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**REPUBLIC OF MOLDOVA  
ROAD SECTOR PROGRAM**

**STATE ROAD ADMINISTRATION**

**CLARIFICATION DOCUMENT NO. 1**

**Answers to the Requests for Clarification received  
from prospective Tenderers**

**Rehabilitation of R6 M1-Ialoveni Road, km 0+000 –km  
6+550 (Rehabilitation of M2 – Chisinau Bypass, km 00+000 -  
km 6+550)**

**under the Contract RSP/W11/03**

**Issued: December 08, 2018**

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### 1. Question

Site Preparation Art. 10103 "Provision for traffic calming measures and works identified in Road Safety... is not clear the meaning of this text please I need a clarification.

### Answer 1

The calming measures identified in Road safety audit will consist of the provision of road access and acceleration/deceleration lanes at km 0+330, km 1+000- km 1+200, km 1+500 – km 1+570, km 1+730, km 2+730 – km 2+840, km 4+320 and km 4+890, new lane at km 6+550 and the rearrangement of the roundabout at km 0+000. The work will be done using submitted tender unit rates, and by adjusting the submitted BoQ quantities, to include the quantity of works required for these works. The conceptual drawings and afferent quantities for implementation of the traffic calming measures and works were added to the Tender Documents, Vol.II, Part 2, Section VI Requirements, Technical Specifications.

Please see the Addendum No. 1 to the Tender Documents

The Construction Drawings for the traffic calming measures and works will be provided to the Contractor upon the Commencement of the works.

### 2. Question

The Execution of Earthwork Art. 20107 & 20117-01 there are no specifications about the geotextile to be used.

### Answer 2

Please refer to Technical Specifications, Subchapter 014.03, GEOTEXTILES, Table X2, Specification profiles No 5 for the type of Geotextile to be supplied.

### 3. Question

I would kindly ask if to participate to the above tender the status of a JVC (Consortium) need a notaries legalization.

### Answer 3

A notary legalization is not required.

However, pursuant to provisions described under ITT 11 (i) of Tender Documents, *in the case of a Tender submitted by a JVCA, a JVCA agreement indicating at least the parts of the Requirements to be executed by the respective partners shall be presented.*

### 4. Question

In regard to the Equipment Requirement from the tender document, instead of owning, hiring, or leasing one asphalt mixing plant, could we provide one purchase agreement of asphalt materials from local suppliers? Or, can we sign an agreement with local existing asphalt mixing plant to hire them on hourly or daily bases? Based on our evaluation and research, the needed asphalt quantity of this project is not very necessary to set up its own asphalt mixing plant. We can buy required quantity of asphalt materials directly from local suppliers in Chisinau region. The local asphalt suppliers have higher production capacity than the "minimum output 120 tonnes/hour" as requested in the tender document, and they are very experienced in producing qualified asphalt materials according to required standard. Moreover, asphalt production will be under supervision of the Engineer.

#### **Answer 4**

In accordance with the Table 2.6, Equipment, Part 1 – Section IV: Tender Forms, Tenderer shall have access to the listed equipment, including asphalt mixing plant. The referenced provision allows several modalities to comply with the requirement, including hire, but also other means. Therefore, the manner described in the question will be acceptable for the Employer.

The compliance of the asphalt mixing plant to the contract requirements shall be certified to the satisfaction of the Engineer. Tenderers shall remain responsible for mobilization, during mobilization phase or thereafter, of a different asphalt mixing plant in case of failure to secure Engineer's certification of the hired plant as above. No additional costs, if any, for mobilization of such other compliant asphalt mixing plant shall be the responsibility of the Employer.

#### **5. Question**

For the insurance of this project, is there a limitation for the insurance company? Could the insurance company be registered and operated outside of Moldova, for example, insurance company from China?

#### **Answer 5**

There is no limitation regarding the nationality of the insurance company, i.e. a Chinese company acting as the insurer, is acceptable to the Employer.

#### **6. Question**

In the tender document "TD\_Part\_1\_Section\_IV\_Tender\_Forms\_Bills\_of\_Quantities", both in PDF and Excel format, the PREPARATORY WORKS has already inputted 740,000.00 euro. Is it a mistake or your Administration has put a limitation or fixed amount for this part of BOQ? In your description, tenders shall not make any changes to the content, format/layout and/or formulae of the spreadsheet.

#### **Answer 6**

The tenderer shall not modify the row for Item no. 10103 "Provision for traffic calming measures identified in Road Safety Audit Report which are to be included into the works" and the total shown for Bill 100 should not be 740,000 and has to be deleted as shown in Addendum No.1 to the Tender Documents.

The Item for Provisional sum is itself EURO 740,000. The tenderer shall insert its own prices for the other activities in Bill 100 PREPARATORY WORKS and then total of all sums (including the Provisional Sum of EURO 740,000) to achieve the total Cost for Bill 100 PREPARATORY WORKS.

The works which are to be performed under Item 10103 are specified in Answer Question 1.

#### **7. Question**

In the tender document, part\_2\_Section\_IV\_Requirements\_EMP, page 7: 4.1...Sustainable borrow areas are indicated in the Geotechnical Report. These borrow areas are already in operation.

Question: We cannot find this above-mentioned Geo-technical Report documents in the tender document, please clarify this issue.

## Answer 7

The Geotechnical Report can be downloaded following the link:

[http://files.asd.md/Procurement/RSP\\_2018\\_OT\\_W11\\_03/R6\\_Geotechnical\\_Report.pdf](http://files.asd.md/Procurement/RSP_2018_OT_W11_03/R6_Geotechnical_Report.pdf)

Tenderers are informed that where it necessary to obtain material / earthworks embankment or other construction works from borrow pits, the Contractor shall be entirely responsible for the location and operation of such pits and for obtaining all necessary permits and authorizations as well as for all acquisition of borrow pit areas and meeting all claims for compensation resulting from the operation of such borrow pits. No separate or additional payments will be made in relation to the purchase, transport and placement of any of the above materials.

## 8. Question

In the tender documents,

TD\_Vol\_I\_Part\_1\_and\_Part\_3\_Tendering\_Procedures\_Requirements\_Contract\_Forms.pdf, page 20: f. Define activity durations on a monthly basis.

Question: When preparing the schedule, is it necessary to complete the division of each job within one month? For example, if the whole excavation work will be three months, do we make three separate Gantt chart for each month? Or, do we make one single Gantt chart which indicates it will be done within three months?

## Answer 8

Tenderers are required to provide one single chart, notwithstanding that some of the activities spans over several months.

## 9. Question

In the documents,

TD\_Vol\_I\_Part\_1\_and\_Part\_3\_Tendering\_Procedures\_Requirements\_Contract\_Forms.pdf, page 34, Table 4.6 Equipment: Asphalt haulage trucks (min. capacity 15 tonnes each) - Minimum Number required 10; General Haulage trucks (15 tonnes capacity) – Minimum Number required 10.

Question: Are there any differences about those two above haulage trucks. Normally, we use same haulage trucks to transport mixed asphalt and mixed concrete materials. Only if liquid asphalt will use special haulage trucks with tanks

## Answer 9

There are no specific differences between the trucks, however, generally, Contractor will be implementing earthworks, transporting materials, and performing granular pavement work concurrently with asphalt works and as such different trucks will be used for different purposes.

The main concern with the use of the “same” trucks for all work are:

- 1) Lack of resources to implement the different types works concurrently.
- 2) Risk of contamination of asphalt with granular materials / embankment fill.

It is the Contractor’s responsibility to ensure that there are sufficient resources provided to implement the works however a total of “minimum” 20 trucks are considered acceptable as a tender requirement and mobilization target. The Contractor may need to increase this number depending upon its work program.

### 10. Question

In the tender documents,  
TD\_Vol\_II\_Part\_2\_Section\_VI\_Requirements\_Technical\_Specifications, page 29-30,  
CHAPTER 005. LABORATORY.

The laboratory shall be set up in accordance with any requirements of the Department for Measurements and Standards and with the requirements of this Contract. The Contractor shall provide the equipment and consumables necessary for carrying out all the sampling, testing and recording required by the Specifications and any additional testing instructed by or undertaken by the Engineer.

On the completion of the project all the laboratory equipment and furniture shall remain or become the property of the Employer if required"

Question: In the above context, your administration asks a full set of laboratory, do you require a complete list of equipment in the tender process?

### Answer 10

A full list is not required at tender submission, however sufficient equipment must be supplied to the laboratory in order to enable all necessary testing required for quality control purposes and such equipment must be new.

### 11. Question

In the tender documents, TD\_Vol\_III\_Part\_2\_Section\_VI\_Requirements\_Drawings.pdf, page 10-17. Typical Cross Section Details.

Question: In the Cross Section drawings, for example,  
Type 2, chainage include km 0+047, 37 - 0+210, 00, and  
Type 13, chainage include km 0+090, 00 - km 0+211, 79

For some Cross section drawings, the under listed chainage are some part repetitive, could you please clarify this issue.

### Answer 11

Type 2 and Type 13 will be applied on different sectors. Type 13 will be applied on the axis 325. Please refer to "Detail 1-2" from drawing CLD 001.

### 12. Question

What kind of construction have diversion road and placement of it, on which KM?(NR art.10501)

### Answer 12

Diversion roads are required at the start of the Road Km 0+000 (roundabout) and the end of the road section (Km 6+500) to enable the new road to link into the existing network. Two-way traffic shall comprise of lanes of 3.5m each and for one-way traffic one lane of 3.5m width.

Dimensions are given in Technical Specification Section 0.007 Traffic Management. Diversion Roads shall be constructed using 300mm of sub-base complying to BoQ Item 30302A, and surfaced with 60mm asphalt complying with BoQ Item 30505.1.

**13. Question**

Where is location of the soil quarry? (NR art. 20101/20101A)

**Answer 13**

Please refer to Answer Question 8.

The Employer will not provide the location of any quarry. As per answer to Question 8, it is the tenderer's responsibility to locate and obtain approvals for establishing quarries for the purpose of supply of materials.

**14. Question**

Where we can find drawings for rectangular reinforced manholes? (NR art. 50504)

**Answer 14**

The drawing for rectangular reinforced manholes was added accordingly in the Drawings: SD 33-1, SD 33-2-1 and SD 33-2-2 for rectangular manholes. Please refer to the Addendum no.1 to the Tender Documents.

**15. Question**

What kind of kerbing it's about? In drawings we find B1-20-75, is it that? (NR art. 50802)

**Answer 15**

Yes, it is B1-20-75. The drawing with dimensions for B1-20-75 kerb was added in the Drawings: SD 32-1 mod 1 for this Kerbing. Please refer to the Addendum no.1 to the Tender Documents.

**16. Question**

Is required to have safety and security certificate for New Jersey barrier? (NR art. 60203)

**Answer 16**

New Jersey barrier shall be manufactured to the dimensions shown in drawing TCS-04-01 and to the quality requirements of Technical Specification 602.01.

**17. Question**

Please, we need more details about design of engineer utilities (gas, electricity etc.). (Bill 800)

**Answer 17**

The layout of the Utilities is shown in the Drawings IL - 002, IL - 003, IL - 004 and IL - 005.

**18. Question**

Please let us know in what form is the tender guarantee amounting to 220,000 euros.

Is the requirement fulfilled if the bidder presents a Letter of Guarantee issued by an insurance company at the opening of the tenders?

**Answer 18**

In accordance with ITT 19.1, of Part 1 - Section I: Instructions to Tenderers of the Tender Documents, *The Tenderer shall furnish as part of its Tender, the original of a tender security using the form included in Section IV, Tender Forms.*

According to the same ITT 19.1, the issuer of the tender guarantee shall be a bank, with the minimum required credit rating stated therein. Any guarantee issued by a non-bank issuer shall not be accepted.