

Circular No. (6)

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


SEZAD, Tenders & Contracts.



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 the Duqm Refinery Service Corridor to the Liquid Jetty**

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SN	Query	Answer
1	During the site visit meeting on 16th September 2015, buried services were observed within the Service Corridor. Please confirm the location, number, type, extent and who is responsibly to divert any services which are located within the Service Corridor site limits.	We are unaware of any underground services in the area designated for the service corridor. In any event the contractor will be required to locate any underground services that may exist.
2	During the site visit meeting on 16th September 2015, the Clients representative mentioned that the works to Wadi Saay (which will be undertaken by a different Contractor), would be constructed before the Service Corridor works commence. Please: a) confirm that the works to the Wadi Saay (by others) in the area of the Service Corridor will be completed prior to the commencement of the Service Corridor Project works. b) provide a copy of the design of the works to the Wadi Saay (by others) within the limits of	a) As part of the overall construction and interfacing, the Wadi works (in the area of Service Corridor) is phased to complete first. b) these drawings will be provided to the successful bidder



	the Service Corridor so that the designs can be coordinated.	
3	Please confirm that the pipeline installation (by others) will commence after the Services Corridor project is completed.	Confirmed
4	Please clarify the location and extent of the area available for site establishment, offices, labour camp, etc. Furthermore please advise if there will be any cost / rent payable for the use of the land. If rent is to be levied, please advise the rate per unit area.	Location and extent can be proposed by Contractor and to be approved by SEZAD's One-Stop-Shop (Public Services Dept). <u>There are</u> expected costs for the rent/lease of the land and SEZAD shall advise soonest (separately) as available.
5	Regarding the extent of the earthworks cut, please advise if the design intent is to remove the surplus earth across the whole of the 37200mm Service Corridor section as shown on drawings 1409/DUQM/163/SE rev A and 1409/DUQM/162/SE rev 0, or only across the width of the 8000mm pipe sleeper section as indicated by the Cut Earth volume shown on drawing 1409/DUQM/191/SE rev 0.	The 37.2m wide fence to fence corridor is to be graded as per the drawings, or the contractor's approved detailed design with the edges cut outside the corridor width at a stable slope, but not less than 30 degrees, with appropriate surface water drainage. This will be a requirement of the detailed design. The volume given in the drawing is not relevant to the total corridor width. Bear in mind the drawings only represent a concept.



6	Regarding the Lights shown as part of the fence detail on drawing 1409/DUQM/103/SE rev 0. Please advise what is the design intent regarding the power supply, locations of the duct banks for each side & pulling chambers.	The successful contractor shall carry out a detailed design and install a power supply for the lighting together with all the required ancillary works to comply with Omani standards and the Specification.
7	Please provide details of the design intent for the Patrol Road including its traffic, composition, level, route and drainage arrangements.	The successful contractor shall carry out a detailed design and construction of the unpaved patrol road for light vehicles to follow the line of the corridor on the east side, including surface water drainage.
8	Please provide details of the design intent for the Service Road including its traffic, composition, level, route and drainage arrangements.	Refer to the Specification and drawings. The successful contractor shall carry out a detailed design and construction of the road to comply.
9	Please provide details of the design intent and specification for the Fence.	Refer to the Specification and drawings. . The successful contractor shall carry out a detailed design and construction of the fencing to comply. The previous note that a fence will only be required where the difference between the bottom of the sleeper and ground level is equal to or less than 3.0m, offers no significant saving and therefore the whole length of the corridor shall be fenced on both sides.
10	Regarding the Fence, is the bidder confined to the details shown on drawing 1409/DUQM/103/SE rev 0?	Refer to the Specification. As noted the type of fencing is dictated by the ROP and their approval for the detailed design or any



		deviation from the Specification will be required.
11	Section A-A on drawing 1409/DUQM/151/SE Rev A indicates that the design intent of the scope of this project is to deliver the service road across the Wadi Saay at the existing grade level while the Proposed Wadi Channel Level is lower by a few meters as indicated at (0.00) after the work performed by others is completed. Please confirm that the contractor shall perform soil stabilization and deliver the service road across the Wadi at the indicated level in the Section A-A. and not the future Wadi Level.	As noted in the RFP the Irish crossing through the wadis will be constructed by others.
12	Please clarify the relevance of the structural steel bridge shown on drawing 1409/DUQM/152/SE to the scope of this project as the design and the layout does not match any of the plans of the pipe corridor.	The query is unclear. The successful contractor is required to design the pipe bridges based on the concept provided in the drawings.
13	The reply to query number 10 of Circular No. (5) contradicts with the reply to query number 12 of Circular No. (3). Please confirm which answer is correct.	There is no contradiction, Circular 3 relates to Duqm Refinery's works, control and data cabling, whilst Circular 5 relates to the cabling for the lighting and security camera equipment, which is included in this bid scope, subject to the successful contractor's detailed design and not a part of Duqm Refinery's works.