

الدقم Duqm

هيئة المنطقة الاقتصادية الخاصة  
Special Economic Zone Authority

Sultanate of Oman سلطنة عُمان



Ref.: DA/2-4/2015/T22/15-3

Date: October 07, 2015

**Circular No. (3)**

**Reference: SEZAD Tender No. (22-2015) "Construction of Jurf and Saay Flood Protection Dams in Duqm"**

Date of Collection of Tender Documents: 02/09/2015 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

  
Fow SEZAD, Tenders & Contracts.





## Tender No. 22/2015 Construction of Jurf and Saay Dams in Duqm Answers to queries received from bidders

1. Please provide electronic copies of the Bills of Quantities for both dams in Excel format.

**Reply:** We enclose herewith copies of Bills in Excel format.

2. Items 10.16 2<sup>nd</sup> paragraph indicates that bending schedules will be provided to the successful Contractor. However, bidders require an estimate of the rebar quantity to be provided in order to price accurately. Please provide such an estimate.

**Reply:** Bidders to allow for 100 kg/m<sup>3</sup> of concrete in their rates

3. On drawings Jurf CWK 16 to 18 anchor bars are referred to as 300mm

**Reply:** This is a misprint. The anchors are to be placed at 3m centres, 3m embedded into the foundation and 30mm diameter not 300mm. The bars must be provided with a standard hook into the reinforced concrete slab as indicated.

4. The geotechnical drawings do not provide sufficient information regarding the water table for both dams. Please provide further information. In addition geotechnical information regarding the rock and soil characteristics is required

**Reply:** The geotechnical reports were provided with the notes of the site inspection. Bidders must make their own assessment of the variation of the water table through seasons and after rainfall events.

5. Please provide details of the electrical line to be relocated as referred to in the Preamble of the BoQ paragraph 7.1.8

**Reply:** The relocation of services will be measured under Provisional Sums Item 8.03 for Jurf dam and 8.02 for Saay dam.

6. Please provide details of the telephone lines and other services to be relocated above dam crest level

**Reply:** The relocation of services will be measured under Provisional Sums Item 8.03 for Jurf dam and 8.02 for Saay dam. Please note that these services are unknown at this stage, consequently it will be measured and paid for under Provisional Sums

7. Item 1.7 of the Technical Specifications calls for the submission of the construction programme 28 days after the letter of acceptance while Item 1.9 requires submission





28 days after the Letter of Acceptance. Please confirm it is 28 days after Award of Contract

**Reply:** The programme should be submitted 28 days after award of contract.

8. The Completion period for Jurf dam is given as 36 months while for Saay it is 32 months. However, the total contract period as given in the Prime Document is 36 months. Please confirm that Saay dam must be completed in 32 months

**Reply:** Yes, there will be sectional completion with Saay dam completed in 32 months and Jurf dam in 36 months if the contract for both dams is awarded. Saay Dam preliminary items will only be measured for the 32 month period.

9. Does the Bottom outlets of the dams have control gates, if so please provide details.

**Reply:** No the bottom outlets are uncontrolled.

10. There are items for an Access road at Saay dam but no drawings. Please clarify.

**Reply:** There is no permanent access road required at Saay dam consequently these items can be deleted. The revised Bill 6 Miscellaneous is attached to these queries and the electronic copy of the Bill of Quantities contain this revision

11. The material surrounding the impervious core of Saay dam is called Selected Alluvium Fill, while the specifications and BoQ refers to Granular fill. Please confirm that Selected Alluvium Fill and Granular fill refer to the same material.

**Reply:** Yes the Alluvium fill referred to on the Saay drawings must comply in all respects to the Granular Fill requirements of the Technical Specifications.

12. The technical specifications require epoxy coated bars to conform to ASTM A775 but epoxy coated bars are not indicated anywhere. Please confirm that epoxy coating will not be required for the rebar

**Reply:** We confirm that the reinforcing steel to concrete will be uncoated. If especially aggressive conditions are required at any location epoxy coating may be required and if used the coating must comply with the specified standards.

13. Please provide technical details of the grout to be used to anchor the weir structure

**Reply:** Proprietary non shrink cementitious grout is required and the Contractor must submit data sheets for approval for this grout before it can be used in the Permanent Works.





14. The specification provide for a test to determine whether material will be measured and paid for as rock excavations and states that rock material shall be removed by blasting. Please advise whether other means such as mechanical rock breakers would be allowed to excavate material classified as rock

**Reply:** *This part of the specifications is intended to illustrate how the Engineer will determine when material is sufficiently strong to be measured and paid as rock. We confirm that the Contractor may use means other than blasting to excavate rock.*

15. Part of Jurf dam axis fall within the Oryx reserve. Please provide the final fence line coordinates.

**Reply:** *The information provided is sufficient and the item for reinstatement of the fence line is re-measurable. The final fence line position will be determined after liaison with the relevant authorities close to the time of completion of the contract*

16. Part of Jurf dam axis fall within the Oryx reserve. Please advise on special requirements for working in the reserve.

**Reply:** *The specifications provide full details of working requirements within the reserve. All the laws of the land remain in force. Monitoring and control of the requirements will be enforced.*

17. The emergency spillway is indicated as uncontrolled. Please confirm that no control gates are required

**Reply:** *Yes the spillway is uncontrolled.*

18. The invitation to tender provides for a delivery address for the bids at 1<sup>st</sup> Floor Al Mashriq Building, No 113 Street 70 etc, while Clause H of the Instruction to Bidders provides the address as PO Box 25 Postal Code 103 Bareeq al Shatti. Please confirm that the one is for physical delivery while the other is for postal delivery.

**Reply:** *SEZAD confirmed physical delivery of Bid Proposals to 1<sup>st</sup> Floor Al Mashriq Building.*

19. Although the Bid Documents require the Bid Bond to be in Omani currency it was mentioned during the Site Inspection that a Bank Guarantee in US Dollar denomination would be acceptable in the case of International Bidders. Please confirm that equivalent value Bid Bonds from non Omani banks would be acceptable for International Bidders



**Reply:** SEZAD confirmed yes, acceptable to issue Bid Bond in USD currency equivalent to OMR and be issued from bank of domicile country of International Bidders.

20. We did not receive drawings Saay CWK 63 and 64 in our set and these drawings are referred to in the document. Can you please provide these drawings

**Reply:** Copies of these drawings are provided on cd with these answers

21. The Culvert Spillway is referred to as Bottom outlet on the drawing. Please confirm that the bottom outlet and culvert outlet refers to the same element

**Reply:** Yes the bottom outlet and the culvert outlet refer to the same element, similarly Spillway and Auxiliary Spillway refer to the same element at each dam.

22. Please advise on the location of the borrow pits for granular fill

**Reply:** The granular material will be sourced from processing of excavated material and other approved locations. The Contractor should make his own assessment of the processing requirements based on the Granulometry provided. It is anticipated that all the granular fill material can be sourced from the excavations and borrow areas within the reservoirs of each dam.

23. The gabion protection to the tailrace channel seems to be omitted from the BoQ. Please clarify

**Reply:** An item for the gabion protection has been inserted to the Excel Version of Revision 1 to the BoQ submitted with these answers to queries. A paper copy of the revised BoQ is also included.

24. The drawings refer to loose riprap while the BoQ items only refer to riprap. Please confirm the riprap is loose.

**Reply:** We confirm that the riprap to be provided is loose as indicated on the drawings

25. Drawing Saay –CWK- 003A indicates the spillway between 431.33 and 900 while elsewhere it is indicated as between 196.33 and 431.33. Please confirm the second chainages are correct

**Reply:** We confirm Saay spillway is located between 196.33 and 431.33.

26. Item 5.09 of the Saay BoQ refers to internal concrete and external concrete. Please define these items better.



**Reply:** External concrete refers to the outer 800mm of the structure while internal concrete refers to the remaining internal concrete. External surfaces refer to the upstream and downstream surfaces the entire perimeter of each block.

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