
Moldova Roads Rehabilitation V
NATIONAL ROAD ADMINISTRATION

CLARIFICATION DOCUMENT No.1

to Procurement Document

Rehabilitation of M1 – Leușeni - Chișinau Road:

Lot 1: km 1+000 -km 9+000,

Lot 2: km 9+000 - km 39+000

(client's reference RSP/W16/01-02)

Issued September 08, 2026 (ECEPP date)

CLARIFICATIONS to Procurement Document (issue date: September 08, 2026, as recorded in ECEPP)

Procurement identification data:

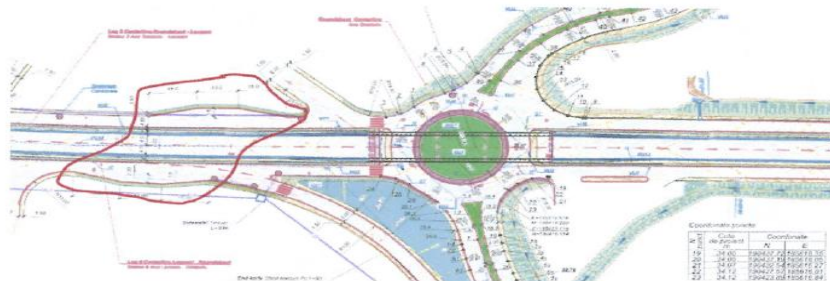
Country: *Republic of Moldova*
 Project: *Moldova Roads Rehabilitation V*
 EBRD Project ID: *Operation Number 54423*
 Client: *J.S.C. „NATIONAL ROAD ADMINISTRATION”*
 Contract: *Rehabilitation of M1 – Leușeni - Chișinau Road: Lot 1: km 1+000 -km 9+000, Lot 2: km 9+000 - km 39+000*
 Type of Contract: *Works*
 Procurement Method: *Open Tender Single Stage*
 Procurement Process ID: *40999641*

Q #	Questions received from Participants on ECEPP:	Answers from Client/NRA:
1.	Discrepancy in the Limits of Lot 1 and Lot 2 According to the Technical Specifications, the limits of the Contracts are specified as follows: Contract RSP/W16/01 — Rehabilitation of M1 — Leuseni-Chisinau Road, Lot 1: km 1+000 — km 9+000; Contract RSP/W16/02 — Rehabilitation of M1 — Leuseni-Chisinau Road, Lot 2: km 9+000 — km 39+000. However, according to the Drawings, the end of Lot 1 is indicated at km 9+200, while the beginning of Lot 2 is indicated at km 9+208. Please clarify which chainages shall be considered as the contractual limits of Lot 1 and Lot 2 for the purposes of preparation of the Tender and subsequent execution of the Works.	Please be informed that Lot 1 terminates at PC 92+00, with the corresponding plan coordinates X: 190886.11, Y: 185838.80. Lot 2 commences at PC 92+07.69, at the same plan coordinates X: 190886.11, Y: 185838.80. The difference in chainage between the two Lots is due to a chainage discontinuity at the interface between Lot 1 and Lot 2. The above information shall be considered for the purposes of the Tender.
2.	Road Marking Equipment The Participant has extensive experience in the application of road markings using cold plastic materials under various climatic conditions and on both asphalt concrete and cement concrete pavements. Taking into consideration that the construction methodology and technology for the relevant Works do not impose any specific technical limitations on the use of cold plastic road marking equipment, we kindly request the Client to clarify whether the Participant may propose and use a cold plastic road marking machine instead of a thermoplastic road marking machine, provided that e proposed	We confirm that, in accordance with BoQ – Bill No. 700 (for both Lots), the required permanent road markings are specified as “PERMANENT ROAD MARKINGS (Cold applied material of 2 components)”. The applicable technical requirements are provided in the Technical Specifications, Clause 702.02 – Materials. However, we acknowledge that in Form IV - Eligibility and Qualification Criteria (W), the equipment Table 8 (Equipment) erroneously specifies “Road Marking Equipment (Thermoplastic)”.

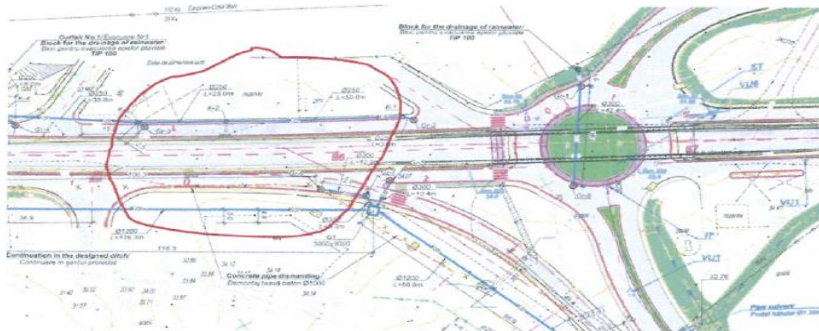
	technology ensures full compliance with all requirements of the Technical Specifications.	An Amendment to Procurement Documents is issued hereby (Amendment # 1) to remove the word “Thermoplastic” from this requirement under Form IV - Eligibility and Qualification Criteria (W). Therefore, the Participant may propose and use road marking equipment suitable for the specified cold-applied two-component material, provided that the proposed equipment and application technology comply with the requirements of the Technical Specifications.
3.	Sand Washing Plant We also kindly request clarification regarding the requirement for a sand washing plant among the proposed construction equipment. If the Participant's proposed construction methodology provides for the use of ready washed sand supplied by an approved supplier, and we kindly request the Client to confirm whether the Participant may omit a sand washing plant from the list of proposed equipment. Please confirm whether the provision of a sand washing plant is mandatory in all cases, or whether its inclusion may be omitted where the Participant intends to use ready-washed sand that complies with the specified requirements.	Please be informed that the requirement for a Contractor-owned Sand Washing Plant is not mandatory in all cases. The Participant may propose the use of commercially processed/washed fine aggregate from an approved external source, subject to compliance with the Contract requirements, including Sub-Clause 7.2 [Samples] of the Conditions of Contract and the applicable testing and quality control requirements. Accordingly, Table 8 – Equipment of Form IV – Eligibility and Qualification Criteria (W) is hereby amended (via proposed Amendment # 1 to Procurement Documents: Form IV - Eligibility and Qualification Criteria (W)) to reflect the above requirement. The use of an external source shall not relieve the Contractor of responsibility for the quality and compliance of the materials and the completed Works. Please consult proposed Amendment # 1 to Procurement documents: Table 8 – Equipment, of Form IV – Eligibility and Qualification Criteria for Sand washing plant, or assured access to commercially processed/washed fine aggregate from an approved source. In addition, the Technical Specifications for both Lots (1 and 2) have been amended via Amendment #1, to include a description of the “Alternative Compliance Requirements Where No Contractor-Owned Sand Washing Plant Is Proposed”, setting out the applicable requirements where the Contractor does not propose to use a Contractor-owned sand washing plant. (012.04 Sand).

4. Experience with Civil Engineering Structures - Lot 2 According to the qualification requirements for Lot 2, the Participant is required to demonstrate experience involving at least 5,000 m² of span structure area (bridges). However, based on the scope of works and the Drawings for Lot 2 (km 9+000 — km 39+000), no bridges appear to be included in the Works. The structures identified for Lot 2 include, among others, roundabouts, retaining walls, box culverts and bored piles. In this regard, we kindly request the Client to clarify the interpretation of the qualification requirement for “civil engineering structures” applicable to Lot 2. Please clarify which types of structures included in the scope of Lot 2 may be considered as “civil engineering structures” for the purpose of demonstrating compliance with the required 5,000 m² of span structure area.	Please be informed that Form IV – Eligibility and Qualification Criteria (W), Page 13, Section 3.3 – Specific Experience, Lot 2, bullet order # 5 (which reads: “<i>Construction and/or repair of artificial structures (bridges, overpasses, interchanges) – at least 5,000 m² (measured by deck area)</i>”) is hereby deleted. This modification is done via proposed Amendment # 1 to Procurement documents: Form IV - Eligibility and Qualification Criteria (W).
5. Discrepancies between the Drawings and the Bill of Quantities — Box and Pipe Culverts Item No. 50107 — Extension of Pipe Culvert ø1500 The pipe lengths indicated on the Drawings are as follows: • PC 32+44 — 18 m; • PC 65+41.6 — 28 m (exact length cannot be determined as part of the Drawing is missing); • Part of the Drawing on page 14 is missing. The total length according to the Drawings is 46 m, whereas the BOQ indicates 44 m. Item No. 50108.2 — Extension of Concrete Box Culverts 2.5 × 2.5 m The title block indicates "2.0 × 2.0 m", whereas the correct dimension should be "2.5 × 2.5m". Item No. 50106.3 — Construction of New Box Culvert 2.5 × 2.5 m The length indicated on the Drawing is 34 m, whereas the BOQ indicates 31 m. Item No. 50106.1 — Construction of New Box Culvert 2.0 × 2.0 m • Part of the Drawing on page 17 (PC 70+40.8) is missing. According to the Specification, the length is 32 m; • Box culvert PC 50+10 — the length indicated on the Drawing is 11 m. The total length according to the Drawings is 43 m, whereas the BOQ indicates 62 m.	Please refer to drawings: • See table page 11 pos. 29 PC 32+44 — 18 m; See table page 16 pos.26 PC 65+41.6 — 26 m The total length according to the Drawings is 44 m. Page Page 14 podet.pdf attached hereto Pages 6, 7 and 8, Book 3 – Culverts: The correct the title block to be “2.5 × 2.5 m”. Culvert Pc 49+35 according to drawings page 13 pos. 10 the length 31m. Culvert Pc 70+40.8 according to drawings page 18 pos. 32 the length 32 m Culvert Pc 50+10 according to drawings page 27 pos. 9 the length 11 m 19 m at the culvert, in the area of the bridge construction at PC 83+30 on the bypass road Book1 Road works Pc 83+32 page 184 Total: 62m. Page Page 17 podet.pdf attached hereto. Culvert Pc 78+80 according to drawings page 25 pos. 10 the length 35 m 23 m at the culvert, as part of the agricultural machinery underpass on the bypass road Book 1 Road works page 180.

	Item No. 50105.3 — Construction of New Pipe Culvert ø1500 The length indicated on the Drawing is 35 m, whereas the BOQ indicates 58 m. Item No. 50104.1 — Construction of Culvert Inlets and Outlets in Concrete to Box Culverts According to the Drawings, the number of inlets and outlets is 6 pcs, whereas the BOQ indicates 8 pcs. Item No. 50103.3 — Construction of Culvert Inlets and Outlets in Concrete to Pipe Culverts According to the Drawings, the number of inlets and outlets is 5 pcs, whereas the BOQ indicates 7 pcs. Part of the Drawing on page 14 is missing.	Total: 58m. Pc 11+96.30 – 2 pcs. Pc 70+40.8 – 2 pcs. Pc 50+10 – 2 pcs. 2 pcs. at the culvert, in the area of the bridge construction at PC 83+30 on the bypass road. Total 8 buc. Pc 32+44.14 – 1 pcs. Pc 65+41.6 – 2 pcs. Pc 78+80 – 2 pcs. 2 buc. at the culvert, as part of the agricultural machinery underpass on the bypass road. Total 7 pcs. Please see “Page 14 podet.pdf” attached hereto.
6.	Drainage and Culvert Works — Clarifications and Discrepancies. Lot 1. 6.1. Please clarify whether the scope of works under BOQ items 50201, 50209, 50208, 50112, 90104 of the section «CLEANING, RECONDITIONING AND REPAIRING EXISTING INLETS, OUTLETS, DRAINS, SPILLWAYS AND CHUTES» and items 50101, 50102 of the section «CULVERTS AND DRAINAGE FACILITIES» relates to the extension or new construction of box culverts 2x2, 2.5x2, 2.5x2.5, Ø600, Ø1200, Ø1500, or to some other works. 6.2. The drawings on pages 19 and 78 in “Vol 2_Book 1_Road works” (“Plan Interchange PC 86+72.26”)	6.1 / BOQ Items 50201, 50209, 50208, 50112, 90104, 50101 and 50102 The Participant’s observation is noted. The section heading “CLEANING, RECONDITIONING AND REPAIRING EXISTING INLETS, OUTLETS, DRAINS, SPILLWAYS AND CHUTES” is a general heading and does not define the scope of each individual BOQ item. The scope of each item shall be determined based on its individual description, the relevant Drawings and the Technical Specifications. The geotextile and ballast items are related to the respective drainage and culvert works and shall be interpreted accordingly. 6.2 / Pages 19 and 78 – “Plan Interchange PC 86+72.26” The bus stop is also shown on Volume 2, Book 3, Drawing/Page 36. Its omission from the referenced drainage drawing is a drawing coordination issue only and does not affect the approved drainage design, hydraulic solution, alignment, pipe diameters, manhole locations or quantities.



differ from the drawing in "Vol 2_Book 3_Culverts" on page 36.



Bus stops are not shown.

6.3. In the Bill of quantities and materials for drainage works at chainage PC 84+93 — PC 86+9.6 — PC 0+59.44, pages 36—42 of “Vol 2_Book 3_Culverts”, the Ø1200 mm pipe is missing.

6.4. Can we assume that BOQ item 50503 refers to the drainage works of “Plan Interchange PC 86+72.26”? If not, please clarify to which section the 177.7 cubic meters under BOQ item 50503 “Rectangular reinforced manholes including all pipe connections to existing ditches etc.” should be attributed.

6.5. With reference 10 drawing sheets 38—41 of “Vol 2_Book 1_Road works”, please clarify under which BOQ items the quantities required for the roadside drainage works using Ø300 pipes and concrete manholes with cast-iron gratings shall be captured.

6.6. In the BOQ, grass seeding is measured in linear meters. Please provide the quantity in square metres.

6.3 / Ø1200 mm Pipe

The Ø1200 mm pipeline is not omitted. It is shown in Volume 2, Book 3 in two sections of 116.3 m and 86.9 m, giving a total length of 203.2 m, which is also reflected in the BOQ.

6.4 / BOQ Item 50503 – 177.70 m³

BOQ Item 50503 does not represent the pipe-and-manhole drainage network under Bill No. 800. The 177.70 m³ quantity comprises four cast-in-situ drop-chamber concrete quantities:

80.50 m³ at PC 74+11;

45.20 m³ at PC 0+59.44 (Interchange Access R33);

48.40 m³ for the median-area drainage drop chamber; and

3.60 m³ at PC 84+48.

Total: 177.70 m³.

6.5. /Ø300 mm Pipes and Manholes

The roadside drainage works shown on Drawing Sheets 38–41 of Volume 2, Book 1 are included in Bill No. 800. Ø300 mm drainage pipes are measured under BOQ Item 80203.2, while concrete drainage manholes/catch basins, including those with cast-iron gratings, are measured under BOQ Item 80203.4.

Their inclusion under Bill No. 800 does not change their function; these items form part of the road rainwater drainage system.

6.6. /Grass Seeding

Confirmed. The BOQ unit of measurement under Lot 1 is incorrect. The quantity is 7,178 m² and the unit is corrected to m². Please consult Amendment # 1 to Tender Documents, with amended Excel file: “BoQ - M1 Lot1 km1-9 to be filled in”.

50302

Consolidation of trapezoidal channel Type1, by grassing
Consolidarea rigolelor trapezoidale de Tip 1 prin insamintarea cu iarba

	6.7. “Vol 2_Book 1_Road works”, page 33 — part of the drawing is missing.	6.7 / Page 33 The referenced drawing sheet has been checked and the drawing content is present in the issued design set. No missing portion has been identified. Please try opening the drawing using a different PDF viewer.																																												
7.	Discrepancy between quantities of drainage channels (rigolas) in the Bill of Quantities (BOQ) and the design drawings Drawing reference: Vol 2, Book 1 — Road works (PDF), pages 51, 52, 54 (Drawings No. 44, 45, 46.1) BOQ reference: Bill No. 500 — Drainage Structures, items 50304, 50502.1, 50502.2 7.1. Description of the design drawings. Lot 1 The referenced drawings show three types of cast-in-situ reinforced concrete rectangular drainage channels with cover plates (in Romanian — Rigola carosabila dreptunghiulara cu placuta), with the following design lengths per chainage <table><tr><th>Type</th><th>Drawing / PDF page</th><th>Description / Chainage</th><th>Length, m</th></tr><tr><td>Type 1</td><td>No. 44 / page 51</td><td>H ≤ 65 cm; Pc 50+23–Pc 50+58 (left); Pc 50+35–Pc 50+70 (right); Pc 75+98–Pc 76+40 (right); Pc 76+73–Pc 77+20 (right); Pc 78+67–Pc 79+00 (left)</td><td>192</td></tr><tr><td>Type 2</td><td>No. 45 / page 52</td><td>H > 65 cm; Pc 50+58–Pc 51+02 (left); Pc 50+70–Pc 51+13 (right); Pc 73+05–Pc 73+26 (right); Pc 73+48–Pc 73+60 (right); Pc 74+11–Pc 74+26 (right); Pc 75+20–Pc 75+26 (right); Pc 75+52–Pc 75+58 (right); Pc 75+75–Pc 75+98 (right); Pc 76+40–Pc 76+73 (right); Pc 77+20–Pc 77+40 (right); Pc 78+24–Pc 78+67 (right)</td><td>266</td></tr><tr><td>Type 3</td><td>No. 46.1 / page 54</td><td>H ≤ 70 cm, at intersections: Pc 85+46–Pc 85+94 (right); Pc 87+04–Pc 90+00 (left); Pc 87+04–Pc 90+00 (right)</td><td>640</td></tr><tr><td>TOTAL</td><td></td><td></td><td>1,098</td></tr></table> Technical characteristics (from the drawings):	Type	Drawing / PDF page	Description / Chainage	Length, m	Type 1	No. 44 / page 51	H ≤ 65 cm; Pc 50+23–Pc 50+58 (left); Pc 50+35–Pc 50+70 (right); Pc 75+98–Pc 76+40 (right); Pc 76+73–Pc 77+20 (right); Pc 78+67–Pc 79+00 (left)	192	Type 2	No. 45 / page 52	H > 65 cm; Pc 50+58–Pc 51+02 (left); Pc 50+70–Pc 51+13 (right); Pc 73+05–Pc 73+26 (right); Pc 73+48–Pc 73+60 (right); Pc 74+11–Pc 74+26 (right); Pc 75+20–Pc 75+26 (right); Pc 75+52–Pc 75+58 (right); Pc 75+75–Pc 75+98 (right); Pc 76+40–Pc 76+73 (right); Pc 77+20–Pc 77+40 (right); Pc 78+24–Pc 78+67 (right)	266	Type 3	No. 46.1 / page 54	H ≤ 70 cm, at intersections: Pc 85+46–Pc 85+94 (right); Pc 87+04–Pc 90+00 (left); Pc 87+04–Pc 90+00 (right)	640	TOTAL			1,098	The Participant’s observation regarding the inconsistency between the BOQ descriptions and the drainage-channel Drawings is noted. 7.1 / 7.2 – Design Drawings and BOQ Item – Lot 1 The referenced Drawings 44, 45 and 46.1 show three configurations of the closed rectangular reinforced-concrete drainage channel with cover slabs, identified as Types 1, 2 and 3. The differences between the configurations relate to their geometry and corresponding material requirements, as specified in the respective Drawings and Technical Specifications. All three configurations are covered under BOQ Item 50502.1 – “Closed concrete channel, Type A (b=0.30; h=0.60)” and shall be priced under this single BOQ item, taking into account the respective requirements of each configuration as shown in the Drawings and Technical Specifications. Please also refer to the responses to Questions 7.3 and 7.4. 7.3a The Participant’s observation is noted. BOQ Item 50304, quantity 208 m, does not correspond to the Type 3 closed rectangular reinforced-concrete drainage channel shown on Drawing 46.1. The quantity of 208 m relates to an open rectangular concrete drainage channel provided on the following sections: <table><tr><td>PC 73+26</td><td>–</td><td>PC 73+48,</td><td>right side</td><td>–</td><td>22 m;</td></tr><tr><td>PC 73+60</td><td>–</td><td>PC 74+00,</td><td>right side</td><td>–</td><td>40 m;</td></tr><tr><td>PC 74+26</td><td>–</td><td>PC 75+20,</td><td>right side</td><td>–</td><td>94 m;</td></tr><tr><td>PC 75+26</td><td>–</td><td>PC 75+52,</td><td>right side</td><td>–</td><td>26 m;</td></tr></table> PC 75+58 – PC 75+75, right side – 26 m. These sections represent an open rectangular concrete channel and are different from the closed reinforced-concrete channel (Drawing 45) in the absence of cover slabs. Therefore, the comparison of 208 m with the 640 m Type 3 length, and the resulting alleged shortfall of 432 m, is not applicable.	PC 73+26	–	PC 73+48,	right side	–	22 m;	PC 73+60	–	PC 74+00,	right side	–	40 m;	PC 74+26	–	PC 75+20,	right side	–	94 m;	PC 75+26	–	PC 75+52,	right side	–	26 m;
Type	Drawing / PDF page	Description / Chainage	Length, m																																											
Type 1	No. 44 / page 51	H ≤ 65 cm; Pc 50+23–Pc 50+58 (left); Pc 50+35–Pc 50+70 (right); Pc 75+98–Pc 76+40 (right); Pc 76+73–Pc 77+20 (right); Pc 78+67–Pc 79+00 (left)	192																																											
Type 2	No. 45 / page 52	H > 65 cm; Pc 50+58–Pc 51+02 (left); Pc 50+70–Pc 51+13 (right); Pc 73+05–Pc 73+26 (right); Pc 73+48–Pc 73+60 (right); Pc 74+11–Pc 74+26 (right); Pc 75+20–Pc 75+26 (right); Pc 75+52–Pc 75+58 (right); Pc 75+75–Pc 75+98 (right); Pc 76+40–Pc 76+73 (right); Pc 77+20–Pc 77+40 (right); Pc 78+24–Pc 78+67 (right)	266																																											
Type 3	No. 46.1 / page 54	H ≤ 70 cm, at intersections: Pc 85+46–Pc 85+94 (right); Pc 87+04–Pc 90+00 (left); Pc 87+04–Pc 90+00 (right)	640																																											
TOTAL			1,098																																											
PC 73+26	–	PC 73+48,	right side	–	22 m;																																									
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PC 74+26	–	PC 75+20,	right side	–	94 m;																																									
PC 75+26	–	PC 75+52,	right side	–	26 m;																																									

- All three types have identical internal channel dimensions $b = 0.30$ m x $h = 0.60$ m and cover plates (49x33x15 cm).
- Concrete class C30/37; reinforcement A500C @10 and A240 Ø6.
- Material consumption (from the “Reinforcement extract for 1 ml gutter” tables):
 - Type 1: 0.71 m³ concrete/m; 34.49 kg reinforcement/m (Drawing 44, page 51);
 - Type 2: 0.68 m³ concrete/m; 33.06 kg reinforcement/m (Drawing 45, page 52);
 - Type 3: 0.72 m³ concrete/m; 39.49 kg reinforcement/m (Drawing 46.1, page 54).

7.2. Items in the BOQ (Bill 500 — Drainage Structures)

Item No.	Description (per BOQ)	Unit	Qty
50304	Consolidation of rectangular channel Type 3, $b=0.30$, $h=0.60$ / Consolidarea rigolei dreptunghiulare de Tip 3, $b=0.30$, $h=0.60$ (accordance with the technical drawings)	L.m.	208
50502.1	Closed concrete channel, Typ A ($b=0.30$; $h=0.60$) / Canal de beton închis cu plăcuță, tip A ($b=0.30$; $h=0.60$) (accordance with the technical drawings)	L.m.	1,083
50502.2	Closed concrete channel, Typ A ($b=0.40$; $h=0.60$) / Canal de beton închis cu capac, tip A ($b=0.40$; $h=0.60$)	L.m.	118.7

7.3. Identified discrepancies

a) BOQ item 50304 “Consolidation of rectangular channel Type 3, $b=0.30$, $h=0.60$ ”

specifies 208 m, whereas per the design drawings (Drawing 46.1, page 54 of the PDF) the total length of Type 3 rigola (at intersections Pc 85+46-Pc 85+94 (right), Pc 87+04-Pc 90+00 (left), Pc 87+04-Pc 90+00 (right)) is 640 m — a shortfall of 432 m (the design length is 3.08 times greater than the BOQ quantity).

b) Type 1 (192 m, drawing 44, page 51 of the PDF) and Type 2 (266 m, drawing 45, page 52 of the PDF) are not mentioned as separate items in the BOQ, despite differing from Type 3 in overall external wall height ($H_{max} = 92 / 77 / 70$ cm respectively) and in material consumption per 1 m of rigola.

c) BOQ item 50502.1 “Closed concrete channel, Typ A ($b=0.30$; $h=0.60$) cu placuts” (1,083 m) is close in total length to the combined length of all three types per the drawings (1,098 m, a discrepancy of ~15 m); however, the BOQ does not

7.3b

The Participant’s observation is noted. Types 1, 2 and 3 are different design configurations of the closed rectangular reinforced-concrete drainage channel with cover slabs, with differences in geometry and material consumption.

However, separate BOQ items will not be provided for each type. Types 1, 2 and 3 shall be measured and paid under one common BOQ item.

The Participant shall therefore provide one composite unit rate for this BOQ item, taking into account the respective quantities, locations, geometry, concrete consumption, reinforcement consumption, cover slabs and all other requirements applicable to Types 1, 2 and 3 as shown on the Drawings and specified in the Contract Documents.

No separate adjustment of the unit rate will be made solely due to the distribution of the Works between Types 1, 2 and 3. Which are presented in the item 50502.1

7.3c

The Participant’s observation regarding the difference in quantity is noted. BOQ Item 50502.1 is intended to cover all three configurations of the closed rectangular reinforced-concrete drainage channel with cover slabs — Types 1, 2 and 3.

A single BOQ item and a single composite unit rate shall apply to all three types. The Participant shall calculate the unit rate taking into account the respective distribution, geometry, concrete and reinforcement consumption and other requirements of Types 1, 2 and 3 shown on the Drawings.

The difference between the BOQ quantity of 1,083 m and the total quantity of 1,098 m shown on the relevant Drawings has been identified and will be reconciled in the BOQ by Amendment nr 1 to TDs.

5050 2.1	Closed concrete channel, Typ A ($b=0.30$; $h=0.60$) (accordance with the technical drawings) Canal de beton închis cu plăcuță, tip A ($b=0.30$; $h=0.60$) (conform desenelor tehnice)	L.m. / m.l.		1,098
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distinguish between the types, which prevents accurate calculation of the unit rate taking into account the different consumption of reinforcement and concrete. 7.4. Request for clarification We kindly request the Employer to provide official clarification on the following: 7.4.1 To which BOQ item (50304, 50502.1, or another) do the sections of drainage channel Type 1 (Drawing 44, page 51 of the PDF) and Type 2 (Drawing 45, page 52 of the PDF) belong? Please clearly indicate the corresponding item code and provide the supporting quantities per chainage. 7.4.2. Why is the quantity of BOQ item 50304 (208 m) significantly less than the design length of Type 3 rigola (640 m) shown on Drawing 46.1, page 54 of the PDF? Please provide the calculation basis for the 208 m quantity, specifying the corresponding chainages, or otherwise adjust the BOQ quantity. 7.4.3. If all three types (Type 1, Type 2, Type 3) fall under a single BOQ item 50502.1 (1,083 m), how is the difference in reinforcement and concrete consumption between the types to be compensated (for example, Type 3 reinforcement consumption is approximately 14% higher and that of Type 2)? Is it envisaged to introduce additional or separate BOQ items per type? 7.4.4. Please provide a consolidated correspondence table between the BOQ items (Bill 500) and the rigola types per Drawings 44, 45, 46.1 (pages 51, 52, 54 of the PDF), with clear chainage assignments, to avoid ambiguity in the tender pricing. 7.4.5. Please confirm that the quantities of ancillary works (trench excavation, LA30 crushed stone bedding, waterproofing, expansion joints per Drawings 46/46.2, pages 53 and 55 of the PDF) are included in the unit rates of the respective BOQ items, or otherwise indicate the separate BOQ items to which they are allocated.	7.4.1 BOQ Item 50304 has been clarified in the response to the preceding question and relates to a different drainage element. BOQ Item 50502.1 relates to the closed rectangular reinforced-concrete drainage channel with cover slabs, comprising Types 1, 2 and 3 shown on Drawings 44, 45 and 46.1. These channel types are located at different sections along the Works and have a combined design length of 1,098 m. 7.4.2 BOQ Item 50304, quantity 208 m, is not intended to represent the Type 3 roadway rectangular channel shown on Drawing 46.1. The 208 m quantity originates from a separate rectangular drainage channel behind the shoulder (“rigola dreptunghiulară după acostament”). 7.4.3 This matter has been clarified in the response to the preceding questions. Types 1, 2 and 3 shall be included under the single BOQ Item 50502.1 and priced using one composite unit rate. The Participant shall take into account the respective geometry and material consumption of each type as shown on the Drawings. Separate BOQ items or separate compensation for the individual types will not be introduced. 7.4.4 This matter has been clarified in the responses to the preceding questions 7.4.5 The ancillary works required for the complete construction of the drainage channels, including trench excavation, bedding/foundation preparation, LA30 crushed stone, backfilling and compaction, waterproofing, expansion joints as well as the different types of foundation required by the Drawings and other associated works shown on the Drawings and required by the Technical Specifications, shall be deemed included in the unit rates of the respective BOQ items where no separate BOQ pay item is expressly provided., in accordance with Chapter 002 – Measurement and Payment and the relevant Technical Specifications.
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8. With reference to Clause 3.1 “General Experience” of the Qualification Requirements, the Procurement Documents require Participants to demonstrate experience as a contractor in the execution of similar contracts, subject to the specified minimum contract values. In addition, for a contract to be considered similar, the Procurement Documents establish, among other requirements, the following minimum road length: 1. For Lot 1: Rehabilitation or reconstruction of a Technical Category II or III highway (or equivalent), comprising a minimum of four traffic lanes and designed for an operating speed of at least 100 km/h, using a rigid cement concrete pavement solution, under a road construction, rehabilitation or reconstruction contract with a minimum length of 9 km, and 2. For Lot 2: Rehabilitation or reconstruction of a Technical Category III Road (or equivalent), comprising a minimum of two traffic lanes and designed for an operating speed of at least 80 km/h, using a rigid cement concrete pavement solution, under a road construction, rehabilitation or reconstruction contract with a minimum length of 30 km (Lot 2). We fully understand the Client's intention ensure that Participants possess sufficient relevant experience and technical capacity to successfully perform the Works. At the same time, we kindly ask the Client to reconsider the requirement to demonstrate the relevant experience through a minimum road length expressed in kilometers. In our opinion, the length of the road in kilometers is not necessarily a representative indicator of the actual volume and complexity of works performed, particularly in relation to rigid cement concrete pavement works. A substantial volume of technically complex pavement works may be successfully completed on a shorter road section, depending on the carriageway width, number of lanes, pavement structure and other technical characteristics. In this regard, we kindly request the Client to consider whether the requirement for the minimum length of the similar contract could be supplemented or replaced by a requirement based on the actual area of rigid cement concrete pavement constructed or rehabilitated, expressed in square meters (m²). Such an approach, in our opinion, would allow Participants to demonstrate the actual volume of relevant works performed and would provide an opportunity for a wider range of experienced and technically qualified contractors to participate in the procurement process.	The Client wishes to clarify that the requirements under Criteria 3.1 – General Experience and Criteria 3.3 – Specific Experience are intended to assess different but complementary aspects of the Participant’s experience. Criteria 3.1 assesses experience in the execution of contracts of a similar nature, scale and overall highway characteristics, including the minimum road length and relevant technical characteristics. This demonstrates the Participant’s experience in managing and delivering a continuous highway rehabilitation/reconstruction project of comparable scope and complexity. At the same time, Criteria 3.3 – Specific Experience already addresses the actual volume of critical works, including rigid cement concrete pavement, through minimum quantities expressed in m², together with other key construction activities. Therefore, the Client considers that both criteria are necessary and complementary. The minimum road length requirement under Criteria 3.1 will remain unchanged and will not be amended. With regard to eligible period: The eligible period from 01/01/2019 to the deadline for submission of proposals has been set as a uniform reference period applicable to all Participants, consistent with the Client’s assessment of relevant and recent/current technical and contractual capacity. Thus, the Client does not intend to amend the proposed eligible period, which is retained as published for Criteria 3.1, 3.2, 3.3 and Table 5 (ESHS).
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	We would also like to draw the Client's attention to the fact that, for General Experience, the eligible period is currently specified as from 01/01/2019 to the deadline for submission of proposals. In XXXXX, where our company is registered, the prolonged and ongoing war has significantly affected the implementation of large-scale road construction, rehabilitation and reconstruction projects. This has considerably limited the number of projects implemented in recent years that meet the combination of specific characteristics established by the Procurement Documents, including road category, number of lanes, design speed, rigid cement concrete pavement and the minimum contract length. Therefore, we kindly request the Client to also consider extending the period for demonstrating the experience from 2019 to 2015. We understand and respect the Client's responsibility to establish appropriate qualification requirements. However, we believe that the proposed adjustments would help create more favorable conditions for effective competition while maintaining the requirement for relevant technical and contractual experience. The fundamental EBRD procurement principles include Economy and Efficiency, Competition, and non-discrimination and Equal Treatment. In this regard, we kindly ask the Client to consider our proposals in order to provide equal opportunities to a broader range of qualified Participants. Accordingly, we kindly request the Client to clarify whether: 1. the requirement for a minimum road length of 9 km for Lot 1 and 30 km for Lot 2 may be reconsidered and whether the relevant experience may alternatively or additionally be demonstrated based on the area of rigid cement concrete pavement constructed or rehabilitated (m²); and 2. the eligible period for demonstrating the experience may be extended to include contracts from 2015 onwards.	
9.	While pricing Bill No. 500 we ran into a difficulty with item 50503. Following it up led us into Bill No. 800 as well, therefore, we prefer to lay out the whole picture again right away, even though a question regarding 50503 has already been asked. 1. Item 50503 — what we found Item 50503 reads “Rectangular reinforced manholes including all Pipe connections to existing ditches etc. as instructed by the supervision engineer”,	Noted. The quantity and scope of Item 50503 and its boundary with Bill No. 800 have been reconciled. The detailed responses are provided in our answers to the questions which follow below (ref item 50503).

measured in cubic meters, quantity 177.70 m³. Reading e description literally, we looked for rectangular reinforced concrete manholes in the drainage drawings and found two:

Structure	Concrete	Drawing
Camera C-1, 3000×3000×2600(h) mm, PC 84+90 — 1 pc	14.72 m ³ (C20/25)	Vol 2 Book 3, planşe 43–53
Camera de cădere PC 84+48 (stînga, dreapta) — 2 pcs	3.60 m ³ (C35/45)	Vol 2 Book 1, planşa 185
Together	18.32 m³	

That is roughly a tenth of the quantity in the Bill, so we assumed we had read the item too narrowly and went back to measure every manhole and catch basin of the drainage system round ones included, notwithstanding e word “rectangular”. The volumes of the precast units are the ones the designer states in the header of the Table of Manhole Parameters (plansa 41): CT 10-10* with base v = 0.426 m³, CT 10-9 v = 0.24 m³, CTO 10 v = 0.16 m³, CTP 3-10 v = 0.095 m³.

Group of manholes	Pcs	Concrete, m ³	Source
K-1...K-4 and Gr-1...Gr-9, drainage system PC 84+93 – PC 86+9.6	13	7.87	Vol 2 Book 3, planşa 41 — the designer's own total line
Catch basins, Table of Manholes	30	15.63	Vol 2 Book 1, planşe 39 and 40
Catch basins	10	6.35	Vol 2 Book 1, planşa 41.1
Catch basins at PC 84+48	2	1.27	Vol 2 Book 1, planşa 41.2
Camera de cădere PC 84+48 (stînga, dreapta)	2	3.60	Vol 2 Book 1, planşa 185
Camera C-1, 3000×3000	1	14.72	Vol 2 Book 3, planşe 43–53
Total reinforced concrete	58	49.44	
Total including blinding and levelling concrete	58	≈ 53	C8/10, C10/15, C16/20

Counting everything, rectangular and round alike, we reach about 53 m³ against 177.70 m³ — under a third. Measuring by the external envelope of the structures

instead of by the concrete brings us to roughly 125 m³, which is still short and is not a usual basis of measurement.

2. Where this led us — Bill No. 800

Looking for the missing quantity, we compared the rainwater drainage drawings — the system serving the interchange at PC 86+72.26, running PC 84+93 + PC 86+9.6 + PC 0+59.44 R33 — with Bill No. 800, and found that its quantities match them exactly:

Item, Bill No. 800	Qty	Drawing
80203.3 Underground sewerage Ø1200 mm	203.2 l.m.	Vol 2 Book 3, planşa 42: TBS 120.25.3int — 203.2 m
80203.1 Underground sewerage Ø250 mm	147 l.m.	Vol 2 Book 3, planşa 42: PVC-U SN4 Ø250 — 133.0 + 14.0 m
80203.2 Underground sewerage Ø300 mm	598.7 l.m.	Concrete pipes TC / TS 30.25.3 Ø0.3 m of the same system. Our own take-off gives 733.5 m — see section 3 below
80203.4 Manholes Ø1.0 m	46 pcs	42 catch basins (Vol 2 Book 1, planşe 39, 40, 41.1, 41.2) + K-1...K-4 (Vol 2 Book 3)
80203.5 Manholes 3.0×3.0 m	1 pcs	Vol 2 Book 3, planşa 42: “Camera C1, 3000×3000 each/buc. 1”

We also confirm that only one chamber of type C-1 exists in the whole design: it appears once on planşa 36 “Plan. Drainage system, Sc. 1:500” is listed as 1 pc on planşa 42, and a text search of all six drawing volumes returns “Camera C” in Vol 2 Book 3 only. The quantity of 177.70 m³ therefore cannot be obtained by multiplying its volume by a number of units.

This leaves us in an awkward position. By function, the works under 80203.1-80203.5 are the road’s rainwater drainage, shown on the drawings marked ‘DA — Podete. Evacuarea apelor pluviale/ Culverts. Drainage of rainwater’. By place in the documents they sit in Bill No. 800 under the heading “Arrangement of communication lines”, and the corresponding chapter of the Technical Specification — Chapter 802 — describes itself in clause 802.01 as concerning “the rearrangement of aerial communication lines, the rearrangement of underground communication lines, protection of underground communication lines”. Nothing in that chapter addresses a rainwater drainage system, and nothing in Chapter 505 tells us that this system is excluded from item 50503.

3. A check we made on item 80203.2 (Ø300 pipework)

Because the Ø300 line is the one that runs through both books, we measured it out of the drawings. Two of the three sources state the length directly, so this is reading rather than scaling:

Source	Calculation	Length	Drawing
Specification of precast RC elements — “Țeavă TS 30.25.3”	81 units × 2.50 m	202.5 m	Vol 2 Book 1, planșa 38.1
Table of Manholes — column “Pipe TC30.25.3 Ø0.3 m length, m”	15 × 15.0 + 2 × 17.5	260.0 m	Vol 2 Book 1, planșa 39
Table of Manholes — same column	11 × 15.0 + 2 × 17.5	200.0 m	Vol 2 Book 1, planșa 40
Sub-total, Vol 2 Book 1		662.5 m	
Ø300 branches on the drainage plan	42.4 + 12.9 + 10.4 + 5.3	71.0 m	Vol 2 Book 3, planșa 36
Total from the drawings		733.5 m	
Item 80203.2 of Bill No. 800		598.7 m	
Difference		-134.8 m (-18 %)	

Vol 2 Book 1 on its own already gives 662.5 m, which exceeds the billed quantity by 63.8 m before the branches in Book 3 are added at all. We are aware that under the Conditions of Contract the works are re-measured, so a shortfall of this kind is corrected at valuation rather than lost. We mention it for a different reason: it suggests that the quantities for this drainage system were not reconciled against the drawings when the Bill was compiled — and that is the most likely explanation for the 177.70 m³ of item 50503 that none of us can reproduce. The two anomalies look like the same root cause.

4. A related point on the rates of Bill No. 800

Plansa 42 of Vol 2 Book 3 states the excavation required for the same network: 165 m³ for the Ø250 pipes, 220 m³ for the Ø300 pipes, 2,085 m³ for the Ø1200 pipes, 30 m³ for the manholes and 25 m³ for the manholes with gratings. We can find no item in Bill No. 200 or elsewhere against which that excavation is to be measured, and clause 802.03 of the Technical Specification says only that “the service trenches and e backfill must be done in accordance with Chapter 203”.

	For the Ø21200 line this is over 10 m* of excavation per linear meter of pipe, which is Tar from a detail in the rate.	
10.	Questions A. Item 50503 Could you tell us which structures and at which stations make up the 177.70 m³? If the designer's take-off (lista de cantitati) for this item exists, a copy of it would answer everything at once.	The quantity of 177.70 m³ under Item 50503 is composed as follows: • 80.50 m³ – drop chamber associated with the 2.5 × 2.0 m culvert at PC 74+11; • 45.20 m³ – drop chamber associated with the Ø1.20 m culvert at PC 0+59.44; • 48.40 m³ – drop chamber forming part of the median-area drainage system; • 3.60 m³ – drop chamber at PC 84+48. Total: 80.50 + 45.20 + 48.40 + 3.60 = 177.70 m³. These quantities do not include Camera C-1 or the circular sewer manholes measured under Bill No. 800.
11.	Is there a type drawing of the rectangular manhole intended by item 50503 — plan, section and reinforcement — that is not in the set issued to us? If so, we should be grateful to receive it together with the schedule of locations.	No separate generic “rectangular manhole” type is required to reproduce the quantity of Item 50503. The quantity is derived from the four drop-chamber structures identified in the answer to Question 9, each to be constructed in accordance with its corresponding design detail.
12.	The words “as instructed by the supervision engineer” read to us as a provisional item, that is, manholes to be built where the Engineer directs and paid per cubic meter of reinforced concrete actually placed. Is that the intention? If it is, the quantity ceases to be our problem and we would simply price a sound unit rate.	No. Item 50503 is not intended as a provisional item. The quantity of 177.70 m ³ is based on structures already included in the design. The wording “as instructed by the supervision engineer” does not convert the item into a Provisional Sum or an undefined future scope.
13.	How is the cubic meter to be measured — the net volume of reinforced concrete in the walls, base and cover only, or does it also take in the blinding concrete, the internal void of the chamber, or the excavated volume? The three give very different rates.	The cubic-metre quantity under Item 50503 is the net volume of structural reinforced concrete forming the relevant chamber, measured to the net design lines. The internal void of the chamber and the excavation volume are not included in the measured concrete quantity. Blinding concrete is not added to the measured reinforced-concrete volume unless expressly included in the same pay item by the Drawings/Specifications.
14.	What is deemed to be covered by that rate? We have in mind excavation and disposal of surplus material, backfilling and compaction, blinding concrete, formwork, reinforcement, waterproofing, levelling mortar, the access ladder, the cover or grating, the wall connectors and stuffing boxes, and the connection of the pipes to the existing ditches.	The unit rate under Item 50503 shall provide full compensation for completing the designed structure, including all work, materials and ancillary components required by the Drawings and Specifications for which no separate BOQ pay item is expressly provided. This includes, as applicable, excavation and disposal of surplus material, temporary support, bedding/foundation preparation, backfilling and compaction, blinding concrete, formwork, reinforcement, structural concrete, curing and finishing, waterproofing, levelling mortar, access elements, covers/gratings, wall

		connectors/penetrations and sealing, and pipe connections to the existing drainage system. Work measured and paid under another BOQ item shall not be paid again under Item 50503.
15.	Which concrete and reinforcement class should we allow for? The two rectangular chambers in the drawings are not the same — C20/25 with B500C and A240 for Camera C-1, and C35/45 XC4 XD3 XF4 with A500C for the Camera de cădere at PC 84+48.	Camera C-1 and the drop chamber at PC 84+48 are separate structures and shall not be priced using the same structural parameters. Camera C-1 is measured under Bill No. 800 (item 80203.5) and shall be constructed in accordance with its dedicated DA-CBA reinforced-concrete Drawings (drawings 43-53). For the drop chamber at PC 84+48, the detailed quantity basis specifies concrete C35/45, exposure classes XC4 XD3 XF4 (item 50503), with the reinforcement shown in the corresponding design detail (drawing 185).
16.	B. 'The boundary between Bill No. 500 and Bill No. 800 We have already put a question to you in these terms: “Can it be considered: That BoQ item 50503 relates to the drainage on the ‘Plan Interchange PC 86+72:26’? Or please explain 10 which part the 177.70 m ³ of BoQ item 50503 ‘Rectangular reinforced manholes including all-pipe connections to existing ditches etc.’ is to be attributed.” We repeat that question here in a wider form, because our reading of Bill No. 800 has given it a significance, we did not see at the time. The drainage system of that interchange — PC 84+93 + PC 86+9.6 + PC 0+59.44 R33, drawings of mark DA — & precisely the system already measured in Bill No. 800 under items 80203.1 to 80203.5, pipe by pipe and manhole by manhole. If the answer to our earlier question is yes, then item 50503 covers work that are already measured in Bill No. 800, and we need to be told which of the two we are to price. If the answer is no, we are still without an explanation of what the 177.70 m ³ consists of. We should therefore be grateful for a direct answer to both halves of the question.	Item 50503 of Bill No. 500 does not duplicate the rainwater drainage system measured under Bill No. 800. Item 50503 comprises the four cast-in-situ drop chambers identified in Question below. Bill No. 800 separately measures the rainwater drainage pipes, circular manholes/catch basins and Camera C-1. Each scope shall therefore be priced once under its respective BOQ item.
17.	Under which item is chamber Camera C-1 (3000×3000×2600(h) mm, planse DACBA 43-53) to be priced and paid — item 50503 of Bill No. 500, or item 80203.5 of Bill No. 800? Please confirm expressly that it is to be priced once only, so that tenders remain comparable.	Camera C-1 (3000 × 3000 × 2600(h) mm) shall be priced and paid once only under Bill No. 800, Item 80203.5 – the 3.0 × 3.0 m manhole/chamber item. It is not included under Item 50503.5 of Bill No. 500.
18.	Likewise for the round manholes: we count 46 of them — 42 catch basins on planse 39, 40, 41.1 and 41.2 of Vol 2 Book 1, plus K-1...K-4 of Vol 2 Book 3 — which is exactly the quantity of item 80203.4. Please confirm that all of these fall under 80203.4 and none of them under item 50503.	The BOQ quantity of 46 No. circular Ø1.0 m manholes/catch basins under Item 80203.4 is confirmed, and none of these circular manholes is included in Item 50503. The final reconciled quantity basis comprises 33 circular structures from the road-drainage schedules together with 13 circular structures in Vol. 2, Book 3 (K-1 to K-4 and Gr-1 to Gr-9), giving 46 in total. Camera C-1 is separate and is measured under Item 80203.5.

19.	Given that items 80202 and 80203-80203.5 are placed in Bill No. 800 under the heading “Arrangement of communication lines”, while Chapter 802 of the Technical Specification addresses only communication lines: which chapter of the Technical Specification governs the execution, testing and acceptance of the rainwater drainage pipework and manholes under 80203-80203.5?	The Participant’s observation is acknowledged. The placement of BOQ Items 80203–80203.5 under Bill No. 800 “Arrangement of Communication Lines” does not mean that Chapter 802 governs the technical execution of the rainwater drainage works. Chapter 802 relates principally to communication and utility networks. The rainwater drainage pipework and manholes under Items 80203–80203.5 shall be executed, tested and accepted in accordance with the requirements shown in Volume 2, Book 3 – “Culverts. Drainage of Rainwater”, including the General Requirements and the applicable provisions of NCM G.03.02:2015, together with the relevant Drawings and material standards indicated therein. For associated earthworks, bedding, backfilling and compaction, the applicable requirements of Chapter 203 of the Technical Specifications shall apply. Relevant provisions of Chapters 501 and 504 shall apply to drainage structures and concrete works, as applicable. General acceptance requirements shall be in accordance with Chapters 001 and 002. The heading of Bill No. 800 is therefore a BOQ classification issue and does not change the technical nature of Items 80203–80203.5 as rainwater drainage works.
20.	Scope of the rates of items 80203-80203.5 Our own take-off of the Ø300 pipework gives 733.5 m against the 598.7 m of item 80203.2, as set out in section 3 above. Could you confirm the billed quantity, or tell us which lengths we ought not to be counting? We raise it not to argue over 135 meters, which the re-measurement would settle in any case, but because the same take-off produced the 177.70 m³ of item 50503 — and if the two share a common origin, we would rather understand it now than at valuation.	The BOQ quantity of Ø300 mm drainage pipe is confirmed as 598.7 m under Item 80203.2. The 598.7 m quantity is reconciled from the final quantity basis as 305.0 m + 202.5 m + 20.0 m + 71.2 m drawing 42 Vol2 book3 = 598.7 m. The higher quantity obtained by the Participant results from an older manhole/drainage schedule in Vol. 2, Book 1 that was not updated to reflect the final drainage arrangement. The relevant drawing schedule is corrected via proposed Amendment # 1 to Tender Documents, Drawings, for consistency with the final design (drawings 39-40 – See Annex 1_039-040.Conectarea tevei de drenare cu camin de captare). Participants shall base their pricing on 598.7 m.
21.	Please confirm that excavation, trench support, backfilling, compaction and disposal of surplus material — including the 2,085 m³ shown on plansa 42 for the 21200 line — are deemed included in the linear-metre rates of items 80203-80203.3 and in the per-piece rates of items 80203.4 and 80203.5. If any of it is measurable elsewhere - please tell us under which item.	Confirmed. Excavation, trench support as required, bedding/foundation preparation, backfilling, compaction and disposal of surplus material necessary for the drainage system are included in the applicable Items 80203.x unit rates unless an expressly separate BOQ pay item is provided. The 2,085 m³ shown on Drawing 42 for the Ø1200 mm line is a design quantity for the required trench earthworks and is not a separate payment quantity in the

		present BOQ. Execution of the trench and backfill shall comply with Chapter 203 and the drainage Drawings.
22.	Please also confirm what else those rates are deemed to include: pipe bedding, joints and sealing, preliminary testing of the pipelines to SNIIP 3.05.04-85, wall connectors and stuffing boxes, waterproofing, covers, gratings and access ladders. Why it matters to us Item 50503 alone is large enough to move the tender sum appreciably, and the boundary with Bill No. 800 decides whether a substantial part of the drainage system is priced once, twice or not at all. Without your answer each tenderer will resolve this differently and the prices you receive will not be comparable. We should therefore be grateful for a reply before the deadline for submission and, should the answer change the scope or the quantities, for a corresponding addendum to the tender documents.	Confirmed. The applicable Items 80203.x rates shall include all components and operations required by the Drawings and Specifications for a complete and accepted drainage system where these are not separately measured in the BOQ. This includes, as applicable, pipe bedding, joints and sealing, preliminary and acceptance testing of the pipelines, sealing/tightness of pipe penetrations through walls, wall connectors or equivalent penetration details, waterproofing where specified, covers, gratings and access ladders. No component paid under another BOQ item shall be paid again under Items 80203.x.
23.	Land Acquisition and Temporary Land Use Reference: Tender Documents / FIDIC Conditions of Contract / Site Access Requirements - Please clarify the allocation of responsibility for the acquisition, provision, and/or use of land required during the preparatory and construction stages, including land required for temporary facilities, construction camps, temporary access roads, storage areas, borrow areas, quarries, asphalt/concrete plants, and other temporary works. - In particular, please confirm which land acquisition, leasing, permitting, compensation, and related costs are the responsibility of the Employer and which are to be borne by the Contractor. - Where such costs are the Contractor's responsibility, please clarify the applicable method of measurement and payment, or confirm whether they are deemed to be included in the Contractor's rates and prices.	- Please refer to Technical Specification - Sub-Clause 003.01 – Contractor's Site Facilities, Sub-Clause 003.03 – Temporary Works, and Sub-Clause 105.08 – Provision of Diversion Roads. - The Contractor shall be responsible for identifying and arranging the sites required for his compounds, offices, workshops, stores, plants and other temporary facilities, including obtaining the necessary permission to occupy and use such sites. Where land outside the existing right of way is required for temporary diversion roads, such land shall be acquired or leased by the Contractor from the respective landowners/proprietors. - All associated costs, including land leasing/acquisition, permits, arrangements and reinstatement, shall be borne by the Contractor and shall be deemed included in the relevant Contract rates and prices, unless otherwise expressly provided in the Contract.
24.	Restrictions Related to Fish Spawning and Works Near Watercourses Reference: Environmental Requirements / Technical Specifications	Please refer to Technical Specification - Sub-Clause 016.03 – Contamination of Watercourses. The Technical Specifications do not specify a separate fish spawning period or project-specific calendar dates; however, works adjacent to watercourses shall

	Please clarify whether any statutory or project-specific restrictions apply to construction and production activities carried out in or near watercourses within the Project area, including restrictions associated with fish spawning periods. If such restrictions apply, please specify: - the applicable statutory or contractual periods, including the relevant calendar dates or months; - the types of works and activities subject to such restrictions; - whether construction or production activities may be carried out during the restricted period subject to specific permits or mitigation measures; and - the required mitigation measures and/or procedures for obtaining permission to continue the Works during such periods. Please also clarify whether any restrictions apply specifically to activities such as works in riverbeds, temporary crossings, extraction of materials, concrete works, or other activities that may affect watercourses.	be scheduled strictly within the dry season, and the Contractor shall comply with the approved ESMP, all applicable environmental legislation and permitting requirements, as well as Sub-Clause 4.18 [Protection of the Environment] of the FIDIC Red Book, including the requirements of the Project-specific ESMPs disclosed on the NRA website: https://www.andsa.md/m1-km-1-00-9-00-lot-1/ and https://www.andsa.md/m1-km-9-208-38-800-lot-2/
25.	Vehicles for the Engineer Reference: Technical Specifications / Requirements for the Engineer's Facilities Please clarify whether the Contractor is not required to provide vehicles for the Engineer/Supervision Team, and that the Contractor's obligations in relation to the Engineer's facilities are limited to those expressly specified in the Tender Documents. If vehicles are required to be provided by the Contractor under any other section of the Tender Documents, please specify the applicable number, type, technical requirements, and relevant BOQ item.	Please refer to Technical Specification - Sub-Clause 004.08 – Vehicles for the Engineer. The Contractor is not required to provide vehicles for the Engineer/Supervision Team. Accordingly, no vehicle provision, number, type or related BOQ item is applicable under the Technical Specification.
26.	Reinstatement of Temporary Facilities and Vegetation Restoration Reference: Environmental Specifications / Site Reinstatement Requirements For temporary office areas, laboratories, construction camps, storage areas, temporary plants, and other temporary facilities, please clarify the specific	Please refer to Technical Specification - Chapter 016, Clause 016.01 – Revegetation of the Technical Specifications. The Contractor shall reinstate and re-vegetate areas affected by temporary facilities and works, including camps, work stations, spoil heaps and borrow

	requirements applicable after their removal, including reinstatement of the land, landscaping, topsoil replacement, and restoration of vegetation.	pits. No exposed or unvegetated soil shall remain upon completion of the Works. The related costs are covered under BOQ Item 01601 – Compliance with C-ESMP Requirements, measured as a Lump Sum and paid in accordance with Chapter 016.
27.	Inclusive Component – Practical Training for Unemployed Youth Reference: Chapter 017 – Inclusive Component The Tender Documents require the Contractor to provide practical training opportunities on the Site for at least ten (10) registered unemployed young people. Please clarify the detailed requirements applicable to the implementation of this component, including: • the minimum number of mentors/trainers required; • the minimum educational qualifications and professional experience of mentors/trainers; • whether specific professional qualifications or experience in the relevant training disciplines are required; • whether a specific mentor-to-trainee ratio applies; • whether the trainees are required to be employed under employment contracts during the training period; • whether remuneration, salary, stipend, allowance, or other payments must be made to the trainees and, if so, the applicable basis for determining the amount; • whether the Contractor is required to provide accommodation for trainees; • whether the Contractor is required to provide office, classroom, workshop, or other dedicated facilities for the training programme; and • whether transport, meals, PPE, medical examinations, insurance, and other related costs are to be provided by the Contractor. Please also clarify the applicable measurement and payment mechanism for these costs under the relevant BOQ item.	Please refer to Technical Specification, Chapter 017 – Inclusion Component. The Contractor shall provide practical on-site training for at least 10 registered unemployed young people per Lot and submit an Inclusion Delivery Plan within 42 days of the Commencement Date. The Plan shall specify the training disciplines, trainees and mentors, including their qualifications. The Technical Specifications do not prescribe a specific number of mentors or mentor-to-trainee ratio. The proposed arrangements shall be subject to the Engineer's approval. Trainees shall be employed under signed employment contracts for 4 or 12 months, depending on their education level. Eligible costs include part-time mentoring, PPE, short-term insurance, medical examinations, transport, meals and other costs required by national legislation. Accommodation is not included as an eligible cost. The costs associated with the Inclusion Component shall be financed from BOQ Item 01701 – Inclusion Component, Provisional Sum, EUR 85,000. The Provisional Sum shall be used for the implementation of the Inclusion Component in accordance with the Contract, the approved Inclusion Implementation Plan and the Engineer's instructions/approval, as applicable. The Contractor shall provide adequate supporting documentation for the costs incurred. The Provisional Sum shall not be understood as a fixed lump-sum payment or as a fixed amount payable per trainee. Payment shall be made against eligible and properly substantiated costs incurred for the implementation of

		the Inclusion Component, in accordance with the applicable contractual procedures for Provisional Sums.. More requirements are described on - https://www.andsa.md/wp-content/uploads/2026/06/Annex-no.3-Draft-Training-and-Economic-Inclusion-of-the-Young-People-Lot-no.1-rev.1-March-2026.pdf
28.	Connection to the National Electricity Grid Reference: Technical Specifications / Utilities and Site Services / Site Mobilisation Requirements Please clarify whether connection of the Contractor's temporary facilities and/or construction Site facilities to the national electricity grid is envisaged or permitted during the construction period. If grid connection is available or technically feasible at or near the Site, please provide, to the extent available: • the location and technical conditions of the nearest connection point; • the applicable procedure for obtaining the connection; • the estimated time required for obtaining the necessary approvals and permits; the estimated connection costs and any applicable network charges; and clarification as to which party is responsible for such costs and arrangements.	Please refer to Sub-Clause 003.02 – Provision of Services. The Technical Specifications do not provide for an Employer-arranged connection to the national electricity grid. The Contractor shall be responsible for making the necessary arrangements and providing the electricity supply required for the temporary facilities and the Works, including the necessary equipment.
29.	Equipment – Specific Models and Equivalent Equipment Reference: Technical Specifications / Equipment Requirements Please clarify whether the Tender Documents require the use of any specific equipment models or manufacturers, or whether the requirements are based solely on the specified technical and performance parameters.	Please refer to Technical Specification, Sub-Clause 001.01 – Conformity with Contract and Project Requirements and the relevant equipment requirements under the Technical Specification. The Tender Documents define the required technical, functional and performance requirements and generally do not prescribe specific manufacturers or equipment models. Where a specific product or manufacturer is identified, “or approved equal” shall apply where stated.

		The list of required equipment is provided in Table 8 – Equipment (*) of Section IV – Eligibility and Qualification Criteria of the Tender Document. Alternative standards or equivalent solutions may be proposed, subject to the Engineer’s prior review and written approval, provided they achieve substantially equal or higher performance and comply with applicable legal requirements.
30.	Compensation for External Disruptions and Events Beyond the Contractor's Control Reference: FIDIC Conditions of Contract / Claims and Extension of Time Provisions Please clarify if there is a rule regarding the absence of compensation for external disturbances, such as land seizure, relocation of utility lines, opposition from local residents, and other similar circumstances? We would appreciate receiving the Employer's official clarifications through ECEPP. The requested clarifications are intended to ensure a consistent interpretation of the Tender Documents and to enable the Tenderer to accurately assess the technical requirements, construction methodology, programme, costs, and contractual risks associated with the Works.	The FIDIC Conditions of Contract do not provide a general exclusion of entitlement for external disruptions. Any entitlement to Extension of Time and/or Cost shall be determined in accordance with the relevant Conditions of Contract, including Sub-Clauses 8.5 and 8.6, where and when applicable, and shall be subject to the Claims procedure under Sub-Clauses 20.1 and 20.2. Events such as land acquisition, utility relocation or third-party interference shall be assessed in accordance with the contractual risk allocation and the applicable provisions of the Contract.

Appended to CLARIFICATION DOCUMENT No.1 to TDs:

- *Amendment # 1 to Tender Documents (with attachments).*
- *“Page 14 podet.pdf”*
- *“Page 17 podet.pdf”*

End of section.