	Arrangement of crushed stone pillows under the grille	м3		49,5
3479	Arrangement of concrete preparation	м3		16,5
3480	Installation of monolithic grille B25 MPa-6	м3		184,64
3481	Installation of fittings	т		20,3288
3482	Installation of cement screeds 50 mm thick M300	м3		11,53
3483	Construction of monolithic walls of B30 supports / without formwork /	м3		108,8
3484	Installation of fittings	т		16,9408
3485	Arrangement of monolithic reinforced concrete nozzles B30 MPa-6 / without formwork /	м3		37,24
3486	Arrangement of drainage of cement mortar on the surface M300 attachments	м3		4,56
3487	Arrangement of monolithic reinforced concrete cabinet walls of B30 MPa-6 / without formwork /	м3		39,4
3488	Arrangement of monolithic reinforced concrete sub-enzymes B30 MPa-6	м3		3,36
3489	Coating waterproofing with bituminous mastic two-layer	м2		500
3490	Transportation of garbage from pile dismantling at a distance of 30 km	т		24,26
	Local estimate 02-013-02 for the device retaining walls	-	-	-
-	-	-	-	-

3491	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 2	м3	400
3492	Transportation of soil up to 1 km	т	270
1		3	4
3493	Development of soil manually in a dump, group of soils 2	м3	82
3494	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	м3	150
3495	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for each subsequent passa	м3	150
3496	Irrigation of compaction soil in embankments with water	м3	75
3497	Grounding by soil with bulldozers with a capacity of 79 kW [108 hp] with soil displacement up to 10 m, soil group 2 / formerly loosened soil /	м3	332
3498	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 2	м3	332
3499	Filling the sinuses by hand near the retaining walls, a group of soils 2	м3	332
3500	Deepening diesel hammer on the excavator reinforced concrete piles up to 16 m long in soils of group 1	м3	117,6
3501	Cutting of concrete from a reinforcing framework reinforced concrete piles with a cross-sectional area of up to 0.1 m2	паля	68
3502	Arrangement of crushed stone pillows under the grille	м3	16,5
3503	Arrangement of concrete preparation	м3	5,54
3504	Arrangement of a monolithic grid of retaining walls B25 MPa-6	м3	97,6
3505	Installation of fittings	т	10,746
3506	Installation of retaining walls Concrete B30	м3	56,92
3507	Coating waterproofing with bituminous mastic two-layer	м2	500
3508	Transportation of garbage from pile dismantling at a distance of 30 km	т	12,5
	Local estimate 02-013-03 for the span structure	-	-
3509	Installation of jib cranes on supports road bridges of reinforced concrete beams girder structures up to 24 m long	шт	20
3510	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	м2	326,4
3511	Dedusting of the polished surface	м2	326,4
3512	Arrangement of a monolithic slab of the girder structure B35	м3	200,64
3513	Grinding of concrete surfaces	м2	720
3514	Dedusting of the polished surface	м2	720
3515	Installation of sprayed waterproofing three-layer coating (Priming of concrete surface)	м2	727,68
3516	Dedusting the surface with compressed air	м2	482
3517	Installation of sprayed waterproofing three-layer coating (Waterproofing device)	м2	727,68

3518	Dedusting the surface with compressed air	м2	727,68
3519	Installation of sprayed waterproofing three-layer coating (Application of a binder layer)	м2	727,68
3520	Arrangement of cornice blocks PMKD-MG 06A	м3	1,392
3521	Installation of monolithic reinforced concrete pavement B35 MPa8	м3	31,04
3522	Installation of embedded parts	т	4,4144
3523	Laying of pipelines from polyethylene pipes 75 mm in diameter with hydraulic test	м	96
3524	Drilling with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical holes	шт	360
1		3	4
3525	Added or removed for every 10 mm change drilling depth with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical holes with a diameter of 20 mm	шт	-360
3526	Installation of side stone on bridge structures	м борт	120
3527	Fastening of a side stone with anchors with filling	т	0,2844
3528	Installation of a metal barrier fence	т	11,94
3529	Installation of steel welded handrails on bridges and overpasses	т	10,47
3530	Installation of supporting parts of girder buildings	шт	40
	Local estimate 02-013-04 for the deformation seam	-	-
3531	Arrangement of the filled deformation seam conjugation of girder structures of bridges on highways with framing	м шва	71,48
3532	Arrangement of a monolithic expansion joint with cabinet wall B35	м3	15,6
3533	Installation of fittings	т	1,4772
	Local estimate 02-013-05 for the carriageway	-	-
3534	Arrangement of the bottom layer of a covering on 10 cm thick from asphalt concrete mixes by the asphalt paver for laying widths of 9 m	м2	741
3535	Arrangement of the bottom layer of a covering on 10 cm thick from asphalt concrete mixes asphalt paver, for changes in thickness for every 0.5 cm add to the norms of 27-26-1 - 27-26-4	м2	-741
3536	Bottling of binders (0.4 l / м2-0.3 l / м2)	т	0,1482
3537	Arrangement of the top layer of coating with a thickness of 5 cm with asphalt concrete mixes ShchMA-15 asphalt paver with a width of 9 m	м2	741
3538	Laying of bituminous and rubber tape	м шва	120
	Local estimate 02-013-06 for pavement drainage canvases	-	-
-	-	-	-

3539	Drilling with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical holes	шт	10
3540	Added or removed for every 10 mm change drilling depth with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical holes with a diameter of 80 mm	шт	-10
3541	Drilling with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical openings 200 mm deep, 52 mm in diameter	шт	10
3542	Laying of pipelines from polyethylene pipes with a diameter of 50 mm	м	3,5
3543	Filling the sinuses with sealant	м3	0,002
3544	Arrangement of drainage blocks	м	78
	Local estimate 02-013-07 for drainage from the bridge	-	-
3545	Installation of drainage pipes	т	0,252
3546	Laying of pipelines from polyethylene pipes diameter 160 mm with hydraulic test	м	2,4
3547	Laying of pipelines from polyethylene pipes with a diameter of 315 mm	м	60
3548	Installation and disassembly of external inventory suspended scaffolding up to 16 m high	м2 вп	48
1		3	4
	Local estimate 02-013-08 for communication overpass with approaches	-	-
3549	Arrangement of crushed stone preparation	м3	86,28
3550	Laying of transitional prefabricated slabs and beds in length more than 7 m for conjugation of road bridges i overpasses with embankment	м3	200,256
3551	Arrangement of monolithic concrete joints of bed blocks B30	м3	2
3552	Arrangement of crushed stone preparation for sidewalks and plinth	м3	5,8
3553	Arrangement of monolithic reinforced concrete office passages on the connection	м3	7,76
3554	Installation of embedded parts	т	0,9744
	Local estimate 02-013-09 for communication. Earthlings work	-	-
3555	Arrangement of ledges on embankment slopes, soil group 1	м3	320
3556	Soil compaction by pneumatic rammers, group soils 1, 2	м3	4320
3557	Irrigation of compaction soil in embankments with water	м3	2160
	Local estimate 02-013-010 for strengthening cones	-	-
3558	Reinforcement of slopes of the ground with monolithic concrete slabs up to 10 cm thick, B25 MPa-6	м2	168
3559	When strengthening the roadside, monolithic concrete slabs over 10 cm thick add on every 1 cm changes the thickness of the plate	м2	168

3560	Installation of reinforcing mesh	T	0,4368
3561	Arrangement of stops at strengthening of earth slopes cloths with monolithic concrete plates, B20 MPa-6	M	6
3562	Arrangement of a stone ribbing	M3	1,4
	Local estimate 02-013-011 for the installation of stairs	-	-
3563	Manual soil development, soil group 1	M3	3,02
3564	Manual area planning, soil group 1	M2	20,1
3565	Arrangement of crushed stone pillows under the foundations	M3	1,05
3566	Arrangement of stairs from monolithic concrete B25 MPa-6	M3	2,89
3567	Installation of fittings	T	0,21437
3568	Installation of embedded parts	T	0,0249
3569	Arrangement of a stop of a ladder concrete B25	M3	0,4
3570	Installation of steel welded handrails on bridges and overpasses	T	0,185
	Local estimate 02-013-012 for painting and corrosion protection of structures	-	-
	<u>Section 1. Anticorrosive coating of sidewalks and plinths</u>	-	-
3571	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	M2	146,9
3572	Dedusting of surfaces	M2	146,9
3573	Grinding of concrete coverings	M2	146,9
3574	Priming of concrete and plastered surfaces	M2	146,9
3575	Sprinkling the surface with sand	M2	146,9
3576	Priming of concrete and plastered surfaces	M2	146,9
3577	Sprinkling the surface with sand	M2	146,9
3578	Priming of concrete and plastered surfaces	M2	146,9
	Section 2. Anticorrosive coating of the pedestrian surface stairwells	-	-
3579	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	M2	20,9
1		3	4
3580	Priming of concrete and plastered surfaces	M2	20,9
3581	Sprinkling the surface with sand	M2	20,9
3582	Priming of concrete and plastered surfaces	M2	20,9
	Section 3. Anticorrosive coating of girder structure	-	-
3583	Dedusting of surfaces	M2	2023,8
3584	Priming of concrete and plastered surfaces	M2	2023,8
3585	Painting of reinforced concrete girder structures bridges / 2 layers /	M2	2023,8
	Section 4. Corrosion protection of supports	-	-
3586	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	M2	596
3587	Dedusting of surfaces	M2	596
3588	Spackling of surfaces	M2	596
3589	Priming of concrete and plastered surfaces	M2	596
3590	Painting of reinforced concrete girder structures bridges / 2 times /	M2	596
	Section 5. Painting of a railing fence of a ladder	-	-

3591	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	M2	-	25
3592	Dedusting of surfaces	M2		25
3593	Grinding corners, roundings, weld seams	M2		3,75
3594	Dedusting of surfaces	M2		25
3595	Priming of concrete and plastered surfaces	M2		25
3596	Priming of concrete and plastered surfaces	M2		25
3597	Painting of metal primed railings	M2		25
	Local estimate 02-013-013 for complex ancillary construction and POB		-	-
-			-	-
-	<u>Section 1. Entrance to assembly sites</u>		-	-
3598	Development of soil by bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	M3	-	495
3599	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	M3		495
3600	Plowing the soil with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	M3		495
3601	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 1	M3		1150
3602	Transportation of soil up to 1 km	T		2070
3603	Mechanized area planning, group soils 1	M2		1650
3604	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	M3		1150
3605	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	M3		1150
3606	Irrigation of compaction soil in embankments with water	M3		575
3607	Arrangement of a layer of a basis from rubble	M3		265
3608	Disassembly of the crushed stone base	M3		265
3609	Loading of bulk materials into vehicles single-bucket excavator, bucket capacity 0.25 m3	M3		265
3610	Transportation of construction waste by dump trucks on distance 30 km	T		450,5
1		3	4	
3611	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 1	M3		1150
3612	Transportation of soil up to 1 km	T		2070
3613	79 kW bulldozers [108 hp] with soil movement up to 10 m, soil group 2 / earlier loose soil /	M3		495
3614	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 2	M3		495

3615	Mechanized area planning, group soils 1	m2	1650
Section 2. Mounting sites			
3616	Development of soil by bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	m3	672
3617	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	m3	672
3618	Plowing the soil with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	m3	672
3619	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 1	m3	1120
3620	Transportation of soil up to 1 km	T	2016
3621	Mechanized area planning, group soils 1	m2	2240
3622	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	m3	1120
3623	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	m3	1120
3624	Irrigation of compaction soil in embankments with water	m3	560
3625	Arrangement of a layer of a basis from rubble	m3	448
3626	Arrangement of pavements of temporary roads from prefabricated reinforced concrete slabs up to 3 m2	m3	254,88
3627	Transportation of additional slabs / on site / on distance 30 km	T	477,9
3628	Transportation of additional plates / to the base / at a distance of 30 km	T	477,9
3629	Disassembly of pavements of temporary roads from prefabricated reinforced concrete slabs up to 3 m2	m3	254,88
3630	Transportation of construction waste by dump trucks on distance 30 km	T	159,3
3631	Disassembly of the crushed stone base	m3	448
3632	Transportation of construction waste by dump trucks on distance 30 km	T	761,6
3633	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 1	m3	1120
3634	Transportation of soil up to 1 km	T	2016
3635	79 kW bulldozers [108 hp] with soil movement up to 10 m, soil group 2 / earlier loose soil /	m3	672
3636	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 2	m3	672
3637	Mechanized area planning, group soils 1	m2	2240
1		3	4

	Section 3. Formwork-scaffolding of overpass supports	-	-
3638	Installation of FBS foundation blocks 24.3.6 / 5-fold turnover /	шт	76
3639	(Dismantling) Installation of FBS foundation blocks 24.3.6 / 5-multiple turnover /	шт	76
3640	Transportation of construction waste by dump trucks on distance 30 km	т	6,9
3641	Transportation of formwork of scaffolding of overpass supports at a distance of 80 km	т	28,62
3642	Transportation of scrap metal at a distance of 30 km	т	28,62
3643	Arrangement on working floor farms	м2	386
3644	(Dismantling) Arrangement of working flooring on farms	м2	386
3645	Transportation of firewood at a distance of 30 km	т	2,156
	Section 4. Guide frame for driving piles	-	-
3646	Production of a directing framework from inventory metal	т	1,4
3647	Installation and disassembly of the guide frame with inventory metal	т	50
3648	Transport of scrap metal at a distance of 30 km	т	1,4
	Local estimate 02-014-01 for extreme supports	-	-
3649	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0.25 m3, soil group 2	м3	630
3650	Transportation of soil up to 1 km	т	500
3651	Development of soil manually in a dump, group of soils 2	м3	80
3652	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	м3	250
3653	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for each subsequent passage of one track with a layer thickness of 25 cm	м3	250
3654	Irrigation of compaction soil in embankments with water	м3	125
3655	Grounding by soil with bulldozers with a capacity of 79 kW [108 hp] with soil displacement up to 10 m, soil group 2 / formerly loosened soil /	м3	530
3656	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 2	м3	530
3657	Manual backfill of sinuses near supports, group of soils 2	м3	530
3658	Deepening diesel hammer on the excavator reinforced concrete piles up to 12 m long in soils of group 1	м3	321,84
3659	Cutting of concrete from a reinforcing framework reinforced concrete piles with a cross-sectional area of up to 0.1 m2	паля	216
3660	Arrangement of crushed stone pillows under the grille	м3	52,5
3661	Arrangement of concrete preparation	м3	17,5
3662	Installation of monolithic grille B25 MPa-6	м3	195,04
3663	Installation of fittings	т	21,5504
3664	Installation of cement screeds 50 mm thick M300	м3	12,15

3665	Construction of monolithic walls of B30 supports / without formwork /	м3	97,2
3666	Installation of fittings	т	15,134
3667	Arrangement of monolithic reinforced concrete nozzles B30 MPa-6 / without formwork /	м3	41,24
3668	Arrangement of drainage of cement mortar on the surface M300 attachments	м3	4,8
3669	Arrangement of monolithic reinforced concrete cabinet walls of B30 MPa-6 / without formwork /	м3	40,96
3670	Arrangement of monolithic reinforced concrete sub-enzymes B30 MPa-6	м3	3
1		3	4
3671	Coating waterproofing with bituminous mastic two-layer	м2	520
3672	Transportation of garbage from pile dismantling at a distance of 30 km	т	39,69
	Local estimate 02-014-02 for the device retaining walls	-	-
3673	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 м3, soil group 2	м3	410
3674	Transportation of soil up to 1 km	т	288
3675	Development of soil manually in a dump, group of soils 2	м3	82
3676	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	м3	160
3677	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for each subsequent passage of one track with a layer thickness of 25 cm	м3	160
3678	Irrigation of compaction soil in embankments with water	м3	80
3679	Grounding by soil with bulldozers with a capacity of 79 kW [108 hp] with soil displacement up to 10 m, soil group 2 / formerly loosened soil /	м3	332
3680	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 2	м3	332
3681	Filling the sinuses by hand near the retaining walls, a group of soils 2	м3	332
3682	Deepening diesel hammer on the excavator reinforced concrete piles up to 12 m long in soils of group 1	м3	172,84
3683	Cutting of concrete from a reinforcing framework reinforced concrete piles with a cross-sectional area of up to 0.1 м2	паля	116
3684	Arrangement of crushed stone pillows under the grille	м3	15,3
3685	Arrangement of concrete preparation	м3	5,1
3686	Arrangement of a monolithic grid of retaining walls B25 MPa-6	м3	93,84
3687	Installation of fittings	т	10,3166
3688	Installation of retaining walls Concrete B30	м3	57,76
3689	Coating waterproofing with bituminous mastic two-layer	м2	490

3690	Transportation of garbage from pile dismantling at a distance of 30 km Local estimate 02-014-03 for the span structure	T -	21,32 -
3691	Installation of jib cranes on supports road bridges of reinforced concrete beams girder structures up to 24 m long	шт	20
3692	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	м2	326,4
3693	Dedusting of the polished surface	м2	326,4
3694	Arrangement of a monolithic slab of the girder structure B35	м3	202,36
3695	Grinding of concrete surfaces	м2	726
3696	Dedusting of the polished surface	м2	726
3697	Installation of sprayed waterproofing three-layer coating (Priming of concrete surface)	м2	733,9
3698	Dedusting the surface with compressed air	м2	733,9
3699	Installation of sprayed waterproofing three-layer coating (Waterproofing device)	м2	733,9
3700	Dedusting the surface with compressed air	м2	733,9
3701	Installation of sprayed waterproofing three-layer coating (Application of a binder layer)	м2	733,9
3702	Arrangement of cornice blocks PMKD-MG 06A	м3	1,392
1		3	4
3703	Installation of monolithic reinforced concrete pavement B35 MPa8	м3	31,32
3704	Installation of embedded parts	T	4,4452
3705	Laying of pipelines from polyethylene pipes 75 mm in diameter with hydraulic test	м	96
3706	Drilling with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical holes 200 mm deep, 20 mm in diameter	шт	372
3707	Added or removed for every 10 mm change drilling depth with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical holes with a diameter of 20 mm	шт	-372
3708	Installation of side stone on bridge structures	м борт	124
3709	Fastening of a side stone with anchors with filling	T	0,29388
3710	Installation of a metal barrier fence	T	12,21
3711	Installation of steel welded handrails on bridges and overpasses	T	10,71
3712	Installation of supporting parts of girder buildings Local estimate 02-014-04 for the deformation seam	шт -	40 -
3713	Arrangement of the filled deformation seam conjugation of girder structures of bridges on highways with framing	м шва	75
3714	Arrangement of a monolithic expansion joint with cabinet wall B35	м3	16,32
3715	Installation of fittings Local estimate 02-014-05 for the carriageway	T -	1,54986 -
-	-	-	-

3716	Arrangement of the bottom layer of a covering on 10 cm thick from asphalt concrete mixes by the asphalt paver for laying widths of 9 m	м2	748,3
3717	Arrangement of the bottom layer of a covering on 10 cm thick from asphalt concrete mixes asphalt paver, for changes in thickness for every 0.5 cm add to the norms of 27-26-1 - 27-26-4	м2	-748,3
3718	Bottling of binders (0.4 l / м2-0.3 l / м2)	т	0,14966
3719	Arrangement of the top layer of coating with a thickness of 5 cm with asphalt concrete mixes ShchMA-15 asphalt paver with a width of 9 m	м2	748,3
3720	Laying of bituminous and rubber tape	м шва	124
	Local estimate 02-014-06 for pavement drainage canvases	-	-
3721	Drilling with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical holes depth of 200 mm, diameter of 80 mm	шт	10
3722	Added or removed for every 10 mm change drilling depth with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical holes with a diameter of 80 mm	шт	-10
3723	Drilling with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical openings 200 mm deep, 52 mm in diameter	шт	10
3724	Laying of pipelines from polyethylene pipes with a diameter of 50 mm	м	3,5
3725	Filling the sinuses with sealant	м3	0,002
3726	Arrangement of drainage blocks	м	78
1		3	4
	Local estimate 02-014-07 for drainage from the bridge	-	-
3727	Installation of drainage pipes	т	0,252
3728	Laying of pipelines from polyethylene pipes diameter 160 mm with hydraulic test	м	2,4
3729	Laying of pipelines from polyethylene pipes with a diameter of 315 mm	м	60
3730	Installation and disassembly of external inventory suspended scaffolding up to 16 m high	м2 вп	48
	Local estimate 02-014-08 for communication overpass with approaches	-	-
3731	Arrangement of crushed stone preparation	м3	88
3732	Laying of transitional prefabricated slabs and beds in length more than 7 m for conjugation of road bridges i overpasses with embankment	м3	202,92
3733	Arrangement of monolithic concrete joints of bed blocks B30	м3	2
3734	Arrangement of crushed stone preparation for sidewalks and plinth	м3	6,2

3735	Arrangement of monolithic reinforced concrete office passages on the connection	m3	8,24
3736	Installation of embedded parts	T	1,024
	Local estimate 02-014-09 for communication. Earthlings work	-	-
3737	Arrangement of ledges on embankment slopes, soil group 1	m3	315
3738	Soil compaction by pneumatic rammers, group soils 1, 2	m3	4300
3739	Irrigation of compaction soil in embankments with water	m3	2150
	Local estimate 02-014-010 for strengthening cones	-	-
3740	Reinforcement of slopes of the ground with monolithic concrete slabs up to 10 cm thick, B25 MPa-6	m2	170
3741	When strengthening the roadside, monolithic concrete slabs over 10 cm thick add on every 1 cm changes the thickness of the plate	m2	170
3742	Installation of reinforcing mesh	T	0,442
3743	Arrangement of stops at strengthening of earth slopes cloths with monolithic concrete plates, B20 MPa-6	M	6
3744	Arrangement of a stone ribbing	m3	1,4
	Local estimate 02-014-011 for the installation of stairs	-	-
3745	Manual soil development, soil group 1	m3	3,02
3746	Manual area planning, soil group 1	m2	20,1
3747	Arrangement of crushed stone pillows under the foundations	m3	1,05
3748	Arrangement of stairs from monolithic concrete B25 MPa-6	m3	2,89
3749	Installation of fittings	T	0,21437
3750	Installation of embedded parts	T	0,0249
3751	Arrangement of a stop of a ladder concrete B25	m3	0,4
3752	Installation of steel welded handrails on bridges and overpasses	T	0,185
	Local estimate 02-014-012 for painting and corrosion protection of structures	-	-
-	-	-	-
-	<u>Section 1. Anticorrosive coating of sidewalks and plinths</u>	-	-
-	-	-	-
3753	Surface treatment is wit and sandblasting machine capacitive structures up to h m gig	m2	150,45
3754	Dedusting of surfaces	m2	150,45
3755	Grinding of concrete coverings	m2	150,45
3756	Priming of concrete and plastered surfaces	m2	150,45
1		3	4
3757	Sprinkling the surface with sand	m2	150,45
3758	Priming of concrete and plastered surfaces	m2	150,45
3759	Sprinkling the surface with sand	m2	150,45
3760	Priming of concrete and plastered surfaces	m2	150,45
	Section 2. Anticorrosive coating of the pedestrian surface stairwells	-	-
3761	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	m2	20,9
3762	Priming of concrete and plastered surfaces	m2	20,9
3763	Sprinkling the surface with sand	m2	20,9

3764	Priming of concrete and plastered surfaces	m2		20,9
	Section 3. Anticorrosive coating of girder structure	-	-	
3765	Dedusting of surfaces	m2	-	2041,1
3766	Priming of concrete and plastered surfaces	m2		2041,1
3767	Painting of reinforced concrete girder structures bridges / 2 layers /	m2		2041,1
	Section 4. Corrosion protection of supports	-	-	
3768	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	m2	-	570
3769	Dedusting of surfaces	m2		570
3770	Spackling of surfaces	m2		570
3771	Priming of concrete and plastered surfaces	m2		570
3772	Painting of reinforced concrete girder structures bridges / 2 times /	m2		570
	Section 5. Painting of a railing fence of a ladder	-	-	
3773	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	m2	-	25
3774	Dedusting of surfaces	m2		25
3775	Grinding corners, roundings, weld seams	m2		3,75
3776	Dedusting of surfaces	m2		25
3777	Priming of concrete and plastered surfaces	m2		25
3778	Priming of concrete and plastered surfaces	m2		25
3779	Painting of metal primed railings	m2		25
	Local estimate 02-014-013 for complex ancillary construction and POB	-	-	
	Section 1. Entrance to assembly sites	-	-	
3780	Development of soil by bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	m3	-	305
3781	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	m3		305
3782	Plowing the soil with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	m3		305
3783	Development of soil with a load on the car- dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 1	m3		710
3784	Transportation of soil up to 1 km	T		1278
3785	Mechanized area planning, group soils 1	m2		1016,7
3786	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	m3		710
3787	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	m3		710
1		3	4	
3788	Irrigation of compaction soil in embankments with water	m3		355
3789	Arrangement of a layer of a basis from rubble	m3		164

3790	Disassembly of the crushed stone base	M3	164
3791	Loading of bulk materials into vehicles single-bucket excavator, bucket capacity 0.25 m3	M3	164
3792	Transportation of construction waste by dump trucks on distance 30 km	T	278,8
3793	Development of soil with a load on the car- dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 1	M3	710
3794	Transportation of soil up to 1 km	T	1278
3795	79 kW bulldozers [108 hp] with soil movement up to 10 m, soil group 2 / earlier loose soil /	M3	305
3796	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 2	M3	305
3797	Mechanized area planning, group soils 1	M2	1016,7
Section 2. Mounting sites			
3798	Development of soil by bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	M3	714
3799	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	M3	714
3800	Plowing the soil with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	M3	714
3801	Development of soil with a load on the car- dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 1	M3	1200
3802	Transportation of soil up to 1 km	T	2160
3803	Mechanized area planning, group soils 1	M2	2380
3804	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	M3	1200
3805	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	M3	1200
3806	Irrigation of compaction soil in embankments with water	M3	600
3807	Arrangement of a layer of a basis from rubble	M3	480
3808	Arrangement of pavements of temporary roads from prefabricated reinforced concrete slabs up to 3 m2	M3	260,28
3809	Transportation of additional slabs / on site / on distance 30 km	T	488,025
3810	Transportation of additional plates / to the base / at a distance of 30 km	T	488,025
3811	Disassembly of pavements of temporary roads from prefabricated reinforced concrete slabs up to 3 m2	M3	260,28
3812	Transportation of construction waste by dump trucks on distance 30 km	T	162,675
3813	Disassembly of the crushed stone base	M3	480

3814	Transportation of construction waste by dump trucks on distance 30 km	T	816
3815	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 1	M3	1200
3816	Transportation of soil up to 1 km	T	2160
1		3	4
3817	79 kW bulldozers [108 hp] with soil movement up to 10 m, soil group 2 / earlier loose soil /	M3	714
3818	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 2	M3	714
3819	Mechanized area planning, group soils 1	M2	2380
	Section 3. Formwork-scaffolding of overpass supports	-	-
3820	Installation of FBS foundation blocks 24.3.6 / 5-fold turnover /	ШТ	80
3821	(Dismantling) Installation of FBS foundation blocks 24.3.6 / 5-multiple turnover /	ШТ	80
3822	Transportation of construction waste by dump trucks on distance 30 km	T	7,36
3823	Transportation of formwork of scaffolding of overpass supports at a distance of 80 km	T	32,52
3824	Transportation of scrap metal at a distance of 30 km	T	32,52
3825	Arrangement on working floor farms	M2	408
3826	(Dismantling) Arrangement of working flooring on farms	M2	408
3827	Transportation of firewood at a distance of 30 km	T	2,282
	Section 4. Guide frame for driving piles	-	-
3828	Production of a directing framework from inventory metal	T	1,4
3829	Installation and disassembly of the guide frame with inventory metal	T	83
3830	Transportation of scrap metal at a distance of 30 km	T	1,4
	Local estimate 02-015-01 for extreme supports	-	-
3831	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 2	M3	140
3832	Transportation of soil up to 1 km	T	300
3833	Development of soil manually in a dump, group of soils 2	M3	10
3834	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	M3	150
3835	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for each subsequent passage of one track with a layer thickness of 25 cm	M3	150
3836	Irrigation of compaction soil in embankments with water	M3	75

3837	Deepening diesel hammer on the excavator reinforced concrete piles up to 16 m long in soils of group 1	м3	57,96
3838	Cutting of concrete from a reinforcing framework reinforced concrete piles with a cross-sectional area of up to 0.1 m2	паля	36
3839	Arrangement of crushed stone pillows under the grille	м3	8
3840	Arrangement of concrete preparation	м3	2,44
3841	Installation of monolithic grille B25 MPa-6	м3	47,62
3842	Installation of fittings	т	5,26152
3843	Installation of cement screeds 50 mm thick M300	м3	1,98
3844	Construction of monolithic concrete risers B30 / without formwork /	м3	25,92
3845	Installation of fittings	т	3,168
3846	Arrangement of monolithic reinforced concrete nozzles B30 MPa-6 / without formwork /	м3	17,48
3847	Arrangement of drainage of cement mortar on the surface M300 attachments	м3	0,74
3848	Arrangement of monolithic reinforced concrete b30 flaps MPa-6 / without formwork /	м3	5,64
1		3	4
3849	Arrangement of monolithic reinforced concrete cabinet walls of B30 MPa-6 / without formwork /	м3	8,12
3850	Arrangement of monolithic reinforced concrete sub-farmers MPa-6	м3	0,76
3851	Coating waterproofing with bituminous mastic two-layer	м2	300
3852	Transportation of garbage from pile dismantling at a distance of 30 km	т	6,62
	Local estimate 02-015-02 for intermediate supports	-	-
3853	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3,	м3	170
3854	Transportation of soil up to 1 km	т	145,32
3855	Development of soil manually in a dump, group of soils 2	м3	18
3856	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	м3	72,7
3857	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for each subsequent passage of one track with a layer thickness of 25 cm	м3	72,7
3858	Irrigation of compaction soil in embankments with water	м3	36,35
3859	Grounding by soil with bulldozers with a capacity of 79 kW [108 hp] with soil displacement up to 10 m, soil group 2 / formerly loosened soil /	м3	115,34
3860	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 2	м3	115,34
3861	Manual backfill of sinuses near supports, group of soils 2	м3	115,34
3862	Deepening diesel hammer on the excavator reinforced concrete piles up to 16 m long in soils of group 1	м3	67,05
3863	Cutting of concrete from a reinforcing framework reinforced concrete piles with a cross-sectional area of up to 0.1 m2	паля	45

3864	Arrangement of crushed stone pillows under the grille	М3	10,2
3865	Arrangement of concrete preparation	М3	3,3
3866	Arrangement of a monolithic grid of MR-1 B25 MPa-6	М3	59,2
3867	Installation of fittings	Т	5,3073
3868	Arrangement of drainage of cement mortar on the surface grille M300	М3	2,4
3869	Construction of monolithic concrete risers B30 / without formwork /	М3	39,12
3870	Installation of fittings	Т	3,177
3871	Installation of embedded parts	Т	0,4044
3872	Arrangement of monolithic reinforced concrete crossbar R-1 B30 MPa-6	М3	27
3873	Arrangement of drainage of cement mortar on the surface bolt M300	М3	1,08
3874	Arrangement of monolithic reinforced concrete subfarms sites B30 MPa-6	М3	2,28
3875	Coating waterproofing with bituminous mastic two-layer	М2	124
3876	Transportation of natural aggregates that are transported in bulk, by dump trucks to a distance of 30 km	Т	8,27
	Local estimate 02-015-03 for the span structure	-	-
3877	Installation of jib cranes on supports road bridges of reinforced concrete beams girder structures up to 21 m long	ИИТ	20
3878	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	М2	23,4
1		3	4
3879	Grinding of concrete coverings	М2	23,4
3880	Dedusting of the polished surface	М2	23,4
3881	Installation of hinged waterproofing	М2	23,4
3882	Arrangement of a monolithic slab of the span structure B35 MPa-8	М3	142,12
3883	Grinding of concrete surfaces	М2	466,7
3884	Dedusting of the polished surface	М2	693
3885	Installation of sprayed waterproofing three-layer coating (Priming of concrete surface)	М2	482
3886	Dedusting the surface with compressed air	М2	482
3887	Installation of sprayed waterproofing three-layer coating (Waterproofing device)	М2	482
3888	Dedusting the surface with compressed air	М2	482
3889	Installation of sprayed waterproofing three-layer coating (Application of a binder layer)	М2	482
3890	Arrangement of cornice blocks PMKD-MG 06A	М3	5,249
3891	Installation of monolithic reinforced concrete pavement B35 MPa8	М3	53,72
3892	Drilling with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical holes 200 mm deep, 20 mm in diameter	Т	5,372
3893	Laying of pipelines from polyethylene pipes 75 mm in diameter with hydraulic test	М	168,3

3894	Drilling with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical holes 200 mm deep, 20 mm in diameter	шт	543
3895	Added or removed for every 10 mm change drilling depth with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical holes with a diameter of 20 mm	шт	-543
3896	Installation of side stone on bridge structures	м борт	181
3897	Fastening of a side stone with anchors with filling	т	0,42897
3898	Installation of a metal barrier fence	т	14,44
3899	Installation of steel welded handrails on bridges and overpasses	т	9,025
3900	Installation of supporting parts of girder buildings	шт	30
3901	Installation of supporting parts of girder buildings	шт	10
	Local estimate 02-015-04 for the deformation seam	-	-
3902	Arrangement of the filled deformation seam conjugation of girder structures of bridges on highways with framing	м шва	16,8
3903	Arrangement of a monolithic expansion joint with cabinet wall	м3	3,8
3904	Installation of fittings	т	0,3555
	Local estimate 02-015-05 for the carriageway	-	-
3905	Arrangement of the bottom layer of a covering on 10 cm thick from asphalt concrete mixes by the asphalt paver for laying widths of 9 m	м2	466,7
3906	Arrangement of the bottom layer of a covering on 10 cm thick from asphalt concrete mixes asphalt paver, for changes in thickness for every 0.5 cm add to the norms of 27-26-1 - 27-26-4	м2	-466,7
3907	Arrangement of the top layer of coating with a thickness of 5 cm with asphalt mixtures asphalt paver for laying width 9 m	м2	466,7
3908	Arrangement of the top layer of coating with a thickness of 5 cm with asphalt mixtures asphalt paver, for add or remove thickness changes every 0.5 cm to / from norms 27-27-1 - 27-27-4	м2	-466,7
3909	Bottling of binders (0.4 л / м2-0.3 л / м2)	т	0,09334
1		3	4
3910	Laying of bituminous and rubber tape	м шва	181
	Local estimate 02-015-06 for pavement drainage canvases	-	-
3911	Drilling with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical holes depth of 200 mm, diameter of 80 mm	pcs	32

3912	Added or removed for every 10 mm change drilling depth with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical holes with a diameter of 80 mm	pcs	-32
3913	Drilling with ring diamond drills with using coolant / water / in reinforced concrete structures of vertical openings 200 mm deep, 52 mm in diameter	шт	32
3914	Laying of pipelines from polyethylene pipes with a diameter of 50 mm	м	11,2
3915	Filling the sinuses with sealant	м3	0,0064
3916	Arrangement of drainage blocks	м	176,4
	Local estimate 02-015-07 for drainage from overpass	-	-
3917	Installation of drainage pipes	т	1,008
3918	Laying of pipelines from polyethylene pipes diameter 160 mm with hydraulic test	м	9,6
3919	Laying of pipelines from polyethylene pipes with a diameter of 315 mm	м	168
3920	Installation and disassembly of external inventory suspended scaffolding up to 16 m high	м2 вп	168
	Local estimate 02-015-08 for communication overpass with approaches	-	-
3921	Arrangement of crushed stone preparation	м3	23,5
3922	Laying of transitional prefabricated slabs and beds in length more than 7 m for conjugation of road bridges i overpasses with embankment	м3	37,34
3923	Arrangement of monolithic concrete joints of bed blocks B30	м3	0,5
3924	Arrangement of crushed stone preparation for sidewalks and plinth	м3	3,2
3925	Arrangement of reinforced concrete foundation slabs flat	м3	3,84
3926	Installation of embedded parts	т	0,4872
	Local estimate 02-015-09 for communication. Earthlings work	-	-
3927	Arrangement of ledges on embankment slopes, soil group 1	м3	210
3928	Soil compaction by pneumatic rammers, group soils 1, 2	м3	4050
3929	Irrigation of compaction soil in embankments with water	м3	2025
	Local estimate 02-015-010 for strengthening cones	-	-
3930	Reinforcement of slopes of the ground with monolithic concrete slabs up to 10 cm thick, B25 MPa-6	м2	1070
3931	When strengthening the roadside, monolithic concrete slabs over 10 cm thick add on every 1 cm changes the thickness of the plate	м2	1070
3932	Installation of reinforcing mesh	т	2,782
3933	Arrangement of stops at strengthening of earth slopes cloths with monolithic concrete plates, B20 MPa-6	м	111,7
3934	Улаштування кам'яної риберми	м3	25,2

1		3	4
	Local estimate 02-015-011 for the installation of stairs	-	-
3935	Manual soil development, soil group 1	M3	7,2312
3936	Manual area planning, soil group 1	M2	47,9
3937	Arrangement of crushed stone pillows under the foundations	M3	2,54
3938	Arrangement of stairs from monolithic concrete B25 MPa-6	M3	7,04
3939	Installation of fittings	T	0,52156
3940	Installation of embedded parts	T	0,06474
3941	Arrangement of a stop of a ladder concrete B25	M3	0,474
3942	Installation of steel welded handrails on bridges and overpasses	T	0,45
	Local estimate 02-015-012 for painting and corrosion protection of structures	-	-
-	-	-	-
-	<u>Section 1. Anticorrosive coating of sidewalks and plinths</u>	-	-
3943	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	M2	213
3944	Dedusting of surfaces	M2	213
3945	Grinding of concrete coverings	M2	213
3946	Priming of concrete and plastered surfaces	M2	213
3947	Sprinkling the surface with sand	M2	213
3948	Priming of concrete and plastered surfaces	M2	213
3949	Sprinkling the surface with sand	M2	213
3950	Priming of concrete and plastered surfacesm	M2	213
	Section 2. Anticorrosive coating of the pedestrian surface stairwells	-	-
3951	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	M2	21,4
3952	Priming of concrete and plastered surfaces	M2	21,4
3953	Sprinkling the surface with sand	M2	21,4
3954	Priming of concrete and plastered surfaces	M2	21,4
	Section 3. Anticorrosive coating of girder structure	-	-
3955	Dedusting of surfaces	M2	1754
3956	Priming of concrete and plastered surfaces	M2	1754
3957	Painting of reinforced concrete girder structures bridges / 2 layers /	M2	1754
	Section 4. Corrosion protection of supports	-	-
3958	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	M2	254
3959	Dedusting of surfaces	M2	254
3960	Spackling of surfaces	M2	254
3961	Priming of concrete and plastered surfaces	M2	254
3962	Painting of reinforced concrete girder structures bridges / 2 times /	M2	254
	Section 5. Painting of a railing fence of a ladder	-	-
3963	Surface treatment with a sandblasting machine capacitive structures up to 4 m high	M2	46,4
3964	Dedusting of surfaces	M2	46,4

3965	Grinding corners, roundings, weld seams	M2	6,96
3966	Dedusting of surfaces	M2	46,4
3967	Priming of concrete and plastered surfaces	M2	46,4
3968	Priming of concrete and plastered surfaces	M2	46,4
3969	Painting of metal primed railings	M2	46,4
	Local estimate 02-015-013 for complex ancillary construction and POB	-	-
-	-	-	-
1		3	4
	Section 1. Entrance to assembly sites	-	-
3970	Development of soil by bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	M3	460
3971	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	M3	460
3972	Plowing the soil with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	M3	460
3973	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 1	M3	1070
3974	Transportation of soil up to 1 km	T	1926
3975	Mechanized area planning, group soils 1	M2	1140
3976	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	M3	1070
3977	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	M3	1070
3978	Irrigation of compaction soil in embankments with water	M3	535
3979	Arrangement of a layer of a basis from rubble	M3	246
3980	Disassembly of the crushed stone base	M3	246
3981	Loading of bulk materials into vehicles	M3	246
3982	Transportation of construction waste by dump trucks on distance 30 km	T	418,2
3983	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators	M3	1070
3984	Transportation of soil up to 1 km	T	1926
3985	79 kW bulldozers [108 hp] with soil movement up to 10 m, soil group 2 / earlier loose soil /	M3	460
3986	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 2	M3	460
3987	Mechanized area planning, group soils 1	M2	1140
	Section 2. Mounting sites	-	-
-	-	-	-

3988	Development of soil by bulldozers with a capacity of 79 kW	m3	400
3989	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	m3	400
3990	Plowing the soil with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	m3	400
3991	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 1	m3	660
3992	Transport of soil up to 1 km	t	1188
3993	Mechanized area planning, group soils 1	m2	1320
3994	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	m3	660
1		3	4
3995	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	m3	660
3996	Irrigation of compaction soil in embankments with water	m3	330
3997	Arrangement of a layer of a basis from rubble	m3	194
3998	Arrangement of pavements of temporary roads from prefabricated reinforced concrete slabs up to 3 m2	m3	157,68
3999	Transportation of additional slabs / on site / on distance 30 km	t	294,3
4000	Transportation of additional plates /to the base / to the distance of 30 km	t	294,3
4001	Disassembly of road surfaces of temporary roads from precast reinforced concrete slabs with an area of up to 3 m2	m3	157,68
4002	Transportation of construction debris by dump trucks at the distance of 30 km	t	98,55
4003	Disassembly of crushed mandest base	m3	194
4004	Transportation of construction debris by dump trucks at the distance of 30 km	t	329,8
4005	Development of soil with loading on dump trucks by excavators with single-slip diesel on pneumatic wheel drive with a scoop capacity of 0.25 m3, soil group 1	m3	660
4006	Transportation of soil up to 1 km	t	1188
4007	The soil was saturated with bulldozers with a capacity of 79 kW [108 hp] with the movement of the soil up to 10 m, a group of soils 2 / earlier loosen soil /	m3	400
4008	Add for every subsequent 10 m of soil movement [more than 10 m] with bulldozers with a capacity of 79 kW [108 hp], a group of soils 2	m3	400
4009	Area planning in a mechanized way, soil group 1	m2	1320
	Section 3. Formwork-scaffolding of overpass supports	-	-
4010	Installation of foundation blocks FBS 24.3.6 / 5x rotation/	pcs	56

4011	(Dismantling)Installation of foundation blocks FBS 24.3.6 /5-multiple rotation/	pcs	56
4012	Transportation of construction debris by dump trucks at the distance of 30 km	t	5,06
4013	Transportation of formwork of scaffolding supports of the overpass to the distance of 80 km	t	24,7
4014	Arrangement on farms of working flooring	m2	259
4015	(Dismantling)Arrangement of working flooring on farms	m2	259
4016	Transportation of firewood to the distance of 30 km	t	1,456
Section 4. Guide frame for driving fuels			
4017	Production of an inventory metal guide frame	t	1,4
4018	Installation and disassembly of the guide frame made of inventory metal	t	20,3
4019	Transportation of scrap metal to the distance of 30 km Local estimate 02-016-01 for extreme supports	t	1,4
4020	Development of soil with load on cars-dump trucks excavators single-ak diesel on a pneumatic wheel with a 0.25 m3 kov, group of soils 2	m3	320
4021	Transportation of soil up to 1 km	t	480
4022	Development of soil manually in the dump, soil group 2	m3	10
4023	Compaction of the soil by trailer rolls on pneumatic wheel stroke weighing 25 tons for the first pass through the one trace with a layer thickness of 25 cm	m3	240
1		3	4
4024	Compaction of the soil by trailer rolls on pneumatic wheel stroke weighing 25 tons for each subsequent passage one trace with a layer thickness of 25	m3	240
4025	Watering with water of compacting soil in embankment	m3	120
4026	Saturation of soil with bulldozers with a capacity of 79 kW [108 hp.] with soil transfer up to 10 m, soil group 2 /earlier loosen soil/	m3	90
4027	Add for every subsequent 10 m of soil movement [over 10 m] with 79 kW bulldozers [108 hp], group of soils 2	m3	90
4028	Fill manually grooves near supports, soil group 2	m3	90
4029	Arrangement of reinforced concrete drilling fuels diameter 1500 mm in unsustanged water-saturated soils 4 groups by shock rope installation KATO-30 TNS, the length of the fuels is more than 12 to 25 m	m3	378,279
4030	Arrangement of reinforced concrete drilling fuels diameter 1500 mm in unsustified water-saturated soils 1 groups by shock rope installation KATO-30 TNS, the length of the fuels is more than 12 to 25 m	m3	882,651
4031	Installing embedded parts	t	11,696
4032	Transportation of scrap metal to the distance of 30 km	t	0,28
4033	Cutting down concrete from a reinforcing frame reinforced concrete fuels with a cross-sectional area of more than 0.1 m2	pile	32
4034	Transportation of scrap metal to the distance of 30 km	t	45,67

4035	Load of bulk materials into vehicles excavator single-scoop, scoop capacity 0,4 m3	m3	45,24
4036	Transportation of soil up to 1 km	t	1260,93
4037	Arrangement of cushions under the rover	m3	50,8
4038	Arrangement of concrete preparation	m3	17
4039	Arrangement of a monolithic rover V25 MPa-6	m3	341,28
4040	Installation of reinforcement	t	24,7088
4041	Arrangement of cement screeds with a thickness of 50 mm M300	m3	15,92
4042	Construction of monolytic concrete risers V30/without formwork/	m3	101,28
4043	Installation of reinforcement	t	11,532
4044	Arrangement of monolithic reinforced concrete nozzles B30 MPa-6/without formwork/	m3	85,96
4045	Drainage of cement mortar on the surface nozzles M300	m3	6,4
4046	Arrangement of monolithic reinforced concrete of B30 openers MPa-6 /without formwork/	m3	7,2
4047	Arrangement of monolithic cabinet reinforced concrete walls V30 MPa-6 /without formwork/	m3	38,8
4048	Arrangement of monolyt concrete PfP-6	m3	5,42
4049	Coating of the main mastic with a large mastic two-tiered	m2	1287
4050	Transportation of garbage from disassembly of piles at the distance 30 km Local estimate 02-016-02 for intermediate supports	t - -	113,09 - -
4051	Development of soil with load on cars-dump trucks excavators single-ak diesel on a pneumatic wheel with a 0.25 m3 kov, group of soils 2	m3	4875
4052	Transportation of soil up to 1 km	t	7410
4053	Development of soil manually in the dump, soil group 2	m3	130
4054	Compaction of the soil by trailer rolls on pneumatic wheel stroke weighing 25 tons for the first pass through the one trace with a layer thickness of 25 cm	m3	3705
1		3	4
4055	Compaction of the soil by trailer rolls on pneumatic wheel stroke weighing 25 tons for each subsequent passage one trace with a layer thickness of 25 cm	m3	3705
4056	Watering with water of compacting soil in embankment	m3	1852,5
4057	Saturation of soil with bulldozers with a capacity of 79 kW [108 hp.] with soil transfer up to 10 m, soil group 2 /earlier loosen soil/	m3	1300
4058	Add for every subsequent 10 m of soil movement [over 10 m] with 79 kW bulldozers [108 hp], group of soils 2	m3	1300
4059	Fill manually grooves near supports, soil group 2	m3	1300
4060	Arrangement of reinforced concrete drilling fuels diameter 1500 mm in unsustanged water-saturated soils 4 groups by shock rope installation KATO-30 TNS, the length of the fuels is more than 12 to 25 m	m3	1405,86

4061	Arrangement of reinforced concrete drilling fuels diameter 1500 mm in unsustified water-saturated soils 1 groups by shock rope installation KATO-30 TNS, the length of the fuels is more than 12 to 25 m	м3	5450,27
4062	Installing embedded parts	t	71,7552
4063	Transportation of scrap metal to the distance of 30 km	t	0,28
4064	Cutting down concrete from a reinforcing frame reinforced concrete fuels with a cross-sectional area of more than 0.1 m2	pile	208
4065	Transportation of scrap metal to the distance of 30 km	t	282,01
4066	Load of bulk materials into vehicles excavator single-scoop, scoop capacity 0,4 m3	м3	7,78611
4067	Transportation of soil up to 1 km	t	15572,2
4068	Arrangement of cushions under the rover	м3	201,5
4069	Arrangement of concrete preparation	м3	66,3
4070	Arrangement of a monolithic rover V25 MPa-6	м3	1667,4
4071	Installation of reinforcement	t	173,8406
4072	Installing embedded parts	t	2,106
4073	Arrangement of cement screeds with a thickness of 50 mm M300	м3	127,4
4074	Construction of monolytic concrete risers V30/without formwork/	м3	2048,48
4075	Installation of reinforcement	t	186,41168
4076	Installing embedded parts	t	26,63024
4077	Arrangement of mono-concrete crossbar P-1 B30 MPa-6 /without formwork/	м3	645,84
4078	Construction of monolithic reinforced concrete of MPa-6 B30 sub-frameworks	м3	98,28
4079	Coating of the main mastic with a large two-tiered mastic	м2	2405
4080	Transportation of garbage from disassembly of piles at the distance 30 km Local estimate 02-016-03 for the run structure	t -	735,07 -
4081	Installation of console and gateway cranes on supports road bridges reinforced concrete beams run structures up to 33 m long	pcs -	240 -
4082	Installation of arrow cranes on supports road bridges reinforced concrete beams run structures up to 24 m long	pcs	40
4083	Treating the surface with a sandblasin machine in quality structures up to 4 m high	м2	6038,4
4084	Schliffing of concrete coatings	м2	318,3
4085	Dusting of the polished surface	м2	6038,4
4086	Articulated message waterproofing	м2	318,3
4087	Arrangement of a monolithic slab of the run structure of the V35 MPa-8	м3	3469,7
4088	Grinding of concrete surfaces	м2	11600
4089	Dusting of the polished surface	м2	14206
1		3	4
4090	The arrangement of sprayed waterproofing three-layer coating (Priming the concrete surface)	м2	11600
4091	Dusting the surface with compressed air	м2	11600

4092	The arrangement of sprayed waterproofing three-layer coating (Waterproofing arrangement)	m2	11600
4093	Dusting the surface with compressed air	m2	11600
4094	The arrangement of sprayed waterproofing three-layer coating(Applying a connector layer)	m2	11600
4095	Arrangement of ledge blocks PMKD-MG 06A	m3	26,158
4096	Arrangement of monolithic reinforced concrete sidewalk B35 MPa8	m3	597,4
4097	Installing embedded parts	t	61,08
4098	Laying pipelines from polyethylene pipes 100 mm diameter with hydraulic testing	m	1780
4099	Drilling with diamond ring drills with the use of coolant /water/ in the reinforced concrete structures of vertical holes depth 200 mm, diameter 20 mm	pcs	5412
4100	Added or removed for every 10 mm change drilling depths with diamond ring drills with the use of coolant /water/ in the reinforced concrete structures of vertical holes diameter 20 mm	шт	-5412
4101	Arrangement of side stone on bridge structures	m board	1804
4102	Fastening the side stone with anchors with filling	t	4,27548
4103	Installation of metal barrier fence	t	178,9
4104	Installation of static welded railings on bridges and whoops	t	95,6
4105	Installation of support parts of span buildings	pcs	560
	Local estimate 02-016-04 for the deformation seam	-	-
4106	Arrangement of a filled deformation seam contributing to the run structures of bridges on the roads framing	m of seam	191,064
4107	Arrangement of a monolithic deformation seam with closet wall	m3	41,07
4108	Installation of reinforcement	t	6,7135
	Local estimate 02-016-05 on the carriageway	-	-
4109	Arrangement of the bottom layer of the coating with a thickness of 10 cm with asphalt-concrete mixtures with asphalt-laying machine laying width 9 m	m2	11586,9
4110	Arrangement of the bottom layer of the coating with a thickness of 10 cm from asphalt-concrete mixtures with asphalt-laying machine, for changes in thickness for every 0.5 cm add to the norms of 27-26-1 – 27-26-4	m2	-11586,9
4111	Casting of adjoining materials (0,4 l/m2-0,3l/m2)	t	2,31738
4112	Arrangement of the top layer of the coating 5 cm thick with asphalt-concrete mixtures PMA-15 asphalt stacker for the width of laying 9 m	m2	11586,9
4113	Laying bitumen rubber tape	m of seam	1804
	Local estimate 02-016-06 on bridge drainage canvas	-	-
-		-	-

4114	Drilling with diamond ring drills with the use of coolant /water/ in the reinforced concrete structures of vertical holes depth 200 mm, diameter 80 mm	pcs	170
4115	Added or removed for every 10 mm change drilling depths with diamond ring drills with the use of coolant /water/ in the reinforced concrete structures of vertical holes diameter 80 mm	pcs	-170
1		3	4
4116	Drilling with diamond drills with the use of cooling water /water/ in the halls of concrete constructions of vertical holes depth 200 mm, diameter 52 mm	pcs	170
4117	Laying pipelines from polyethylene pipes diameter 50 mm	m	59,5
4118	Filling the grooves with sealed	m3	0,034
4119	Arrangement of drainage units	m	1017,6
	Local estimate 02-016-07 for overpass drainage	-	-
4120	Installation of water pipes	t	7,14
4121	Laying pipelines from polyethylene pipes diameter 160 mm with hydraulic testing	m	68
4122	Laying pipelines from polyethylene pipes diameter 315 mm	m	952
4123	Installation and disassembly of external inventory scaffolding suspended height up to 16 m	m2 vp	880
	Local estimate 02-016-08 for connections overpass with approaches	-	-
4124	Arrangement of crushed preparation	m3	72,4
4125	Laying outer-of-the-back slabs and bedes more than 7 m for the conjugment of road bridges and overpasses with embankment	m3	173,44
4126	Arrangement of monolithic concrete joints of lying blocks V30	m3	2
4127	Arrangement of edementary preparation for sidewalks and pedestals	m3	5,1
4128	Arrangement of monolithic reinforced concrete sidewalk B30	m3	7,76
4129	Installing embedded parts	t	1,02742
	Local estimate 02-016-09 for connections. Excavation Work	-	-
4130	Arrangement of ledge on slopes of embankment, soil group 1	m3	240
4131	Compaction of soil with pneumatic tubes, group soils 1, 2	m3	14100
4132	Watering with water of compacting soil in embankment	m3	7050
	Local estimate 02-016-010 for strengthening cones	-	-
4133	Strengthening of slopes of earthen canvas with monolytic concrete slabs up to 10 cm thick, V25 MPa-6	m2	1910

4134	When the roadside of the earthen canvas is sprinkled with monolytic concrete slabs more than 10 cm thick add to the every 1 cm of plate thickness change	m2	1910
4135	Installation of reinforcement sets	t	4,966
4136	Arrangement of emphasis on the consolidation of earthen slopes	m	180
4137	canvases with monolytic concrete slabs, V20 MPa-6 Arrangement of a stone fish farm	m3	39,6
-	Local estimate 02-016-011 for the arrangement of stairs	-	-
4138	Soil development by hand, soil group 1	m3	6,04
4139	Plan areas by hand, soil group 1	m2	40,1
4140	Arrangement of stone pillows for foundations	m3	5,5
4141	Arrangement of stairs made of monolithic concrete B25 MPa-6	m3	7
4142	Installation of reinforcement	t	0,4492
4143	Installing embedded parts	t	0,0747
4144	Arrangement of stairs concrete B25	m3	0,4
4145	Installation of static welded railings on bridges and whoops	t	0,578
-	Local estimate 02-016-012 for painting and anti-color protection of structures	-	-
1		3	4
-	Section 1. Anti-war coating of sidewalks and plinths	-	-
4146	Treating the surface with a sandblasin machine in quality structures up to 4 m high	m2	2363,2
4147	Dusting surfaces	m2	2363,2
4148	Schliffing of concrete coatings	m2	2363,2
4149	Soiling of concrete and plastered surfaces	m2	2363,2
4150	Sprinkling the surface with sand	m2	2363,2
4151	Soiling of concrete and plastered surfaces	m2	2363,2
4152	Sprinkling the surface with sand	m2	2363,2
4153	Dusting surfaces	m2	2363,2
-	Chapter 2: Anticorrosive coating of the pedestrian surface stairway area	-	-
4154	Treating the surface with a sandblasin machine in quality structures up to 4 m high	m2	30
4155	Soiling of concrete and plastered surfaces	m2	30
4156	Sprinkling the surface with sand	m2	30
4157	Soiling of concrete and plastered surfaces	m2	30
-	Section 3. Anti-current coating of the run structure	-	-
4158	Dusting surfaces	m2	42103
4159	Application of anti-corosive coating /2 times/	m2	42103
-	Section 4. Painting supports	-	-
4160	Treating the surface with a sandblasin machine in quality structures up to 4 m high	m2	5103,1
4161	Dusting surfaces	m2	5103,1
4162	Moisturizing the surface	m2	5103,1
4163	Puttying of concrete surface	m2	5103,1

4164	Dusting surfaces	m2	5103,1
4165	Application of anti-corosive coating /2 times/ Section 5. Painting the railing fence of the stairs	m2	5103,1
-	-	-	-
4166	Cleaning of reinforcement and metal structures by with the help of a sandblasting machine with anti-corosive protection	m2	45
4167	Grinding corners ,roundabers,seams of quarrel	m2	6,75
4168	Dusting surfaces	m2	45
4169	Soiling of concrete and plastered surfaces	m2	45
4170	Soiling of concrete and plastered surfaces	m2	45
-	Local estimate 02-016-013 for complex auxiliary designs and pom	-	-
-	-	-	-
-	Chapter 1: Mounting Sites	-	-
4171	Development of soil by bulldozers with a capacity of 79 kW [108 HP] with soil movement up to 10 m, soil group 1	m3	1980
4172	Add for every subsequent 10 m of soil movement [over 10 m] with 79 kW bulldozers [108 hp], soil group 1	m3	1980
4173	79 kW bulldozers perched [108) hp.] with soil movement up to 10 m, soil group 1	m3	1980
4174	Development of soil with load on cars- dump trucks excavators single-ak diesel on a pneumatic wheel with a 0.25 m3 kov, soil group 1	m3	3500
4175	Transportation of soil up to 1 km	t	6300
4176	Area planning in a mechanized way, group soils 1	m2	9954
1		3	4
4177	Compaction of the soil by trailer rolls on pneumatic wheel stroke weighing 25 tons for the first pass through the one trace with a layer thickness of 25 cm	m3	3500
4178	Compaction of the soil by trailer rolls on pneumatic wheel stroke weighing 25 tons for the first pass through the one trace with a layer thickness of 25 cm	m3	3500
4179	Watering of the ingested soil in embankment	m3	1750
4180	Arrangement of a layer of base from crushed metal	m3	1350
4181	Disassembly of crushed mandest base	m3	1350
4182	Load of bulk materials into vehicles excavator single-scoop, scoop capacity 0,25 m3	m3	1350
4183	Transportation of construction debris by dump trucks to distance 30 km	t	2295
4184	Arrangement of road surfaces of temporary roads with precast reinforced concrete slabs with an area of up to 3 m2	m3	1337,04
4185	Transportation of additional plates /to the site / on the distance 30 km	t	2230,2
4186	Transportation of additional plates /to the base / to the distance 30 km	t	2230,2
4187	Dismantling of road surfaces of temporary roads with precast reinforced concrete slabs with an area of up to 3 m2	m3	1337,04
4188	Transportation of construction debris by dump trucks to distance 30 km	t	835,65

4189	Development of soil with load on cars-dump trucks excavators single-ak diesel on a pneumatic wheel with a 0.25 m3 kov, soil group 1	m3	3500
4190	Transportation of soil up to 1 km	t	6300
4191	The soil was saturated with bulldozers with a capacity of 79 kW [108 hp.] with soil movement up to 10 m, soil group 2 /earlier loosen soil/	m3	1980
4192	Add for every subsequent 10 m of soil movement [over 10 m] with 79 kW bulldozers [108 hp], group of soils 2	m3	1980
4193	Area planning in a mechanized way, group soils 1	m2	9954
-	Section 2. Entrance to the assembly sites (after construction remains as an entrance for operation treatment facilities)	-	-
4194	Development of soil by bulldozers with a capacity of 79 kW [108 HP] with soil movement up to 10 m, soil group 1	m3	4160
4195	Add for every subsequent 10 m of soil movement [over 10 m] with 79 kW bulldozers [108 hp], soil group 1	m3	4160
4196	79 kW bulldozers perched [108 hp.] with soil movement up to 10 m, soil group 1	m3	4160
4197	Development of soil with load on cars-dump trucks excavators single-ak diesel on a pneumatic wheel with a 0.25 m3 kov, soil group 1	m3	14500
4198	Transportation of soil up to 1 km	t	26100
4199	Area planning in a mechanized way, group soils 1	m2	13870
4200	Compaction of the soil by trailer rolls on pneumatic wheel stroke weighing 25 tons for the first pass through the one trace with a layer thickness of 25 cm	m3	14500
4201	Compaction of the soil by trailer rolls on pneumatic wheel stroke weighing 25 tons for the first pass through the one trace with a layer thickness of 25 cm	m3	14500
4202	Watering of the ingested soil in embankment	m3	7250
4203	Arrangement of dividing geosynthetic material	m2	7550
1		3	4
4204	Laying geogrid three-axular	m2	18500
4205	Arrangement of a layer of base from crushed metal	m3	2800
4206	Arrangement of the base of the edibel-sand mixture grader, with a layer thickness of 15 cm	m2	10333
4207	Arrangement of the base of the edibel-sand mixture grader, for changes in thickness by every 1 cm add or remove before/from normal 27-15-1	m2	10333
4208	Arrangement of sand and edebel pillows for Foundations	m3	3100
4209	Installation of the base of granite screenings	m2	4400
4210	Arrangement of road surfaces of temporary roads with precast reinforced concrete slabs with an area of up to 3 m2	m3	479,52

4211	Reverse saturation of the soil with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, group soils 1 /earlier loosen soil/	m3		4160
4212	Add for every subsequent 10 m of soil movement [over 10 m] with 79 kW bulldozers [108 hp], soil group 1	m3		4160
4213	Area planning in a mechanized way, group soils 1	m2		13870
4214	Excavation of earthen structures by the number of centuries-old grasses mechanized way	m2		13870
4215	Watering herbs with water	m2		13870
	Section 3. Pipe arrangement	-	-	
4216	Arrangement of a layer of base from crushed metal	m3	-	67,2
4217	Laying links of one-point round halls and concrete water pipes hole 1 m	m3		45,6
4218	(Dismantling)Laying of links of one-piece circular reinforced concrete culverts with an opening of 1 m	m3		45,6
4219	Transportation of pipes by reinforced concrete transport general purpose at the distance of 30 km	t		118,8
	Section 4. Formwork-scaffolding of overpass supports	-	-	
4220	Installation of foundation blocks FBS 24.3.6/10-fold turnover/	pcs	-	392
4221	(Dismantling)Installation of foundation blocks FBS 24.3.6 /10x the body/	pcs		392
4222	Transportation of construction debris by dump trucks to distance 30 km	t		17,94
4223	Transportation of formwork scaffolding of overpass supports to a distance of 80 km	t		125,48
4224	Transportation of scrap metal to the distance of 30 km	t		125,48
4225	Arrangement on farms of working flooring	m2		2585
4226	(Dismantling)Arrangement of working flooring on farms	m2		2585
4227	Transportation of firewood to the distance of 30 km	t		7,238
	Local estimate 07-01-01 for the transition from MGC to PC2+91,68 Congress No2	-	-	
	Section 1. Earthworks	-	-	
4228	Development of soil by bulldozers with a capacity of 59 kW [80 HP] with soil movement up to 10 m, soil group 1	m3	-	16
4229	Add to each next 10 m ground shift [over 10 m] bulldozers with a capacity of 59 kW [80 hp.] soil group 1 /up to 50 m/	m3		16
4230	Development of soil with load on cars-dump trucks excavators single-ak diesel on track with a scoop capacity of 0.65 [0.5-1] m3, soil group 1	m3		260
4231	Transportation of soil up to 1 km	t		416
1		3	4	
	Section 2. Body Pipe	-	-	
4232	Arrangement of the combigrid 40x40 Q1 R geocomposite layer 156 C	m2	-	230

4233	Arrangement of the lower layer of the cushion of crushed-sand mixture	m3		51
4234	Arrangement of the top layer of sand cushion.	m3		90
4235	Arrangement of metal corrugated pipe MR 200 VT6	m		20,48
4236	Geotextila device with a density of 250 g/m2 in middle of pipe	m2		90
4237	Arrangement of sand and edebel mix in the pipe	m3		12
4238	Arrangement of layered sand sprinkling, koef. seal K=0.98	m3		550
4239	The arrangement of the waterproof layer over the IHL with Geomembranes	m2		127
4240	Arrangement of two layers of geotextila (500 g/m2) for Protection of heomembrane	m2		254
	Chapter 3: Initial Hook	-	-	
4241	Arrangement of stone pillows for foundations	m3	-	0,5
4242	Arrangement of monolithic retaining walls . Concrete B 20	m3		1,46
4243	Installing reinforcement meshes in monolithic Foundations	t		0,11132
4244	Arrangement of reinforcement belt made of monolithic concrete . Concrete B 20	m3		1,6
4245	Installing reinforcement meshes in monolithic Foundations	t		0,15914
4246	Installation of embedded parts weighing up to 5 kg	t		0,024
	Section 4. Incoming Header	-	-	
4247	Arrangement of stone pillows for foundations	m3	-	1
4248	Arrangement of a monolithic portal wall. Concrete B-20	m3		4,64
4249	Installing reinforcement meshes in monolithic Foundations	t		0,378
4250	Arrangement of monolithic Zb. openers Beton B 20	m3		12,86
4251	Installing reinforcement meshes in monolithic Foundations	t		1,01956
	Section 5. Fortification works	-	-	
4252	Fortification of slopes at the entrance with monolithic concrete C16/20, F200, W6, up to 10 cm thick	m2	-	26,88
4253	When sprinkling slopes at the entrance with monolithic concrete C16/20, F200, W6, more than 10 cm thick add to every 1 cm of plate thickness change /up to 8 cm/	m2		-26,88
4254	Installing reinforcement meshes in monolithic Foundations	t		0,11827
4255	Fortification of slopes at the outlet with monolithic concrete C16/20, F200, W6, up to 10 cm thick	m2		35,84
4256	When sprinkling slopes at the outlet with monolithic concrete C16/20, F200, W6, more than 10 cm thick add to every 1 cm of plate thickness change /up to 8 cm/	m2		-35,84
4257	Installing reinforcement meshes in monolithic Foundations	t		0,1577
4258	Arrangement of monolithic stop. Concrete B-20	m		4

4259	Fortification of the inlet tray with concrete B-20, thickness up to 10 cm /horizontal surfaces/	m2	15
4260	When the input tray is reinforced with concrete B-20 , thickness more than 10 cm add to each 1 cm change of thickness plates /up to 12 cm/	m2	15
4261	Installing reinforcement meshes in monolithic Foundations	t	0,066
1		3	4
	Section 6. Other works	-	-
4262	Arrangement of concrete drainage trays type LV - 10.14-13	m	27
4263	Arrangement of corner receiver (400x400) Local estimate 07-01-02 for the transition from MGC to PC4+13,66 Congress No3	pcs	1
-		-	-
-	Section 1. Earthworks	-	-
-		-	-
4264	Development of soil by bulldozers with a capacity of 59 kW [80 HP] with soil movement up to 10 m, soil group 1	m3	35
4265	Add to each next 10 m ground shift [over 10 m] bulldozers with a capacity of 59 kW [80 hp.] soil group 1 /up to 50 m/	m3	35
4266	Development of soil with load on cars-dump trucks excavators single-ak diesel on track with a scoop capacity of 0.65 [0.5-1] m3, soil group 1	m3	260
4267	Transportation of soil up to 1 km	t	429
	Section 2. Body Pipe	-	-
4268	Arrangement of the combigrid 40x40 Q1 R geocomposite layer 156 C	m2	260
4269	Arrangement of the lower layer of the cushion of crushed-sand mixture	m3	41
4270	Arrangement of the top layer of sand cushion	m3	118
4271	Arrangement of metal corrugated pipe MR 200 VT5	m	20,48
4272	Geotextila device with a density of 250 g/m2 in middle of pipe	m2	94,6
4273	Arrangement of sand and edebel mix in the pipe	m3	12
4274	Arrangement of layered sand sprinkling, koef. seal K=0.98	m3	490
4275	The arrangement of the waterproof layer over the IHL with Geomembranes	m2	112
4276	Arrangement of two layers of geotextila (500 g/m2) for Protection of heomembrane	m2	224
	Section 3. Original Title	-	-
4277	Arrangement of stone pillows for foundations	m3	0,3
4278	Arrangement of monolithic retaining walls . Concrete B 20	m3	1,46
4279	Installing reinforcement meshes in monolithic Foundations	t	0,11132

4280	Arrangement of reinforcement belt made of monolithic concrete . Concrete B 20	m3	1,5
4281	Installing reinforcement meshes in monolithic Foundations	t	0,14914
4282	Installation of embedded parts weighing up to 5 kg Section 4. Incoming Header	t	0,0224
-	-	-	-
4283	Arrangement of stone pillows for foundations	m3	0,94
4284	Arrangement of a monolithic portal wall. Concrete B-20	m3	4,17
4285	Installing reinforcement meshes in monolithic Foundations	t	0,34
4286	Arrangement of monolithic Zb. openers Beton B 20	m3	12,86
4287	Installing reinforcement meshes in monolithic Foundations Section 5. Fortification works	t	1,01956
-	-	-	-
4288	Fortification of slopes at the entrance with monolithic concrete C16/20, F200, W6, up to 10 cm thick	m2	33,6
1		3	4
4289	When sprinkling slopes at the entrance with monolithic concrete C16/20, F200, W6, more than 10 cm thick add to every 1 cm of plate thickness change /up to 8 cm/	m2	-33,6
4290	Installing reinforcement meshes in monolithic Foundations	t	0,14784
4291	Fortification of slopes at the outlet with monolithic concrete C16/20, F200, W6, up to 10 cm thick	m2	31,36
4292	When sprinkling slopes at the outlet with monolithic concrete C16/20, F200, W6, more than 10 cm thick add to every 1 cm of plate thickness change /up to 8 cm/	m2	-31,36
4293	Installing reinforcement meshes in monolithic Foundations	t	0,13798
4294	Arrangement of monolithic stop. Concrete B-20	m	3
4295	Fortification of the inlet tray with concrete B-20, thickness up to 10 cm /horizontal surfaces/	m2	18
4296	When the input tray is reinforced with concrete B-20 , thickness more than 10 cm add to each 1 cm change of thickness plates /up to 12 cm/	m2	18
4297	Installing reinforcement meshes in monolithic Foundations Section 6. Other works	t	0,0792
-	-	-	-
4298	Arrangement of concrete drainage trays type LV - 10.14-13	m	27
4299	Arrangement of corner receiver (400x400) Local estimate 07-01-03 for the transition from MGC to PC1+66,82 Congress No6	pcs	1
-	-	-	-
-	Section 1. Earthworks	-	-
-	-	-	-
4300	Development of soil by bulldozers with a capacity of 59 kW [80 HP] with soil movement up to 10 m, soil group 1	m3	19

4301	Add to each next 10 m ground shift [over 10 m] bulldozers with a capacity of 59 kW [80 hp.] soil group 1 /up to 50 m/	m3	19
4302	Development of soil with load on cars- dump trucks excavators single-ak diesel on track with a kovsh capacity of 0.65 [0.5-1] m3, soil group 1	m3	315
4303	Development of soil with load on cars- dump trucks excavators single-ak diesel on track with a kovsh capacity of 0.65 [0.5-1] m3, soil group 1 Section 2. Body Pipe	t	504
-	-	-	-
4304	Arrangement of the combigrid 40x40 Q1 R geocomposite layer 156 C	m2	290
4305	Arrangement of the lower layer of the cushion of crushed- sand mixture	m3	52
4306	Arrangement of the lower layer of the cushion of crushed- sand mixture	m3	115
4307	Arrangement of metal corrugated pipe MR 200 VT6	m	25,28
4308	Geotextila device with a density of 250 g/m2 in middle of pipe	m2	97
4309	Arrangement of sand and edebel mix in the pipe	m3	20
4310	Arrangement of layered sand sprinkling, koef. seal K=0.98	m3	675
4311	The arrangement of the waterproof layer over the IHL with Geomembranes	m2	145
4312	Arrangement of two layers of geotextila (500 g/m2) for Protection of heomembrane Section 3. Incoming Header	m2	290
-	-	-	-
4313	Arrangement of stone pillows for foundations	m3	0,5
4314	Arrangement of monolithic retaining walls . Concrete B 20	m3	1,46
1		3	4
4315	Installing reinforcement meshes in monolithic Foundations	t	0,11132
4316	Arrangement of reinforcement belt made of monolithic Concrete B 20	m3	1,6
4317	Installing reinforcement meshes in monolithic Foundations	t	0,15914
4318	Installation of embedded parts weighing up to 5 kg Section 4. Original Title	t	0,024
-	-	-	-
4319	Arrangement of stone pillows for foundations	m3	1
4320	Arrangement of a monolithic portal wall. Concrete B-20	m3	4,64
4321	Installing reinforcement meshes in monolithic Foundations	t	0,378
4322	Arrangement of monolithic openers Beton B 20	m3	12,86
4323	Installing reinforcement meshes in monolithic Foundations Section 5. Fortification works	t	1,01956
-	-	-	-
4324	Fortification of slopes at the entrance with monolithic concrete C16/20, F200, W6, up to 10 cm thick	m2	26,8

4325	When sprinkling slopes at the entrance with monolithic concrete C16/20, F200, W6, more than 10 cm thick add to every 1 cm of plate thickness change /up to 8 cm/	м2	-26,8
4326	Installing reinforcement meshes in monolithic Foundations	t	0,118
4327	Fortification of slopes at the outlet with monolithic concrete C16/20, F200, W6, up to 10 cm thick	м2	35,84
4328	When sprinkling slopes at the outlet with monolithic concrete C16/20, F200, W6, more than 10 cm thick add to every 1 cm of plate thickness change /up to 8 cm/	м2	-35,84
4329	Installing reinforcement meshes in monolithic Foundations	t	0,1577
4330	Arrangement of monolithic stop. Concrete B-20	м	4
4331	Fortification of the inlet tray with concrete B-20, thickness up to 10 cm /horizontal surfaces/	м2	15
4332	When the input tray is reinforced with concrete B-20 , thickness more than 10 cm add to each 1 cm change of thickness plates /up to 12 cm/	м2	15
4333	Installing reinforcement meshes in monolithic Foundations	t	0,066
	Section 6. Other works	-	-
4334	Arrangement of concrete drainage trays type LV - 10.14-13	м	30
	Local estimate 07-01-04 for the transition from MGC to PC2+74,80 Congress No7	-	-
	Section 1. Earthworks	-	-
4335	Development of soil by bulldozers with a capacity of 59 kW [80 HP] with soil movement up to 10 m, soil group 1	м3	35
4336	Add to each next 10 m ground shift [over 10 m] bulldozers with a capacity of 59 kW [80 hp.] soil group 1 /up to 50 m/	м3	35
4337	Development of soil with load on cars-dump trucks excavators single-ak diesel on track with a kovsh capacity of 0.65 [0.5-1] м3, soil group 1	м3	310
4338	Transportation of soil up to 1 km	t	511,5
	Section 2. Body Pipe	-	-
4339	Arrangement of the combigrid 40x40 Q1 R geocomposite layer 156 C	м2	308,98
1		3	4
4340	Arrangement of the lower layer of the cushion of crushed-sand mixture	м3	50,84
4341	Arrangement of the top layer of sand cushion [pischa]	м3	146
4342	Arrangement of metal corrugated pipe MR 200 VT5	м	25,28
4343	Geotextila device with a density of 250 g/m2 in middle of pipe	м2	127
4344	Arrangement of sand and edebel mix in the pipe	м3	15,2
4345	Arrangement of layered sand sprinkling, koef. seal K=0.98	м3	607

4346	The arrangement of the waterproof layer over the IHL with Geomembranes	m2		138
4347	Arrangement of two layers of geotextila (500 g/m2) for Protection of heomembrane	m2		276
-	Section 3. Incoming Header	-	-	-
4348	Arrangement of stone pillows for foundations	m3	-	0,3
4349	Arrangement of monolithic retaining walls . Concrete B 20	m3		1,46
4350	Installing reinforcement meshes in monolithic Foundations	t		0,11132
4351	Arrangement of reinforcement belt made of monolithic concrete . Concrete B 20	m3		1,5
4352	Installing reinforcement meshes in monolithic Foundations	t		0,14914
4353	Installation of embedded parts weighing up to 5 kg	t		0,0224
-	Section 4. Original Title	-	-	-
4354	Arrangement of stone pillows for foundations	m3	-	0,94
4355	Arrangement of a monolithic portal wall. Concrete B-20	m3		4,17
4356	Installing reinforcement meshes in monolithic Foundations	T		0,34
4357	Arrangement of monolithic openers Beton B 20	m3		12,86
4358	Installing reinforcement meshes in monolithic Foundations	t		1,01956
-	Section 5. Fortification works	-	-	-
4359	Fortification of slopes at the entrance with monolithic concrete C16/20, F200, W6, up to 10 cm thick	m2	-	30,37
4360	When sprinkling slopes at the entrance with monolithic concrete C16/20, F200, W6, more than 10 cm thick add to every 1 cm of plate thickness change /up to 8 cm/	m2		-30,37
4361	Installing reinforcement meshes in monolithic Foundations	T		0,13363
4362	Fortification of slopes at the outlet with monolithic concrete C16/20, F200, W6, up to 10 cm thick	m2		29,71
4363	When sprinkling slopes at the outlet with monolithic concrete C16/20, F200, W6, more than 10 cm thick add to every 1 cm of plate thickness change /up to 8 cm/	m2		-29,71
4364	Installing reinforcement meshes in monolithic Foundations	t		0,13072
4365	Arrangement of monolithic stop. Concrete B-20	M		3
4366	Fortification of the inlet tray with concrete B-20, thickness up to 10 cm /horizontal surfaces/	m2		18
4367	When the input tray is reinforced with concrete B-20 , thickness more than 10 cm add to each 1 cm change of thickness plates /up to 12 cm/	m2		18
4368	Installing reinforcement meshes in monolithic Foundations	t		0,0792
-	Section 6. Other works	-	-	-
-		-	-	-

4369	Arrangement of concrete drainage trays type LV - 10.14-13	м	31
1		3	4
-	Local estimate 07-02-01 on noise protection screen PC 89+11.5-PC90+88.5 (right)	-	-
-	Section 1. FM1 drilling pile 500mm long 3.4m	-	-
-		-	-
4370	Arrangement of drilling fuels with drilling wells in a rotational [a hex] way in soils of group 2, diameter up to 600-1600 mm, length up to 12 m of concrete B25,F150,W 6.	м3	34
4371	Production of reinforcing frames in the arrangement brown injection fuels	t	2,855
4372	Installation of anchor blocks	t	0,86
4373	Installation of embedded parts weighing up to 5 kg	t	0,22
4374	Load of bulk materials into vehicles excavator single-kivshev, kovsh capacity 0,5 m3	м3	34
4375	Transportation of soil up to 1 km	t	57,8
-	Section 2. Monolithic area with a height of 0.5 m, length 2, 5m	-	-
4376	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 1	м3	26,5
4377	Load of bulk materials into vehicles excavator single-scoop, scoop capacity 0,5 m3	м3	13,5
4378	Transportation of soil up to 1 km	t	23
4379	Fill manually trenches, grooves of pits and pits, group soils 1	м3	13
4380	Arrangement of the base for the foundations of the stone	м3	5
4381	Integration of trifling foundations in concrete, with a width of up to 1000 mm[heavy concrete B 25 (M 350), aggregate size more than 40 mm] concrete heavy B 25 (M 350), size filler more than 40 mm	м3	12,5
-	Section 3. Noiseproof screen elements	-	-
4382	Installation noise-cooker screen	м2	708
-	Local estimate 07-02-02 on noise protection screen PC 89+11.5-PC90+88.5 (left)	-	-
-	Section 1. FM1 drilling pile 500mm long 3.4m	-	-
-		-	-
-		-	-
4383	Arrangement of drilling fuels with drilling wells in a rotational [a hex] way in soils of group 2, diameter up to 600-1600 mm, length up to 12 m of concrete B25,F150,W 6.	м3	34
4384	Production of reinforcing frames in the arrangement brown injection fuels	t	2,855
4385	Installation of anchor blocks	t	0,86
4386	Installation of embedded parts weighing up to 5 kg	t	0,22
4387	Load of bulk materials into vehicles excavator single-scoop, scoop capacity 0,5	м3	34
4388	Transportation of soil up to 1 km	t	57,8

	Section 2. Monolithic area with a height of 0.5 m, length 2, 5m	-	-
4389	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 1	м3	26,5
4390	Load of bulk materials into vehicles excavator single-scoop, scoop capacity 0,5 m3	м3	13,5
4391	Transportation of soil up to 1 km	t	23
4392	Fill manually trenches, grooves of pits and pits, group soils 1	м3	13
4393	Arrangement of the base for the foundations of the stone	м3	5
1		3	4
4394	Integration of trifling foundations in concrete, with a width of up to 1000 mm[heavy concrete B 25 (M 350), aggregate size more than 40 mm] concrete heavy B 25 (M 350), size filler more than 40 mm	м3	12,5
	Section 3. Noiseproof screen elements	-	-
4395	Installation noise-cooker screen	м2	708
	Local estimate 07-02-03 on noise protection screen PC 113+30-PC115+07 (right)	-	-
	Section 1. FM1 drilling pile 500mm long 3.4m	-	-
4396	Arrangement of drilling fuels with drilling wells in a rotational [a hex] way in soils of group 2, diameter up to 600-1600 mm, length up to 12 m of concrete B25,F150,W 6.	м3	34
4397	Production of reinforcing frames in the arrangement brown injection fuels	t	2,855
4398	Installation of anchor blocks	t	0,86
4399	Installation of embedded parts weighing up to 5 kg	t	0,22
4400	Load of bulk materials into vehicles excavator single-scoop, scoop capacity 0,5 m3	м3	34
4401	Transportation of soil up to 1 km	T	57,8
	Section 2. Monolithic area with a height of 0.5 m, length 2, 5m	-	-
4402	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 1	м3	26,5
4403	Load of bulk materials into vehicles excavator single-kivshev, kovsh capacity 0,5 m3	м3	13,5
4404	Transportation of soil up to 1 km	T	23
4405	Fill manually trenches, grooves of pits and pits, group soils 1	м3	13
4406	Arrangement of the base for the foundations of the stone	м3	5
4407	Arrangement of string foundations of zalyzobetony, with a width of up to 1000 mm[heavy concrete B 25 (M 350), aggregate size more than 40 mm] concrete heavy B 25 (M 350), size filler more than 40 mm	м3	12,5
	Section 3. Noiseproof screen elements	-	-
4408	Installation of noise-resailable screen	м2	708

	Local estimate 07-02-04 on noise protection screen PC 113+43 -PC 115+20 (left)	-	-
-	Section 1. FM1 drilling pile 500mm long 3.4m	-	-
-		-	-
4409	Arrangement of drilling fuels with drilling wells in a rotational [a hex] way in soils of group 2, diameter up to 600-1600 mm, length up to 12 m of concrete B25,F150,W 6.	m3	34
4410	Production of reinforcing frames in the arrangement brown injection fuels	T	2,855
4411	Installation of anchor blocks	T	0,86
4412	Installation of embedded parts weighing up to 5 kg	T	0,22
4413	Load of bulk materials into vehicles excavator single-kivshev, kovsh capacity 0,5 m3	m3	34
4414	Transportation of soil up to 1 km	T	57,8
	Section 2. Monolithic area with a height of 0.5 m, length 2, 5m	-	-
-		-	-
1		3	4
4415	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 1	m3	26,5
4416	Load of bulk materials into vehicles excavator single-kivshev, kovsh capacity 0,5 m3	m3	13,5
4417	Transportation of soil up to 1 km	T	23
4418	Fill manually trenches, grooves of pits and pits, group soils 1	m3	13
4419	Arrangement of the base for the foundations of the stone	m3	5
4420	Arrangement of string foundations of zalyzobetony, with a width of up to 1000 mm[heavy concrete B 25 (M 350), aggregate size more than 40 mm] concrete heavy B 25 (M 350), size filler more than 40 mm	m3	12,5
	Section 3. Noiseproof screen elements	-	-
4421		m2	708
	Local estimate 07-02-05 on noise protection screen PC 167+00 -PC 174+20 (right)	-	-
-	Section 1. FM1 drilling pile 500mm long 3.7m	-	-
-		-	-
4422	Arrangement of drilling fuels with drilling wells in a rotational [a hex] way in soils of group 2, diameter up to 600-1600 mm, length up to 12 m of concrete B25,F150,W 6.	m3	110,23
4423	Production of reinforcing frames in the arrangement brown injection fuels	T	9,2261
4424	Installation of anchor blocks	T	2,5972
4425	Installation of embedded parts weighing up to 5 kg	T	0,6644
4426	Load of bulk materials into vehicles excavator single-kivshev, kovsh capacity 0,5 m3	m3	110,23
4427	Transportation of soil up to 1 km	T	187,391
	Section 2. Monolithic area with a height of 0.6m, a length of 2.5m	-	-
-		-	-

4428	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 1	м3		98,15
4429	Load of bulk materials into vehicles excavator single-kivshev, kovsh capacity 0,5 m3	м3		49,83
4430	Transportation of soil up to 1 km	т		81,54
4431	Fill manually trenches, grooves of pits and pits, group soils 1	м3		48,32
4432	Arrangement of the base for the foundations of the stone	м3		15,1
4433	Arrangement of string foundations of zalyzobetony, with a width of up to 1000 mm[heavy concrete B 25 (M 350), aggregate size more than 40 mm] concrete heavy B 25 (M 350), size filler more than 40 mm	м3		45,3
-	Section 3. Monolithic area with a height of 0.6 m, length 1, 33m under the door	-	-	-
4434	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 1	м3	-	0,14
4435	Load of bulk materials into vehicles excavator single-kivshev, kovsh capacity 0,5 m3	м3		9
4436	Transportation of soil up to 1 km	т		0,153
4437	Fill manually trenches, grooves of pits and pits, group soils 1	м3		0,05
4438	Arrangement of the base for the foundations of the stone	м3		0,033
1		3		4
4439	Arrangement of string foundations of zalyzobetony, with a width of up to 1000 mm[heavy concrete B 25 (M 350), aggregate size more than 40 mm] concrete heavy B 25 (M 350), size filler more than 40 mm	м3		0,12
4440	Installation of embedded parts weighing more than 5 kg to 10 kg	т		0,006
-	Section 4. Noiseproof screen elements	-	-	-
4441	Installation of noise-resalable screen	м2	-	2885,32
-	Local estimate 07-02-06 on noise protection screen PC 169+50 -PC 183+00 (left)	-	-	-
-	Section 1. FM1 drilling pile 500mm long 3.7m	-	-	-
4442	Arrangement of drilling fuels with drilling wells in a rotational [a hex] way in soils of group 2, diameter up to 600-1600 mm, length up to 12 m of concrete B25,F150,W 6.	м3	-	219,73
4443	Production of reinforcing frames in the arrangement brown injection fuels	т		18,3911
4444	Installation of anchor blocks	т		5,1772
4445	Installation of embedded parts weighing up to 5 kg	т		1,3244
4446	Load of bulk materials into vehicles excavator single-kivshev, kovsh capacity 0,5 m3	м3		219,73
4447	Transportation of soil up to 1 km	т		373,541
-	Section 2. Monolithic area with a height of 0.6 m, length 2, 5m	-	-	-
-		-	-	-

4448	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 1	м3		195
4449	Load of bulk materials into vehicles excavator single-kivshev, kovsh capacity 0,5 m3	м3		99
4450	Transportation of soil up to 1 km	т		162
4451	Fill manually trenches, grooves of pits and pits, group soils 1	м3		96
4452	Arrangement of the base for the foundations of the stone	м3		30
4453	Arrangement of string foundations of zalyzobetony, with a width of up to 1000 mm[heavy concrete B 25 (M 350), aggregate size more than 40 mm] concrete heavy B 25 (M 350), size filler more than 40 mm	м3		90
	Section 3. Monolithic area with a height of 0.6 m, length 1, 33m under the door	-		-
4454	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 1	м3	-	0,14
4455	Load of bulk materials into vehicles excavator single-kivshev, kovsh capacity 0,5 m3	м3		0,09
4456	Transportation of soil up to 1 km	т		0,153
4457	Fill manually trenches, grooves of pits and pits, group soils 1	м3		0,05
4458	Arrangement of the base for the foundations of the stone	м3		0,033
4459	Arrangement of string foundations of zalyzobetony, with a width of up to 1000 mm[heavy concrete B 25 (M 350), aggregate size more than 40 mm] concrete heavy B 25 (M 350), size filler more than 40 mm	м3		0,12
4460	Installation of embedded parts weighing more than 5 kg to 10 kg	т		0,006
	Section 4. Noiseproof screen elements	-		-
4461	Installation of noise-resalable screen	м2	-	5403,96
1		3		4
	Local estimate 07-03-01 for installation work	-		-
	Section 1. Installation of basic road equipment weather stations	-		-
4462	Installation of a distribution cabinet with a base unit weather station, data transmission equipment and power supply on the mast support at a height of up to 10 m weighing up to 10 kg	шт	-	1
4463	Installation of the precipitation measurement sensor on the mast support at a height of up to 10 m weighing up to 3 kg	компле		1
4464	Mounting the visibility and current weather sensor on the mast support at a height of up to 10 m weighing up to 3 kg	компле		1
4465	Installation of a remote road surface condition sensor on the mast support at a height of up to 10 m weighing up to 5 kg	компле		1
4466	Installation of the road surface condition detector in the road covering	шт		2
4467	Installation of a soil condition sensor on the side of the road on the depth of 1.0 m	шт		1

4468	Installation of CCTV cameras on the mast support on the height up to 10 m weighing up to 3 kg Section 2. Installation of road auxiliary equipment weather stations	шт	-	-	2
4469	Installation of a switchge room with transmission equipment data and power supply on the mast at a height up to 10 m. weighing up to 10 kg	шт	-	-	1
4470	Installation of a separate remote surface condition sensor roads on the mast support at a height of up to 10 m weighing up to 5 kg Section 3. Installation of LED road equipment Boards	компле	-	-	1
4471	Installation of LED road boards with equipment on canine support at a height of up to 10 m and weighing up to 400 kg	шт	-	-	2
4472	Installation of the switchboard with equipment on cand support at a height of up to 10 m weighing up to 40 kg Local estimate 07-03-02 on equipment weather stations	шт	-	-	2
-	Section 1. Basic equipment of the road weather station	-	-	-	
-	Section 2. Auxiliary equipment of the road weather station	-	-	-	
-	Section 3. Remotely controlled road board	-	-	-	
-	Local estimate 07-04-01 on Support for the main meteorological equipment of the road weather station PC 171+46 (right)	-	-	-	
-	Section 1. Earthworks	-	-	-	
4473	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a 6-inch capacity of 1 [1-1.2] m3, soil group 1	м3	-	-	5
4474	Transportation of soil up to 1 km	т	-	-	8,5
4475	Work at the dump, soil group 1 Section 2. The foundation is monolithic	м3	-	-	5
4476	Arrangement of drilling fuels with drilling wells in a rotational [a hex] way in soils of group 2, diameter up to 600-1600 mm, length up to 12 m,concrete B25, F150,W6	м3	-	-	1,33
1		3		4	
4477	Production of reinforcing frames in the arrangement brown injection fuels	т	-	-	0,095
4478	Installing anchor bolts when concreting with reinforcement bonds	т	-	-	0,037
4479	Installation of embedded parts weighing more than 5 kg to 10 kg	т	-	-	0,011
4480	Pipe in the formwork of foundations and floors, diameter to 80 mm Section 3. Metal	м	-	-	3,6
4481	Installation of support structures of the standard type	т	-	-	0,49

4482	Production of lattice structures [riser, supports, farms, etc..]	T	0,49
4483	Set up connectors	T	0,045
4484	Installation of the insulator [when robotic at a height of more than 2 to 8 m]	шт	7
	Local estimate 07-04-02 on Opora for additional meteorological equipment of the road 176 PC weather stations (left)	-	-
-	-	-	-
-	Section 1. Earthworks	-	-
-	-	-	-
4485	Development of soil in the dump by excavators "dragline" or "reverse shovel" with a 6-inch capacity of 1 [1-1.2] m3, soil group 1	м3	5
4486	Transportation of soil up to 1 km	T	8,5
4487	Work at the dump, soil group 1	м3	5
	Section 2. The foundation is monolithic	-	-
-	-	-	-
4488	Arrangement of drilling fuels with drilling wells in a rotational [a hex] way in soils of group 2, diameter up to 600-1600 mm, length up to 12 m, concrete B25, F150, W6	м3	1,33
4489	Production of reinforcing frames in the arrangement brown injection fuels	T	0,095
4490	Installing anchor bolts when concreting with reinforcement bonds	T	0,037
4491	Installation of embedded parts weighing more than 5 kg to 10 kg	T	0,011
4492	Pipe in the formwork of foundations and floors, diameter to 80 mm	м	3,6
	Section 3. Metal	-	-
-	-	-	-
4493	Installation of support structures of the standard type	T	0,45
4494	Production of lattice structures [riser, supports, farms, etc..]	T	0,45
4495	Set up connectors	T	0,045
4496	Installation of the insulator [when robotic at a height of more than 2 to 8 m]	шт	7
	Local estimate 07-04-03 on cans support MG1 for LED road board PC166+20 (right)	-	-
-	-	-	-
-	Section 1. Earthworks	-	-
-	-	-	-
4497	Development of soil by hand in trenches with a width of more than 2 m i pited area up to 5 m2 with crumbs at depth of trenches and pits up to 2 m, soil group 2	м3	29
4498	Crumbled otkos pit wood boards	м2	23
4499	Load of bulk materials into vehicles excavator single-kivshev, kovsh capacity 0,5 m3	м3	4
4500	Transportation of soil up to 1 km	T	6,8
1		3	4
4501	Fill by hand trenches, grooves of pits and pits, group soils 2 and the arrangement of berm	м3	25
	Section 2. The foundation is monolithic	-	-

4502	Arrangement of concrete preparation heavy concrete B 7,5 (M 100), aggregate size 20-40mm	M3	-	-	1,1
4503	Arrangement of zalyzobetony foundations of general the purpose of the column with a volume of more than 10 m3 to 25 m3. heavy concrete B 25 (M 350), aggregate size 20-40mm[heavy concrete B 25 (M 350), size aggregate 20-40mm] heavy concrete B 25 (M 350), aggregate size 20-40mm	M3	-	-	8,3
4504	Installing anchor bolts	T	-	-	0,19
4505	Pipe in the formwork of foundations and floors, diameter to 80 mm	M	-	-	4
Section 3. Metal					
4506	Production of lattice structures [riser, supports, farms, etc..]	T	-	-	2,02
4507	Installation of support structures of the standard type	T	-	-	1,1
4508	Installation of the farm	T	-	-	0,92
4509	Set up connectors	T	-	-	0,055
4510	Installation of the insulator [when robotic at a height of more than 2 to 8 m]	III T	-	-	7
Local estimate 07-04-04 on canable support MG1 for LED road board PC181+00 (left)					
Section 1. Earthworks					
4511	Development of soil by hand in trenches with a width of more than 2 m i pited area up to 5 m2 with crumbs at depth of trenches and pits up to 2 m, soil group 2	M3	-	-	43
4512	Crumbled otkos pit wood boards	M2	-	-	28
4513	Load of bulk materials into vehicles excavator single-kivshev, kovsh capacity 0,5 m3	M3	-	-	2
4514	Transportation of soil up to 1 km	T	-	-	3,4
4515	Fill by hand trenches, grooves of pits and pits, group soils 2 and the arrangement of berm	M3	-	-	41
Section 2. The foundation is monolithic					
4516	Arrangement of concrete preparation heavy concrete B 7,5 (M 100), aggregate size 20-40mm	M3	-	-	1,4
4517	Arrangement of zalyzobetony foundations of general the purpose of the column with a volume of more than 10 m3 to 25 m3. heavy concrete B 25 (M 350), aggregate size 20-40mm[heavy concrete B 25 (M 350), size aggregate 20-40mm] heavy concrete B 25 (M 350), aggregate size 20-40mm	M3	-	-	12,4
4518	Installing anchor bolts	T	-	-	0,21
4519	Pipe in the formwork of foundations and floors, diameter to 80 mm	M	-	-	4
Section 3. Metal					
4520	Production of lattice structures [riser, supports, farms, etc..]	T	-	-	2,02
4521	Installation of support structures of the standard type	T	-	-	1,1
4522	Installation of the farm	T	-	-	0,92

4523	Set up connectors	T	0,055
4524	Installation of the insulator [when robotic at a height of more than 2 to 8 m]	шт	7
1		3	4
	Local estimate 07-05-01 on Electricity road weather stations	-	-
-	-	-	-
-	<u>Section 1. Earthworks</u>	-	-
-	-	-	-
4525	Development of soil in the dump by excavators "dragline" or a "reverse shovel" with a 0.5 kov [0.5-0.63] m3, soil group 1	м3	302
4526	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 1	м3	19
4527	Manual finishes, cleaning the bottom and ceilings manually with soil in pits and trenches developed by the mechanized way	м3	3
4528	Bulking of trenches and pits with bulldozers with power 59 kW [80 hp] with soil movement up to 5 m, group soils 2	м3	217
4529	Compaction of soil with pneumatic tubes, group soils 1, 2	м3	217
4530	Arrangement of bezel with one cable in the trench Section 2. laying pipelines	м	1120
-	-	-	-
4531	Tray on installed designs, tray width to 200 mm	м	450
-	Section 3. Cabling	-	-
-	-	-	-
4532	Cable up to 35 kV, which is laid in finished trenches without coatings, weight 1 m to 3 kg	м	563
4533	Cable up to 35 kV, which is laid in finished trenches without coatings, weight 1 m to 1 kg	м	669
4534	Cable up to 35 kV in laid pipes, blocks and boxes, weight 1 m to 3 kg	м	455
4535	Cable up to 35 kV in laid pipes, blocks and boxes, weight 1 m to 1 kg	м	20
4536	Cable up to 35 kV, which is laid on the installed constructions and trays with fastening along the entire length, weight 1 m to 3 kg	м	12
4537	Cable up to 35 kV, which is laid on the installed constructions and trays with fastening along the entire length, weight 1 m to 1 kg	м	16
4538	Cable up to 35 kV, which is laid with fastening overhead staples, weight 1 m to 0.5 kg	м	2
4539	Covering 1-2 cables laid in the trench, signal tape	м тп	1226
-	Section 4. Electrical equipment -0,38kV	-	-
-	-	-	-
4540	Vertical grounder with round steel 16 mm and diameter 14.5mm	шт	16
4541	Horizontal grounder in the trench made of steel headquarters, cross section 160 mm2	м	84
4542	Set the bracket	шт	4

4543	Automatic switch [automatic] one-, two-, three-paul, which is installed on the construction of the or column, current up to 25 A (on the dean rail)	шт	8
4544	Zero wire grounding for VL 0,38-10 kV	шт	9
4545	Terminal pad on a metal structure	шт	6
	Equipment		
	Local estimate 07-06-01 on Installation and connecting equipment	-	-
-	-	-	-
-	<u>Section 1. Installing weighing sensors</u>	-	-
-	-	-	-
4546	Disassembly of asphalt pavements by hand (for WIM sensors)	м3	0,1782
4547	Installing KISTLER sensors	шт	16
1		3	4
4548	Installation of weighing sensors low speed (sensors)	шт	8
4549	Cable up to 35 kV in laid pipes, blocks and boxes, weight 1 m to 1 kg (grounding of weighing sensors)	м	636
4550	Cable up to 35 kV in laid pipes, blocks and boxes, weight 1 m to 1 kg [when robotic at a height of more than 2 to 8 m] (grounding weighing sensors)	м	84
4551	Installation of the temperature sensor and roadside cabinet	комплект	2
4552	Disassembly of asphalt pavements by hand (for piezoelectric sensor)	м3	0,0924
4553	Installing the control device (piezoeletrodatchik)	шт	12
4554	Slicing cracks in asphalt pavement, crevice depth 50 mm for inductive loops	м	167,12
4555	Installation of inductive cable from loops	м	1884
4556	Drilling pits up to 2 m deep drilling crane tractors, soil group 2	ям	24
4557	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 2	м3	36,34
4558	Arrangement of a sandy base for pipelines	м3	3,7512
4559	Arrangement of the well power supply	колодязь	2
4560	Arrangement of pipelines made of polyethylene pipes, more than 2 channels	км	0,38
4561	Cable up to 35 kV in laid pipes, blocks and boxes, weight 1 m to 1 kg (sensor cables)	м	9120
4562	Covering 1-2 cables laid in the trench, signal tape	м тр	256
4563	Installation of pipes according to structures, diometer up to 63 mm [when robotic at a height of more than 2 to 8 m]	м	56
4564	Cable up to 35 kV in laid pipes, blocks and boxes, weight of 1 m up to 1 kg (sensor cables)	м	1344
4565	Fill manually trenches, grooves of pits and pits, group soils 1	м3	32,5888
4566	Transportation of garbage up to 30 km	т	1,0824
	Section 2. Installation of cameras and detection equipment geometrical parameters of vehicles	-	-
-	-	-	-

4567	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 2	м3	29,6667
4568	Arrangement of a sandy base for pipelines	м3	3,0502
4569	Arrangement of pipelines made of polyethylene pipes, more than 2 channels	км	0,228
4570	Cable up to 35 kV in laid pipes, blocks and boxes, weight 1 m to 1 kg	м	1288
4571	Cable up to 35 kV, which is laid on the installed constructs and trays with cladding on turns and in the crown 1 m to 1 kg (camera grounding cable and scanners underground)	м	130
4572	Covering 1-2 cables laid in the trench, signal tape	м тр	128
4573	Fill manually trenches, grooves of pits and pits, group soils 1	м3	26,6165
4574	Installation of pipes according to structures, diameter up to 25 mm	м	254
4575	[when robotic at a height of more than 2 to 8 m] Installation of pipes according to structures, diameter up to 63 mm	м	32
4576	[when robotic at a height of more than 2 to 8 m] Cable up to 35 kV in laid pipes, blocks and boxes, weight 1 m to 1 kg	м	996
4577	Cable up to 35 kV, which is laid on the installed constructs and trays with cladding on turns and in the crown 1 m to 1 kg (camera grounding cable and scanners on the support)	м	208
1		3	4
4578	Installation of cameras and lasers	шт	36
4579	Installation of pipes according to structures, diameter up to 25 mm	м	26
4580	[when robotic at a height of more than 2 to 8 m] (Connect power supplies cameras - ANPR) Cable up to 35 kV in laid pipes, blocks and boxes, weight 1 m to 1 kg (connecting power supply cameras - ANPR)	м	30
	Section 3. Installation of roadside cabinet	-	-
4581	Installation of the weighing controller in motion with the software Providing	пристрій	2
4582	Installation of installation of installation equipment, weight up to 0.015 tons (laptop, tablet)	шт	2
4583	Cable up to 35 kV, which is laid on the installed constructs and trays with cladding on turns and in the crown tracks, weight 1 m to 1 kg (grounding of equipment roadside cabinet on the support)	м	40
	Section 4. Installation of LED road equipment Boards	-	-
4584	Installation of LED road boards with equipment on portal resistance at a height of up to 10 m and weighing up to 400 kg	шт	4
4585	Installation of LED road boards with equipment on canine support at a height of up to 10 m and weighing up to 400 kg	шт	2
4586	Installation of the switchboard with equipment on portal support at a height of up to 10 m weighing up to 40 kg	шт	2

4587	Installation of the switchboard with equipment on cand support at a height of up to 10 m weighing up to 40 kg	шт	2
-	Section 1. EquipmentLocal estimate 07-06-02 for the purchase of equipment	-	-
-	Section 1. Equipment	-	-
-	Local estimate 07-07-01 on RMG1 mounting cameras on PC 117+50,00 (right), PC 148+50, (left)	-	-
-	Section 1. Earthworks	-	-
4588	Development of soil by hand in trenches with a width of more than 2 m i	м3	54,8
4589	Crumbled otkos pit wood boards	м2	53,8
4590	Load of bulk materials into vehicles excavator single-kivshev, kovsh capacity 0,5 m3	м3	5
4591	Transportation of soil up to 1 km	т	8,5
4592	Fill by hand trenches, grooves of pits and pits, group soils 2 and the arrangement of berm	м3	49,8
-	Section 2. The foundation is monolithic	-	-
4593	Arrangement of concrete preparation heavy concrete B 7,5 (M 100), aggregate size 20-40mm	м3	2
4594	Arrangement of zalyzobeArrangement of zalyzobetony foundations of general the purpose of the column with a volume of more than 10 m3 to 25 m3. heavy concrete B 25 (M 350), aggregate size 20- 40mm[heavy concrete B 25 (M 350), size aggregate 20-40mm] heavy concrete B 25 (M 350), aggregate size 20-40mm ony foundations of general the purpose of the column with a volume of more than 10 m3 to 25 m3. heavy concrete B 25 (M 350), aggregate size 20- 40mm[heavy concrete B 25 (M 350), size aggregate 20-40mm] heavy concrete B 25 (M 350), aggregate size 20-40mm	м3	15,4
4595	Installing anchor bolts	т	0,38
4596	Installation of embedded parts weighing more than 20 kg	т	0,11
4597	Pipe in the formwork of foundations, diameter up to 100 mm	м	8
-	Section 3. Metal	-	-
4598	Production of lattice structures [riser, supports, farms, etc..]	т	5,1
1		3	4
4599	Installation of support structures of the standard type	т	2,4
4600	Installation of the farm	т	2,74
-	Local estimate 07-07-02 on RMG2 for LED road variable information board on the PC 126+95 (right), PC 133+30, (left)	-	-
-	Section 1. Earthworks	-	-
4601	Development of soil by hand in trenches with a width of more than 2 m i	м3	58,4

	pited area up to 5 m2 with crumbs at depth of trenches and pits up to 2 m, soil group 2			
4602	Crumbled otkos pit wood boards	m2		55,4
4603	Load of bulk materials into vehicles excavator single-scoop, scoop capacity 0,5 m3	m3		6,4
4604	Transportation of soil up to 1 km	t		10,88
4605	Fill by hand trenches, grooves of pits and pits, group soils 2 and the arrangement of berm	m3		52
	Section 2. The foundation is monolithic		-	-
4606	Arrangement of concrete preparation heavy concrete B 7,5 (M 100), aggregate size 20-40mm	m3	-	2,2
4607	Arrangement of zalyzobetony foundations of general the purpose of the column with a volume of more than 10 m3 to 25 m3. heavy concrete B 25 (M 350), aggregate size 20- 40mm[heavy concrete B 25 (M 350), size aggregate 20-40mm] heavy concrete B 25 (M 350), aggregate size 20-40mm	m3		16,6
4608	Installing anchor bolts	t		0,38
4609	Pipe in the formwork of the foundation, diameter up to 100 mm	m		8
	Section 3. Metal		-	-
4610	Production of lattice structures [riser, supports, farms, etc..]	t	-	3,998
4611	Installation of support structures of the standard type	t		2,2
4612	Installation farms	t		1,84
4613	Installation of embedded parts weighing more than 20 kg	t		0,11
4614	Insulator installation [when working at a height of over 2 to 8 m]	pcs		14
	Local estimate 07-07-03 on MP1 on PC 117+00 (above the right passage), PC 149+00 (above the left passage) for motion weighing system (WIM) equipment		-	-
	Section 1. Earthworks		-	-
4615	Development of soil by hand in trenches with a width of more than 2 m i pited area up to 5 m2 with crumbs at depth of trenches and pits up to 2 m, soil group 2	m3	-	92,6
4616	Crumbled otkos pit wood boards	m2		98,6
4617	Load of bulk materials into vehicles excavator single-scoop, scoop capacity 0,5 m3	m3		11
4618	Transportation of soil up to 1 km	t		18,7
4619	Fill by hand trenches, grooves of pits and pits, group soils 2 and the arrangement of berm	m3		81,6
	Section 2. Monolithic foundation		-	-
4620	Arrangement of concrete preparation heavy concrete B 7,5 (M 100), aggregate size 20-40mm	m3	-	3,6

4621	Arrangement of zalyzobetony foundations of general the purpose of the column with a volume of more than 10 m3 to 25 m3. heavy concrete B 25 (M 350), aggregate size 20-40mm[heavy concrete B 25 (M 350), size aggregate 20-40mm] heavy concrete B 25 (M 350), aggregate size 20-40mm	m3	28
1		3	4
4622	Installing anchor bolts	t	0,56
4623	Pipe in the formwork of the foundation, diameter up to 100 mm Section 3. Metal	m	16
-		-	-
4624	Production of lattice structures [riser, supports, farms, etc..]	t	12,13
4625	Installation of support structures of the standard type	t	7,04
4626	Installation farms	t	5,27
4627	Installation of embedded parts weighing more than 20 kg	t	0,21
4628	Insulator installation [when working at a height of over 2 to 8 m]	pcs	24
-	Local estimate 07-07-04 on PM2 on PC 123+95 (above the right passage), PC 136+30 (above the left passage) for motion weighing system (WIM)	-	-
-	Section 1. Earthworks	-	-
-		-	-
4629	Development of soil by hand in trenches with a width of more than 2 m i pited area up to 5 m2 with crumbs at depth of trenches and pits up to 2 m, soil group 2	m3	102,4
4630	Crumbled otkos pit wood boards	m2	105,4
4631	Load of bulk materials into vehicles excavator single-scoop, scoop capacity 0,5 m3	m3	14,6
4632	Transportation of soil up to 1 km	t	24,82
4633	Transportation of soil up to 1 km	m3	87,8
-	Section 2. The foundation is monolithic	-	-
-		-	-
4634	Arrangement of concrete preparation heavy concrete B 7,5 (M 100), aggregate size 20-40mm	m3	4
4635	Arrangement of zalyzobetony foundations of general the purpose of the column with a volume of more than 10 m3 to 25 m3. heavy concrete B 25 (M 350), aggregate size 20-40mm[heavy concrete B 25 (M 350), size aggregate 20-40mm] heavy concrete B 25 (M 350), aggregate size 20-40mm	m3	31,2
4636	Installing anchor bolts	t	0,56
4637	Pipe in the formwork of the foundation, diameter up to 100 mm Section 3. Metal	m	16
-		-	-
4638	Production of lattice structures [riser, supports, farms, etc..]	t	16,1
4639	Installation of support structures of the standard type	t	8,2
4640	Installation farms	t	5,44
4641	Installation of platforms with flooring and a fence made of sheet, corrugished, sifting and round steel	t	2,64

4642	Installation of embedded parts weighing more than 20 kg	t	0,21
4643	Insulator installation [when working at a height of over 2 to 8 m]	pcs	24
-	Local estimate 07-08-01 on Electricity automatic and mechanical weight fixation equipment Vehicles	-	-
-	Section 1. Earthworks	-	-
-		-	-
4644	Development of soil in the dump by excavators "dragline" or a "reverse shovel" with a 0.5 kov [0.5-0.63] m3, soil group 1	m3	848
4645	Development of soil by hand in trenches up to 2 m deep without fasteners with slopes, soil group 1	m3	54
1		3	4
4646	Manual finishes, cleaning the bottom and ceilings manually with soil in pits and trenches developed by the mechanized way	m3	9
4647	Bulking of trenches and pits with bulldozers with power 59 kW [80 hp] with soil movement up to 5 m, group soils 2	m3	610
4648	Compaction of soil with pneumatic tubes, group soils 1, 2	m3	610
4649	Arrangement of bezel with one cable in the trench Section 2. laying pipelines	m	3340
-		-	-
4650	Arrangement of pipelines from polyethylene pipes to 2 channels	km	0,195
4651	Viniplast pipe on the stems on structures, diameter up to 63 mm Section 3. Cabling	m	4
-		-	-
4652	Cable up to 35 kV, which is laid in finished trenches without coatings, weight 1 m to 3 kg	m	3399
4653	Cable up to 35 kV, which is laid in finished trenches without coatings, weight 1 m to 1 kg	m	142
4654	Cable up to 35 kV in laid pipes, blocks and boxes, mass 1 m to 3 kg	m	121
4655	Cable up to 35 kV in laid pipes, blocks and boxes, mass 1 m to 1 kg	m	30
4656	Cable up to 35 kV, which is laid on the installed constructions and trays with fastening along the entire length, weight 1 m to 3 kg	m	20
4657	Cable up to 35 kV, which is laid on the installed constructions and trays with fastening along the entire length, weight 1 m to 1 kg	m	18
4658	Cable up to 35 kV, which is laid with fastening overhead staples, weight 1 m to 0.5 kg	m	18
4659	Covering 1-2 cables laid in the trench, signal tape Section 4. Electrical equipment -0,38kV	m tr	3580
-		-	-
4660	Vertical grounder made of round steel diameter 16 mm	pcs	30

4661	Horizontal grounder in the trench made of steel headquarters, cross section 160 mm ²	м	60
4662	set the bracket	pcs	6
4663	Automatic switch [automatic] one-, two-, three-paul, which is installed on the construction of the or column, current up to 100 A (on the dean rail)	pcs	2
4664	Automatic switch [automatic] one-, two-, three-paul, which is installed on the construction of the or column, current up to 25 A (on the dean rail)	pcs	12
4665	Zero wire grounding for VL 0,38-10 kV	pcs	12
4666		pcs	14
-	Local estimate 07-08-03 on Connect to wim internet equipment network	-	-
4667	Development of soil in the dump by excavators "dragline" or a "reverse shovel" with a 0.5 kov [0.5-0.63] m ³ , soil group 1 / in the development of trenches /	м3	5028,52
4668	Bulking of trenches and pits with bulldozers with power 59 kW [80 hp] with soil movement up to 5 m, group soils 2	м3	5027,66
4669	Compaction of soil with pneumatic tubes, group soils 1, 2	м3	5027,66
4670	Arrangement of pipelines from polyethylene pipes to 2 channels	км	8,703
1		3	4
4671	Drafting in the case of polyethylene pipes with a meter up to 100 mm	м	0,21
4672	Cabling in the underground sewer, weight 1 m to 1 kg	км	8,283
4673	Installation of fiber optic coupling cable, the number of fibers: 4	coupling	4
4674	Measurement of optical parameters of fiber optical cable with a reflector on the cable site on one side, the number of fibers: 4	drum	3
4675	Measurement of optical parameters of fiber optical cable with a reflexometer after laying, amount of fibers: 4	length	3
4676	Measurement of optical parameters of fiber optical cable with optical testers in two directions on the mounted regeneration site, amount of fibers: 4	plot	4
4677	Measurement of optical parameters of fiber optical cable with a two-direction reflector on the mounted regeneration site, amount of fibers: 4	plot	4
4678	Arrangement of polyethylene wells	well	4
4679	Trim a dimensional column for a link line	pcs	35
4680	Slabs covering one cable laid in the Trench	м	12
4681	Covering 1-2 cables laid in the trench, signal tape	м tr	8283
-	Local estimate 07-09-01 for Earthworks	-	-
-		-	-
-	Section 1. Platform on PC 130+000 (left)	-	-
-		-	-

4682	Plowing of vegetative soil with a load on dump trucks by single-bucket by diesel tracked crawler excavators with a bucket capacity of 1 [1-1,2] m3, soil group 1	m3	6060
4683	Transportation of soil up to 1 km	t	7272
4684	Transportation of soil by dump trucks to the distance of 41 km	t	78742,95
4685	Compaction of soil embankment of earthen cloth uching rolls on pneumatic wheels weighing 25 t for the first request one sludge with a layer thickness of 30 cm	m3	47723
4686	Compaction of the soil by trailer rolls on pneumatic wheel stroke weighing 25 tons for each subsequent passage of one trace with a layer thickness of 30 cm	m3	47723
4687	Watering of the ingested soil with water	m3	23861,5
4688	rengthening of slopes of earthen cloth on the road by the people multi-year herbs mechanized by layer plant soil 15 cm thick / 100% available soil/	m2	2958
4689	Watering herbs with water	m2	2958
	Section 2. Site on PC 130+000 (right)	-	-
4690	Plowing of vegetative soil with a load on dump trucks by single-bucket by diesel tracked crawler excavators with a bucket capacity of 1 [1-1,2] m3, soil group 1	m3	6060
4691	Transportation of soil up to 1 km	t	7272
4692	Transportation of soil by dump trucks to the distance of 41 km	t	48688,2
4693	Compaction of soil embankment of earthen cloth uching rolls on pneumatic wheels weighing 25 t for the first request one sludge with a layer thickness of 30 cm	m3	29508
4694	Compaction of the soil by trailer rolls on pneumatic wheel stroke weighing 25 tons for each subsequent passage of one trace with a layer thickness of 30 cm	m3	29508
4695	Watering of the ingested soil with water	m3	14754
1		3	4
4696	Strengthening of slopes of earthen cloth on the road by the people multi-year herbs mechanized by layer plant soil 15 cm thick / 100% available soil/	m2	2958
4697	Watering herbs with water	m2	2958
	Local estimate 07-09-02 on Toilet	-	-
-		-	-
-	Section 1. Earthworks	-	-
4698	Development of soil in the dump by excavators "dragline" or a "reverse shovel" with a 0.5 kov [0.5-0.63] m3, soil group 1 / in the development of trenches /	m3	142
4699	Manual finishes, cleaning the bottom and ceilings manually with soil in pits and trenches developed by the mechanized way	m3	8
4700	Development of soil by bulldozers with a capacity of 79 kW [108 HP] with soil movement up to 10 m, soil group 2	m3	150

4701	Add for every subsequent 10 m of soil movement [over 10 m] with 79 kW bulldozers [108 hp], group of soils 2	m3	150
4702	Bulking of trenches and pits with bulldozers with power 79 kW [108 hp] with soil movement up to 5 m, group soils 2	m3	84
4703	Add for every subsequent 5 m of soil movement [more than 5 m] for falling asleep trenches and pits 79 kW bulldozers [108 hp], soil group 2	m3	84
4704	Compaction of soil with pneumatic tubes, group soils 1, 2	m3	84
4705	Fill manually trenches, grooves of pits and pits, group soils 1	m3	12
-	Section 2. Foundations	-	-
4706	Arrangement of concrete preparation heavy concrete B 7,5 (M 100), aggregate size 20-40mm	m3	5,4
4707	Arrangement of strip foundations of reinforced concrete, with a width on top up to 1000 mm heavy concrete B 25 (M 350), size of filler more than 40 mm	m3	48,6
4708	Waterproofing of walls, foundations side lubrication bitumen in 2 layers on a comparable surface of the bricks, bricks, concrete	m2	192
-	Section 3. Walls and partitions	-	-
4709	Waterproofing of walls, foundations horizontal pasting in 2 layers	m2	43,4
4710	Walling of the outer walls of brick [ceramic] from thermal insulation plates with a total thickness of 380 mm at floor height up to 4 m	m3	70
4711	Arrangement of concrete preparation heavy concrete B 25 (M 350), aggregate size 20-40mm	m3	8,8
4712	Brick-free partitioning [ceramic] thickness of 1/2 brick at floor height up to 4 m	m2	120
4713	Brick-reinforced partitioning [ceramic] 1/4 of a brick with a floor height of up to 4 m	m2	24,6
4714	Reinforcement of walling and other structures	t	0,01968
4715	Laying switches weighing from 0.3 to 0.7 tons with the largest mass of mounting elements in the building up to 5 tons	pcs	50
-	Section 4. Overlap	-	-
4716	Laying floor slabs with an area of more than 5 m2 with the largest mass of mounting elements up to 5 tons	pcs	10
4717	Installation of embedded parts weighing more than 5 kg to 10 kg	t	0,016
1		3	4
4718	Arrangement of leveling screeds of cement-sand thickness 15 mm	m2	104
4719	Arrangement of leveling screeds of cement-sand on each 1 mm change in thickness	m2	104
4720	Arrangement of waterproofing of the pasting insulate on the gumobitum mastic, first layer	m2	112

4721	Arrangement of waterproofing of the pasting insulate on the gumobitum mastic, next layer	m2	-	-	112
4722	Arrangement of leveling screeds of cement-sand thickness 15 mm	m2	-	-	104
4723	Arrangement of leveling screeds of cement-sand on each 1 mm change in thickness	m2	-	-	104
4724	Arrangement of heat and sound insulation of solid slabs or mat of mineral wool or fiberglass	m2	-	-	104
4725	Arrangement of vapor barrier in one layer	m2	-	-	104
Chapter 5. Roof					
4726	Manufacture of monorails, beams and the like constructions of industrial buildings	T	-	-	4,1
4727	Installation of single beams on the mark up to 25 m weighing 2 tons	T	-	-	4,1
4728	Laying of concrete mix in an overlapping design concrete pumps	m3	-	-	1,8
4729	Installation of embedded parts weighing more than 20 kg	T	-	-	0,72
4730	Installation of a roofing covering from the pro-thinned-out sheet with a building height of up to 25 m	m2	-	-	140
4731	Arrangement of small coverings [firewalls, parapets, overhangs, etc.] of galvanized steel sheet	m2	-	-	30
4732	Installation of suspended gutters	m	-	-	38
4733	Arrangement of wall gutters	m	-	-	15,2
Chapter 6. Slots					
4734	Filling of doorways with ready door blocks up to 2 m2 of metal-plastic in stone walls	m2	-	-	11,7
4735	Installation of door units in outdoor and indoor openings of stone walls, the area of an opening to 3 m2	m2	-	-	25,6
4736	Filling of window apertures with ready blocks up to 1 m2 of metal-plastic in stone walls residential and public buildings	m2	-	-	9,6
4737	Installation of plastic window sills	m	-	-	10
Chapter 7. Porch and ramp					
4738	Development of soil by hand with fastening in trenches up to 2 m wide, up to 2 m deep, soil group 1	m3	-	-	2,8
4739	Digging pits for risers and columns by hand without fasteners, without slopes, up to 0.7 m deep, soil group 1	m3	-	-	0,52
4740	Development of soil by bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	m3	-	-	3,32
4741	Arrangement of the foundation under the foundations of crushed stone	m3	-	-	2,8
4742	Arrangement of concrete preparation heavy concrete B 15 (M 200), the size of the filler is 20-40 mm	m3	-	-	1,7
4743	Arrangement of reinforced concrete foundation slabs flat / heavy concrete B 25 (M350), size filler 20-40mm /	m3	-	-	1,7
4744	Arrangement of coverings from ceramic tiles multicolored on cement mortar	m2	-	-	17
4745	Installation of a metal fence without a handrail on a ramp	m	-	-	7,6
Chapter 8. Finishing works					
-	-	-	-	-	-

4746	Preparation of surfaces from prefabricated elements and plates under painting or wallpapering the ceiling with prefabricated panels	m2	85,8
1		3	4
4747	Simple painting of ceilings on plaster and concrete adhesive solution with surface preparation indoors	m2	28,4
4748	Armstrong Suspended Ceiling Frame Installation	m2	45
4749	Laying of ceiling plates in a framework of a ceiling "Armstrong"	m2	45
4750	Simple plastering with cement-lime or cement mortar on stone and concrete walls by hand	m2	110,8
4751	Improved plastering with cement-lime or cement mortar on stone and concrete walls by hand	m2	125,4
4752	Simple painting of walls on plaster and concrete adhesive solution with surface preparation indoors	m2	88
4753	Simple painting of walls with oil color on plaster and prefabricated structures prepared for painting	m2	145,2
4754	Facing with ceramic glazed tiles wall surfaces with cornices, baseboards and corners brick and concrete tiles in public buildings	m2	188
	Chapter 9. Floors	-	-
4755	Arrangement of underlying concrete layers	m3	10,2
4756	Installation of waterproofing pasting insulation on bituminous mastic, the first layer	m2	67,4
4757	Installation of waterproofing pasting insulation on bituminol mastic, the next layer	m2	67,4
4758	Installation of leveling screeds cement-sand 15 mm thick	m2	85
4759	Installation of leveling screeds cement-sand on every 1 mm thickness change	m2	85
4760	Arrangement of coverings from ceramic tiles multicolored on cement mortar	m2	70
4761	Arrangement of mosaic [terrazzo] thick coatings 20 mm without drawing	m2	15,6
4762	Add or exclude thickness changes every 5 mm mosaic coverings [terrazzo] without drawing and with drawing	m2	15,6
	Chapter 10. Backstage	-	-
4763	Arrangement of the basis of sidewalks from rubble on thicknesses layer of 12 cm	m2	51
4764	Arrangement of asphalt pavement and one-layer sidewalks from cast asphalt concrete mixture with a thickness of 3 cm	m2	51
	Chapter 11. Exterior decoration	-	-
4765	Exterior cladding on the concrete surface of the walls ceramic individual tiles on cement mortar	m2	8,6
4766	Finishing of walls of facades with a metal siding without insulation from scaffolding	m2	290,2
	Local estimate 07-09-03 for Heating and toilet ventilation	-	-

4767	Installation of tidal chambers typical without section irrigation with a capacity of up to 10 thousand m3 / h	камера	2
4768	Installation of air filters [dry] productivity up to 10 thousand m3 / hour	фільтр	2
4769	Installation of heat exchangers weighing up to 0.1 tons	шт	2
4770	Installation of axial fans weighing up to 0.025 tons	шт	2
4771	Installation of control cabinet (automation kit tidal installation)	шт	2
4772	Installation of mufflers	шт	2
4773	Installation of flexible to radial inserts fans	м2	4
4774	Installation of the anemostat	грати	10
1		3	4
4775	Installation of lattices	грати	20
4776	Laying of air ducts from galvanized steel of class H [normal] 0.5 mm thick	м2	17,32
4777	Installation of flame retardant valves	клапан	8
4778	Insulation of flat surfaces with mineral wool mats	м2	1
4779	Installation of convectors	кВт	12
-	Local budget 07-09-04 on Internal Networks toilet	-	-
-	<u>Section 1. Domestic drinking water supply B1</u>	-	-
4780	Laying of water supply pipelines from pressure head high pressure polyethylene pipes external with a diameter of 20 mm with a thermistor connection welding	м	25,2
4781	Laying of water supply pipelines from pressure head high pressure polyethylene pipes external with a diameter of 25 mm with a thermistor connection welding	м	10,2
4782	Laying of water supply pipelines from pressure head high pressure polyethylene pipes external with a diameter of 40 mm with thermistor connection welding	м	5
4783	Installation of water metering units consisting of counter	шт	2
4784	Installation of expansion tanks round and rectangular with a capacity of 0.1 m3	шт	2
4785	Insulation of pipelines by tubes from the made foam rubber, polyethylene	м	40,4
-	Section 2. hot water supply T3	-	-
4786	Laying of water supply pipelines from pressure head high pressure polyethylene pipes external with a diameter of 20 mm with a thermistor connection welding	м	19,4
4787	Installation of capacitive water heaters with a capacity of up to 2 m3	шт	2
4788	Insulation of pipelines by tubes from the made foam rubber, polyethylene	м	19,4
-	Section 3. Household sewerage K1	-	-
-	-	-	-

4789	Laying of sewer pipelines from low-pressure polyethylene pipes with a diameter of 50 mm	М	14,2
4790	Laying of sewer pipelines from low-pressure polyethylene pipes with a diameter of 100 mm	М	33,4
4791	Installation of ladders with a diameter of 50 mm	КОМПЛ.	4
	Section 4. Equipment	-	-
4792	Installation of single washbasins with supply cold and hot water	КОМПЛ.	12
4793	Installation of toilets with a tank directly attached	КОМПЛ.	10
	Local estimate 07-09-05 for Toilet. Networks electric lighting and power supply	-	-
4794	Laying of steel pipes with fastening by waybills brackets, pipe diameter up to 25 mm	М	150
4795	Tightening in laid pipes or metal sleeves wire of the first single-core or multi-core y total braid with a total cross section of up to 2.5 mm2	М	110
1		3	4
4796	Tightening in laid pipes or metal sleeves each subsequent single-core wire or stranded in the total braid total cross section up to 2.5 mm2	М	100
4797	Tightening in laid pipes or metal sleeves wire of the first single-core or multi-core y total braid with a total cross section of up to 6 mm2	М	10
4798	Laying the wire with hidden wiring	М	105
4799	Installation of group lighting panels on structures in the finished niche or on the wall, weighing up to 3 kg	ИИТ	1
4800	Installation of switches, batch switches 2 and 3 poles for current up to 100 A	ИИТ	1
4801	Installation of switches, batch switches 2 and 3 poles for current up to 25 A	ИИТ	17
4802	Installation of a unipolar limiter with a voltage of up to 10 kV, current up to 600 A	ИИТ	3
4803	Installation of lamps for incandescent lamps with hanging on hooks in dusty and damp rooms	ИИТ	20
4804	Installation of lamps with incandescent lamps local lighting	ИИТ	5
4805	Installation of sealed plugs and semi-hermetic	ИИТ	20
4806	Installation of airtight and semi-airtight switches	ИИТ	14
	Local estimate 07-09-06 on the Overpass for technical inspection and repair of vehicles	-	-
	Section 1. Earthworks	-	-
4807	Development of soil in a dump by dragline excavators or "back shovel" with a bucket capacity of 0.5 [0.5-0.63] m3, soil group 1 / in the development of trenches /	М3	274
4808	Finishing by hand, cleaning the bottom and walls by hand with emission of soil in pits and trenches developed mechanized way	М3	12

4809	Development of soil by bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 2	м3	286
4810	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 2	м3	286
4811	Filling trenches and ditches with bulldozers 79 kW [108 hp] with soil movement up to 5 m, group soils 2	м3	176
4812	Add soil movement for every next 5 m [over 5 m] for backfilling trenches and ditches 79 kW bulldozers [108 hp], soil group 2	м3	176
4813	Soil compaction by pneumatic rammers, group soils 1, 2	м3	176
4814	Manual backfilling of trenches, sinuses of ditches and pits, group soils 1	м3	14
	Section 2. Foundations	-	-
4815	Arrangement of concrete preparation heavy concrete 7,5 (M 100), the size of the filler is 20-40 mm	м3	11,8
4816	Arrangement of general reinforced concrete foundations assignment for columns with a volume of more than 3 м3 heavy concrete B 25 (M 350), the size of the aggregate more than 40 mm	м3	116
4817	Installation of embedded parts weighing more than 20 kg	т	0,62
4818	Waterproofing of walls, foundations lateral plastering bituminous in 2 layers on the leveled surface of rubble masonry, brick, concrete	м2	172
1		3	4
	Section 3. Beams	-	-
4819	Arrangement of beams at the height from the support platform up to 6 m at height of beams to 500 mm / concrete heavy In 25 (M350), filler size 20-40 mm /	м3	37
4820	Установлення закладних деталей вагою понад 20 кг	т	2,02
	Section 4. Metal structures	-	-
4821	Production of ladders rectilinear and curvilinear with fence	т	0,42
4822	Installation of straight and curved stairs, fire with a fence	т	0,42
	Local estimate 07-09-07 for Asphalt concrete coating	-	-
4823	Stabilization of the soil base of the subsoil at use of geotextile material	м2	25642
4824	Arrangement of a drainage layer of sand with a thickness of 0.30 m	м3	7692,6
4825	Stabilization of the soil base of the subsoil at use of geotextile material	м2	25642
4826	Arrangement of the base of gravel-sand mixture C-5 motor grader, with a layer thickness of 15 cm	м2	25642

4827	Arrangement of the base of gravel-sand mixture C-5 motor grader, for changes in thickness for every 1 cm add or remove to / from the norm 27-15-1 (up to 0.25 m)	m2	25642
4828	Arrangement of a base layer 15 cm thick with crushed stone sand mixture ShchPS-40 treated with cement M-40 asphalt paver with a laying width of 7 m	m2	25642
4829	Bottling of binders by tar truck 1l / m2	T	18,847
4830	Arrangement of the bottom layer of a covering on 10 cm thick from asphalt concrete mixes by the asphalt paver for laying widths of 7 m	m2	25642
4831	Bottling of binders with a tar truck 0.4 l / m2	T	2,692
4832	Arrangement of the bottom layer of a covering on 10 cm thick from asphalt concrete mixes by the asphalt paver for laying widths of 7 m	m2	25642
4833	Arrangement of the bottom layer of a covering on 10 cm thick from asphalt concrete mixes asphalt paver, for changes in thickness for every 0.5 cm add to the norms of 27-26-1 - 27-26-4	m2	-25642
4834	Bottling of binders with a tar truck 0.4 l / m2	T	2,692
4835	Arrangement of the top layer of coating with a thickness of 5 cm with crushed stone-mastic asphalt concrete mixtures asphalt paver with a width of 7 m	m2	25642
	Local estimate 07-09-08 for Sidewalks and pedestrians tracks	-	-
4836	Arrangement of road troughs with the movement of soil on distance up to 100 m at a trough depth of up to 250 mm	m2	4340
4837	Arrangement of the base of the sidewalks of gravel and sand mixture with a layer thickness of 12 cm	m2	4340
4838	Arrangement of the base of the sidewalks of gravel and sand mixture, for changes in thickness for every 1 cm add or remove to / from the norm 27-17-1	m2	4340
4839	Arrangement of asphalt pavement and two-layer sidewalks, the top layer of fine-grained asphalt concrete mixture with a thickness of 3 cm	m2	4340
4840	Arrangement of asphalt pavement and single-layer sidewalks, for every 0.5 cm change in thickness layer to add or remove to / from norms 27-22-3 - 27-22-4	m2	4340
4841	Installation of concrete side stones on concrete base over 150 mm	M	4540
1		3	4
4842	Installation of concrete side stones on concrete base up to 100 mm	M	7640
4843	Arrangement of tactile tiles using ready-made sand-cement mixture of sidewalks, up to 2 m wide	m2	56
	Local estimate 07-09-09 for Mangal	-	-
		-	-
	<u>Section 1. Earthworks</u>	-	-
		-	-
4844	Digging pits for risers and columns by hand without fasteners, without slopes, up to 0.7 m deep, soil group 1	m3	4

4845	Manual backfilling of trenches, sinuses of ditches and pits, group soils 1	М3		2,56
	Section 2. Foundations	-	-	
4846	Arrangement of the foundation under the foundations of crushed stone	М3	-	0,48
4847	Arrangement of general reinforced concrete foundations assignment for columns with a volume of more than 3 m3 to 5 m3 heavy concrete B 25 (M 350), the size of the aggregate	М3		0,96
4848	Waterproofing of walls, foundations lateral plastering bituminous in 2 layers on the leveled surface of rubble masonry, brick, concrete	М2		8
	Section 3. Metal structures	-	-	
4849	Production of small individual sheets structures weighing up to 0.5 t [brazier, etc.]	Т	-	0,48
4850	Installation of barbecue	Т		0,48
4851	Painting of metal primed surfaces heat-resistant paint	М2		24
	Local estimate 07-09-010 for Landscaping	-	-	
4852	Development of plant soil with a load on dump trucks with one-bucket excavators diesel on a crawler with a bucket capacity of 1	М3	-	3778
4853	Transportation of soil up to 1 km	Т		4533,6
4854	Mechanized preparation of standard places for planting tree seedlings with bare root system in natural soil with adding vegetable soil up to 50%	IIIТ		582
4855	Planting tree seedlings with bare roots system in the pit measuring 0.7x0.7 m	IIIТ		582
4856	Mechanized preparation of standard places for planting shrub seedlings in groups in the natural soil with the addition of vegetable land up to 50%	IIIТ		1042
4857	Planting of seedling bushes in groups in a pit of 0.5x0.5 m	IIIТ		1042
4858	Planting perennial flower beds with a planting density of 1.6 thousand flowers per 100 m2	М2		106
	Local estimate 07-09-011 on Small Architectural forms	-	-	
4859	Installation of gazebos	IIIТ	-	14
4860	Installation of tables, benches, urns and containers	IIIТ		184
	Local estimate 07-09-012 for Fencing site	-	-	
4861	Installation of a metal fence from a grid on metal columns without plinth, up to 2.2 m high	М	-	934
	Local budget 07-09-013 for Organization traffic on the site	-	-	
1		3		4

4862	Installation of road signs on one riser during digging pits are mechanized, one-sided	знак	4
4863	Installation of road signs on one riser during digging pits are mechanized, bilateral	знак	44
4864	Installation of road signs on one riser during digging pits are mechanized, bilateral	знак	2
4865	Manual installation of road sign shields or plates to them with fastening on one riser	щит	2
4866	Arrangement of horizontal road marking 1.14.1, 1.34, 1.35 paint on a stencil marking machine Hofmann 33-HC-1	м2	424,56
	Local budget 07-09-014 on External networks water supply and sewerage (left)	-	-
-	-	-	-
-	<u>Section 1. Domestic drinking water supply B1</u>	-	-
-	-	-	-
4867	Development of soil in a dump by dragline excavators or "backhoe" with a bucket capacity of 0.25 m3, group soils 2	м3	130
4868	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 2	м3	25
4869	Finishing by hand, cleaning the bottom and walls by hand with emission of soil in pits and trenches developed mechanized method	м3	4,7
4870	Transportation of soil up to 30 km	т	40
4871	Work on a dump, group of soils 2-3	м3	130
4872	Filling trenches and ditches with bulldozers 79 kW [108 hp] with soil movement up to 5 m, group soils 2	м3	130
4873	Add for every next 5 m of soil movement [over 5 m] for backfilling trenches and ditches bulldozers with a capacity of 79 kW [108 hp], a group of soils 2 (add 15 m)	м3	130
4874	Manual backfilling of trenches, sinuses of ditches and pits, group soils 2	м3	4
4875	Soil compaction by pneumatic rammers, group soils 1, 2	м3	20,1
4876	Arrangement of a sand base under pipelines	м3	20,1
4877	Laying of pipelines from polyethylene pipes 50 mm in diameter with hydraulic test (case)	м	13,5
4878	Stretching in a case of p / e pipes with a diameter of 100 mm	м	13,5
4879	Laying of pipelines from polyethylene pipes diameter 50 mm with hydraulic test	м	139,5
4880	Flushing without disinfection of pipelines with a diameter 50-65 mm	м	139,5
4881	Flushing with disinfection of pipelines with a diameter 50-65 mm	м	139,5
4882	Arrangement of round wells from precast concrete in dry soils	м3	0,83
	Section 2. Household sewerage K1	-	-
-	-	-	-

4883	Development of soil in a dump by dragline excavators or "backhoe" with a bucket capacity of 0.25 m3, group soils 2	м3	18,1
4884	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 2	м3	6,4
1		3	4
4885	Finishing by hand, cleaning the bottom and walls by hand with emission of soil in pits and trenches developed mechanized method	м3	1,5
4886	Transportation of soil up to 30 km	т	10,24
4887	Work on a dump, group of soils 2-3	м3	18,1
4888	Filling trenches and ditches with bulldozers 79 kW [108 hp] with soil movement up to 5 m, group soils 2	м3	18,1
4889	Add for every next 5 m of soil movement [over 5 m] for backfilling trenches and ditches bulldozers with a capacity of 79 kW [108 hp], a group of soils 2 (add 15 m)	м3	18,1
4890	Manual backfilling of trenches, sinuses of ditches and pits, group soils 2	м3	1,2
4891	Soil compaction by pneumatic rammers, group soils 1, 2	м3	3,6
4892	Arrangement of a sand base under pipelines	м3	3,6
4893	Laying of pipelines from polyethylene pipes diameter 160 mm with hydraulic test	м	9,4
4894	Laying of pipelines from polyethylene pipes with a diameter of 110 mm with hydraulic test	м	6
4895	Laying of pipelines from polyethylene pipes 200 mm in diameter with hydraulic test (case)	м	15,4
4896	Stretching in a case of p / e pipes with a diameter of 200 mm	м	15,4
4897	Flushing without disinfection of pipelines with a diameter 200 mm	м	15,4
4898	Arrangement of round wells from precast concrete in dry soils	м3	0,59
	Local estimate 07-09-015 on External networks water supply and sewerage (right)	-	-
-	-	-	-
-	<u>Section 1. Domestic drinking water supply B1</u>	-	-
-	-	-	-
4899	Development of soil in a dump by dragline excavators or "backhoe" with a bucket capacity of 0.25 m3, group soils 2	м3	275,6
4900	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 2	м3	74,1
4901	Finishing by hand, cleaning the bottom and walls by hand with emission of soil in pits and trenches developed mechanized method	м3	10,4
4902	Transportation of soil up to 30 km	т	118,56

4903	Work on a dump, group of soils 2-3	М3	275,6
4904	Filling trenches and ditches with bulldozers 79 kW [108 hp] with soil movement up to 5 m, group soils 2	М3	275,6
4905	Add for every next 5 m of soil movement [over 5 m] for backfilling trenches and ditches bulldozers with a capacity of 79 kW [108 hp], a group of soils 2 (add 15 m)	М3	275,6
4906	Manual backfilling of trenches, sinuses of ditches and pits, group soils 2	М3	8,2
4907	Soil compaction by pneumatic rammers, group soils 1, 2	М3	68,6
4908	Arrangement of a sand base under pipelines	М3	68,6
4909	Laying of steel water pipes with hydraulic test, pipe diameter 75 mm (case)	М	62
4910	Stretching in a case of steel pipes with a diameter of 100 mm	М	62
1		3	4
4911	Laying of pipelines from polyethylene pipes 50 mm in diameter with hydraulic test (case)	М	13,5
4912	Stretching in a case of p / e pipes with a diameter of 100 mm	М	13,5
4913	Laying of pipelines from polyethylene pipes diameter 50 mm with hydraulic test	М	324,5
4914	Flushing without disinfection of pipelines with a diameter 50-65 mm	М	324,5
4915	Flushing with disinfection of pipelines with a diameter 50-65 mm	М	324,5
4916	Arrangement of round wells from precast concrete in dry soils	М3	0,83
	Section 2. Household sewerage K1	-	-
4917	Development of soil in a dump by dragline excavators or "backhoe" with a bucket capacity of 0.25 m3, group soils 2	М3	18,1
4918	Development of soil with a load on the car- dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 2	М3	6,4
4919	Finishing by hand, cleaning the bottom and walls by hand with emission of soil in pits and trenches developed mechanized method	М3	1,5
4920	Transportation of soil up to 30 km	Т	10,24
4921	Work on a dump, group of soils 2-3	М3	18,1
4922	Filling trenches and ditches with bulldozers 79 kW [108 hp] with soil movement up to 5 m, group soils 2	М3	18,1
4923	Add for every next 5 m of soil movement [over 5 m] for backfilling trenches and ditches bulldozers with a capacity of 79 kW [108 hp], a group of soils 2 (add 15 m)	М3	18,1
4924	Manual backfilling of trenches, sinuses of ditches and pits, group soils 2	М3	1,2

4925	Soil compaction by pneumatic rammers, group soils 1, 2	М3	3,6
4926	Arrangement of a sand base under pipelines	М3	3,6
4927	Laying of pipelines from polyethylene pipes diameter 160 mm with hydraulic test	М	9,4
4928	Laying of pipelines from polyethylene pipes with a diameter of 110 mm with hydraulic test	М	6
4929	Laying of pipelines from polyethylene pipes 200 mm in diameter with hydraulic test (case)	М	15,4
4930	Stretching in a case of p / e pipes with a diameter of 200 mm	М	15,4
4931	Flushing without disinfection of pipelines with a diameter 200 mm	М	15,4
4932	Arrangement of round wells from precast concrete in dry soils	М3	0,59
	Local estimate 07-09-016 on Reservoir-drive V = 50m3 (left-2pcs, right-2pcs)	-	-
-	-	-	-
-	<u>Section 1. Earthworks</u>	-	-
-	-	-	-
4933	Development of soil in a dump by dragline excavators or "backhoe" with a bucket capacity of 0.25 m3, group soils 2	М3	652
4934	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m3, soil group 2	М3	200
4935	Transportation of soil up to 30 km	Т	320
1		3	4
4936	Work on a dump, group of soils 2-3	М3	200
4937	Finishing by hand, cleaning the bottom and walls by hand with emission of soil in pits and trenches developed mechanized method	М3	44
4938	Filling trenches and ditches with bulldozers 79 kW [108 hp] with soil movement up to 5 m, group soils 2	М3	652
4939	Add for every next 5 m of soil movement [over 5 m] for backfilling trenches and ditches bulldozers with a capacity of 79 kW [108 hp], a group of soils 2 (add 15 m)	М3	652
4940	Manual backfilling of trenches, sinuses of ditches and pits, group soils 2	М3	44
4941	Soil compaction by pneumatic rammers, group soils 1, 2	М3	652
	Chapter 2. Bottom	-	-
-	-	-	-
4942	Soil compaction with gravel	М2	120
4943	Arrangement of concrete preparation	М3	16
4944	Arrangement of rectangular sand traps	М3	146,8
	Section 3. Other works	-	-
-	-	-	-
4945	Arrangement of round precast reinforced concrete sewer wells with a diameter of 1.5 m	М3	3,48

4946	Arrangement of round precast reinforced concrete sewer wells with a diameter of 1.5 m	М3	3,48
4947	Installation of ventilation chamber structures	Т	2,724
4948	Laying of pipelines from concrete bell-shaped pipes with a diameter of 300 mm	М	6
4949	Laying of asbestos-cement pipelines pressureless pipes with a diameter of 200 mm	М	16
4950	Installation of deflectors with a diameter of a branch pipe of 400 mm	ИИТ	4
4951	Laying of pipelines from concrete bell-shaped pipes with a diameter of 300 mm	М	6
4952	Installation of light hatch structures	Т	0,092
4953	Installation of cement screeds 20 mm thick	М2	115,2
4954	Add or exclude thickness changes every 5 mm cement screeds	М2	57,6
4955	Installation of waterproofing pasting insulation on bituminous mastic, the first layer	М2	115,2
4956	Installation of waterproofing pasting insulation on bituminol mastic, the next layer	М2	115,2
4957	Installation of cement screeds 20 mm thick	М2	115,2
4958	Add or exclude thickness changes every 5 mm cement screeds	М2	115,2
4959	Arrangement of underlays compacted by rammers crushed stone layers	М3	10
4960	Installation of single-layer asphalt concrete coverings of paths and sidewalks from cast fine-grained asphalt concrete mixture 3 cm thick	М2	100
-	Local estimate 07-09-017 for Electrochemical Protection	-	-
-	-	-	-
-	<u>Section 1. Construction and installation works</u>	-	-
-	-	-	-
4961	Development of soil by hand in trenches up to 2 m deep without fastenings with slopes, group of soils 2 in places that are at a distance of up to 1m from the cables that laid in pipelines or boxes, as well as from water supply and sewerage pipes	М3	11
4962	Manual backfilling of trenches, sinuses of ditches and pits, group soils 1	М3	7
1		3	4
-	Section 2. Materials	-	-
4963	Installing a single packed tread in powdered activator	ИИТ	2
4964	Installation of a control and measuring column metal	ИИТ	2
4965	Arrangement of a bed at one cable in a trench	М	20
4966	Cable up to 35 kV, laid in ready trenches without coatings, weight 1 m to 1 kg	М	100
4967	Arrangement of general reinforced concrete foundations purpose for columns up to 3 м3	М3	0,08
4968	Connecting drainage cables to the pipeline	ИИТ	20
-	Local budget 07-09-018 on the Web power supply	-	-
-	-	-	-

4969	Development of soil in a dump by dragline excavators or "back shovel" with a bucket capacity of 0.5 [0.5-0.63] m ³ , soil group 1	м3	248
4970	Development of soil by hand in trenches up to 2 m deep without fastenings with slopes, group of soils 1	м3	11
4971	Finishing by hand, cleaning the bottom and walls by hand with emission of soil in pits and trenches developed mechanized way	м3	3
4972	Filling trenches and ditches with bulldozers 59 kW [80 hp] with soil movement up to 5 m, group soils 2	м3	176
4973	Soil compaction by pneumatic rammers, group soils 1, 2	м3	176
4974	Arrangement of a bed at one cable in a trench	м	960
4975	Arrangement of pipelines from polyethylene pipes, to 2 channels	км	0,16
4976	Pipe vinyl plastic on ceilings on designs, diameter up to 63 mm	м	20
4977	Cable up to 35 kV, laid in ready trenches without coatings, weight 1 m to 3 kg	м	1181
4978	Cable up to 35 kV in laid pipes, blocks and boxes, weight 1 m to 3 kg	м	180
4979	Cable up to 35 kV, laid according to the established designs and trays with fastening on all length, weight 1 m to 3 kg	м	9
4980	Covering 1-2 cables laid in the trench, signal tape	м тп	980
4981	Installation of a control cabinet	шт	2
4982	Development of soil manually in trenches up to 2 m deep without fastenings with slopes, group of soils 2 under a control case	м3	17,6
4983	Manual backfilling of trenches, sinuses of ditches and pits, group soils 2	м3	16,2
4984	Arrangement of concrete preparation heavy concrete 7,5 (M 100), the size of the filler is 10-20 mm	м3	0,08
4985	Arrangement of general reinforced concrete foundations purpose up to 5 m ³ heavy concrete B 15 (M 200), the size of the filler is 20-40 mm	м3	0,3
4986	Installation of embedded parts weighing more than 5 kg up to 10 kg	т	0,0774
4987	Production of embedded parts	т	0,1548
4988	Installation of a single-pole disconnector with one rod voltage up to 10 kV, current up to 600 A	шт	2
4989	Automatic switch [automatic] one-, two-, three-pole, mounted on the wall structure or columns, current up to 25 A	шт	11
1		3	4
	Local estimate 07-09-020 for Rainstorm sewer K2 (right, left)	-	-
-	-	-	-
-	<u>Section 1. Storm (rain) sewerage K2</u>	-	-
-	-	-	-

4990	Development of soil in a dump by dragline excavators or "back shovel" with a bucket capacity of 0.4 [0.3-0.45] m ³ , soil group 2	m ³	604
4991	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m ³ , soil group 2	m ³	406
4992	Finishing by hand, cleaning the bottom and walls by hand with emission of soil in pits and trenches developed mechanized method	m ³	30,3
4993	Transportation of soil up to 30 km	T	690,2
4994	Manual backfilling of trenches, sinuses of ditches and pits, group soils 2	m ³	9
4995	Filling trenches and ditches with bulldozers 59 kW [80 hp] with soil movement up to 5 m, group soils 1	m ³	595
4996	Arrangement of a sand base under pipelines	m ³	210,4
4997	Laying of pipelines from polyethylene pipes with a diameter of 200 mm with hydraulic test	M	604
4998	Laying of pipelines from polyethylene pipes 250 mm in diameter with hydraulic test	M	200
4999	Flushing without disinfection of pipelines with a diameter 250 mm	M	804
5000	Arrangement of round precast reinforced concrete sewage wells with a diameter of 1 m in dry soils	m ³	2,04
5001	Arrangement of round precast reinforced concrete sewage wells with a diameter of 1 m in dry soils	m ³	1,18
5002	Arrangement of round precast reinforced concrete sewage wells with a diameter of 1 m in dry soils	m ³	2,95
5003	Arrangement of round precast reinforced concrete sewage wells with a diameter of 1 m in dry soils	m ³	3
5004	Arrangement of spillways from the carriageway of longitudinal trays from prefabricated reinforced concrete structures	M	286
	Department 2. Rainwater treatment plants V = 50m ³	-	-
-	-	-	-
-	<u>Section 1. Earthworks</u>	-	-
-	-	-	-
5005	Development of soil in a dump by dragline excavators or "backhoe" with a bucket capacity of 0.25 m ³ , group soils 2	m ³	326
5006	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a pneumatic wheel course with a bucket with a capacity of 0,25 m ³ , soil group 2	m ³	100
5007	Transportation of soil up to 30 km	T	160
5008	Work on a dump, group of soils 2-3	m ³	100
5009	Finishing by hand, cleaning the bottom and walls by hand with emission of soil in pits and trenches developed mechanized method	m ³	22
5010	Filling trenches and ditches with bulldozers 79 kW [108 hp] with soil movement up to 5 m, group soils 2	m ³	326

5011	Add for every next 5 m of soil movement [over 5 m] for backfilling trenches and ditches bulldozers with a capacity of 79 kW [108 hp], a group of soils 2 (add 15 m)	М3	326
5012	Manual backfilling of trenches, sinuses of ditches and pits, group soils 2	М3	22
1		3	4
5013	Soil compaction by pneumatic rammers, group soils 1, 2	М3	326
	Chapter 2. Bottom	-	-
5014	Soil compaction with gravel	М2	60
5015	Arrangement of concrete preparation	М3	8
5016	Arrangement of rectangular sand traps	М3	73,4
	Section 3. Other works	-	-
5017	Arrangement of round precast reinforced concrete sewer wells with a diameter of 1.5 m	М3	1,74
5018	Arrangement of round precast reinforced concrete sewer wells with a diameter of 1.5 m	М3	1,74
5019	Installation of ventilation chamber structures	Т	1,362
5020	Laying of pipelines from concrete bell-shaped pipes with a diameter of 300 mm	М	3
5021	Laying of asbestos-cement pipelines pressureless pipes with a diameter of 200 mm	М	8
5022	Installation of deflectors with a diameter of a branch pipe of 400 mm	ИИТ	2
5023	Laying of pipelines from concrete bell-shaped pipes with a diameter of 300 mm	М	3
5024	Installation of light hatch structures	Т	0,046
5025	Installation of cement screeds 20 mm thick	М2	57,6
5026	Add or exclude thickness changes every 5 mm cement screeds	М2	57,6
5027	Installation of waterproofing pasting insulation on bituminous mastic, the first layer	М2	57,6
5028	Installation of waterproofing pasting insulation on bituminol mastic, the next layer	М2	57,6
5029	Installation of cement screeds 20 mm thick	М2	57,6
5030	Add or exclude thickness changes every 5 mm cement screeds	М2	115,2
5031	Arrangement of underlays compacted by rammers crushed stone layers	М3	5
5032	Installation of single-layer asphalt concrete coverings of paths and sidewalks from cast fine-grained asphalt concrete mixture 3 cm thick	М2	50
	Local estimate 07-010-01 for the well	-	-
		-	-
	<u>Section 1. Drilling works</u>	-	-
		-	-
5033	Rotary drilling of wells with direct flushing installations with a diesel engine drilling depth up to 100 m in soils of group 2	М	80

5034	Free descent or raising of casing [superfilter pipes] in pipes of larger diameter at drilling rotary installations and units on the base cars with a capacity of 12.5 tons	м	80
5035	Cementation of the annulus with a set of drilling rigs equipment and cementing plant at cost dry mixture per 1 m of cementing part of the well up to 400 kg or more than 400 kg by rotary drilling installations, depth of landing of the cemented column, up to 100 m	колона	1
5036	Installation of the filter on a column of water-lifting pipes at rotary drilling at depth of wells to 500 m	м труб	6
5037	Arrangement of the head	колодязь	1
5038	Installation of the hatch	шт	1
5039	Installation of steel latches or check valves with a diameter of 50 mm	шт	7
	Section 2. Installation of equipment	-	-
-	-	-	-
1		3	4
5040	Installation of an artesian pump	шт	1
5041	Laying of pipelines from polyethylene pipes diameter 50 mm with hydraulic test	м	70
5042	Installation of manometers	комплект	1
5043	Installation of the VU-6.3-85 installation with the hydroaccumulator for water supply	шт	1
5044	Relay maximum, minimum, zero, intermediate, time, productivity	шт	1
	Local estimate 07-010-03 for fencing	-	-
-	-	-	-
5045	Installation of a metal fence from a grid on reinforced concrete columns without plinth, up to 1.2 m high (M1B fence type, series 3.017-1)	м	116
5046	Arrangement of double-leaf gates with installation reinforced concrete columns with foundations (gates metal mesh 2 m high, type BM1B)	шт	1
5047	Arrangement of wickets with installation of concrete columns (metal mesh gates 2 m high, type KM1B)	шт	1
	Local estimate 07-011-01 for installation road signs of individual design	-	-
-	-	-	-
-	<u>Section 1. Road signs of individual design on supports over the carriageway</u>	-	-
-	-	-	-
5048	Manually installing road sign shields on cantilever supports	щит	8
5049	Manually installing road sign shields on portal supports	щит	6
	Section 2. Powder berms for road signs individual design on metal risers	-	-
-	-	-	-
5050	Transportation of soil by dump trucks at a distance of 28 km	т	1433,85
5051	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 30 cm	м3	796

5052	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for each subsequent passage of one track with a layer thickness of 30 cm	м3	5572
5053	Irrigation of compaction soil in embankments with water	м3	398
5054	Loading of vegetative soil with loading on dump trucks with one-bucket excavators diesel on a crawler with a bucket capacity of 0,65 [0,5-1] м3, soil group 1	м3	184
5055	Transportation of soil up to 1 km	т	220,8
5056	Surface planning of loose berms mechanized method, soil group 1	м2	198
5057	Strengthening the surface of loose berms by sowing perennial grasses with backfilling of vegetable soil by hand	м2	198
5058	Strengthening the slopes of earthworks by sowing perennial grasses with backfill of vegetable land by hand	м2	968
5059	Watering grass crops with water	м2	968
	Section 3. Road signs of individual design on metal risers	-	-
5060	Development of soil for foundations in the dump excavators "dragline" or "backhoe" with bucket with a capacity of 0.65 [0.5-1] м3, soil group 2	м3	92
5061	Arrangement of the base under the sand foundations	м3	22,3
5062	Arrangement of prefabricated foundations	м3	37,1
5063	Installation of road signs on one riser during digging pits are mechanized, one-sided	знак	2
5064	Installation of road signs on two risers during digging pits are mechanized, one-sided	знак	55
1		3	4
5065	Installation of road signs on three risers during digging pits are mechanized, one-sided	знак	4
	Local estimate 07-012-01 on RMG1 on PC 5 + 32 (right), PC 20 + 44 (left)	-	-
-	-	-	-
-	<u>Section 1. Earthworks</u>	-	-
5066	Development of soil by hand in trenches over 2 m wide i pits with a cross-sectional area of up to 5 м2 with fasteners at depth of trenches and ditches up to 2 m, soil group 2	м3	50
5067	Fastening of slopes is dug by wooden boards	м2	44
5068	Loading of bulk materials into vehicles single-bucket excavator, bucket capacity 0.5 м3	м3	2
5069	Transportation of soil up to 1 km	т	3,4
5070	Manual backfilling of trenches, sinuses of pits and pits, group soils 2 and berm arrangement	м3	48
	Section 2. The foundation is monolithic	-	-
5071	Arrangement of concrete preparation heavy concrete 7,5 (M 100), the size of the filler is 20-40 mm	м3	1,84
5072	Arrangement of reinforced concrete foundations of general assignment under columns with a volume of more than 10 м3 to 25 м3 [concrete heavy In 25 (M 350), size of aggregate 20-40mm] [heavy concrete B 25 (M 350), size	м3	14,6

5073		T	0,38
	Section 3. Metal structures	-	-
5074	Manufacture of lattice structures [risers, supports, farms, etc.]	T	3,92
5075	Installation of support structures of shelf type	T	1,9
5076	Farm installation	T	2,06
	Local estimate 07-012-02 on RMG2 on PC 89 + 76.00 (right), PC 90 + 24.00 (left)	-	-
		-	-
	Section 1. Earthworks	-	-
5077	Development of soil by hand in trenches over 2 m wide i pits with a cross-sectional area of up to 5 m2 with fasteners at depth of trenches and ditches up to 2 m, soil group 2	M3	68
5078	Fastening of slopes is dug by wooden boards	M2	58
5079	Loading of bulk materials into vehicles single-bucket excavator, bucket capacity 0.5 m3	M3	4
5080	Transportation of soil up to 1 km	T	6,8
5081	Manual backfilling of trenches, sinuses of pits and pits, group soils 2 and berm arrangement	M3	64
	Section 2. The foundation is monolithic	-	-
5082	Arrangement of concrete preparation heavy concrete 7,5 (M 100), the size of the filler is 20-40 mm	M3	2,56
5083	Arrangement of reinforced concrete foundations of general assignment under columns with a volume of more than 10 m3 to 25 m3 [	M3	22,4
5084	concrete heavy In 25 (M 350), size of aggregate 20-40mm] [heavy concrete B 25 (M 350), size aggregate 20-40mm] heavy concrete B 25 (M 350), the size of the filler is 20-40 mm	T	0,34
	Section 3. Metal structures	-	-
5085	Manufacture of lattice structures [risers, supports, farms, etc.]	T	2,62
5086	Installation of support structures of shelf type	T	1,64
1		3	4
5087	Farm installation	T	1,02
	Local estimate 07-012-03 on RMG3 on PC 113 + 94.50 (right), PC 114 + 55.50 (left), PC 171 + 38.00 (right), PC 176 + 14.50 (left)	-	-
		-	-
	Section 1. Earthworks	-	-
5088	Development of soil by hand in trenches over 2 m wide i pits with a cross-sectional area of up to 5 m2 with fasteners at depth of trenches and ditches up to 2 m, soil group 2	M3	128
5089	Fastening of slopes is dug by wooden boards	M2	104
5090	Manual backfilling of trenches, sinuses of pits and pits, group soils 2 and berm arrangement	M3	128
	Section 2. The foundation is monolithic	-	-
5091	Arrangement of concrete preparation heavy concrete 7,5 (M 100), the size of the filler is 20-40 mm	M3	4,96

5092	Arrangement of reinforced concrete foundations of general assignment under columns with a volume of more than 10 m3 to 25 m3 [concrete heavy In 25 (M 350), size of aggregate 20-40mm] [heavy concrete B 25 (M 350), size aggregate 20-40mm] heavy concrete B 25 (M 350), the size of the filler is 20-40 mm	M3		44
5093	Installation of anchor bolts	T		0,52
-	Section 3. Metal structures	-	-	-
5094	Manufacture of lattice structures [risers, supports, farms, etc.]	T	-	3,2
5095	Installation of support structures of shelf type	T		1,8
5096	Farm installation	T		1,44
-	Local estimate 07-012-04 on RMP1 on PC 4 + 75 (above right lane), PC 24 + 00.00 (above left lane)	-	-	-
-	Section 1. Earthworks	-	-	-
5097	Development of soil by hand in trenches over 2 m wide i pits with a cross-sectional area of up to 5 m2 with fasteners at depth of trenches and ditches up to 2 m, soil group 2	M3	-	147,4
5098	Fastening of slopes is dug by wooden boards	M2		126
5099	Manual backfilling of trenches, sinuses of pits and pits, group soils 2 and berm arrangement	M3		139
5100	Loading of bulk materials into vehicles single-bucket excavator, bucket capacity 0.5 m3	M3		8,4
5101	Transportation of soil up to 1 km	T		14,28
-	Section 2. The foundation is monolithic	-	-	-
5102	Arrangement of concrete preparation heavy concrete 7,5 (M 100), the size of the filler is 20-40 mm	M3	-	5,6
5103	Arrangement of reinforced concrete foundations of general assignment under columns with a volume of more than 10 m3 to 25 m3 [concrete heavy In 25 (M 350), size of aggregate 20-40mm] [heavy concrete B 25 (M 350), size aggregate 20-40mm] heavy concrete B 25 (M 350), the size of the filler is 20-40 mm	M3		42,8
5104	Installation of a 20 mm thick concrete saucepan heavy B 25 (M 350), filler size 5-10 mm	M2		4,88
5105	For every 10 mm change the thickness of the sauce add or to exclude to norm 6-9-1 heavy concrete In 25 (M 350), the size of the filler is 5-10 mm	M2		4,88
5106	Installation of anchor bolts	T		0,74
5107	Installation of embedded parts weighing more than 20 kg	T		0,22
-	Section 3. Metal structures	-	-	-
1		3		4
5108	Manufacture of lattice structures [risers, supports, farms, etc.]	T		13,73
5109	Installation of support structures of shelf type	T		8,56
5110	Farm installation	T		5,36
5111	Installation of connecting elements	T		0,06
-	Local estimate 07-012-05 on RMP2 on PC 3 + 25.00 (above the right driveway), PC 16 + 48.00 (above the left passing through)	-	-	-

-	-	-	-
-	<u>Section 1. Earthworks</u>	-	-
5112	Development of soil by hand in trenches over 2 m wide i pits with a cross-sectional area of up to 5 m2 with fasteners at depth of trenches and ditches up to 2 m, soil group 2	м3	94,4
5113	Fastening of slopes is dug by wooden boards	м2	103
5114	Manual backfilling of trenches, sinuses of pits and pits, group soils 2 and berm arrangement	м3	107,4
5115	Loading of bulk materials into vehicles single-bucket excavator, bucket capacity 0.5 m3	м3	13
5116	Transportation of soil up to 1 km	т	22,2
	Section 2. The foundation is monolithic	-	-
5117	Arrangement of concrete preparation heavy concrete 7,5 (M 100), the size of the filler is 20-40 mm	м3	3,64
5118	Arrangement of reinforced concrete foundations of general assignment under columns with a volume of more than 10 m3 to 25 m3 [concrete heavy In 25 (M 350), size of aggregate 20-40mm] [heavy concrete B 25 (M 350), size	м3	28
5119	Installation of a 20 mm thick concrete saucepan heavy B 25 (M 350), filler size 5-10 mm	м2	4,2
5120	For every 10 mm change the thickness of the sauce add or to exclude to norm 6-9-1 heavy concrete In 25 (M 350), the size of the filler is 5-10 mm	м2	4,2
5121	Installation of anchor bolts	т	0,56
	Section 3. Metal structures	-	-
5122	Manufacture of lattice structures [risers, supports, farms, etc.]	т	9,32
5123	Installation of support structures of shelf type	т	5,24
5124	Farm installation	т	4,24
	Local estimate 07-013-01 for the installation of TP10 / 0, 4kV	-	-
5125	Installation of complete transformers substations with a capacity of up to 250 kVA, installation work	шт	3
5126	Installation of reinforced concrete single-post supports with one brace for 0.38 kV and 6-10 kV overhead lines [with traverses]	опора	3
5127	Installation of anchor plates up to 0.2 m3 for 35 kV overhead line pylons	шт	6
5128	Installation of a clamp of typesetting without a cover	шт	90
5129	Installation of a limiter with voltage up to 10 kV, current up to 600 A	шт	9
5130	Fuse installation	шт	9
5131	Accounting board	шт	3
5132	The three-phase counter which is established on ready basis	шт	3
5133	GSM antenna (SMA connector)	шт	3
5134	ETM Purple 3G radio terminal	шт	3
5135	The switching pad	шт	3

5136	Installation of a single-pole disconnecter with one rod voltage up to 10 kV, current up to 600 A	шт	3
1		3	4
5137	Automatic switch [automatic] one-, two-, three-pole, mounted on the wall structure or columns, current up to 100 A	шт	3
5138	Cable up to 35 kV, laid according to the established designs and trays with fastening on turns and in the end tracks, weight 1 m to 1 kg	м	72
5139	Development of soil by hand in trenches up to 2 m deep without fastenings with slopes, group of soils 2	м3	23
5140	Manual backfilling of trenches, sinuses of ditches and pits, group soils 1	м3	23
5141	Vertical earthing switch made of round steel with a diameter of 16 mm	шт	18
5142	The grounding conductor is horizontal in a trench from round steel, diameter 10 mm2	м	153
	Local estimate 07-013-02 for the device power transmission line - 10 kV	-	-
5143	Installation of reinforced concrete single-post supports with one brace for 0.38 kV and 6-10 kV overhead lines [with traverses]	опора	2
5144	Installation of three-pole disconnecter with voltage up to 10 kV, current up to 600 A	шт	2
5145	Installation of the lever drive with one draft	шт	2
5146	Installation of an insulator of basic voltage up to 20 kV	шт	8
5147	Clamp installation	шт	42
5148	Installation of a limiter with voltage up to 10 kV, current up to 600 A	шт	6
5149	Installation of the final epoxy coupling for cable voltage up to 10 kV, cross section of one core up to 70 mm2	шт	2
	Section 1. 10 kV cable line	-	-
5150	Development of soil in a dump by dragline excavators or "back shovel" with a bucket capacity of 0.65 [0.5-1] m3, soil group 2	м3	786
5151	Development of soil manually in trenches up to 2 m deep without fastenings with slopes, group of soils 2	м3	27
5152	Finishing by hand, cleaning the bottom and walls by hand with emission of soil in pits and trenches developed mechanized way	м3	8
5153	Filling trenches and ditches with bulldozers 59 kW [80 hp] with soil movement up to 5 m, group soils 2	м3	550
5154	Arrangement of a bed at one cable in a trench	м	3010
5155	Cable up to 35 kV, laid in ready trenches without coatings, weight 1 m to 3 kg	м	8955
5156	Cable up to 35 kV in laid pipes, blocks and boxes, weight 1 m to 3 kg	м	255
5157	Cable up to 35 kV, laid according to the established designs and trays with fastening on turns and in the end tracks, weight 1 m to 3 kg	м	51

5158	Arrangement of pipelines from polyethylene pipes, to 2 channels	км	0,095
5159	Covering 1-2 cables laid in the trench, signal tape	м тр	3610
5160	Brick covering of one cable laid in trenches	м	35
5161	Installation of the final coupling [set - 3 phases] for the cable voltage of 35 kV	комплект	2
5162	Epoxy coupling installation for cable voltage up to 10 kV, cross section of one core up to 35 mm2	шт	12
5163	Installation of a measuring column for a communication line	шт	12
-	Local estimate 07-013-03 on the external network electric lighting	-	-
-	-	-	-
1		3	4
	Section 1. Earthworks	-	-
5164	Development of soil in a dump by dragline excavators or "back shovel" with a bucket capacity of 0.5 [0.5-0.63] m3, soil group 1	м3	3781
5165	Development of soil by hand in trenches up to 2 m deep without fastenings with slopes, group of soils 1	м3	108
5166	Finishing by hand, cleaning the bottom and walls by hand with emission of soil in pits and trenches developed mechanized way	м3	38
5167	Filling trenches and ditches with bulldozers 59 kW [80 hp] with soil movement up to 5 m, group soils 2	м3	2630
5168	Arrangement of a bed at one cable in a trench	м	14005
	Section 2. Laying of pipelines by the method of puncture and open	-	-
5169	Arrangement of pipelines from polyethylene pipes, to 2 channels	км	1,32
5170	Pipe vinyl plastic on ceilings on designs, diameter up to 63 mm	м	1880
5171	Pipe vinyl plastic on ceilings on designs, diameter up to 50 mm	м	100
5172	Arrangement of underpasses by method horizontal drilling of the first pipe up to 10 m	перехід	3
5173	When arranging underground passages by the method horizontal drilling the first pipe add on every next 5 m	перехід	6
5174	Arrangement of underpasses by method horizontal drilling with the following pipes up to 10 m	перехід	3
5175	When arranging underground passages by the method horizontal drilling the following pipes add for every next 5 m	перехід	6
5176	Arrangement of underpasses by method horizontal drilling of the first pipe up to 10 m	перехід	2
5177	When arranging underground passages by the method horizontal drilling the first pipe add on every next 5 m	перехід	6

5178	Arrangement of underpasses by method horizontal drilling with the following pipes up to 10 m	перехід	2
5179	When arranging underground passages by the method horizontal drilling the following pipes add for every next 5 m	перехід	6
5180	Arrangement of underpasses by method horizontal drilling of the first pipe up to 10 m	перехід	1
5181	When arranging underground passages by the method horizontal drilling the first pipe add on every next 5 m	перехід	4
5182	Arrangement of underpasses by method horizontal drilling with the following pipes up to 10 m	перехід	1
5183	When arranging underground passages by the method horizontal drilling the following pipes add for every next 5 m	перехід	4
5184	Arrangement of underpasses by method horizontal drilling of the first pipe up to 10 m	перехід	1
5185	When arranging underground passages by the method horizontal drilling the first pipe add on every next 5 m	перехід	6
5186	Arrangement of underpasses by method horizontal drilling with the following pipes up to 10 m	перехід	1
5187	When arranging underground passages by the method horizontal drilling the following pipes add for every next 5 m	перехід	6
1		3	4
	Section 3. Cable laying	-	-
5188	Cable up to 35 kV, laid in ready trenches without coatings, weight 1 m to 3 kg	м	383
5189	Cable up to 35 kV, laid in ready trenches without coatings, weight 1 m to 1 kg	м	13046
5190	Cable up to 35 kV in laid pipes, blocks and boxes, weight 1 m to 3 kg	м	115
5191	Cable up to 35 kV in laid pipes, blocks and boxes, weight 1 m to 1 kg	м	5774
5192	Кабель до 35 кВ, що прокладається по установлених конструкціях і лотках з кріпленням по всій довжині, маса 1 м до 3 кг	м	2
5193	Cable up to 35 kV, laid according to the established designs and trays with fastening on all length, weight 1 m to 1 kg	м	974
5194	Cable up to 35 kV, laid with fastening overhead brackets, weight 1 m to 0.5 kg	м	8
5195	Covering 1-2 cables laid in the trench, signal tape	м тр	14693
	Chapter 4. Installation of foundations, lighting poles and lamps	-	-
5196	Arrangement of bored piles with drilling wells by rotating [screw] method y soils of group 2, up to 600-1600 mm in diameter, length up to 12 m	м3	254,31
5197	Production of reinforcing frames during installation borehole injection piles	т	19,11

5198	Installation of anchor bolts when concreting with ties with fittings	т	7,644
5199	Installation of embedded parts weighing more than 5 kg up to 10 kg	т	1,47
5200	Transportation of soil up to 1 km	т	433,65
5201	Arrangement of bored piles with drilling wells by rotating [screw] method y soils of group 2, up to 600-1600 mm in diameter, length up to 12 m	м3	105,56
5202	Production of reinforcing frames during installation borehole injection piles	т	7,553
5203	Installation of anchor bolts when concreting with ties with fittings	т	2,548
5204	Installation of embedded parts weighing more than 5 kg up to 10 kg	т	0,546
5205	Transportation of soil up to 1 km	т	179,452
5206	Installation of steel octagonal lighting poles	опора	252
5207	Installation of boxes	шт	252
5208	Installation of lighting fixtures with LED lamps	шт	264
5209	Lamp with fluorescent lamps that installed separately, on the pins, the number of lamps in lamp 1	шт	4
5210	Installation of a control cabinet [when working at heights over 8 to 15 m]	шт	3
5211	Installation of a control cabinet	шт	1
5212	Development of soil manually in trenches up to 2 m deep without fastenings with slopes, group of soils 2 under a control case	м3	8,8
5213	Manual backfilling of trenches, sinuses of ditches and pits, group soils 2	м3	8,1
5214	Arrangement of concrete preparation heavy concrete 7,5 (M 100), the size of the filler is 10-20 mm	м3	0,04
1		3	4
5215	Arrangement of general reinforced concrete foundations purpose up to 5 м3 heavy concrete B 15 (M 200), the size of the filler is 20-40 mm	м3	0,15
5216	Installation of embedded parts weighing more than 5 kg up to 10 kg	т	0,0387
5217	Production of embedded parts	т	0,0387
5218	Installation of a single-pole disconnecter with one rod voltage up to 10 kV, current up to 600 A	шт	1
5219	Installation of contactors	шт	4
5220	Automatic switch [automatic] one-, two-, three-pole, mounted on the wall structure or columns, current up to 25 A	шт	34
5221	Timer	шт	4
5222	Switch [switch that switches] three-pole on plates with central or side handle or control of the rod which is established on metal basis, current up to 250 A	шт	4
5223	Installation of an overvoltage limiter [set - 3 phases], voltage up to 220 kV	комплект	4
5224	Terminal block on a metal structure	шт	1
5225	(Disassembly) Installation of steel octagonal supports lighting	опора	25

5226	(Dismantling) Arrangement of reinforced concrete monolithic foundations for supports	опор	2
5227	(Dismantling) of steel octagonal lighting poles SAO	опора	2
5228	Installation of steel octagonal lighting poles	опора	2
5229	Production of reinforcing frames	т	0,2094
5230	Installation of reinforcing mesh and frames by hand, weight items over 50 kg to 100 kg	т	0,2094
5231	Installation of anchor bolts when concreting with ties with fittings	т	0,055
5232	Production of an anchor block	т	0,0504
5233	Production of embedded parts	т	0,065
5234	Installation of embedded parts weighing more than 20 kg	т	0,065
	Local estimate 07-014-01 for the arrangement road markings	-	-
5235	Marking the carriageway with a marking machine Hofmann RL 700 DH	км	130,754
5236	Installation of horizontal road markings 0.15 m wide cold-applied plastic marking machine Hofmann TS 290 TE, line type 1.1	км	14,087
5237	Installation of horizontal road markings plastic cold marking machine Grun Variozet 4 L, line type 1.2	км	72,774
5238	Installation of horizontal road markings 0.15 m wide cold- applied plastic marking machine Hofmann TS 290 TE, line type 1.3	км	1,543
5239	Installation of horizontal road markings 0.15 m wide cold-applied plastic marking machine Hofmann TS 290 TE, line type 1.5	км	36,1
5240	Installation of horizontal road markings 0.15 m wide cold-applied plastic marking machine Hofmann TS 290 TE, line type 1.7	км	0,72
5241	Installation of horizontal road markings 0.20 m wide cold-applied plastic marking machine Hofmann TS 290 TE, line type 1.8	км	5,39
1		3	4
5242	Installation of horizontal road markings 0.15 m wide cold-applied plastic marking machine Hofmann TS 290 TE, line type 1.1 (part of markup 1.11)	км	0,14
5243	Installation of horizontal road markings 0.15 m wide cold-applied plastic marking machine Hofmann TS 290 TE, line type 1.6 (part of markup 1.11)	км	0,14
5244	Installation of horizontal road markings plastic cold drawing on a stencil marking machine Hoffmann H18-2K, line type 1.13	м2	16,6

5245	Installation of horizontal road markings plastic cold drawing on a stencil marking machine Hoffmann H18-2K, line type 1.14.3	м2	150
5246	Installation of horizontal road markings plastic cold drawing on a stencil marking machine Hoffmann H18-2K, line type 1.15	м2	32,33
5247	Installation of horizontal road markings plastic cold drawing on a stencil marking machine Hoffmann H18-2K, line type 1.16.1; 1.16.2; 1.16.3;	м2	199,5
5248	Installation of horizontal road markings plastic cold drawing on a stencil marking machine Hoffmann H18-2K, line type 1.17; 1.18; 1.19; 1.20	м2	331,15
5249	Installation of horizontal road markings plastic cold drawing on a stencil marking machine Hoffmann H18-2K, line type 1.25	м2	11,16
5250	Installation of noise strips by cold plastic stencil application by marking machine Hofmann 2K 50	м2	48,3
-	Local estimate 07-014-02 for installation road signs	-	-
5251	Installation of road signs on one riser during digging pits are mechanized, bilateral	знак	2
5252	Manual installation of road sign shields or plates to them with fastening on one riser	щит	2
5253	Installation of road signs on one riser during digging pits are mechanized, bilateral	знак	6
5254	Installation of road signs on one riser during digging pits are mechanized, one-sided	знак	46
5255	Installation of road signs on one riser during digging pits are mechanized, bilateral	знак	2
5256	Manual installation of road sign shields or plates to them with fastening on one riser	щит	2
5257	Installation of road signs on one riser during digging pits are mechanized, bilateral	знак	28
5258	Installation of road signs on one riser during digging pits are mechanized, one-sided	знак	262
5259	Installation of road signs on two risers during digging pits are mechanized, one-sided	знак	10
-	Local estimate 07-014-03 for the arrangement fencing	-	-
-	-	-	-
-	<u>Section 1. Metal barrier fence</u>	-	-
-	-	-	-
1		3	4
5260	Arrangement of a metal barrier fence during driving of risers in an asphalt concrete covering, at distance between risers 2 m	м	85238
-	Section 2. Plastic fencing columns NS-1	-	-
5261	Installation of plastic guide columns	стопл.	137

	Section 3. Metal railing	-	-
5262	Installation of galvanized railing on transport constructions with fastening on bolts	М,П.	812
	Section 4. Damping system	-	-
5263	Arrangement of the damping system during clogging risers in the asphalt pavement, at a distance between risers 4 m	М	64
	Section 5. DFL mesh fencing	-	-
5264	Arrangement of road fences from a grid	М	35186
	Local estimate 08-01-01 for installation construction site	-	-
5265	Arrangement of a layer of a basis from rubble	М3	543,6
5266	Disassembly of the crushed stone base	М3	543,8
5267	Transportation of construction waste by dump trucks on distance 13 km	Т	868
	Local estimate 08-02-01 for the construction site	-	-
5268	Development of soil by bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	М3	1230
5269	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	М3	1230
5270	Plowing the soil with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1 / formerly loosened soil /	М3	1230
5271	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a crawler with a bucket capacity of 1.25 [1,25-1,5]	М3	2050
5272	Transportation of soil up to 1 km	Т	3690
5273	Planning areas with bulldozers with a capacity of 79 kW [108 hp] for 1 pass	М2	4100
5274	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	М3	2277,6
5275	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for each subsequent passage of one track with a layer thickness of 25 cm	М3	2277,6
5276	Irrigation of compaction soil in embankments with water	М3	1138,8
5277	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a crawler with a bucket capacity of 1.25 [1,25-1,5] m3, soil group 1	М3	2050
5278	Transportation of soil up to 1 km	Т	3690
5279	Development of soil by bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1 / formerly loosened soil /	М3	1230
5280	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	М3	1230

5281	Strengthening the slopes of earthworks by sowing perennial herbs mechanized method	m2	4100
5282	Watering grass crops with water	m2	4100
1		3	4
5283	Arrangement of a layer of a basis from rubble	m3	820
5284	Disassembly of the crushed stone base	m3	820
5285	Loading of bulk materials into vehicles single-bucket excavator, bucket capacity 0.25 m3	m3	820
5286	Transportation of construction waste by dump trucks on distance 30 km	T	1353
	Local estimate 08-03-01 for the construction site	-	-
5287	Development of soil by bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1	m3	455
5288	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 3	m3	455
5289	Development of soil by bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1 / formerly loosened soil /	m3	455
5290	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a crawler with a bucket capacity of 1.25 [1,25-1,5] m3, soil group 1	m3	760
5291	Transportation of soil up to 1 km	T	1368
5292	Planning areas with bulldozers with a capacity of 79 kW [108 hp] for 1 pass	m2	1517,5
5293	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	m3	760
5294	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for each subsequent passage of one track with a layer thickness of 25 cm	m3	760
5295	Irrigation of compaction soil in embankments with water	m3	380
5296	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a crawler with a bucket capacity of 1.25 [1,25-1,5] m3, soil group 1	m3	760
5297	Transportation of soil up to 1 km	T	1368
5298	Development of soil by bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1 / formerly loosened soil /	m3	455
5299	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	m3	455
5300	Strengthening the slopes of earthworks by sowing perennial herbs mechanized method	m2	1517,5
5301	Watering grass crops with water	m2	1517,5
5302	Arrangement of a layer of a basis from rubble	m3	305
5303	Disassembly of the crushed stone base	m3	305
5304	Loading of bulk materials into vehicles single-bucket excavator, bucket capacity 0.25 m3	m3	305
5305	Transportation of construction waste by dump trucks on distance 30 km	T	503,25
	Local estimate 08-04-01 for the construction site	-	-

5306	Soil development with bulldozers with a capacity of 121 kW [165 hp] with soil movement up to 10 m, soil group 1	m3	310
5307	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	m3	310
5308	Development of soil by bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, soil group 1 / formerly loosened soil /	m3	310
1		3	4
5309	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a crawler with a bucket capacity of 1.25 [1,25-1,5] m3, soil group 1	m3	510
5310	Transportation of soil up to 1 km	T	918
5311	Planning areas with bulldozers with a capacity of 79 kW [108 hp] for 1 pass	m2	1017,5
5312	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	m3	510
5313	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for each subsequent passage of one track with a layer thickness of 25 cm	m3	510
5314	Irrigation of compaction soil in embankments with water	m3	255
5315	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a crawler with a bucket capacity of 1.25 [1,25-1,5] m3, soil group 1	m3	510
5316	Transportation of soil up to 1 km	T	918
5317	79 kW bulldozers [108 hp] with soil movement up to 10 m, soil group 1 / earlier loose soil /	m3	310
5318	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	m3	310
5319	Strengthening the slopes of earthworks by sowing perennial herbs mechanized method	m2	1017,5
5320	Watering grass crops with water	m2	1017,5
5321	Arrangement of a layer of a basis from rubble	m3	205
5322	Disassembly of the crushed stone base	m3	205
5323	Loading of bulk materials into vehicles single-bucket excavator, bucket capacity 0.25 m3	m3	205
5324	Transportation of construction waste by dump trucks on distance 30 km	T	338,25
	Local estimate 08-05-01 for the construction site	-	-
5325	Cutting the plant layer with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, group soils 1	m3	310
5326	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	m3	310
5327	Planing of a vegetative layer by bulldozers with power 79 kW [108 hp] with soil movement up to 10 m, group soils 1 / formerly loosened soil /	m3	310

5328	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a crawler with a bucket capacity of 1.25 [1,25-1,5] m3, soil group 1	М3	510
5329	Transportation of soil up to 1 km	Т	918
5330	Soil planning by bulldozers with a capacity of 79 kW [108 hp] for 1 pass	М2	1017,5
5331	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	М3	510
5332	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for each subsequent passage of one track with a layer thickness of 25 cm	М3	510
5333	Irrigation of compaction soil in embankments with water	М3	255
5334	Soil loading on dump trucks single bucket diesel excavators on crawler with a bucket capacity of 1.25 [1.25-1.5] m3, soil group 1	М3	510
1		3	4
5335	Transportation of soil up to 1 km	Т	918
5336	Reverse pushing of a vegetative layer by bulldozers 79 kW [108 hp] with soil movement to 10 m, group of soils 1 / formerly loosened soil /	М3	310
5337	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	М3	310
5338	Strengthening the slopes of earthworks by sowing perennial herbs mechanized method	М2	1017,5
5339	Watering grass crops with water	М2	1017,5
5340	Arrangement of a layer of a basis from rubble	М3	205
5341	Disassembly of the crushed stone base	М3	205
5342	Loading of bulk materials into vehicles single-bucket excavator, bucket capacity 0.25 m3	М3	205
5343	Transportation of construction waste by dump trucks on distance 30 km	Т	338,25
	Local estimate 08-06-01 for the construction site	-	-
5344	Cutting the plant layer with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, group soils 1	М3	310
5345	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	М3	310
5346	Planing of a vegetative layer by bulldozers with power 79 kW [108 hp] with soil movement up to 10 m, group soils 1 / formerly loosened soil /	М3	310
5347	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a crawler with a bucket capacity of 1.25 [1,25-1,5] m3, soil group 1	М3	510
5348	Transportation of soil up to 1 km	Т	918
5349	Soil planning by bulldozers with a capacity of 79 kW [108 hp] for 1 pass	М2	1017,5

5350	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	М3	510
5351	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for each subsequent passage of one track with a layer thickness of 25 cm	М3	510
5352	Irrigation of compaction soil in embankments with water	М3	255
5353	Soil loading on dump trucks single bucket diesel excavators on crawler with a bucket capacity of 1.25 [1.25-1.5] m3, soil group 1	М3	510
5354	Transportation of soil up to 1 km	Т	918
5355	Reverse pushing of a vegetative layer by bulldozers 79 kW [108 hp] with ground movement	М3	310
5356	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	М3	310
5357	Strengthening the slopes of earthworks by sowing perennial herbs mechanized method	М2	1017,5
5358	Watering grass crops with water	М2	1017,5
5359	Arrangement of a layer of a basis from rubble	М3	205
5360	Disassembly of the crushed stone base	М3	205
5361	Loading of bulk materials into vehicles single-bucket excavator, bucket capacity 0.25 m3	М3	205
5362	Transportation of construction waste by dump trucks on distance 30 km	Т	338,25
1		3	4
	Local estimate 08-07-01 for the construction site	-	-
5363	Cutting the plant layer with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, group soils 1	М3	310
5364	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	М3	310
5365	Planing of a vegetative layer by bulldozers with power 79 kW [108 hp] with soil movement up to 10 m, group soils 1 / formerly loosened soil /	М3	310
5366	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a crawler with a bucket capacity of 1.25 [1,25-1,5] m3, soil group 1	М3	510
5367	Transportation of soil up to 1 km	Т	918
5368	Soil planning by bulldozers with a capacity of 79 kW [108 hp] for 1 pass	М2	1017,5
5369	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	М3	510
5370	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for each subsequent passage of one track with a layer thickness of 25 cm	М3	510
5371	Irrigation of compaction soil in embankments with water	М3	255

5372	By loading the soil on dump trucks single bucket diesel excavators on crawler with a bucket capacity of 1.25 [1.25-1.5] m3, soil group 1	М3	510
5373	Transportation of soil up to 1 km	Т	918
5374	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	М3	310
5375	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	М3	310
5376	Strengthening the slopes of earthworks by sowing perennial herbs mechanized method	М2	1017,5
5377	Watering grass crops with water	М2	1017,5
5378	Arrangement of a layer of a basis from rubble	М3	205
5379	Disassembly of the crushed stone base	М3	205
5380	Loading of bulk materials into vehicles single-bucket excavator, bucket capacity 0.25 m3	М3	205
5381	Transportation of construction waste by dump trucks on distance 30 km	Т	338,25
	Local estimate 08-08-01 for the construction site	-	-
5382	Cutting the plant layer with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, group soils 1	М3	310
5383	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	М3	310
5384	Planing of a vegetative layer by bulldozers with power 79 kW [108 hp] with soil movement up to 10 m, group soils 1 / formerly loosened soil /	М3	310
5385	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a crawler with a bucket capacity of 1.25 [1,25-1,5] m3, soil group 1	М3	510
5386	Transportation of soil up to 1 km	Т	918
5387	Soil planning by bulldozers with a capacity of 79 kW [108 hp] for 1 pass	М2	1017,5
1		3	4
5388	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	М3	510
5389	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for each subsequent passage of one track with a layer thickness of 25 cm	М3	510
5390	Irrigation of compaction soil in embankments with water	М3	255
5391	By loading the soil on dump trucks single bucket diesel excavators on crawler with a bucket capacity of 1.25 [1.25-1.5] m3, soil group 1	М3	510
5392	Transportation of soil up to 1 km	Т	918
5393	Reverse pushing of a vegetative layer by bulldozers 79 kW [108 hp] with soil movement to 10 m, group of soils 1 / formerly loosened soil /	М3	310

5394	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	М3	310
5395	Strengthening the slopes of earthworks by sowing perennial herbs mechanized method	М2	1017,5
5396	Watering grass crops with water	М2	1017,5
5397	Arrangement of a layer of a basis from rubble	М3	205
5398	Disassembly of the crushed stone base	М3	205
5399	Loading of bulk materials into vehicles single-bucket excavator, bucket capacity 0.25 m3	М3	205
5400	Transportation of construction waste by dump trucks on distance 30 km	Т	338,25
	Local estimate 08-09-01 for the construction site	-	-
5401	Cutting the plant layer with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, group soils 1	М3	290
5402	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	М3	290
5403	Planing of a vegetative layer by bulldozers with power 79 kW [108 hp] with soil movement up to 10 m, group soils 1 / formerly loosened soil /	М3	290
5404	Development of soil with a load on the car-dump trucks with one-bucket diesel excavators on a crawler with a bucket capacity of 1.25 [1,25-1,5] m3, soil group 1	М3	485
5405	Transportation of soil up to 1 km	Т	873
5406	Soil planning by bulldozers with a capacity of 79 kW [108 hp] for 1 pass	М2	967,5
5407	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on	М3	485
5408	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for each subsequent passage of one track with a layer thickness of 25 cm	М3	485
5409	Irrigation of compaction soil in embankments with water	М3	242,5
5410	Soil loading on dump trucks single bucket diesel excavators on crawler with a bucket capacity of 1.25 [1.25-1.5] m3, soil group 1	М3	485
5411	Transportation of soil up to 1 km	Т	873
5412	Reverse pushing of a vegetative layer by bulldozers 79 kW [108 hp] with soil movement to 10 m, group of soils 1 / formerly loosened soil /	М3	290
5413	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	М3	290
1		3	4
5414	Strengthening the slopes of earthworks by sowing perennial herbs mechanized method	М2	967,5
5415	Watering grass crops with water	М2	967,5
5416	Arrangement of a layer of a basis from rubble	М3	194
5417	Disassembly of the crushed stone base	М3	194

5418	Loading of bulk materials into vehicles single-bucket excavator, bucket capacity 0.25 m3	M3	194
5419	Transport of construction would be a dump trucks distance 30 km	T	320,1
	Local estimate 08-010-01 for construction ground	-	-
5420	Cutting the plant layer with bulldozers with a capacity of 79 kW [108 hp] with soil movement up to 10 m, group soils 1	M3	1980
5421	Add soil movement for every next 10 m [over 10 m] bulldozers with a capacity of 79 kW [108 hp], soil group 1	M3	1980
5422	Planing of a vegetative layer by bulldozers with power 79 kW [108 hp] with soil movement up to 10 m, group soils 1 / formerly loosened soil /	M3	1980
5423	Development of soil with a load on the car- dump trucks with one-bucket diesel excavators on a crawler with a bucket capacity of 1.25 [1,25-1,5] m3, soil group 1	M3	3300
5424	Transportation of soil up to 1 km	T	5940
5425	Soil planning by bulldozers with a capacity of 79 kW [108 hp] for 1 pass	M2	6100
5426	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for the first pass on one trace at a layer thickness of 25 cm	M3	3300
5427	Compaction of soil by trailed rollers on pneumatic wheel weighing 25 tons for each subsequent passage of one track with a layer thickness of 25 cm	M3	3300
5428	Watering the compaction soil in the embankments	M3	1650
5429	Soil loading on dump trucks single bucket diesel excavators on crawler with a bucket capacity of 1.25 [1.25-1.5] m3, soil group 1	M3	3300
5430	Transportation of soil up to 1 km	T	5940
5431	Reverse pushing of a vegetative layer by bulldozers 79 kW [108 hp] with soil movement to 10 m, group of soils 1 / formerly loosened soil /	M3	1980
5432	Strengthening the slopes of earthworks by sowing perennial herbs mechanized method	M3	1980
5433	Strengthening the slopes of earthworks by sowing perennial herbs mechanized method	M2	6100
5434	Watering grass crops with water	M2	6100
5435	Arrangement of a layer of a basis from rubble	M3	1300
5436	Disassembly of the crushed stone base	M3	1300
5437	Loading of bulk materials into vehicles	M3	1300
5438	Transportation of construction waste by dump trucks for a distance of 30 km	T	2145

Attention! During preparing a bid, the participant has the right to replace the machine, mechanism and material specified in the terms of reference with an equivalent machine, mechanism and material in accordance with the characteristics specified in the KNU(Ukrainian budget standards), DBN(State Building Standards), DSTU(National Standards)

of Ukraine), SOU(Ukrainian organization standard)

Note:

1. Transportation of materials should be accounted for based on own transportation scheme.
2. In the tender proposal, take into account the use of machines and mechanisms according to the requirements of the current estimate norms.
3. Preparation of materials in the auxiliary production according to the relevant SOU.
Calculation of the cost of materials and structures manufactured in the own structural subdivisions, auxiliary economies of enterprises is made in accordance with MR D.1.2-218-03450778-767:2010 "Methodological recommendations for calculating the cost of material resources manufactured by own auxiliary economies".
4. Conditions for the provision of services, taking into account the tender proposals for the types of services provided, using the instructions in the technical parts of the KNU, DBN, DSTU, SOU.
5. Compaction of asphalt concrete mixtures to take on the basis of its own fleet of equipment on the basis of SOU 42.1-37641918-035:2018 (as amended).
6. Road markings shall be made in accordance with DSTU 2587:2021. The cost of material resources in calculating the cost of road markings take in accordance with SOU 42.137641918-095:2012.
7. The contract price of the works shall include all related works.
8. Costs of individual works in accordance with the approved design documentation that are not included in the contract price are considered to be included in the price proposal.
9. The contract price shall be drawn up in accordance with the requirements of the KNU "Guidelines for determining the cost of construction".

Minimum amount of equipment, machines and mechanisms

№ c/n	Name	Minimum quantity
1	2	3
1	Pneumatic-wheeled tractors	6
2	Dump trucks	10
3	Flatbed cars	6
4	Road milling machine Wirtgen W 2100	1
5	Universal asphalt pavers	4
6	Self-propelled vibrating road rollers smooth rollers	16
7	Self-propelled vibrating road roller soil roller	4
8	Pneumatic self-propelled road rollers	10
9	Bulldozers	12
10	Autogoudronator	3
11	Watering-washing machine with a mounted brush or combined machine KDM	11
12	Motor grader of medium type	3
13	Single-bucket diesel crawler excavators	10
14	Single-bucket diesel pneumatic-wheeled excavators	7
15	Truck-mounted cranes, lifting capacity from 6.3t	3
16	Truck-mounted cranes, lifting capacity from 10t.	10
17	Truck-mounted cranes, lifting capacity from 16t.	10
18	Crawler cranes, lifting capacity 25 tons	7
19	Cantilever-sluiice cranes	1
20	Mobile power stations	6
21	Mobile compressors	2