

Circular No. (4)

Reference: SEZAD Tender No. (19-2015) "EPC Construction Services for Detailed Design and Construction of the Duqm Refinery Service Corridor to the Liquid Jetty"

Date of Collection of Tender Documents: 24/08/2015 Submission date: 03/11/2015

Subject: Reply to Queries

Reference to the bidder's clarification on the above subject.

Please see the attached reply to queries for your kind action and record.

NOTE:

- Any queries and/or clarifications are to be officially submitted to SEZAD Tenders.
- All Bidders are to endorse this circular and attach it as part of their tender submission.

Kind regards

Handwritten signature
Fowd



SEZAD, Tenders & Contracts.

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No.	QUERY	No.	ANSWER	DATE	BY
1.	<p><u>Type of sleepers construction:</u></p> <p>You are kindly requested to advise the type of construction to be used for the sleepers, since drawing no 1409/DUQM/113/SE indicates cast in situ concrete, while as per the Scope of work of document "EPC Construction Services for the Project Design & Construction of the Duqm Refinery Service Corridor to the Liquid Jetty" the preferred design of the sleepers is for precast.</p>		<p>The successful contractor may decide which method of construction best suits his design and means and methods.</p>		
2.	<p><u>Length of piles:</u></p> <p>Please confirm that the depth of the piles will vary, according to borehole finding (zones) as per drawing 1409/DUQM/111/SE and drawing 1409/DUQM/112/SE and not of standard depth of 6m.</p>		<p>The depth of pile will depend on the successful contractor's approved design.</p>		
3.	<p><u>Pile cap details:</u></p> <p>Please clarify what is meant by pile cap size shown on Appendix D page 45 i.e. 1/300, 2/300 & 3/300.</p> <p>In addition, please note that pile cap size 1/300 <u>ONLY</u> is shown on drawing 1409/DUQM/113/SE, "Schedule of Pile cap details" table.</p>		<p>Drawing No 1409/DUQM/113/SE is replaced by drawing No 1409/DUQM/113/SE REV A (attached)</p> <p>Page 45 of Appendix D of the RFP is replaced with Page 45(a) (Attached)</p>		



	<p>You are kindly requested to advise where the other pile cap sizes i.e. 2/300 & 3/300 will be used, since nothing is shown on any of the drawings.</p>			
4.	<p><u>Duct bank for LV/HV cable and trench for FOC</u></p> <p>Please clarify whether the duct banks for LV/HV cables, as well as trench for FOC are under Contractor's scope of work.</p>		<p>It is clear in the drawings that these ducts are not included in the scope of this Bid.</p>	
5.	<p><u>Number of loops and their size</u></p> <p>Please advise if the number of loops and their size should be strictly followed, as per drawing and preliminary design in tender documents.</p>		<p>The number of and size of the loops are fixed by the refinery.</p>	
6.	<p><u>Alternative design</u></p> <p>Please advise if an alternative design could be proposed by the contractor, during tendering stage, instead of the solution presented in the design documents.</p>		<p>An second alternative design may be submitted, provided that it meets the performance requirements and the requirements of the Refinery</p>	
7.	<p><u>Engineering deliverables</u></p> <p>Please advise deliverable list expected from Contractor during design stage.</p>		<p>Refer to section 16 on page 86 of the RFP. In addition to the mandatory requirement set out in the RFP, such as Programme, Quality Plan, Design Plan, HSE plan, CVs, Contractor's drawing list, the contractor shall submit the design criteria, basis of design, design calculations, certified drawings, confirmation of understanding of the site conditions, confirmation of the correctness of the topographical and geophysical data, together with any other relevant design matter the Contractor may wish to submit.</p>	

APPENDIX D TO THE FORM OF BID - SCHEDULE OF UNIT RATES

The following pricing information shall be provided in the Bid and enclosed in the Financial Submission. It is required to assist in the bid evaluation and in any negotiations for variations to the Works

	Item	Unit	Qty	Unit Price (RO)
1	<u>PRELIMINARY ITEMS</u>	Lump Sum	1	
2	<u>DETAILED DESIGN & ENGINEERING</u> To perform Engineering including all Calculations, Drawings, Professional Engineer Endorsements, Method Statements, Risk analysis, Procedures for construction etc and everything necessary to complete the Works to fully comply with Project requirements. This also includes, completion/compilation of all Design related calculations, Reports, Drawings and conducting Workshops etc.	Lump Sum	1	
3	<u>CONSTRUCTION / TESTING</u> (Indicated Cost is inclusive of Material (including Ironmongery), Labor, Construction and any related Testing)			
a	Pipe Sleepers	Nos	1	
b	Pile cap Size 1/600	Nos	1	
c	Sleeper beam SB1-600x1500x8000mm	Nos	1	
d	Sleeper beam SB2-600x1500x9700mm (crossing Wadi Saay)	Nos	1	
e	Sleeper beam SB3-600x1500x10500mm (at Horizontal Loops)	Nos	1	
f	Tie beams TB-300x950 (1st tier)	Nos	1	
g	Tie beams TB-300x950 (2nd tier)	Nos	1	
h	RC Thrust Block & embankment	Nos	1	
5	<u>FENCES/GATES & CCTVs': (INCLUSIVE OF MATERIALS, LABOR, SPECIAL EQUIPMENTS AND INSTALLATION COST)</u>			
a	Fence Type 1- As per ROP Specification located in Security Systems Specification	m	1	
b	Fence Type 2 As per ROP Specification located in Security Systems Specification	m	1	
c	Gate and Locks-as per the specification	Nos/Item	1	
d	CCTVs': These shall conform to Employer's provided specifications and the exact number shall be decided by Layout Plan and Security philosophy which shall be approved by the Employer.	Nos/Item	1	
6	<u>PIPE BRIDGES - (Includes Materials, Construction, supports Labour and Testing)</u> <u>Bridge over wadi Saay</u> <u>Bridge over tributary wadi</u>	Lot		
		Lot		

