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REPUBLIC OF MOLDOVA

MOLDOVA RURAL CONNECTIVITY PROJECT - P180153

NATIONAL ROAD ADMINISTRATION

**CLARIFICATION DOCUMENT No.2  
TO BIDDERS' QUESTIONS ON RfB**

**Rehabilitation Works on Corridor 8:**

*Lot 1: Contract MRCP/W1/01:*

*Road G88: Cornești–Boghenii Noi–Năpădeni – M5, km 0+000–km  
16+200*

*Lot 2: Contract MRCP/W1/02:*

*Road G88: Cornești – Boghenii Noi – Năpădeni – M5, km 16+200 –km  
25+090 (Section 1) and Road G86: G88 – Dereneu – G85, km 0+000 –  
km 8+395 (Section2)*

**Issued on February 13<sup>th</sup>, 2026**

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## Question 1

“**Note:** The specifications require the plant to be located 45 km from the construction site. The analysis of industry guidelines and practices shows that the quality of the mixture during pouring depends primarily on maintaining the temperature and transportation time, not just on the distance in km. The current standards valid on the territory of the Republic of Moldova do not provide limits for the transportation distance of bituminous mixtures, but they provide requirements for the temperature of production, laying and compaction of the mixtures.

**Question:** Can we replace or supplement the condition regarding the location of the asphalt production plant 45 km away from the construction site, so that:

1. to allow the extension up to 90 - 100 km provided that the production and laying of bituminous layers will comply with the requirements of the standards in force and in particular CP D.02.25:2021

**Motivation:** this approach maintains the quality requirement of the work and stimulates the competitiveness of offers, avoiding the exclusion of serious operators who can guarantee quality based on technological measures.”

## Answer 1

The purpose of placing a maximum distance requirement (45km) on the location of the asphalt plant in relation to the worksite is not only to ensure proper temperature control of the asphalt from the time of initial mixing to the time of placement and compaction, but to also allow sound quality control of the asphalt products. Modified Asphalts mixtures required for the wearing course require tighter control in mixing and placement temperatures and have a reduced window of time between mixing and compaction temperature times. The Engineer and the Contractor’s materials testing / laboratory staff must be able to attend the asphalt mixing plant during times of production to verify temperatures and obtain samples for Marshall and other tests as specified, and to also have the capacity to attend the worksite where asphalt is being placed to check placement temperatures and obtain samples as required. This distance requirement is intended to maximize the time that staff attend work locations in lieu of travelling time between locations while ensuring that a quality product is made.

Considering that the Contractor is expected to have a fully functional registered on-site laboratory for the performance of the necessary soils, concrete and asphalt tests we have revised the distance up to 90km to be an acceptable maximum distance for location of the asphalt plant.

## Question 2

### “Existing Culvert at PC 94+50,48

In the project drawings, an existing 2xØ2.00m culvert is shown at PC 94+50,48 as “repair of existing culvert.” However, any item regarding to 2xØ2.00m cannot be found in the BOQ. Please clarify whether this culvert repair is to be included under another item, or if it will be covered through a separate BOQ item.”

## Answer 2

There is no specific item in the BoQ related to repair of the culvert at PC 94+50,48 as there will be only repair works. All the quantities related to this work are spread through BoQ items. The list of works related to this culvert are shown in the Section VII – Works’ Requirements, Drawings (Volume 3.1: Road Works, sheet no.186-187).

## Question 3

“In the Bill of Quantity Form, Lot-1, the bidder identified a formula error in the spread sheet of BoQ\_LOT 1\_G88 - km 0+00 - km 16+200, Bill 600 (*Total Bill no. 600 carried to Summary*), Cell G9.

Cell G9 does not sum G7 and G8 cell. Please clarify”

## Answer 3

There was a calculation error in the Excel spreadsheet at some positions. The corrected BoQ is provided through Amendment No. 6 to the RfB, issued on the same date with these Clarifications.

## Question 4

“In the Bill of Quantity Form, Lot 2, the bidder identified an error (lack of formula) in “Bill No 500” in column “G”, line “64-65”, “67-68-69-70-71-72-73”, “80-81-82-83-84-85-86-87-88”. Please clarify.”

## Answer 4

There was a calculation error in the Excel spreadsheet at some positions, e.g. lines: 70, 71, 72, 72, 73, 85, 88. The modified BoQ is provided through Amendment No.6 to the RfB, issued on the same date with these Clarifications.

Taking into consideration that Lot II consists of 2 sections, in the BoQ there are some positions that have quantities for one section and no quantity for another section. Thus, the lines 80, 81, 82, 83, 84, 86, 87 do not have a formula error, but this type of work will not apply to that specific section.

## Question 5

“In the Bill of Quantity Form, Lot 2, the bidder identified an error (lack of formula) in “Bill No 700” in column “I”, line “22-23-24-25-26-27”, “31-32-33-34”, “36-37-38-39-40-41-42-43-44-45-46-47-48”. Please clarify.”

## Answer 5

Taking into consideration that the BoQ for Lot II was divided into 2 sections, due to the different types of work to be executed on each Section, on some BoQ items, the quantities will differ from one section to another.

Thus, the lines 22, 23, 24, 25, 26, 27, 31, 32, 33, 34, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48 do not have a formula error, these items will not apply to that specific section.

### **Question 6**

“In the Bill of Quantity Form, Lot-2, the bidder identified an error (lack of formula) in “Bill No 800” column “I”, line “7-8-9”, “11-12-13-14-15” and in column “G”, line “19”. Please clarify.”

### **Answer 6**

There was a calculation error in the Excel table at some positions. The updated Excel files contain corrected information for lines: 8, 9 (column I).

Taking into consideration that Lot 2 consists of 2 sections, in the BoQ there are some positions that have quantities for one section and no quantity for another section. Thus, the lines 7, 11, 12, 13, 14, 15 (column I), and line 9 (column G) do not have a formula error, these items will not apply to that specific section.

### **Question 7**

“In the Bill of Quantity Form, Lot-2, Spread Sheet Bill 400.2 PC 247+40, the bidder could not find any quantity for item 40506. Please clarify the quantity of item 40506.”

### **Answer 7**

There is no quantity under this Item, the Item 40506 was deleted.

The modified BoQ is provided through Amendment No.6 to the RfB, issued on the same date with these Clarifications.

### **Question 8**

“According to our review of the tender documentation, the bidder could not find any geological data or report. A geological report will be required for the classification of the excavation works. Please provide the geological reports and information about the classification of the excavation.”

### **Answer 8**

The Geological report (Romanian version) is provided through Amendment No.6 to the RfB, issued on the same date with these Clarifications.

### Question 9

“Please clarify, on whether the laboratory equipment will be returned by the Contractor upon completion of the contract or handed over to the Employer.”

### Answer 9

The laboratory equipment will be supplied by the Contractor at his own cost and will remain in Contractor’s possession after the completion of the works. No equipment will be handed over to the Employer.

### Question 10

“According to the drawings and the Bill of Quantities, the wearing course is specified as “**dense asphaltic concrete BA16 50/70**”, indicating the use of a **50/70 penetration grade bitumen**. However, under **Clause 305.03 – General Requirements**, the Technical Specification states that “only modified bitumen or bitumen with polymers (PMA) shall be used for production of wearing course asphalt mixture”, in order to increase performance criteria.

Additionally, **Chapter 011 – Binders** lists three possible binder types for asphalt mixtures:

- Bitumen Class 50/70 (SM SR EN 12591),
- Polymer modified bitumen Class 4 (45/80) according to SR EN 14023,
- Bitumen 50/70 with dry polymer modification (PMA).

In order to ensure the correct interpretation for mix design and pricing, the bidder kindly request the Employer to confirm **which binder type is required for the wearing course** in this project:

- (a) Standard 50/70 bitumen,
- (b) Polymer Modified Bitumen (PMB 45/80), or
- (c) 50/70 bitumen modified with dry polymer compounds (PMA).

Your clarification will be highly appreciated to ensure consistency between the BOQ, drawings, and Technical Specifications.”

### Answer 10

The Technical Specifications were modified. The modified document is provided through Amendment No.6 to the RfB, issued on the same date with these Clarifications.

Standard 50/70 Bitumen will be used for Asphalt Binder mixes.

For the wearing Course the bitumen to be used will be Polymer Modified Bitumen (PMB 45/80-80) complying with SR EN 14023.

### Question 11

“In the Bill of Quantity Form – Lot 1 & 2, Bill No. 300, the Bill of Quantities, and the Technical Specifications, there is an item (Item No. 31101) titled “Double Bituminous Treatment” (Surface Dressing). However, the bidder, could not find the application details of this work in the drawings,

and it is not clear where this work is to be applied in the project. Please clarify the details of the related work.”

### **Answer 11**

Please be informed that Section VII – Works’ Requirements, Drawings (Volume 6.1: Detailed list of Quantities, Annex 11) includes all sectors of road with double bituminous treatment.

Section VII – Works’ Requirements, Drawings (Volume 6.1: Detailed list of Quantities) was added to the Amendment No.6 to the RfB, issued on the same date with these Clarifications.

Additionally, the Technical Specification includes all the mandatory provisions and standards necessary for the application of the double bituminous treatment.

### **Question 12**

“In Drawings Volume 3.1, the bidder noted that the reinforcement steel type is specified as A500C, along with certain GOST standards. If, during the execution of the Works, the Contractor wishes to use materials that comply with EN standards instead, will the Contractor be required to modify the drawings, potentially incurring additional costs?”

### **Answer 12**

The reinforcement steel A500C is provided in accordance with SM SR EN 10080:2014. All the materials must comply with EN standards.

### **Question 13**

“In The Technical Specification, It is unclear which specific structures are encompassed within the payment for work items 50401.1, 50402.2 and 50402.3 as listed in the Bill of Quantities (BOQ) of Lot I and Lot 2.

Could you please provide clarification regarding the specific structures that are covered under these items?

### **Answer 13**

There are no such Items in the BoQ as Item 50402.2 and 50402.3.

The Items 50401.1, 50401.2 and 50401.3 refer to minor concrete works related to drainage structures.

### **Question 14**

“In the Bill of Quantities (BOQ) and technical specifications, work item **41201** for bridges specifies that pedestrian handrails should be galvanized. However, the drawings indicate that the handrails should be painted. Additionally, the technical specifications state that pedestrian handrails for roads should be galvanized. Please clarify whether pedestrian handrails should be galvanized or painted”

#### **Answer 14**

Please be informed that the requirements of the Technical Specifications in relation to the handrails prevails, thus, all the pedestrian handrails must be galvanized.

#### **Question 15**

“Previously, the Contractor was required to make a one-time payment for equipment plates for the duration of the project. However, due to a change in the law, the Contractor must now pay for the extend the validity of plates annually. Does the Employer have any solutions or provisions to address this additional cost?”

#### **Answer 15**

We confirm that in accordance with the provisions of the Law no. 176/2024 and 177/2024, the import of goods and services intended for the implementation of the “Moldova Rural Connectivity” Project are exempt from VAT without the right to deduct, excise duty, customs duties, fee for customs procedures and tax for goods, that in the process of use, cause environmental pollution, and supplies of goods and services intended for implementation of the Project are subject to exemption of VAT with the right to deduct, excise duty, tax for goods, that in the process of use, cause environmental pollution.

The tax exemption mechanism for application of fiscal and custom incentives is provided in the Government Decision no. 114/2025.

All other taxes, fees, or charges not expressly exempted under the above-mentioned Government Decision shall be borne by the Contractor.

#### **Question 16**

“In the Drawings, Volume 3.5 “External Water Supply”, please clarify under which work item the dismantling of the existing aqueduct is to be measured and paid.”

#### **Answer 16**

The dismantling of the existing aqueduct will be measured and paid in accordance with the BoQ Item 10315.

### **Question 17**

“In the Bill of Quantity, Bill No. 700 “Road Signs”, according to the new legislation for traffic signs, the dimensions specified in the Bill of Quantities do not correspond to the updated requirements. Please clarify which traffic signs shall be evaluated under which work item, in line with the applicable standards and current legislation and, please supply the detailed Traffic Sign List if exist.”

### **Answer 17**

The Design was done in 2023 based on the standards/norms in force at that time. The last modifications of the Government Decision on the approval of the Road Traffic Regulations have been imposed starting July 2024. The Contractor will prepare its rates based on the dimensions specified in the Bill of Quantities. The rates will be revised during the execution of the contract if it is required under new updates under the legislation.

### **Question 18**

“In the Drawings, Typical Cross-Section, the asphalt pavement edges are shown as vertical, even in areas where no kerb is provided. From a practical and technical standpoint, it is difficult to construct asphalt edges with a perfectly vertical face. Please clarify whether the Employer will measure and pay for the asphalt works based on a sloped edge (as executed on site for stability and compaction reasons) or strictly according to the vertical edge shown in the drawing.”

### **Answer 18**

To ensure achievement of the required design width and proper compaction the Contractor should allow for some slope differential between the top and bottom of an asphalt layer. Measurement for payment will however be made on the width of asphalt at the top of the asphalt layer.

The measured width must comply with the Contract design requirements. Measurement of asphalt exceeding the design width will not be paid.

Contractors should take into consideration materials that may be “lost” due to the slope when calculating and determining the Unit Price of the asphalt works for each layer.

### **Question 19**

“The bidder kindly request the profiles, cross-sections, and corresponding list indicating the location and type of each minor intersection included in the design documentation.”

### **Answer 19**

The location and the type of each minor intersection can be checked in in Section VII – Works’ Requirements, Drawings (the Volume 6.1: Detailed list of Quantities).

The Drawings, Volume 6.1 is provided through Amendment No.6 to the RfB, issued on the same date with these Clarifications in the updated Drawings folder. The cross-sections and profiles can be viewed in the 3.1 Road Works of each Lot.

### Question 20

“The tender documents provided road cross-sections at 25-meter intervals. However, for project execution, the Engineer always requires cross-sections at 10-meter intervals according to the Bidder’s experiences.

Please clarify whether cross-sections at 10-meter intervals already exist and can be provided to the Bidder. If such cross-sections are not available, please confirm whether the Bidder is expected to include the cost of producing cross-sections at every 10 meters within the bid price.”

### Answer 20

Please note that the design provides the road cross-sections at 25-meter intervals, for the project execution this interval is sufficient. If there will be some changes proposed by the Contractor to the road cross-sections, then it will be done at 10-meter intervals. 10-meter interval will be applied to new solutions/ modifications proposed by Contractors.

### Question 21

“In the BoQ, Lot 1&2, Bill No 700, The road marking types 1.27.1, 1.27.2, 1.27.3, and 1.27.4 are commonly applied as ready-made thermoplastic products. However, in BoQ this works are not mentioned ready made thermoplastic products. The Bidder kindly requests clarification whether these road marking types shall be executed using cold plastic or thermoplastic materials under this Contract.”

### Answer 21

The road markings types 1.27.1, 1.27.2, 1.27.3, and 1.27.4 are to be applied manually with Two-Component type of Road marking.

### Question 22

“In the Road Signing and Marking Drawings for Lot 1 and Lot 2.1, there are no indications regarding the spacing between guardrail posts and the frequency of cat eyes installation.

Furthermore, the drawings illustrate guardrails with consoles, while certain approved guardrail systems without consoles are also capable of meeting the required performance class specified in the design.

The Bidder kindly requests clarification on which criterion shall prevail — the performance class requirements of the guardrail system or the specific configuration shown in the drawings, and additionally, please clarify the required spacing between guardrail posts and the installation frequency of cat eyes.”

#### **Answer 22**

The spacing between guardrail posts and the frequency of the cat eyes installation will be in accordance with the Technical Specifications and SM SR EN 1713-1:2014, SM SR EN 1713-2:2014 and SM SR EN 1713-3:2014.

#### **Question 23**

“In the BoQ and Technical Specification, a maximum Los Angeles Abrasion value (LA30) is specified for limestone aggregates. However, based on the Bidder’s market experience, although many quarries possess quality certificates claiming that they can produce limestone with an LA30 value, in practice this is often not achievable.

In reality, only a few quarries located near the Ukrainian border are capable of supplying limestone that truly meets the LA30 requirement. These sources are situated at a considerable distance from the Project site, which would significantly impact both material availability and transportation costs. Therefore, the Bidder kindly requests the Employer’s reconsideration to revise the requirement from LA30 to LA35, which remains within acceptable durability standards and would ensure feasible, timely, and cost-effective material supply.”

#### **Answer 23**

No, Los Angeles Abrasion value will remain at initial requirement LA 30.

#### **Question 24**

“For what reasons are excavators with a 1.5 m<sup>3</sup> bucket required for work in quarries, they are large, and in restricted conditions of the construction site it is inconvenient to carry out the works, especially within the limits of the settlements.”

#### **Answer 24**

The list of equipment has been revised and provided through Amendment No.6 to the RfB, issued on the same date with these Clarifications.

#### **Question 25**

Thermoplastic material is provided for the road marking, in the Republic of Moldova cold plastic is more often used. Is this solution acceptable for the Beneficiary?

### **Answer 25**

The Road Marking type has been changed from Thermoplastic Road Marking paint to Two component Road Marking paint. Technical Specifications and BoQ have been revised to incorporate the changes and are provided through Amendment No.6 to the RfB, issued on the same date with these Clarifications.

### **Question 26**

In the Bill of Quantities, Lot 2, Bill No. 500, there are several items specifying pipes with a diameter of Ø750 mm. However, according to the Bidder’s market research and experience, there is no standard production for Ø750 mm pipes available in the Republic of Moldova.  
Please clarify whether changing the pipe diameter to a standard size available in the local market, would be possible?

### **Answer 26**

The Bidder has the freedom to search for the products in other markets.

### **Question 27**

In the Drawings, Lot I, Volume 3.2\_Bridge at km 6+639, the Bidders could not find any information or details regarding the drawings of “Abutment BC2”.  
Please provide the drawings for “Abutment BC2”.

### **Answer 27**

See Section VII – Works’ Requirements, Drawings (Volume 3.2: Bridge at km 6+639, sheets no 7.1,7.2,9.1 and 9.2).

### **Question 28**

In the Drawings, Lot I, Volume 3.2\_Bridge at km 6+639, Sheet No. 11, the drawing titled “Cast-in-place R/C Sidewalk TM-1” is indicated to consist of two sheets.  
However, the second sheet of this structure is missing from the provided drawings.  
Please provide the second sheet of the related structure.

### **Answer 28**

The missing Sheet No12 “Cast-in-place R/C Sidewalk TM-1” is added to the Section VII – Works’ Requirements, Drawings as per Amendment No.6 to the RfB, issued on the same date with these Clarifications.

### Question 29

In the Bill of Quantities for Lot 1 (G88 – km 0+00 to km 16+200), Bill No. 400.1, at PC 66+39, Item No. 50407 specifies that 5.40 cubic meters of lean concrete shall be used for Bridge PC 66+39. However, the Bidder could not identify any drawing or detail related to this item in the provided documents.

Please clarify or provide the relevant details for the mentioned item?

### Answer 29

The concrete will be used as foundation under the kerbs. See Section VII – Works’ Requirements, Drawings (Volume 3.2: Bridge at km 6+639, sheet No. 8.2).

### Question 30

In the Bill of Quantities for Lot 2 (G88 – G86), Bill No. 200, Item No. 20106.2, the bidder considers that it should be similar as item no 20106 and 20106.1.

However, its item description does not contain any expressions such as “*soil-cm, stabilized with - % cement or - % hydraulic binder*”.

Regarding the above, if this item is similar as the above-mentioned item no 20106 and 20106.1, please provide the thickness of soil and percentage value of the cement or hydraulic binder components. If not please clarify.

### Answer

Item 20106 *Improvement of the overhead layer of the embankment, h-300mm. Subgrade layer of mixture soil - crushed stone obtained from demolition, treated with hydraulic binder 2% (30% of demolished material)*

Item 20106.1 *Improvement of the overhead layer of the embankment, h-200mm crushed stone mixture of existing 10cm with soil 10cm, stabilized with 2% cement*

Item 20106.2 *Improvement of the overhead layer of the embankment made of crushed stone from demolition (accordance with the technical drawings)*

These 3 items are different ones, Item 20106 will have a thickness of 30 cm, Item 20106.1 will have a thickness of 20 cm, in both cases the mixture will be treated with cement.

Overhead layer under Item 20106.2 is not treated with cement, the thickness will be in accordance with the drawings.

### Question 31

**Lot 1:** Please provide us with the location or approximate distance to where the materials resulting from demolitions or the dismantling of elements such as curbs, parapets, signs, etc. will be transported.

### Answer 31

Approximate distance to the location where demolished materials are to be transported is 50-60 km.

### Question 32

**Lot 1:** According to Volume 3.1. Road Works - Drawings, 5 pieces of Box Culverts, 2.0 m x 2.0 m, (span x rise) will be executed with positions km PC 53+27.51, PC 113+08.36, PC 132+77.19, PC 149+28.74, PC 160+74.2 with a cumulative length of 67.00 ml, and according to BoQ\_LOT 1\_G88 - km 0+00 - km 16+200 - Bill No. 500, DRAINAGE STRUCTURES / Lista Nr. 500, STRUCTURI DE DRENAJ - Construction of new concrete to box culverts:

50106.1	Box Culverts, 2,0 m x 2,0 m, (span x rise) Podețe dreptunghiulare, 2,0 m x 2,0 m, (travee x mărire)	L.m. / m.l.		55.00
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We would like you to tell us where the difference of 12.00 ml of the culvert will be quoted.

### Answer 32

The bidders are requested to present their price offer according to BoQ for Item 50106.1. The quantities given in the BoQ are estimated and provisional, and are given to provide a common basis for bidding. The quantities stated against each Bill Item of the BoQ may increase or decrease depending on the final measurement of the as built records.

### Question 33

**Lot 1:** For BoQ\_LOT 1\_G88 - km 0+00 - km 16+200 - Draft Law No. 500, DRAINAGE STRUCTURES / List No. 500, DRAINAGE STRUCTURES - Construction of inlet and outlet openings of concrete bridges up to cassette bridges:

50104.1	Box Culverts, 2,0 m x 2,0 m , (span x rise) Podețe dreptunghiulare, 2,0 m x 2,0 m, (travee x mărire)	pcs / buc		9.00
50104.2	Box Culverts, 2,0 m x 2,0 m , (span x rise) /elevated pipe/ Podețe dreptunghiulare, 2,0 m x 2,0 m, (travee x mărire) /cu elmennt ridicat/	pcs / buc.		2.00
50104.3	Box Culverts, 2 x (2,0 m x 2,0) m, (span x rise) Podețe dreptunghiulare, 2 x (2,0 m x 2,0) m, (travee x mărire)	pcs / buc		2.00
50104.4	Box Culverts, 1,0 m x 0,75 m, (span x rise) Podețe dreptunghiulare, 1,0 m x 0,75 m, (travee x mărire)	pcs / buc		2.00

Rehabilitation Works on Corridor 8:  
 “Lot 1: Contract MRCP/W1/01: Road G88: Cornești – Boghenii Noi – Năpădeni – M5, km 0+000 –km 16+200;  
 Lot 2: Contract MRCP/W1/02: Road G88: Cornești – Boghenii Noi – Năpădeni – M5, km 16+200 –km 25+090 (Section 1) and  
 Road G86: G88 – Dereneu – G85, km 0+000 – km 8+395 (Section2)”

50104.5	Box Culverts, 3 x (1,60 m x 1,20 m), (span x rise) Podețe dreptunghiulare, 3 x (1,60 m x 1,20 m), (travee / x mărime)	pcs / buc.		2.00
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We kindly ask you to provide us with execution details, namely the categories of works/quantities for requested elements, in order to prepare the most accurate offer.

**Answer 33**

The List of works related to each culvert are provided in Section VII – Works’ Requirements, Drawings (Volume 6.1) which is provided through Amendment No.6 to the RfB, issued on the same date with these Clarifications.

**Question 34**

**Lot 1:** Please specify under which items of the BOQ is quoted the "Culvert pipe repair (2Ø2.0 + 2.0x2.0) PC 59+62.40” according to the specifications in the drawings.

**Answer 34**

All the works related to the repair of culverts are summarized in the following items: 50201, 50202, 50208, 50112, 50113, 90104.

**Question 35**

**Lot 1:** Please specify under which items of the BOQ is quoted the “Culvert pipe repair 2 Ø1.5 m dissipator construction PC 35+64.17” according to the specifications in the drawings.

**Answer 35**

All the works related to the repair of culverts are summarized in the following items: 50201, 50202, 50208, 50112, 50113, 90104.

**Question 36**

**Lot 1:** For BoQ\_LOT 1\_G88 - km 0+00 - km 16+200 - Bill No. 500, DRAINAGE STRUCTURES / List No. 500, DRAINAGE STRUCTURES - Extension of concrete box culverts:

50108.1	Box Culverts, 2,0 m x 2,0 m, (span x rise) Podețe dreptunghiulare 2,0 m x 2,0 m, (travee x mărime , 0	L.m. / m.l.		1.00
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We kindly ask you to send us execution details and the categories of works/quantities for the requested elements, in order to prepare the most accurate offer.

**Answer 36**

The List of works related to each culvert are provided in Section VII – Works’ Requirements, Drawings (Volume 6.1) which is provided through Amendment No.6 to the RfB, issued on the same date with these Clarifications.

See Drawings: Volume 3.1 Road Works, Sheet No.203.

**Question 37**

**Lot 1:** For BoQ\_LOT 1\_G88 - km 0+00 - km 16+200 - Bill No. 500, DRAINAGE STRUCTURES / Lista Nr. 500, DRAINAGE STRUCTURES - PAVED WATERWAYS:

50302	Consolidation of trapezoidal channel Type 1	
50302.1	Consolidation of trapezoidal channel Type1 - concrete, b=0,4, h=0.5 (1:1,5/3) (in accordance with the technical drawings) Consolidarea rigolelor trapezoidale de Tip 1 b=0,4, h=0.5 (1:1,5/3) (conform desenelor tehnice)	L.m. / m.l.
50303	Consolidation of trapezoidal channel Type 2	
50303.1	Consolidation of trapezoidal channel Type 2 , b=0.40, h=0.50 (1:1,5/3) Consolidarea rigolei trapezoidal de Tip 2 b=0.40, h=0.50 (1:1,5/3)	L.m. / m.l.
50303.2	Consolidation of trapezoidal channel Type 2 , b=1,00, h=0.50 (1:1,5) Consolidarea rigolei trapezoidal de Tip 2 b=1.00, h=0.50 (1:1,5)	L.m. / m.l.

We kindly ask you to send us the execution details as mentioned in Type 1 and Type 2, because this is not clearly indicated in the drawings provided. We also ask you to send us the related dimensions for the gutters/trenches.

**Answer 37**

Types of trapezoidal channels with dimensions are indicated in Section VII – Works’ Requirements, Drawings (on sheet 221 of Volume: 3.1 Road Works).

**Question 38**

**Lot 1:** For BoQ\_LOT 1\_G88 - km 0+00 - km 16+200 - Bill No. 500, DRAINAGE STRUCTURES / Lista Nr. 500, STRUCTURI DE DRENAJ - MINOR CONCRETE STRUCTURES:

50309	Construct erosion basin to lined side drain. Type 2 Construcția bazinului de disipare la rigola laterală betonată. Tip 2	2	pcs / buc.
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We kindly ask you to send us execution details.

**Answer 38**

Details for the erosion basin to lined side drain with dimensions are indicated in Section VII – Works’ Requirements, Drawings (on sheet 214 of Volume: 3.1 Road Works).

**Question 39**

**Lot 1:** For BoQ\_LOT 1\_G88 - km 0+00 - km 16+200 - Bill No. 500, DRAINAGE STRUCTURES / Lista Nr. 500, STRUCTURI DE DRENAJ - MINOR CONCRETE STRUCTURES / Miscellaneous minor concrete structures:

50403	Outlet dissipator / Disipator în aval	m3
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We would like to ask you to send us the execution details. We would like you to confirm that the unit of measurement is in m3.

**Answer 39**

Details for the outlet dissipator with dimensions are indicated in Section VII – Works’ Requirements, Drawings (on sheet 196 of Volume 3.1: Road Works).

The quantities should be provided in m3.

**Question 40**

**Lot 1:** For BoQ\_LOT 1\_G88 - km 0+00 - km 16+200 - Bill No. 500, DRAINAGE STRUCTURES / Lista Nr. 500, STRUCTURI DE DRENAJ - MINOR CONCRETE STRUCTURES / OPEN DRAINS, SIDE DRAINS /:

50503	Rectangular reinforced manholes including all pipe connections to existing ditches etc.as instructed by the supervision engineer Cămine dreptunghiulare din beton armat, inc. conexiunea tuturor țevilor la șanțurile (rigolele) existente conform instrucțiunilor Inginerului	m3
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We would like to ask you to send us the execution details. We would like to confirm that the unit of measurement is in m3 because according to Volume 4.1. Tehnical Specifications, CHAPTER 505. OPEN DRAINS, SIDE DRAINS – the payment and the measurement is made per running metre.

**Answer 40**

Details for the rectangular reinforced manholes with dimensions are indicated in Section VII – Works’ Requirements, Drawings (on sheet 217 of Volume 3.1: Road Works).

The quantities should be provided in m3.

**Question 41**

**Lot 1:** For BoQ\_LOT 1\_G88 - km 0+00 - km 16+200 - Bill No. 500, DRAINAGE STRUCTURES / Lista Nr. 500, STRUCTURI DE DRENAJ – KERBS:

50803.1	In situ execution of concrete kerbing and backing – type 2, (B-1-20-75) (in accordance with the technical drawings) Execuția in situ a bordurilor de beton și fixarea lor - tip 2 (B-1-20-75) (conform desenelor tehnice)	L.m. / m.l.
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We kindly ask you to send us execution details.

**Answer 41**

The execution of concrete kerbing and baching – type 2 will be according to Section VII – Works’ Requirements, Drawings (sheet 213 from Volume 3.1: Road Works).

**Question 42**

**Lot 1:** For BoQ\_LOT 1\_G88 - km 0+00 - km 16+200 - Bill No. 500, DRAINAGE STRUCTURES / List No. 500, DRAINS, MANHOLES, EXIT GULLY:

50902	Construction of filer subdrains Construcția drenelor subterane de filtrare	L.m. / m.l.
50905	Construction of the silt trap Construcția decantorului pentru nămol	Pcs./buc.

We kindly ask you to send us execution details.

**Answer 42**

The execution of the construction of filter subdrains and of the silt trap will be according to Section VII – Works’ Requirements, Drawings (sheet 217-220 from Volume 3.1: Road Works).

**Question 43**

**Lot 1:** For BoQ\_LOT 1\_G88 - km 0+00 - km 16+200 - Bill No. 600, INCIDENTAL CONSTRUCTION / List No. 600, ADDITIONAL CONSTRUCTION, GUARDRAIL:

60106	Pedestrian protection barrier (for culverts and road) Bariera de protectie pietonala (la podete si drum)	L.m. / m.l.
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We kindly ask you to send us execution details.

**Answer 43**

The details of the pedestrian handrail are provided in Section VII – Works’ Requirements, Drawings, sheet 37 (Volume 3.1: Road signs and marking).

The details of handrail on bridges are provided in the Volume related to bridge works.

Contractor must note that all the pedestrian handrails must be galvanized.

**Question 44**

**Lot 1:** For BoQ\_LOT 1\_G88 - km 0+00 - km 16+200 -Bill No. 200, EARTHWORKS / Lista No. 200, EARTHWORKS - SHAPING AND PLANTING OF SLOPES AND EXCAVATED SURFACES:

20403	Provide grassing to embankment and road sides, incl maintenance up to end of defects liability period cu iarbă a taluzurilor și marginii drumului, inclusiv întreținerea până la sfârșitul perioadei siguranței de garanție	m2	
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According to Volume 4.1\_ Tehnical Specifications - CHAPTER 204. SHAPING AND PLANTING OF SLOPES AND EXCAVATED SURFACES –204.02. Materials: „Bushes and shrubs shall be selected from locally available stock and approved by the Engineer. Approved bushes shall have a height, when fully grown, of some 1.5 to 3.0 meters and shall be of species which exhibit a strong and extensive root system with dense foliage. 204.04. Ground preparation for seeding The selected ground will be graded to final shape and lightly scarified; topsoil spread to a depth of not less than 150mm and vegetation, stones bigger than 50mm, etc. will be taken out. The topsoil will be lightly compacted and then scarified to a depth of 100mm. Planting and seeding will take place immediately after scarification. Bushes shall be planted by excavating a hole not less than 50 cm. diameter by 50 cm deep. The bush shall be securely rooted in the prepared hole using a growing medium of black

soil, peat moss and sand approved by the Engineer. The hole shall be filled to within 5 cm of the original ground level leaving a depression around the plant which will hold water during watering. If bush vegetating is carried out using cuttings rather than young bushes, they shall be planted in “nests” of 5-6 cuttings of a length of 0.5 to 0.8 m. planted at a depth of 0.45 to 0.6 m. using a prepared hole as above.” We would like you to let us know what types of trees will be planted and also their number.

**Answer 44**

The number of trees will depend on the conditions and distances mentioned in the technical specification. Also, take into consideration that the trees must be perennial.

The Contractor will prepare a proposal for approval by the Engineer.

**Question 45**

**Lot 1:** For BoQ\_LOT 1\_G88 - km 0+00 - km 16+200 - Bill No. 400.1, BRIDGES / List No. 400.1, Bridges - Abutment / Piers Culei / Piles – for the items:

50407	Cast-in-place concrete base C16/20 XF1 (Pad under foundation) Fundatia din beton monolit C16/20 XF1 (Beton sub fundatie)	Cubic meter
40304	Construction of cast-in-place RC caps on piers and abutments Executia banchetei din beton armat monolit pe elevatiile pilelor si a culeelor	Cubic meter
40305	Construction of cast-in-place RC backwalls and backwall wings Executia zidului de garda si a aripelor acestora din BA monolit	Cubic meter
40306	Construction of cast-in-place RC pedestals and seismic arrestors Executia cuzinetilor si a reazemelor antiseismici din BA monolit	Cubic meter

No items found for formwork and reinforcement activities, please clarify.

**Answer 45**

There is no separate item for formwork and reinforcement, these are to be included into BoQ items related to that specific work item. The Bill of Quantities shall be read in conjunction with all other parts of the Tender Documents.

**Question 46**

**Lot 1:** For BoQ\_LOT 1\_G88 - km 0+00 - km 16+200 - Bill No. 400.1, BRIDGES / Lista Nr.400.1, Bridges – Superstructure/Suprastructura – for the article: No items found for formwork and reinforcement activities, please clarify.

**Answer 46**

There is no separate item for formwork and reinforcement, these have to be included into BoQ items related to that specific work item.

**Question 47**

**Lot 1:** For BoQ\_LOT 1\_G88 - km 0+00 - km 16+200 - Bill No. 400.1, BRIDGES / List No. 400.1, Bridges – Bridge Deck/Bridge Path– for the item:

40901	Cast-in-place reinforced concrete sidewalks and cornice Executia trotuarului si cornisei din BA monolit	Cubic meter
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No items found for formwork and reinforcement activities, please clarify.

**Answer 47**

There is no separate item for formwork and reinforcement, these have to be included into BoQ items related to that specific work item.

**Question 48**

**Lot 1:** For BoQ\_LOT 1\_G88 - km 0+00 - km 16+200 - Bill No. 400.1, BRIDGES / List No. 400.1, Bridges – Bridge approach/Connection with the embankment– for the article:

41603	Furnishing and installing precast approach slabs Furnizarea si montarea dalelor de racordare prefabricate din BA	Cubic meter		17.44
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Given that the elements are prefabricated, we kindly ask you to quote the number of pieces and the corresponding unit of measurement. If it is desired to execute monolithic, we kindly ask you to send us the quantity of formwork and reinforcement that will be used.

**Answer 48**

Furnishing and installing of approach slabs is provided in sheets No. 8.1, 8.2, 9.1, 9.2.  
 The number of precast concrete slabs is mentioned in the tables from sheet No. 8.3 and 9.3.

**Question 49**

**Lot 1:** For BoQ\_LOT 1\_G88 - km 0+00 - km 16+200 - Bill No. 300, PAVEMENT / Lista Nr. 300, STRUCTURA RUTIERĂ - ASPHALT PAVEMENT MILLING / FREZAREA ÎMBRĂCĂMINTEI ASFALTICE:

30201	Asphalt Concrete Pavement Milling to any depth and re-use it according to project`s requirements ,including transportation as instructed by the Employer / Frezarea imbracamintei din beton asfaltic pina la orice adincime și re folosirea lui conform cerințelor de proiect, inclusiv transportarea conform instructiunii Beneficiarului	m3		11426.00
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We would like you to let us know the thickness of the existing road surface that will be milled.

**Answer 49**

The milling depth will be variable, in accordance with the cross-sections provided in the Construction Drawings.

**Question 50**

**Lot 1:** Regarding the proof of access to machinery, please specify the exact position in the project from which the length of 45 km to the asphalt station is calculated. From the information we poses, there is no asphalt plant available in a 45 km area so please also confirm that it is mandatory to provide a mobile plant and that the access to this resource may not be demonstrated by intents of supply agreements.

**Answer 50**

The distance was revised to 90 km, the Contractor is required to establish a project specific asphalt plant with the 90km distance of the worksite.

The distance of 90 km is the distance measured from the asphalt plant site to the end (or start) point of the project (depending on which is the most distant from the plant location).

**Question 51**

**Lot 1:** Please specify whether an asphalt supply contract is accepted.

**Answer 51**

No, a supply contract will not be accepted.

The Contractor is required to provide concrete conforming to the Contract Technical Specification and Standards. The Contractor may establish his own concrete plant or purchase complying concrete from an established Concrete supplier that is situated within a reasonable distance of the project site. The Engineer shall inspect and approve (or otherwise) concrete supply facilities which must be of good standard and capacity to produce consistent complying products.

#### Question 52

**Lot 2:** Please specify whether a concrete supply contract is accepted.

#### Answer 52

The Contractor is required to provide Concrete conforming to the Contract Technical Specification and Standards. The Contractor may establish his own concrete plant or purchase complying concrete from an established Concrete supplier that is situated within a reasonable distance of the project site. The Engineer shall inspect and approve (or otherwise) Concrete supply facilities which must be of good standard and capacity to produce consistent complying products

#### Question 53

**Lot 2:** In the situation plan we have the Extension of the existing footbridge D= 0.80 m; PC 170+88.22, while in the detail in the drawn part we have a tubular footbridge with D= 0.75 m (Sheet 204). Please clarify which diameter will be dimensioned.

#### Answer 53

Please follow the detailed drawings, as per Section VII – Works’ Requirements, Drawings (sheet 204 from Volume 3.1: Road Works).

#### Question 54

**Lot 2:** In the situation plan we have Repair of the existing footbridge 3x(2.50x2.00 m), PC 239+92.89, and in detail it is listed Replacement of the ends of the rectangular footbridge 2(2.5x2.0) PC 239+93.31. Please specify how many prefabricated elements will be used in the execution of the footbridge.

**BILL OF QUANTITIES – s.1 G88, km 16+200 - km 25+090**

#### Answer 54

The number of precast elements and other materials to be used for this triple box culvert (2.5x2.0) are provided in Section VII – Works’ Requirements, Drawings (on sheet no 219 from Volume 3.1: Road Works).

**Question 55**

**Lot 2:** According to Bill No. 500, DRAINAGE STRUCTURES - Construction of culverts at side roads:

50111.2	to Pipe culverts Ø 800 / Podețe tubulare Ø 800	L.m. / m.l.		75.00
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In the situation plan there are: Bridge D=0.80 m at side access, L=12.50 m = 3 pieces, Ltot=37.5 m. Please specify the positions of the other platforms and the final length to be measured.

**Answer 55**

All the culverts on the main road or on minor intersections are shown in Section VII – Works’ Requirements, Drawings (on the plan in the Volume 3.1: Road Works on both sections of Lot 2).

The details of the culverts located on the main road are shown in Section VII – Works’ Requirements, Drawings (Volume 3.1). For example: on section 2, Lot 2, from sheet no.61 onward. The details of the culverts located at minor intersections are shown in the same volume of the Section VII – Works’ Requirements, Drawings on sheet no 187.

**Question 56**

**Lot 2:** According to Bill No. 500, DRAINAGE STRUCTURES - Construction of culverts at side roads:

50106.5	Box Culverts, 3 x (1,60 m x 1,0 m), (span x rise) Podețe dreptunghiulare, 3 x (1,60 m x 1,0 m), (traveee x mărire)	L.m. / m.l.		15.00
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In the Situation Plan + detail you can find Closed frame gutter 3 (1.60x1.20); PC 207+90.00. We would like you to specify the final dimensions that will be quoted for the execution of the footbridge.

**Answer 56**

Please note that Item 50106.5 refers to triple box culvert and not to closed frame gutter. At PC 207.90 it is foreseen construction of closed frame gutter type 3 with dimensions (1.60x1.20). The details of this structure are shown on sheets no 211-213.

**Question 57**

**Lot 2:** Please specify under which items of the BOQ is quoted the "Replacement of inlet/outlet culvert pipe rings 2Ø1.0m TN PC208+08.28" according to the specifications in the drawings.

**Answer 57**

Construction of culvert inlets and outlets to double pipe culverts (2Ø1.0m) are included in the BoQ Item 50103.7 and 50109.

**Question 58**

**Lot 2:** Please specify under which items of the BOQ is quoted the Inlet/Outlet concrete reinforcement for culvert pipes type Ø1.0m TN and Inlet/Outlet concrete reinforcement for culvert pipes type Ø1.2m TN according to the specifications in the drawings.

**BILL OF QUANTITIES – s.2 G86, km 0+00 - km 8+395**

**Answer 58**

The works for inlet/outlet concrete reinforcement for culvert pipes type Ø1.0m TN and Inlet/Outlet concrete reinforcement for culvert pipes type Ø1.2m are included in the Items from “Minor concrete structures” (50401.3).

The works for inlet/outlet concrete reinforcement for culvert construction with diameter of 1m and 1.2m are quoted under items 50109.01 and 50109.02.

**Question 59**

**Lot 2:** According to Bill No. 500, DRAINAGE STRUCTURES - Construction of new concrete pipe culverts:

50105.2	to Pipe culverts Ø 1 000 mm / Podețe tubulare Ø 1 000 mm	L.m. / m.l.		60.00
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According to the location plans, there are 5 pieces with L tot=80.9 m. Please specify the total length that will be quoted.

**Answer 59**

The quantities given in the BoQ are estimated and provisional, and are given to provide a common basis for tenderer. The quantities stated against each Bill Item of the BoQ may increase or decrease depending on the final measurement of the as built records.

**Question 60**

**Lot 2:** According to Bill No. 500, DRAINAGE STRUCTURES - Construction of culvert inlets and outlets in concrete to pipe culverts:

50103.5	to Pipe culverts Ø 1 400 mm / Podețe tubulare Ø 1 400 mm	pcs / buc.		2
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According to the drawing, a Ø 1,400 mm bridge is located at position PC 16+17, Please send us the execution details for the second bridge.

**Answer 60**

The Section VII – Works’ Requirements, Drawings (Volume 3.1: Road Works of the Section 2, sheet 73-74) contains all the necessary information related to the culvert execution.

Please note that there is only one Bridge on Lot 2, which is located at PC247+40.

**Question 61**

**Lot 2:** According to Bill No. 500, DRAINAGE STRUCTURES - Construction of culvert inlets and outlets in concrete to pipe culverts:

50103.4	to Pipe culverts Ø 1 200 mm / Podețe tubulare Ø 1 200 mm	pcs / buc.		11
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**Answer 61**

Please refer to the Section VII – Works’ Requirements, Drawings (Volume 3.1: Road Works) of the Section 2, which contain all the necessary information related to the culvert execution.

**Question 62**

**Lot 2:** According to the part drawn for the Ø 1,200 mm Deck in the plans, there are 6 pieces. We would like you to specify at which km positions the 11 pieces are found and to send us the execution details.

**Answer 62**

The Pipe culverts with diam of 1.2m can be found in Section VII – Works’ Requirements, Drawings (Volume 3.1: Road Works) on the road plan, from sheet 4 to sheet 27. The chainage of each culvert is indicated right to each culvert on the road plan. For example, 1<sup>st</sup> culvert can be found on sheet 9 at the chainage PC 18+45.

The details of execution related to each culvert separately can be found in Section VII – Works’ Requirements, Drawings (Volume 3.1: Road Works), starting from sheet no 61.

### Question 63

**Lot 2:** Please specify how many bridges with Ø 1,500 mm are under repair and how many are new constructions and at what km positions they are located.

**BILL OF QUANTITIES – s.1 G88, km 16+200 - km 25+090 and BILL OF QUANTITIES – s.2 G86, km 0+00 - km 8+395**

### Answer 63

There are no bridges with diameter of 1.5m only culverts.

The Pipe culverts with diameter of 1.5m can be found in Section VII – Works’ Requirements, Drawings (Volume 3.1: Road Works) on the road plan, from sheet 4 to sheet 27. The chainage of each culvert is indicated right to each culvert on the road plan. See example from Answer to Question 49.

The details of execution related to each culvert separately can be found in Section VII – Works’ Requirements, Drawings (Volume 3.1: Road Works) starting from sheet no 61, all four culverts with diameter of 1.5m will new structures.

### Question 64

**Lot 2:** Please provide us with the location or approximate distance to where the materials resulting from demolitions or the dismantling of elements such as curbs, parapets, signs, etc. will be transported.

### Answer 64

Please refer to Answer of **Question 31**.

### Question 65

**Lot 2:** For Bill No. 500, DRAINAGE STRUCTURES- PAVED WATERWAYS:

50302	Consolidation of trapezoidal channel Type 1	
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50302.1	Consolidation of trapezoidal channel Type1, b=0,4, h=0.5 (1:1,5/3) (accordance with the technical drawings) Consolidarea rigolelor trapezoidale de Tip 1 b=0,4, h=0.5 (1:1,5/3) (conform desenelor tehnice)	L.m. / m.l.
50302.2	Consolidation of trapezoidal channel Type1, b=0,4, h=0.4 (1:1,5) (accordance with the technical drawings) Consolidarea rigolelor trapezoidale de Tip 1 b=0,4, h=0.4 (1:1,5) (conform desenelor tehnice)	L.m. / m.l.
50303	Consolidation of trapezoidal channel Type 2	
50303.1	Consolidation of trapezoidal channel Type 2 , b=0.40, h=0.50 (1:1,5/3) Consolidarea rigolei trapezoidal de Tip 2 b=0.40, h=0.50 (1:1,5/3)	L.m. / m.l.
50303.2	Consolidation of trapezoidal channel Type 2 , b=0.40, h=0.40 (1:1,5) Consolidarea rigolei trapezoidal de Tip 2 b=0.40, h=0.40 (1:1,5)	L.m. / m.l.
50304	Consolidation of channel Type 3	
50303.1	Consolidation of rectangular channel Type 3, b=1,0, h=1,0 (accordance with the technical drawings) Consolidarea rigolei dreptunghiulare de Tip 3, b=1,0 h=1,0 (conform desenelor tehnice)	L.m. / m.l.
50303.2	Consolidation of rectangular channel Type 3, b=1,5, h=1,0 (accordance with the technical drawings) Consolidarea rigolei dreptunghiulare de Tip 3, b=1,5 h=1,0 (conform desenelor tehnice)	L.m. / m.l.
50305	Consolidation of channel Type 4	
50305.1	Consolidation of channel Type 4, b=0,68, h=0,45 type L4-8 (accordance with the technical drawings) Consolidarea rigolelor de Tip 4, b=0,68, h=0,45 tip L4-8 (conform desenelor tehnice)	L.m. / m.l.
50305.2	Consolidation of channel Type 4, b=0,90, h=0,45 type L6-8 (accordance with the technical drawings) Consolidarea rigolelor de Tip 4, b=0,90, h=0,45 tip L6-8 (conform desenelor tehnice)	L.m. / m.l.
50305.3	Consolidation of channel Type 4, <u>Capture chamber</u> (accordance with the technical drawings) Consolidarea rigolelor de Tip 4, Camera de captare (conform desenelor tehnice)	L.m. / m.l.

We kindly ask you to send us the execution details because this is not clearly indicated in the drawings provided. We also ask you to send us the related dimensions for the gutters/trenches.

#### Answer 65

Please follow Section VII – Works' Requirements, Drawings (Volume 3.1: Road Works, sheet No. 42-47 and 56-60).

#### Question 66

**Lot 2:** For Bill No. 500, DRAINAGE STRUCTURES / Lista Nr. 500, OPEN DRAINS, SIDE DRAINS:

50803.1	In situ execution of concrete kerbing and backing – type 2, (B-1-20-75) (accordance with the technical drawings) Execuția in situ a bordurilor de beton și fixarea lor - tip 2 (B-1-20-75) (conform desenelor tehnice)	L.m. / m.l.		2567.00
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We kindly ask you to send us execution details.

**Answer 66**

Please follow Section VII – Works’ Requirements, Drawings (Volume 3.1: Road Works, Sheet No. 229).

**Question 67**

**Lot 2:** For Bill No. 500, DRAINAGE STRUCTURES / Lista Nr. 500, OPEN DRAINS, SIDE DRAINS:

50503	Rectangular reinforced manholes including all pipe connections to existing ditches etc.as instructed by the supervision engineer Cămine dreptunghiulare din beton armat, inc. conexiunea tuturor țevilor la șanțurile (rigolele) existente conform instrucțiunilor Inginerului supervisor	m3		8.80	0.00	72.80	0.00
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We would like to ask you to send us the execution details. We would like to confirm that the unit of measurement is in m3 because according to Volume 4.1. Tehnical Specifications, CHAPTER 505. OPEN DRAINS, SIDE DRAINS – the payment and the measurement is made per running metre. We would like you to confirm that this is not a mistake of redaction and that the unit of measurement is in pieces?

**Answer 67**

The unit of measurement is provided in m3.

**Question 68**

**Lot 2:** For Bill No. 600, INCIDENTAL CONSTRUCTION / List No. 600, ADDITIONAL CONSTRUCTION, GUARDRAIL:

Rehabilitation Works on Corridor 8:  
 “Lot 1: Contract MRCP/W1/01: Road G88: Cornești – Boghenii Noi – Năpădeni – M5, km 0+000 –km 16+200;  
 Lot 2: Contract MRCP/W1/02: Road G88: Cornești – Boghenii Noi – Năpădeni – M5, km 16+200 –km 25+090 (Section 1) and  
 Road G86: G88 – Dereneu – G85, km 0+000 – km 8+395 (Section2)”

60106	Pedestrian protection barrier (for culverts and road) Bariera de protectie pietonala (la podete si drum)	L.m. / m.l.		76.00	0.00	275.00
60301	Metal fence (accordance with the technical drawings) Gard din metal (conform desenelor tehnice)	L.m. / m.l.		-	0.00	40.00

We kindly ask you to send us execution details.

#### Answer 68

The execution of the pedestrian protection barrier will be according to the Section VII – Works’ Requirements, Drawings (Volume 3.6: Road signing and marking) – sheet 37.

Please take into consideration that pedestrian barriers will be galvanized.

#### Question 69

**Lot 2:** For BOQ - Lot 2 : s.1 G88 km 16+200 - km 25+090; s.2 G86 km 0+00 - km 8+395 - Bill No. 300, PAVEMENT / Lista Nr. 300, STRUCTURA RUTIERĂ – ASPHALT PAVEMENT MILLING / FREZAREA ÎMBRĂCĂMINTEI ASFALTICE:

30201	Asphalt Concrete Pavement Milling to any depth and re-use it according to project`s requirements, including transportation as instructed by the Employer Frezarea imbracamintei din beton asfaltic pina la orice adincime și refolosirea lui conform cerințelor de proiect,	m3		463.00	510.00
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We would like you to let us know the thickness of the existing road surface that will be milled.

#### Answer 69

Please refer to Answer of **Question 49**.

#### Question 70

**Lot 2:** For BOQ - Lot 2: s.1 G88 km 16+200 - km 25+090; s.2 G86 km 0+00 – km 8+395 - Bill No. 500, DRAINAGE STRUCTURES / Lista Nr. 500, STRUCTURI DE DRENAJ - DRAINS, MANHOLES, EXIT GULLY / DRENE DE FILTRARE, CĂMINE DE VIZITARE, GURI DE SCURGERE:

50903	Construction of manholes (accordance with the technical drawings) Construcția căminelor de vizitare	L.m. / m.l.		59.89	0.00	14.24	0.00
50904	Construction of the exit gully (accordance with the technical drawings) Construcția gurilor de scurgere in aval	L.m. / m.l.		80.00	0.00	-	0.00

We would like you to confirm that this is not a mistake of redaction and that the unit of measurement is in pieces? For the “Construction of the exit gully (accordance with the technical drawings) “, please mention exactly which detail to consider. Thank you.

**Answer 70**

The measurement unit is provided in linear meters, the construction will be in accordance with the Technical Drawings:

- Section 1 (Sheet 238-40); Section 2, at PC 22+62 and PC 24+90 (Sheet 65-70).

**Question 71**

**Lot 2:** Regarding the proof of access to machinery, please specify the exact position in the project form which the length of 45 km to the asphalt station is calculated. From the information we possess, there is no asphalt plant available in a 45 km area so please also confirm that it is mandatory to provide a mobile plant and that the access to this resource may not be demonstrated by intents of supply agreements.

**Answer 71**

Please refer to Answer of **Question 50**.

**Question 72**

**Lot 2:** Please specify whether an asphalt supply contract is accepted.

**Answer 72**

Please refer to Answer of **Question 51**.

**Question 73**

**Lot 2:** Please specify whether a concrete supply contract is accepted.

**Answer 73**

Please refer to Answer of **Question 52**.

#### Question 74

##### **Recycled Aggregates:**

According to the Technical Specifications, the contribution of recycled aggregates to the formation of the mixture shall not exceed 20%. However, in the BOQ, for Item 30801, this ratio is stated as 25%. Please clarify this inconsistency.

##### **Recycled Aggregates**

The recycled aggregates used to form the mixture will be aggregates from milling and demolition of the existing road structure. The contribution of recycled aggregates to the formation of the mixture will be no more than 20%.

#### Answer 74

The milled material to be used in the mixture will be in proportion of 25%.

#### Question 75

##### **BOQ Items 50302, 50303, 50304, 50305:**

The BOQ includes items 50302, 50303, 50304, and 50305; however, these items could not be found in the drawings. Please clarify or indicate where these items are shown.

#### Answer 75

The details for BoQ Items 50302, 50303, 50304, 50305 can be found in the Section VII – Works’ Requirements, Drawings (Volume 3.1: Sheet 42-47 and 56-60).

#### Question 76

##### **Clarification on Design Criteria for Drainage Structure:**

Has the design of the drainage structures been based on rainfall with a 10% probability (return period), or has it been prepared considering lower-probability rainfall events that take into account changing climate conditions? In case the design is based on a 10% probability rainfall, may the Contractor review the drainage structures (during the construction stage) for lower-probability rainfall events and, if found inadequate, propose necessary design modifications for the Employer’s consideration?

#### Answer 76

The drainage structure was calculated with a 1% probability (return period) outside villages and 3% in the villages. There is no requirement to revise the design.

#### Question 77

In the Bill of Quantities, **Lot 1**, “Bill No. 400.1, BRIDGES”, the description of item no 41002 states that “**Wearing course of Stone Mastic Asphalt BA16rul 50/70 thickness 40mm**”. However, in the bill of quantities, lot 2, “Bill No. 400 BRIDGES” description of item no 41002 states that “**Wearing course of Stone Mastic Asphalt MAS16 50/70 thickness 50mm**”. The Bidder considers that the correct description for stone mastic asphalt is “**MAS16**”. Please confirm. Also, please clarify whether the type of bitumen to be used for the Stone Mastic Asphalt is “Bitumen 50/70” or “Polymer Modified Bitumen (PMB 45/80).”

#### Answer 77

The thickness of the wearing course on bridges will be 40mm, the BoQ Item description was revised to “**Fine Asphalt Concrete/Beton Asfaltic BA16 50/70 rul**”, The modified BoQ is provided through Amendment No.6 to the RfB, issued on the same date with these Clarifications. The bitumen used for the wearing course will be “Polymer Modified Bitumen (PMB 45/80-80).”

#### Question 78

In the Bill of Quantities, **Lot 1**, Bill No 500. The bidder could not find any drawings for item no **50104.2**, **50104.4** and **50108.1**. Please provide drawings for related items.

#### Answer 78

The details of the Box culverts with dimensions 2.0x2.0m, 1x1.75m and extension of a box culvert with dimensions of 2.0x2.0m can be found in the Section VII – Works’ Requirements, Drawings (Volume 3.1, from sheet 189 to sheet 206).

#### Question 79

In the Bill of Quantities for Lot 2, Bill No. 500, Item No. 50405.6, the description of the related item states: “**Precast RC slab 100x150x10cm – Dala prefabricate de beton armat 300x150x10cm**”.

#### Answer 79

The Description of the Item No 50405.6 was revised as follows: “**Precast RC slab 300x150x10cm – Dala prefabricate de beton armat 300x150x10cm**”. The revised BoQ is provided in Amendment No.6 to the RfB, issued on the same date with these Clarifications.

#### Question 80

In the Bill of Quantities for Lot 2, Bill No. 700, Item No. 70106.3, the description of the related item states: *“Install new signs on new poles Type 2000x1000 – Instalarea indicatoarelor rutiere noi pe stilpi noi 2000x1020 mm”*.

**Answer 80**

The Description of the Item No 70106.3 was revised as follows: *“Install new signs on new poles Type 2000x1020 – Instalarea indicatoarelor rutiere noi pe stilpi noi 2000x1020 mm”*. The revised BoQ is provided in Amendment No.6 to the RfB, issued on the same date with these Clarifications.

**Question 81**

In the Drawings, Volume 3.6 Road Signing and Marking (Volume 3.3 Road Signind and Marking for the Lot 2 Section2) the bidder could not find any detail table for the list of road signs, marking and marker posts also breakdown for the road signs and its poles by chainage of the project. Please provide related missing tables for all the sections.

**Answer 81**

Details for road signs and road marking can be found in Section VII – Works’ Requirements, Drawings (Volume 3.3: Road Signing and Marking).

The breakdown for the road signs and its poles by chainage will be provided by the Designer during the execution of the works.

**Question 82**

***Contract MRCP/W1/01: Road G88: Cornesti-Boghenii Noi -Napadeni-M5,  
 km 00+000- km 16+200;***

Regarding the Bill no. 800, ENGINEERING SERVICES / Lista nr. 800, SERVICII DE INGINERIE – ARRANGEMENT OF POWER LINES. ROAD ILLUMINATION

<b>80107</b>	<b>Automatic system for pedestrian crosswalks with traffic light based on solar panel, poles-9.0m (accordance with the technical drawings) Sistem autonom de atentionare a trecerilor pietonale cu semafor pe baza de panou solar (conform desenelor tehnice)</b>	<b>Pcs. / buc.</b>	<b>20.00</b>	<b>0.00</b>
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We kindly ask you to provide us with the documentation related to the mentioned works.

**Answer 82**

The detailed drawings are provided in the Section VII – Works’ Requirements, Drawings (Volume 3.4: Road Lighting for Section 2.2, Volume 3.6; Road signing and marking for Section 2.1 and Volume 3.6: Road signs and marking for Lot 1).

**Question 83**

For section III – Evaluation and Qualification Criteria -1.5. Equipment, please specify if we will use a single Asphalt mixing plant, batch type, minimum output 180 tonnes/hour, if the use of a single Cold Recycling Equipment kit (to specify type) is accepted, which has the necessary production capacity to cover both batches.

**Answer 83**

In accordance with the section III – Evaluation and Qualification Criteria -1.5. Equipment the bidder will have to provide an Asphalt plant with minimum output 180 tonnes/hour, for bidders submitting bids for more than one lot may provide a single Asphalt mixing plant for both lots.

The equipment to be used for distribution of the mixture of Cold recycling materials shall be able to lay uniformly the material, according to the line and level and roughness requirements during compaction. The recycled mixture shall be placed without segregations. The Bidder have to specify the type of equipment to be used under this work, taking into consideration the requirement from Technical Specifications.

**Question 84**

Regarding the Bill no. 200, EARTHWORKS / Lista nr. 200, LUCRARI DE TERASAMENT-THE EXECUTION OF THE EARTHWORKS:

<b>20101</b>	<b>Excavate, load, place and compact in road embankment, incl haulage and benching of embankment slope for widen the existing road embankment</b> Excavarea, încărcarea, așternerea și compactarea materialului din rambleul drumului, inclusiv transportarea materialului și amenajarea treptelor de înfrățire	<b>m<sup>3</sup></b>	<b>74481.00</b>	<b>0.00</b>
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	<b>pe taluzuri în cazul casetelor de supralărgire a terasamentelor existente.</b>			
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We would like you to specify whether the compaction works and preparation of the support bed do not overlap with the works in the article:

<b>20105</b>	<b>Shaping of the subgrade layer (formation level) Profilara stratului de fundatie de pamint (patul drumului)</b>	<b>m<sup>2</sup></b>	<b>222928.00</b>	<b>0.00</b>
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**Answer 84**

These Items describe two different type of work. Item 20101 refers to widening construction, while the Item 20105 refers to shaping of the subgrade layer on the existing road.

**Question 85**

We would like to ask you to specify whether the works for seasonal winter maintenance are our responsibility, namely the snow removal and road cleaning works. If so, we would like to ask you to specify under which items these works will be quoted.

**Answer 85**

No, the Employer will be responsible for winter maintenance, such as snow cleaning and distribution of non-slip material.

**Question 86**

Please specify in which currency the provisioned amount is quoted and what is the exchange date that will be taken in consideration for the rate exchange:

<i>Provisional Sum *</i>	<i>(B)</i>	<b>587,000.00</b>
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**Answer 86**

Please refer to Amendment Document no.6 to the RfB, issued on the same date with these Clarifications where this matter is addressed.

The provisional amount for Lot1 is revised from 587,000.00 to 572,000.00.

The Items from the Provisional Sum Bill are provided in EUR.

Please refer to the following provisions of the Clause ITB 36.1 of the Section II – Bid Data Sheet (BDS):

“The source of exchange rate shall be: *National Bank of Moldova*.

The date for the exchange rate shall be: *the date of bids opening.*

“Alternative B: Bidders quote in local and foreign currencies

The Employer will convert the amounts in various currencies in which the Bid Price, corrected pursuant to ITB 35, is payable (excluding Provisional Sums but including Daywork where priced competitively) to the single currency identified above at the selling rates established for similar transactions by the authority specified and, on the date, stipulated above.

For the sake of clarify, bidders shall note that according to the Section I – Instructions to Bidders (ITB), Clause 37. Evaluation Process, Financial Parts, para. (a) the Bid price is evaluating, excluding Provisional Sums and the provision, if any, for contingencies in the Summary Bill of Quantities.”

Please refer further to the Section IV - Bidding Forms; Appendix to Financial Part; Table C. Summary of Payment Currencies, Table: Alternative B, in the table’s last line, which states “Provisional sums expressed in foreign currency”.

**Question 87**

According to Volume 3.1 Road works, Longitudinal Profile, Sheet 21 and Rapid ditch, Sheet 215, Rapid ditch is found. We would like to ask you to specify where in the BOQ this category of works will be quoted and the total length of it?

**Answer 87**

For Lot I, rapid ditch is two types: Item 50303.1 – 5448 linear meters, Item 50303.2 – 20 linear meters.

**Question 88**

According to Volume 3.1 Road works, Longitudinal Profile, after analyzing the longitudinal profile the following quantities result:

<b><i>Obiectul: Lotul 1 (conform profile longitudinale)</i></b>		
<b>Stadiul fizic: PC 0+00 - 80+00; km 0+000 - km 8+000; Santul stang</b>		
<b>Beton</b>	<b>ml</b>	<b>960.085</b>
<b>Rigola rapida</b>	<b>ml</b>	<b>2271.17</b>

Rehabilitation Works on Corridor 8:  
 “Lot 1: Contract MRCP/W1/01: Road G88: Cornești – Boghenii Noi – Năpădeni – M5, km 0+000 –km 16+200;  
 Lot 2: Contract MRCP/W1/02: Road G88: Cornești – Boghenii Noi – Năpădeni – M5, km 16+200 –km 25+090 (Section 1) and  
 Road G86: G88 – Dereneu – G85, km 0+000 – km 8+395 (Section2)”

<b>Insemintare cu iarba</b>	<b>ml</b>	<b>260</b>
<b>Stadiul fizic: PC 0+00 - 80+00; km 0+000 - km 8+000; Santul drept</b>		
<b>Beton</b>	<b>ml</b>	<b>617</b>
<b>Rigola rapida</b>	<b>ml</b>	<b>1813.6</b>
<b>Insemintare cu iarba</b>	<b>ml</b>	<b>535</b>
<b>Stadiul fizic: PC 80+00 - PC 162+00; km 80+000 - km 16+200; Santul stang</b>		
<b>Beton</b>	<b>ml</b>	<b>1781.73</b>
<b>Rigola rapida</b>	<b>ml</b>	<b>220</b>
<b>Insemintare cu iarba</b>	<b>ml</b>	<b>6158.54</b>
<b><u>TOTAL (sum)</u></b>		
<b>Beton</b>	<b>ml</b>	<b>3358.815</b>
<b>Rigola rapida</b>	<b>ml</b>	<b>4304.77</b>
<b>Insemintare cu iarba</b>	<b>ml</b>	<b>6953.54</b>

We would like you to specify how these categories of work will be priced because there is no traceability between the drawn part and the Bill no. 500, DRAINAGE STRUCTURES:

<b>50302</b>	<b>Consolidation of trapezoidal channel Type 1</b>			
<b>50302.1</b>	<b>Consolidation of trapezoidal channel Type1 - concrete, b=0,4, h=0.5 (1:1,5/3) (in accordance with the technical drawings) Consolidarea rigolelor trapezoidale de Tip 1 b=0,4, h=0.5 (1:1,5/3) (conform desenelor tehnice)</b>	<b>L.m. / m.l.</b>		<b>4212.00</b>

<b>50303</b>	<b>Consolidation of trapezoidal channel Type 2</b>			
<b>50303.1</b>	<b>Consolidation of trapezoidal channel Type 2 , b=0.40, h=0.50 (1:1,5/3) Consolidarea rigolei trapezoidal de Tip 2 b=0.40, h=0.50 (1:1,5/3)</b>	<b>L.m. / m.l.</b>		<b>5448.00</b>
<b>50303.2</b>	<b>Consolidation of trapezoidal channel Type 2 , b=1.00, h=0.50 (1:1,5) Consolidarea rigolei trapezoidal de Tip 2 b=1.00, h=0.50 (1:1,5)</b>	<b>L.m. / m.l.</b>		<b>20.00</b>

#### Answer 88

The bidders are requested to present their price offer according to BoQ. The quantities given in the BoQ are estimated and provisional, and are given to provide a common basis for tenderer. The quantities stated against each Bill Item of the BoQ may increase or decrease depending on the final measurement of the as built records.

#### Question 89

According to Volume 3.1 Road works, Road Structure type -Sheet 28, Megadrain 1240 Geotextile is installed in 4 layers over a length of 1000 m, resulting in an approximate quantity:

1000 m x 10.00 m x 4 straturi = 40. 000 mp

Conform Bill no. 200, EARTHWORKS / Lista nr. 200, LUCRARI DE TERASAMENT-THE EXECUTION OF THE EARTHWORKS-

<b>90101</b>	<b>Geotextil Type 2 (MacDrain1240 ) Geotextil Tip 2 (MacDrain1240 )</b>	<b>m<sup>2</sup></b>		<b>7345.00</b>	<b>0.00</b>
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Please clarify.

#### Answer 89

The bidders are requested to present their price offer according to BoQ. The quantities given in the BoQ are estimated and provisional, and are given to provide a common basis for tenderer. The quantities stated against each Bill Item of the BoQ may increase or decrease depending on the final measurement of the as built records.

#### Question 90

Regarding the Bill no. 500, DRAINAGE STRUCTURES / Lista nr. 500 –STRUCTURI DE DRENAJ- DRAINS, MANHOLES, EXIT GULLY/ DRENE DE FILTRARE, CAMINE DE VIZITARE, GURI DE SCURGERE-

Rehabilitation Works on Corridor 8:  
 “Lot 1: Contract MRCP/W1/01: Road G88: Cornești – Boghenii Noi – Năpădeni – M5, km 0+000 –km 16+200;  
 Lot 2: Contract MRCP/W1/02: Road G88: Cornești – Boghenii Noi – Năpădeni – M5, km 16+200 –km 25+090 (Section 1) and  
 Road G86: G88 – Dereneu – G85, km 0+000 – km 8+395 (Section2)”

<b>60403</b>	<b>Pipe drain (accordance with the technical drawings) Tuburile de drenaj (conform desenelor tehnice)</b>	<b>L.m. / m.l.</b>	<b>231</b>	<b>0.00</b>
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We would like you to specify what types of pipe drain will be used.

**Answer 90**

The details can be seen on Sheets 217-220.

**Question 91**

We would like to ask you to clarify whether the ditch digging works under Bill no. 200,  
 EARTHWORKS- THE EXECUTION OF DITCHES:

<b>20201</b>	<b>Excavation of ditches outside the road cross section Excavarea santurilor in afara profilului transversal a drumului</b>	<b>m<sup>3</sup></b>	<b>26793.00</b>	<b>0.00</b>
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Covers all excavation necessary to execute works for the ditches included in Bill no. 500,  
 DRAINAGE STRUCTURES:

<b>50302</b>	<b>Consolidation of trapezoidal channel Type 1</b>			
<b>50302.1</b>	<b>Consolidation of trapezoidal channel Type1 - concrete, b=0,4, h=0.5 (1:1,5/3) (in accordance with the technical drawings) Consolidarea rigolelor trapezoidale de Tip 1 b=0,4, h=0.5 (1:1,5/3) (conform desenelor tehnice)</b>	<b>L.m. / m.l.</b>		<b>4212.00</b>
<b>50303</b>	<b>Consolidation of trapezoidal channel Type 2</b>			
<b>50303.1</b>	<b>Consolidation of trapezoidal channel Type 2 , b=0.40, h=0.50 (1:1,5/3) Consolidarea rigolei trapezoidal de Tip 2 b=0.40, h=0.50 (1:1,5/3)</b>	<b>L.m. / m.l.</b>		<b>5448.00</b>
<b>50303.2</b>	<b>Consolidation of trapezoidal channel Type 2 , b=1,00, h=0.50 (1:1,5) Consolidarea rigolei trapezoidal de Tip 2 b=1.00, h=0.50 (1:1,5)</b>	<b>L.m. / m.l.</b>		<b>20.0</b>

#### Answer 91

The Item 20201 refers to excavation of all ditches alongside the road or other ditches to be excavated in accordance with the Detailed Drawings.

#### Question 92

Please confirm if the “psychology” degree is accepted for the “social specialist” expert.

#### Answer 92

It is at the discretion of the bidders to exercise professional judgement in internal evaluation of the personnel for the required roles, who best suits the requirements of the evaluation criteria.

The Client will evaluate at the respective point in time each proposed expert based on the complete information in the bid, rather than based on partial information provided in questions at this stage of the process.

#### Question 93

Please clarify what “all members combined” means in terms of meeting the requirements by association members.

**Answer 93**

It is a way of qualifying a bidder, when the requirement of a qualification criterion (e.g. Construction Experience in Key Activities) is met by virtue of combining capacities or qualifications of all associates (irrespective of the share each member contributes to such qualifications, if not stated otherwise).

**Question 94**

Please clarify whether the same key person can be used for both lots.

**Answer 94**

The bidding document does not forbid such an approach. However, the bidder shall provide convincing rationale that such staffing manner is feasible and the workload for both lots will be properly managed.

**Question 95**

Given that in some qualification forms, similar experience is requested in euros in some and in dollars in others, please clarify which currency will be used for the qualification forms.

**Answer 95**

Please refer to Amendment Document no.6 to the RfB, issued on the same date with these Clarifications where this matter is addressed.

**Question 96**

Regarding “Form EXP -4.2(b): Construction Experience in Key Activities”. Apart from the subcontracted works which are key activities to be executed, do other subcontractors who do not perform key activities have to complete it? Please clarify.

**Answer 96**

No.

**Question 97**

Pleas clarify in which currency the payment to the contractor will be made.

**Answer 97**

Payments will be made in the currency(ies) of the Accepted Contract Amount, the latter being formed based on the bid price and the currency(ies) thereof.

Please refer to the Section II, Bid Data Sheet, Clause ITB 15.1, which states in this respect the following:

“(a) The unit rates and prices shall be quoted by the Bidder in the Bill of Quantities separately in the following currencies:

(i) for those inputs to the Works that the Bidder expects to supply from within the Employer’s Country, in Moldovan Leu, and further referred to as “the local currency”; and

(ii) for those inputs to the Works that the Bidder expects to supply from outside the Employer’s Country (referred to as “the foreign currency requirements”), in up to **any three foreign currencies**.

Therefore, the currency(ies) of the bid is determinative of the currency of the payments.

However, in case of local entities, payments will be made in MDL, irrespective of the currency of the contract.

**Question 98**

***Lot 2: Contract MRCP/W1/02: Road G88: Cornesti-Boghenii Noi -Napadeni-M5, km 16+200- km 25+090 (Section 1)***

According to the documentation, Volume IV is found. Relocation of External Electricity Supply Networks (SREAE) S2.2. We would like to ask you to specify under which items the related works will be quoted because they are not found in Bill No. 800, ENGINEERING SERVICES / List No. 800, ENGINEERING SERVICES

**Answer 98**

Please check Bill 800. The relocation of external Electricity Supply networks will be done under Items 80101 and 80103, depending on the type of work that needs to be done in accordance with the drawings.

**Question 99**

Regarding the Bill no. 800, ENGINEERING SERVICES / Lista nr. 800, SERVICII DE INGINERIE  
 – ARRANGEMENT OF POWER LINES. ROAD ILLUMINATION

80107	Automatic system for pedestrian crosswalks with traffic light based on solar panel (accordance with the technical drawings) Sistem autonom de atentionare a trecerilor pietonale cu semafor pe baza de panou solar (conform deseneleor tehnice)	Pcs, / buc,	8.00	0.00	16.00	0.00	0.00
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We kindly ask you to provide us with the documentation related to the mentioned works.

**Answer 99**

The detailed drawings are provided in the Section VII – Works’ Requirements, Drawings (Volume 3.4: Road Lighting for Section 2.2).

**Question 100**

Please specify under which items of the BOQ is quoted the "Repair of the culvert m, on PC 0+42” according to the specifications in the drawings.

**Answer 100**

Please see Item 50103.3 from BoQ

**Question 101**

According to the Volume 3.1 Road Works S2.1, Longitudinal Profile, Sheet 19 and Rapid ditch, Sheet 233, Rapid ditch is found. We would like to ask you to specify where in the BOQ this category of works will be quoted and the total length of it?

- According to the situation plan, the following floor repairs are mentioned:
- Physical status: Repair of the existing footbridge D1.00 m, PC 213+01.24
- Physical status: Repair of the existing footbridge D1.00 m, PC 214+81.40
- Physical status: Repair of the existing footbridge D1.00 m, PC 217+64
- Physical status: Repair of the existing footbridge D1.00 m, PC 232+48.32
- Physical status: Repair of the existing footbridge D1.20 m, PC 235+ 70.73

We kindly ask you to send us execution details for the works to be carried out.

**Answer 101**

The BoQ items related to execution of the consolidated ditches should be quoted under the Items 50303 and 50304.

The bidders are requested to present their price offer according to BoQ. The quantities given in the BoQ are estimated and provisional, and are given to provide a common basis for tenderer. The quantities stated against each Bill Item of the BoQ may increase or decrease depending on the final measurement of the as built records.

For the repair of culverts, please check the Section VII – Works’ Requirements, Drawings (Volume 3.1: Road Works), the drawings are provided for each culvert and includes the type of works to be done under each culvert.

### Question 102

Regarding Bill No.500, DRAINAGE STRUCTURES -Construction of culverts inlets and outlets in concrete to pipe culverts:

50103.1	to Pipe culverts Ø 750 mm / Podețe tubulare Ø 750 mm	pcs / buc.	2.00
50103.3	to Pipe culverts Ø 1 000 mm / Podețe tubulare Ø 1 000 mm	pcs / buc.	6.00

We kindly ask you to send us execution details for the works to be carried out.

### Answer 102

The drawings related to these works are provided in Section VII – Works’ Requirements, Drawings, on:

Sheet 61 from Volume 3.1: Road works (Lot II, S 2.2)

Sheet 203-204 Volume 3.1: Road works (Lot II, S 2.1).

### Question 103

Regarding the Bill no. 500, DRAINAGE STRUCTURES – Construction of culverts inlets and outlets in concrete to box culverts:

50104.2	<b>Box Culverts, 2 x (2,0 m x 2,0) m, (span x rise)</b> Podețe dreptunghiulare, 2 x (2,0 m x 2,0) m, (travee x mărire)	pcs / buc.	2.00
50104.3	<b>Box Culverts, 1,0 m x 1,0 m, (span x rise)</b> Podețe dreptunghiulare, 1,0 m x 1,0 m, (travee x mărire)	pcs / buc.	2.00
50104.5	<b>Box Culverts, 2 x (1,60 m x 1,20 m), (span x rise)</b> Podețe dreptunghiulare, 2 x (1,60 m x 1,20 m), (travee x mărire)	pcs / buc.	2.00
50104.6	<b>Box Culverts, 3 x (1,60 m x 1,20 m), (span x rise)</b> Podețe dreptunghiulare, 3 x (1,60 m x 1,20 m), (travee x mărire)	pcs / buc.	2.00

We kindly ask you to send us execution details for the works to be carried out.

### Answer 103

The drawings related to these works are provided in Section VII – Works’ Requirements, Drawings (Volume 3.1: Road Works (Lot II, S2.1), Volume 3.1: Road Works (Lot II, S 2.2)).

### Question 104

Regarding the Bill no. 500, DRAINAGE STRUCTURES – Construction of inlet or outlet to pipe culverts at side roads of any diameter:

50110.1	<b>to Pipe culverts Ø 600 /</b> Podețe tubulare Ø 600	pcs / buc.		14.00
50110.2	<b>to Pipe culverts Ø 800 /</b> Podețe tubulare Ø 800	pcs / buc.		12.00

We kindly ask you to send us execution details for the works to be carried out.

#### Answer 104

The drawings related to these works are provided in Section VII – Works’ Requirements, Drawings (Volume 3.1: Road Works (Lot II, S2.1), Volume 3.1: Road Works (Lot II, S 2.2)).

#### Question 105

Regarding the Bill no. 500, DRAINAGE STRUCTURES – PAVED WATERWAYS:

50307	<b>Construct chute entry gulley, single sided</b> Construcția gurii de scurgere dintr-o singură parte la intrarea în casiu	pcs / buc.		37.00
50309	<b>Construct erosion basin to lined side drain. Type 2</b> Construcția bazinului de disipare la rigola laterală betonată. Tip 2	pcs / buc.		2.00
50310	<b>Construct of the junction between embankment chute and side drain or ditch</b> Construcția racordării dintre casiu si rigola	pcs / buc.		27.00
50311	<b>Construct erosion basin to embankment chute</b> Construcția unui bazin de acumulare a apelor la casiu de pe taluzul rambleului	pcs / buc.		11.00

We kindly ask you to send us execution details for the works to be carried out.

#### Answer 105

The drawings related to these works are provided in Section VII – Works’ Requirements, Drawings (Volume 3.1: Road Works (Lot II, S2.1), Volume 3.1: Road Works (Lot II, S 2.2)).

#### Question 106

Regarding the Bill no. 800, ENGINEERING SERVICES / Lista nr. 800 – SERVICII DE INGINERIE – BUS STOPS/ STATIILE DE AUTOBUS-

80301	<b>Construction of complete shelter for bus stop as shown on drawings, including all ancillary work</b> Construcția deplină a copertinei la stația de autobuse conform Desenelor tehnice, inc. toate lucrările concomitente	pcs / buc.		1.00
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We kindly ask you to send us execution details for the works to be carried out.

**Answer 106**

The drawings related to these works are provided in Section VII – Works’ Requirements, Drawings (Volume 3.1: Road Works (Lot I) – sheet 1-2).

**Question 107**

Regarding the Bill no. 500, DRAINAGE STRUCTURES / Lista nr. 500, STRUCTURI DE DRENAJ – DRAINS, MANHOLES, EXIT GULLY/ DRENE DE FILTRARE, CĂMINE DE VIZITARE, GURI DE SCURGERE –

60403	Pipe drain (accordance with the technical drawings) Tuburile de drenaj (conform desenelor tehnice)	L.m. / m.l.	900.00	0.00	141.00	0.00	0.00
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We would like you to specify what types of pipe drain will be used.

**Answer 107**

The drawings related to these works are provided in Section VII – Works’ Requirements, Drawings (Volume 3.1 Road Works, Sheets 217-220).

**Question 108**

1. According to Volume 3.1 Road works S2.2., Rapid ditch, Sheet 56. We would like to ask you to specify where in the BOQ this category of works will be quoted and the total length of it?
2. According to Volume 3.1 Road works\_S2.2, se regasesc urmatoarele detalii de executie:
  - Plan of cast iron rainwater collector at access road PC 15+82
  - Plan of cast iron rainwater collector at access road PC 17+29

We would like you to specify where these categories of work will be quoted within the BOQ.

**Answer 108**

The works related to trapezoidal rapid ditch will be quoted under Item 50303.2.

Collectors from PC 15+82 and PC 17+29 are included in Minor concrete structures (Items: 50401, 50405, 50406, 50407).

**Question 109**

Regarding the Bill no. 500, DRAINAGE STRUCTURES – Construction of culvert inlets and outlets in concrete to pipe culverts:

Rehabilitation Works on Corridor 8:  
 “Lot 1: Contract MRCP/W1/01: Road G88: Cornești – Boghenii Noi – Năpădeni – M5, km 0+000 –km 16+200;  
 Lot 2: Contract MRCP/W1/02: Road G88: Cornești – Boghenii Noi – Năpădeni – M5, km 16+200 –km 25+090 (Section 1) and  
 Road G86: G88 – Dereneu – G85, km 0+000 – km 8+395 (Section2)”

50103.2	to Pipe culverts Ø 800 mm / Podețe tubulare Ø800 mm	pcs / buc.	1.00
50103.3	to Pipe culverts Ø 1 000 mm / Podețe tubulare Ø 1 000 mm	pcs / buc.	6.00
50103.4	to Pipe culverts Ø 1 200 mm / Podețe tubulare Ø 1 200 mm	pcs / buc.	11.00
50103.6	to Pipe culverts Ø 1 500 mm / Podețe tubulare Ø 1 500 mm	pcs / buc.	4.00

We kindly ask you to send us execution details for the works to be carried out.

#### Answer 109

The drawings related to these works are provided in Section VII – Works’ Requirements, Drawings (Volume 3.1: Road Works (Lot 2, S 2.2)).

#### Question 110

Regarding the Bill no. 500, DRAINAGE STRUCTURES – Construction of culvert inlets and outlets in concrete to box culverts:

50104.2	Box Culverts, 1,50 m x 1,50 m, (span x rise) Podețe dreptunghiulare, 1,50 m x 1,50 m, (travee x mărime)	pcs / buc.	2.00
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We kindly ask you to send us execution details for the works to be carried out.

#### Answer 110

The drawings related to these works are provided in Section VII – Works’ Requirements, Drawings (Volume 3.1: Road Works (Lot 2, S 2.1)).

#### Question 111

Regarding the Bill no. 500, DRAINAGE STRUCTURES – Construction of inlet or outlet to pipe culverts at side roads of any diameter:

50110.1	to Pipe culverts Ø 600 / Podețe tubulare Ø 600	pcs / buc.	38.00
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We kindly ask you to send us execution details for the works to be carried out.

#### Answer 111

The drawings related to these works are provided in Section VII – Works’ Requirements, Drawings (Volume 3.1: Road Works (Lot 2, S 2.1 and S 2.2)).

#### Question 112

Regarding the Bill no. 800, ENGINEERING SERVICES / Lista nr. 800 – SERVICII DE INGINERIE – BUS STOPS/ STATIILE DE AUTOBUS-

80301	<b>Construction of complete shelter for bus stop as shown on drawings, including all ancillary work</b> Construcția deplină a copertinei la stația de autobuse conform Desenelor tehnice, inc. toate lucrările concomitente	pcs / buc.	1,00
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We kindly ask you to send us execution details for the works to be carried out.

**Answer 112**

Please refer to Answer to **Question 106**.

**Question 113**

Regarding the Bill no. 500, DRAINAGE STRUCTURES – STRUCTURI DE DRENAJ – Consolidation of channel Type 4-

50305.3	<b>Consolidation of channel Type 4, Capture chamber (accordance with the technical drawings)</b> Consolidarea rigolelor de Tip 4, Camera de captare (conform desenelor tehnice)	L.m. / m.l.	11.67
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We kindly ask you to send us execution details for the works to be carried out.

**Answer 114**

The drawings related to these works are provided in Section VII – Works’ Requirements, Drawings (Volume 3.1: Road Works) for Section 2.2.

**Question 115**

Regarding the Bill no. 800, ENGINEERING SERVICES / Lista nr. 800 – SERVICII DE INGINERIE – ARRANGEMENT OF COMMUNICATION LINES art.:

80202.1	<b>Arrangement of underground water supply diam.63mm (accordance with the technical drawings)</b> Amenajarea apeductului subteran diam.63mm (conform desenelor tehnice)	Linear Metre	-	0.00	51.00	0.00	0.00
80202.2	<b>Manholes diam.1,0m for the underground water supply (accordance with the technical drawings)</b> Camine de vizitare de Diam. 1,0m pentru rețeaua de apeduct subteran (conform desenelor tehnice)	pcs / buc.	-	0.00	2.00	0.00	0.00

Regarding We kindly ask you to provide us with the documentation related to the mentioned works, because according to Volume. 3.1 Road works\_S2.2, Water supply transfer on PC 21+65 – 21+72, the length of the apeduct is 10.00 m + 4.50 m + 15.50 m = 30.00. Please also provide us with the details for the installation of the visitor center.

### Answer 115

All the requested documentation are provided in Section VII – Works’ Requirements, Drawings (Volume 3.1: Road works;S2.2).

### Question 116

Please specify in which currency the provisioned amount is quoted and what is the exchange date that will be taken in consideration for the rate exchange:

<i>Provisional Sum*</i>	<b>(B)</b>	<b>602,000.00</b>
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### Answer 116

Please refer to Amendment Document no.6 to the RfB, issued on the same date with these Clarifications where this matter is addressed.

The provisional amount for Lot 2 is revised from 602,000.00 to 372,000.00.

The Items from the Provisional Sum Bill are provided in EUR.

Please refer to the following provisions of the Clause ITB 36.1 of the Section II – Bid Data Sheet (BDS):

“The source of exchange rate shall be: **National Bank of Moldova**.

The date for the exchange rate shall be: *the date of bids opening*.

“Alternative B: Bidders quote in local and foreign currencies

The Employer will convert the amounts in various currencies in which the Bid Price, corrected pursuant to ITB 35, is payable (excluding Provisional Sums but including Daywork where priced competitively) to the single currency identified above at the selling rates established for similar transactions by the authority specified and, on the date, stipulated above.

For the sake of clarify, bidders shall note that according to the Section I – Instructions to Bidders (ITB), Clause 37. Evaluation Process, Financial Parts, para. (a) the Bid price is evaluating, excluding Provisional Sums and the provision, if any, for contingencies in the Summary Bill of Quantities.”

Please refer further to the Section IV - Bidding Forms; Appendix to Financial Part; Table C. Summary of Payment Currencies, Table: Alternative B, in the table’s last line, which states “Provisional sums expressed in foreign currency”.

**Question 117**

Regarding Bill no. 800, ENGINEERING SERVICES/ Lista nr.800 SERVICII DE INGINERIE:

80103	<b>Arrangement of power lines of 10 kV, included overhead lines (ty-eCB105) (accordance with the technical drawings)</b> Amenajarea rețelelor electrice 10 kV, inclusiv liniile aeriene (CB105) (conform desenelor tehnice)	Number of Poles	11.00	0.00	10.00	0.00
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The related documentation is not found in the technical documentation provided, we kindly ask you to send it.

**Answer 117**

The drawings related to these works are provided in Section VII – Works’ Requirements, Drawings (Volume 3.5: Overhead Power lines, Section 2.2).

**Question 118**

We would like to ask you to clarify whether the ditch digging works under Bill no. 200, EARTHWORKS – THE EXECUTION OF DITCHES:

20201	<b>Excavation of ditches outside the road cross section</b> Excavarea santurilor in afara profilului transversal a drumului	m <sup>3</sup>	8270.00	0.00	8986.00	0.00	0.00
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Covers all excavation necessary to execute the works for the ditches included in Bill no. 500, DRAINAGE STRUCTURES:

Rehabilitation Works on Corridor 8:

“Lot 1: Contract MRCP/W1/01: Road G88: Cornești – Boghenii Noi – Năpădeni – M5, km 0+000 –km 16+200;  
 Lot 2: Contract MRCP/W1/02: Road G88: Cornești – Boghenii Noi – Năpădeni – M5, km 16+200 –km 25+090 (Section 1) and  
 Road G86: G88 – Dereneu – G85, km 0+000 – km 8+395 (Section2)”

<b>50302</b>	<b>Consolidation of trapezoidal channel Type 1</b>						
50302.1	<b>Consolidation of trapezoidal channel Type1, b=0,4, h=0.5 (1:1,5/3) (accordance with the technical drawings)</b> Consolidarea rigolelor trapezoidale de Tip 1 b=0,4, h=0,5 (1:1,5/3) (conform desenelor tehnice)	L.m. / m.l.		1579.00	0.00	-	0.00
50302.2	<b>Consolidation of trapezoidal channel Type1, b=0,4, h=0.4 (1:1,5) (accordance with the technical drawings)</b> Consolidarea rigolelor trapezoidale de Tip 1 b=0,4, h=0,4 (1:1,5) (conform desenelor tehnice)	L.m. / m.l.		-	0.00	710.00	0.00
<b>50303</b>	<b>Consolidation of trapezoidal channel Type 2</b>						
50303.1	<b>Consolidation of trapezoidal channel Type 2 , b=0.40, h=0.50 (1:1,5/3)</b> Consolidarea rigolei trapezoidal de Tip 2 b=0.40, h=0.50 (1:1,5/3)	L.m. / m.l.		1605.00	0.00	-	0.00
50303.2	<b>Consolidation of trapezoidal channel Type 2 , b=0.40, h=0.40 (1:1,5)</b> Consolidarea rigolei trapezoidal de Tip 2 b=0.40, h=0.40 (1:1,5)	L.m. / m.l.		-	0.00	2544.00	0.00
<b>50304</b>	<b>Consolidation of channel Type 3</b>						
50303.1	<b>Consolidation of rectangular channel Type 3, b=1,0, h=1,0 (accordance with the technical drawings)</b> Consolidarea rigolei dreptunghiulare de Tip 3, b=1,0 h=1,0 (conform desenelor tehnice)	L.m. / m.l.		-	0.00	37.00	0.00
50303.2	<b>Consolidation of rectangular channel Type 3, b=1,5, h=1,0 (accordance with the technical drawings)</b> Consolidarea rigolei dreptunghiulare de Tip 3, b=1,5 h=1,0 (conform desenelor tehnice)	L.m. / m.l.		-	0.00	150.00	0.00
<b>50305</b>	<b>Consolidation of channel Type 4</b>						
50305.1	<b>Consolidation of channel Type 4, b=0,68, h=0,45 type L4-8 (accordance with the technical drawings)</b>	L.m. / m.l.		-	0.00	1457.00	0.00

	Consolidarea rigolelor de Tip 4, b=0,68, h=0,45 tip L4-8 (conform desenelor tehnice)						
50305.2	<b>Consolidation of channel Type 4, b=0,90, h=0,45 type L6-8 (accordance with the technical drawings)</b> Consolidarea rigolelor de Tip 4, b=0,90, h=0,45 tip L6-8 (conform desenelor tehnice)	L.m. / m.l.		-	0.00	120.00	0.00
50305.3	<b>Consolidation of channel Type 4, Capture chamber (accordance with the technical drawings)</b> Consolidarea rigolelor de Tip 4, Camera de captare (conform desenelor tehnice)	L.m. / m.l.		-	0.00	11.67	0.00

**Answer 118**

Please refer to Answer to **Question No. 91**.

**Question 119**

In the Bill of Quantities, Lot 1, “Bill No. 400.1, BRIDGES”, the description of item no 41002 states that “*Wearing course of Stone Mastic Asphalt BA16rul 50/70 thickness 40mm*”.

However, in the bill of quantities, lot 2, “Bill No. 400 BRIDGES” description of item no 41002 states that “*Wearing course of Stone Mastic Asphalt MAS16 50/70 thickness 50mm*”.

The Bidder considers that the correct description for stone mastic asphalt is “*MAS16*”. Please confirm.

Also, please clarify whether the type of bitumen to be used for the Stone Mastic Asphalt is “Bitumen 50/70” or “Polymer Modified Bitumen (PMB 45/80).”

#### Answer 119

Please refer to Answer to **Question No. 77**

#### Question 120

In the Bill of Quantities, Lot 1, Bill No 500. The bidder could not find any drawings for item no **50104.2, 50104.4** and **50108.1**.

Please provide drawings for related items.

#### Answer 120

Please refer to Answer to **Question No. 78**

#### Question 121

According to Amendment no. 3, the new deadline for requesting clarifications, as well as the deadline for the contracting authority to respond, overlap with the period of public holidays in Romania. At the same time, the volume of requests for clarifications is very high, which implies additional time required to analyze the responses submitted and to correlate them with the technical and financial requirements of the procedure.

#### Answer 121

Please refer to the Amendment no.4 to the RfB, issued on January 06, 2026, for extended deadline.

#### Question 122

In Section III - Evaluation and Qualification Criteria, Article 1.5 Equipment, a set of specialized equipment is required for the arrangement of the cold recycled layer. If the contractor plans to produce the cold recycled material in the plant, is it possible to replace the set of equipment with the cold recycled material production plant?

**Answer 122**

Cold recycling will be mixt in plant and laid with a paver, thus the list of equipment from Section III - Evaluation and Qualification Criteria, Article 1.5 was revised.

**Question 123**

In addition to the clarifications regarding the cold recycled material, we would like to mention that its manufacture in the plant allows for obtaining a homogeneous mixture with a higher quality than that made in situ.

**Answer 123**

The Cold recycling will be mixed in the plant. Please check the technical Specifications related to this type of work.