

Circular No. (14)

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
New extended submission date: 24/11/2015

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:

- All Bidders are to endorse this Circular and attach it as part of their tender submission.
- Last Date for the Receipt of further Queries/Clarifications shall be 03rd Nov 2015.
- Submission (Closing) Date of tender is: Tue/24th Nov 2015; 1200pm Muscat Time.

Kind regards


SEZAD, Tenders & Contracts.





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SN	Query	Answer
1.	With reference to the Clause 5.0 of Volume 2 (page 82), Horizontal Expansion force due to Solar gain is mentioned 'approximately 18T'. Bidder understands that this Maximum 18T load shall be applied ONLY on Anchor Bay Sleepers & the statement doesn't implicit that all Sleepers should be designed to withstand 18T of Horizontal Load. COMPANY requested to Confirm above or advice otherwise.	Please refer response to Query no. 1 of Circular No. 9. Bidders are advised to go through all the circulars before sending the query's.
2.	Bidder would like to understand if 20f Rod to be provided, above the 16 thick CS Plate, as per Clause 5.2.2 Duqm Refinery Specification. From Bidder's past experience, it is established that the difference between the Line Friction & Point Friction is negligible to avoid; besides 20mm Gap usually leads to corrosion later because of inaccessibility & and also Pipe shell needs to be checked for Hertzian Contact stress for Pipe	The bidders' attention is drawn to the "Please Note" on page 75 of Volume 1. The EPC contractor is not required to provide the 20mm bar, the design of this feature will be in the scope of the Refinery's Piping contractor.



	shell bearing. COMPANY requested to Confirm above or advice otherwise.	
3.	Bidder would like to know if there is any Pipe Bridge required for Pipe's Vertical Looping, as shown in Site Plan Drawing – Location of Test Point (Drawing No SB/E2534/GI-SP/0001 – Originator Swiss boring). If Yes, then please provide the dimensions of the said Pipe Bridges.	Bidders to note that the referred drawing is from Volume 5 Information to tenderers which does not form part of the contract. Volume 3 drawings are the latest drawings and takes precedence
4.	Reference to drawing 1409/DUQM/191/SE, COMPANY is requested to Establish EL $\pm 0.000\text{m}$ with Respect to MSL (Mean Sea level)	All level information is to MSL datum
5.	Please advise the voltage level for the power source to be provided to the Bidder to connect to RAECO substation.	The EPC Contractor to carry out the detail design, including specifying the voltage required that will be provided by RAECO on application.
6.	Company has advised that Bidder shall be responsible for dewatering of service pits and excavations. Please advise location for disposal of this water.	EPC Contractor to propose the location and to be approved by SEZAD and permitted by the EIA.
7.	Bidder would like to know whether there is a restriction to Home office location. Bidder's home office is located in Dubai and bidder would like to utilize it during execution.	the Contractor shall have all construction resources at site to successfully execute the works, detailed design may be carried out off site provided that adequate coordination is provided at site and approved by the Engineer.



<p>8.</p>	<p>Reference is made to the nature of the Concrete to be used in the substructure. The following was noticed among the tender document:</p> <p>Clauses 1.7.4 and 1.9.4.2 of the specifications state that plasticizers and waterproofing additives should be used in below ground concrete mixes, whereas point 2.12 of the General notes drawing (1409-DUQM-101-SE) provides that sulphate resistant Portland cement shall NOT be used for any concrete work. Kindly clarify.</p>	<p>The contractor shall design the concrete mix to meet the strength and durability requirements of the Specification, which shall be subject to the approval of the Engineer. Sulphate resistant cement is not permitted due to the risk of high chloride ground conditions</p>
<p>9.</p>	<p>Reference is made to SCHEDULE 9 - Training of Omanis and other staff, kindly clarify the following:</p> <p>1) The project manager can take the role of the "Training Manager / Officer" and the need for a dedicated person to carry out this role is not mandatory. Kindly confirm.</p> <p>Kindly advice the number of discipline engineers and minimum durations of</p>	<p>1.Any of the contractor's staff can be considered to act as the training manager subject to meeting the requirements of clause 1 of Schedule 9.</p> <p>SEZAD shall nominate 1 person for each of the five disciplines listed. The Contractor shall use his experience to offer training to meet the requirements of Schedule 9, which shall be subject to SEZAD's approval.</p>



	<p>engagement in the project for the five disciplines listed under this schedule.</p>	
<p>10.</p>	<p>Reference is made to SCHEDULE 8 – CONTRACTOR'S KEY PERSONNEL and to PART 6 -TECHNICAL INFORMATION REQUIREMENTS, Project Key Personnel on Page 70.</p> <p>There appears to be minor differences between the two lists, kindly clarify which list prevails.</p>	<p>Please delete all the positions from the page 70 of Volume 1 and replace with following which shall be key personnel of the project.</p> <ul style="list-style-type: none"> ● Project or Construction Manager ● Construction Manager ● Engineering Manager ● Contracts Manager ● Senior Planning Engineer ● Liaison Engineer ● HSE Manager <p>and</p> <p>Delete the complete line S/N 1 of the table on page 98 of Schedule 8 and modify the Position on line S/N 2 to be Project Manager or Construction Manager.</p>



2