



## Circular No. (3)

### Reference: TENDER 04/2016 –Construction of Road Nos. 1 & 5 and Drainage Systems at Duqm Port

Tender Documents Collection  
date: 25<sup>th</sup> April 16  
Site Visit: 10<sup>th</sup> May 2016

Submission date: Tuesday/24<sup>th</sup> May 2016  
1<sup>st</sup> Revised Submission Date: Tue/21<sup>st</sup> June 2016

### Subject: Reply to Queries

Reference to the bidder's clarification on the above subject, kindly see attached reply to queries for your kind action and record.

### NOTES:

- All Bidders are to endorse this Circular and attach it as part of their tender submission.
- Bidders are advised that SEZAD shall **not accept** any further queries as tender shall be submitted on: Tuesday/ 21<sup>st</sup> June 2016 at 12h00, Muscat Time.

Kind regards,

  
SEZAD, Tenders & Contracts

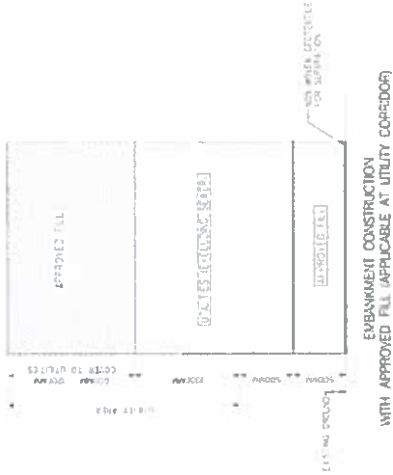




**TENDER No. 4/2016**  
**Construction of Road Nos. 1 & 5 and Drainage Systems at Duqm Port**  
**Tender Queries / Response 2**

No.	Query	Reply
1	<p>Tender Documents, Volume I, Section 3, Description of the Works, it is mentioned that Road No. 1 is proposed as 2x2 lane dual carriageway. But in the Tender Drawings, Typical Cross Section, Sheet 1, Dwg.No.: CL_RD_103_01_07_001 the Typical Cross Section for Road No. 1 shows 3 x 2 lane dual carriageway. Please clarify and confirm the no. of lanes in each carriageway in Road No. 1</p>	<p>The third lane shown is the acceleration lane</p>
2	<p>Tender Documents, Volume I, Section 3, Description of the Works, it is mentioned that the median is 40.9 m wide in Road No. 1 whereas in the Tender Drawings, Typical Cross Section, Sheet 1, Dwg.No.: CL_RD_103_01_07_001 the Typical Cross Section for Road No. 1 shows 33.4 m wide median for Road No. 1. Hence please clarify the same.</p>	<p>Refer to Addendum No.1.</p>



3	<p>Tender Drawings, Ground Improvement and Pavement Section Details, Dwg. No:CI_RD_107_01_07_001, Embankment Construction with Approved Fill</p>  <p>We believe that the Contractors' scope of work in this 63 m wide utility corridor is only the filling works below the utilities as shown in the above cross section. Ducting, surround required for utilities and the fill above the utilities as shown in the above cross section is not a part of contractor's scope. Please confirm.</p>	<p>Refer to TQR1 Response # 65: The 63m wide utility corridor is not part of the present scope of work. However, the embankment work with geotextile on the utility corridor will be required where the existing utilities are to be relocated. Refer to Addendum No.1</p>
4	<p>Tender Drawings, Typical Cross Section, Sheet 1 to 4, an area "Reserved for Future Facilities" is shown in the Cross Sections of Road No. 1 &amp; 5. Please clarify the scope of works involved in this area which is reserved for future facilities.</p>	<p>Reserved Area for Future Facilities is not part of the present scope of work</p>
5	<p>Please provide the typical cross sectional drawing for the earthen drain which runs along the Service Road SR-01.</p>	<p>Refer to Tender Addendum No.1</p>



6	Tender Drawings, Drainage Channel Grading Profile, the profile of existing ground levels of the left dyke and right dyke is shown in the drawing whereas the levels for the same is not available in the table shown below	Dyke top level profiles are shown and annotated on Tender Drawings series CI_SD_251_01_04_XXX
7	Tender Documents, Section 7, Bill of Quantities, Bill No. 2, Earthworks, Item No.: 2.3.6 (v) "Leveling and Grading for Wadi Training Works", The unit of measurement for the said item given in the BOQ is "cum". We believe that the unit of measurement for the same should be in "sqm" instead of "cu.m". Please Confirm. If the unit of measurement is "cum" please provide us the cross section.	The unit of measurement shall be cu.m. Refer to Tender Addendum No. 1
8	Tender Drawings, Drainage Layout Plan, Sheet No. 7, Dwg. No.: CI_SD_251_01_03_007. The said drawing shows "Area to be graded" in many places. Please clarify under which BOQ item this will be paid.	This shall be paid under Leveling and Grading of Wadi.
9	Tender Drawings, Drainage Layout Plan, Sheet No. 6, Dwg. No.: CI_SD_251_01_03_006, a Drop Inlet Chamber of size (3.00 x 2.00) is shown in the drawings, whereas the item for the same is not available in the Bill of Quantities. Please Clarify.	This shall be paid under concrete works.
10	Tender Drawings, Dwg No.: CI_TP_777_01_10_002 to 009 shows Communication Manhole & Handholes. The items for the same are not available in the Bill of Quantities. Please clarify.	Refer to Addendum No.1.
11	Tender Documents, Volume II Special Specifications, Page 8-15, 8.5 GRP Lining, it is mentioned as "The minimum thickness of the linings shall be 6mm, to be applied to internal surface of manholes and inspection chambers of size 900x900mmx1000mm (depth) or more or where specifically shown on the drawings or mentioned in the specifications" whereas the drawings for manholes & inspections chambers in the Tender Documents do not show any GRP Lining. Please clarify.	GRP lining is not required for the manholes in Duqm project



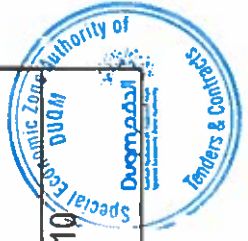
12	<p>Tender Documents, Section 1, Clause No. 1.28, Tender Evaluation Criteria, Technical Capability, Item No. T1,  “Experience in construction identical to the scope of this project in the last five (5) years (Completed in the last 5 years) while acting as Main Contractor:  Only four (4) projects will be considered for evaluation Minimum value of project RO 25 million”  Considering the works involved in this project, we feel that the criteria set above is very severe and difficult to satisfy for most of the Omani companies. Hence we kindly request you to reconsider and revise the above said criteria for the Minimum value of each completed project from RO 25 million to RO 10 million.</p>	Refer to Tender Addendum No.1
13	<p>During detailed site visit, it is noticed that along the alignment of Road No. 5 and the corridor area are dumped with waste soil materials and boulders .  We presume that loading and removal of these unsuitable waste materials are measured under Item No. 2.3.6(i). Please clarify.</p>	Refer to Tender Addendum No.1
14	<p>In the BOQ, Volume 3, Item No. 2.4.6(ii), Page 2/2 – “Rock fill to embankment – 334,800 cum”. Based on special specification Section 2 Earthwork Page 2-5, the material should be stock piled at project site and quantity will be measured before laying, compacting according to the drawings and specification. Please provide the method of measurement of boulders in stockpile.</p>	<p>The actual volume of the stock pile shall be measured based on the surveyed elevations of the stock pile. This shall be applicable only wherever the actual quantity cannot be determined according to the method of measurement specified in the Contract Specifications for embankment fill.</p>



15	We assume that the existing access roads available near the project locations can be utilized for this project also. Please confirm.	The main construction access road is shown on the drawings, any other existing road can also be used with concurrence of the Engineer.
16	Please provide the land rent per sqm per year for contractor's camp, accommodation, office and industrial facilities.	Refer to TQR1 Response # 20: The contractor can apply for laydown area for the project and pay the fees as per latest regulations.
17	During the site visit it was understood that a decision concerning the inclusion or not of the optional works into the main works will be taken shortly. Question: This decision has been made?	The decision will be during the construction period
18	In the BOQ, Volume 3, Item No. 9.6.6(i), Page 6/1 – "RCC slope protection 100mm thick (1.2 m x 1.2 m panels) – 7,000 sqm". Please provide the details of panels including reinforcement details since it is not shown in the drawings.	Refer to TQR1 Response #73:Concrete grade shall be 40/20. Refer to Tender Addendum No.1 - Drawing No. ST_GE_348_01_10_001 for reinforcement details. The concrete shall meet the durability requirements (permeability tests) of structural concrete as specified in the contract Specifications.
19	In the BOQ, Volume 3, Item No. 9.9.6(i), Page 6/2– "Concrete lining 150mm thick with wire mesh – 110,300 sqm". In the drawing No. CI SD 777 01 10 006, (the sectional drawing of Channel-4), it is not clear whether the bedding layer below channel is plain concrete or sub base. Please clarify with thickness of layer.	Refer to Tender Addendum No.2
20	In the BOQ, Volume 3, Item No. 8.3.6(ii) a,b,c and 8.3.6(iv) Page 5/4– Grated Inlet chambers and Drop inlet chambers , we could not find specific drawings for these chambers. Please provide the details of chambers with dimensions.	Grated inlets are given in Tender Drawings. For Drop Inlet Details refer to Tender Addendum No.2
21	Refer to BOQ Item 8.1.6(ii) (Reinforced Precast Concrete Pipe Culvert diameter 600mm). We are unable to find this item in the drawing please provide the detailed drawing and layout for above mentioned item.	Refer to Tender Drawings



22	Refer to BOQ item 8.1 (Pipe Culvert), Does measurement of this item is actual pipe length or culvert length? If measurement is based on culvert length kindly revise the BOQ item according to number of cells. Kindly clarify.	The pile culvert is measured based on the length of the pipes installed at site.
23	Refer to BOQ item 8.2.6(i) (a, c, d, e, f, g, i, j, k & l) HDPE Pipes & RC Pipes, we are unable to find these items in the drawing. Please provide updated drainage layout drawings and specifications for above mentioned items.	These items are provisional quantities which are not available in the Dwg.
24	Refer to BOQ item 18.3.6(i) (i, j, k & l) (mild Steel Sleeves for road crossing ducts). Please provide the specifications for the above mentioned item.	Refer to TQR1 Response # 66: The mild steel sleeves are replaced with UPVC and RCC Pipe. Refer to Addendum No. 1.
25	Refer to Drawing # CI_SD_777_01_10_006 in Detail A, HDPE Weep Hole Details shown on drawing. Kindly provide item in the BOQ.	Included in concrete lining item
26	Refer to drawing # CI_SD_777_01_10_006 and BOQ item # 9.6.6(i) (Reinforced Concrete Slope Protection), we found Geotextile and gravel backing weep holes under concrete panels. Kindly clarify where we should measure these two items in BOQ.	Included in slope protection item
27	Refer to BOQ item # 9.9.6(i) (Concrete Lining), kindly clarify blinding concrete required under concrete lining or not. If yes then where we should consider this blinding in BOQ.	Blinding is not required. Polythene sheeting shall be provided to avoid contamination of concrete lining.
28	We refer to above tender and would advise that the an estimate quantity of approximately 2.5 million cubic meter of borrow material are required for the earthworks. We would appreciate if you can advise a suitable borrow pit in the vicinity for the requirement of the project.	Refer to TQR1 Response # 9: It is contractor's responsibility to identify suitable borrow pit as noted under Section 2.4.2 of the Special Specifications.
29	Please provide the detailed drawing for interlock tiles and precast concrete curb stones.	Refer to Oman Highway Design Standard HDS 2010





30	Refer to BOQ, Optional Work, item # 5.1.7(i) c & 5.7.6(ii). Please provide the layout, detailed drawing and specifications for the above mentioned items.	Items such as concrete, grouted riprap, loose riprap and gabions shall be measured under relevant items in the Bill of Quantities. For layout plans and typical sections refer to Tender Drawings and Tender Addendum No.1.
31	Refer to BOQ, item # 13.137 (vii) & 13.1.7 (ix). Please provide the detailed drawing and specifications for the above mentioned items.	Refer to Oman Highway Design Standard HDS 2010
32	Refer to Special Specifications, clause # 2.5.3.1 (16). Contractor is not allowed to use sea water for embankment construction then kindly clarify should we use fresh water. If yes then kindly provide the location for authority fresh water nearest to project site area.	Refer to TQR1 Response # 68:
33	Tender Document Volume-1, Section-3-Description of works, page no-33, Note-3, "The Contractor shall follow the mile stone mentioned in the Contract. The Road No.1 shall be completed within 12 months from the end of mobilization period". • We believe that, milestone-1 covers only road works. Any other structures such as channels, slope protection, street lighting etc. will not be part of milestone-1. Please confirm. • Please provide scope of work under milestone-1.	The contractor should complete Road No.1 in all respects as per the drawings and specifications.
34	Please provide typical cross section for Interlock Pavement.	Refer to Oman Highway Design Standard HDS 2010
35	Refer to "Addendum # 2" Tender clarifications, we noted that you provided some revised documents in addendum # 1. But we received only "Extension of time letter". Kindly provide complete documents for addendum No.1 & 2	In the TQR1, there is no reference to Addendum No.2.



**The SEZAD fees charged for various services to the Contractor during the execution of the project (PSD)**

#	Type of service/ permission	Concern Department	application	Fees
1	Usufruct for offices and Accommodation land (labor Camp)	OSS	Company Should apply for Usufruct	- Rental of land depend on area zoon
2	Labor Camp permit	Environmental affairs	Environmental Application form	- 100 O.R
3	Environmental permit for project (road)	Public Service Department	Labor Camp permit application	- 100 O.R for Buildup area = 1000 m2 = and More than 1000 m2 = 5 baisa/ m2 will be added for each msq
4	Excavation Permit	Environmental affairs	Environmental Application form	100 O.R
5	Project's Signboard	Public Service Department	Excavation permit application form	50 O.R
			Project's Signboard Application Form	- 100 OR. For signboard with area less than 30 m2 - 250 OR. For signboard greater than 30 m2

