

Ref No: DA/2-4/2014/463

Date: 17/03/2014

Circular No. (3)

**Ref. SEZAD Tender No. 3/2014 "CONSTRUCTION OF SPECIAL ECONOMIC ZONE
AUTHORITY AT DUQUM HEADQUARTER BUILDING"**

Collection date: 02/02/2014

Original Submission date: 05/03/2014

Next extended submission date: 26/03/2014

Subject: Tender Query Answer

Thank you for your participating in the tender.

This circular is issued to the Tenderers as a part of Contract Documents for the construction, completion and maintenance of the project "SPECIAL ECONOMIC ZONE AUTHORITY AT DUQUM HEADQUARTER BUILDING". As stipulated on the instructions to Tenderers, this circular becomes an integral part of this tender and contract documents.

This circular includes the following attachments (in the CD):

1. Tender Query Answer Sheet (5 Pages) ;
2. Perspective view;
3. MEP revised drawings and drawing list (for names and numbers of revised drawings please refer tender query sheet);
4. Structural revised drawings and drawing list (for names and numbers of revised drawings please refer tender query sheet);
5. Volume 5 of 5 (Geotechnical Report) ;
6. Revised pages 15-A and 712-A of Volume 1 of 5 (Prime Document) ;



7. Volume No 2 of 5 – Bill of Quantities: Please extract the following pages and replace with the attached revised pages as below:

| Extract (page No.) | Replace (page No.) |
|--------------------|--------------------|
| MB – 2/1 | MB – 2/1 R1 |
| MB – 2/6 | MB – 2/6 R1 |
| MB – 2/9 | MB – 2/9 R1 |
| MB – 2/12 | MB – 2/12 R1 |
| MB – 2/13 | MB – 2/13 R1 |
| MB – 2/15 | MB – 2/15 R1 |
| MB – 2/17 | MB – 2/17 R1 |
| MB – 2/18 | MB – 2/18 R1 |
| MB – 2/32 | MB – 2/32 R1 |
| MB – 2/35 | MB – 2/35 R1 |
| MB – 2/39 | MB – 2/39 R1 |
| MB – 2/42 | MB – 2/42 R1 |
| MB – 2/45 | MB – 2/45 R1 |
| MB – 2/51 | MB – 2/51 R1 |
| MB – 2/52 | MB – 2/52 R1 |
| MB – 2/53 | MB – 2/53 R1 |
| MB – 2/58 | MB – 2/58 R1 |
| MB – 2/66 | MB – 2/66 R1 |
| MB – 2/72 | MB – 2/72 R1 |
| MB – 2/73 | MB – 2/73 R1 |
| MB – 2/74 | MB – 2/74 R1 |
| MB – 2/85 | MB – 2/85 R1 |
| MB – 2/86 | MB – 2/86 R1 |
| MB – 2/87 | MB – 2/87 R1 |
| MB – 2/99 | MB – 2/99 R1 |
| MB – 2/105 | MB – 2/105 R1 |
| MB – 2/106 | MB – 2/106 R1 |
| MB – 2/107 | MB – 2/107 R1 |
| MB – 2/143 | MB – 2/143 R1 |
| GS – 8/1 | GS – 8/1 R1 |

NOTE:

- 1- All bidders should endorse this circular and attach it as a part of their tender proposal.

Yours Sincerely,



SEZAD Tender Committee



| No | Specification / BOQ/Drawing Reference | Query | Answer |
|----|---|--|---|
| 1 | Volume 2 of 5 : Civil and Structural Specifications - page Vol 2/21 | As mentioned in the tender documents Volume 2 of 5 page 2/21-0147, we have not received Soil Investigation report (volume -5). We request you to issue us a copy of the soil investigation report with static water level for pricing the tender. | Soil report attached. |
| 2 | Volume 3 of 5: BoQ page MB-2/29 | As per bill of quantities for superstructure item D of MB-29 for steel structure frame length is given 33 meters. But as per drawings ST-MD-10 the length is coming to $15.425 \times 4 = 61.70$ meters. Please issue revised BOQ pages | The correct quantity is 61.7 m, revised BOQ page is attached |
| 3 | Volume 3 of 5: BoQ page MB-2/43 | In ground floor framing plan (ST - G -01) steel structure aluminum cladding fascia is shown. But in (ST-MD-10) stone cladding is shown. We understand stone claddings correct. Please instruct as the cladding area is around 456 Sq. M | The cladding shall be made in semi-dressed stone. The quantity of item B on page MB-2/43 shall be modified to 1920 m2, revised BOQ page is attached |
| 4 | - | Please issue purchase cost to be considered for Omani Marble and Omani Lime stone for cladding. | The Contractor has to price the items based on the provided description. |
| 5 | - | We shall be much obliged if you can issue a perspective view of the H.Q. Building for us to understand and price the external finishing works. | perspective view of the building attached |



| No | Specification / BOQ/Drawing Reference | Query | Answer |
|----|---|---|--|
| 6 | Volume 1: Prime Document - Appendix to the Form of Tender, "9. Quantities: 55 Estimated Quantities, 56 Actual & Correct Quantities" | We understand, based upon the information provided in Clause 55 and 56 of General Conditions of the Contract, the Contract of the subject project is a Re-measurement Contract or Unit Price Contract, the quantities provided in the BOQ is merely for pricing purpose, and the final Contract Price is subject adjustment due to variation of measured quantities of the Works actually carried out by the Contractor. Please confirm. | Clause 55 Estimated Quantities shall be applicable on the following: Bill No.2 main building -only sub-structure quantities/ Bill No. 3 External works/Bill No. 4 External Services/ bill No. 5 Road works. Clause 56 Actual and correct quantities shall be applicable on bill No. 2 Main building excluding the sb-structure quantities. |
| 7 | Volume 1: Prime Document - Scope of Works, Sustainable Design Requirements- Leed for Core and Shell Development. | The Contractor is only responsible for procuring materials and executing the Works expressly specified in Tender Documents in accordance with LEED requirements, and is not responsible for achieving LEED Certification for the project. And the issue of Taking-over Certificate and Performance Certificate (after period of maintenance) is by no means affected by the status of achieving LEED Certification. Please confirm. | It's not the responsibility of the Contractor to achieve the LEED certification, nevertheless the Contractor is obliged to provide all support to the Engineer/Client /LEED consultant to achieve the LEED certification and comply with all Engineer/Client /LEED consultant requirements in order to achieve LEED certification. |
| 8 | General Conditions of Contract, Clause 76- Acquisitions of Land for Quarries, Borrow Pits and for Use by the Contractor | Is appropriate land available for borrow pits adjacent to the Site within Special Economic Zone at Duqm? Any fees is to be charged to the Contractor for its using such lands? Please specify. | This is a building project no requirement for borrow pits. However any required materials for project works are to be from approved suppliers. |



| No | Specification / BOQ/Drawing Reference | Query | Answer |
|----|---|--|--|
| 9 | Volume 1: Prime Document - Instructions to tenderers, Clause 42, "The Technical Proposals will be scored as follows"...E. Sub-Consultants Technical Experience" | Please define the "Sub-Consultant". | The clause is modified to be read as "Sub-Contractor" , revised page No. 15 of the prime document is attached. |
| 10 | Volume 1: Prime Document - Appendix to the Form of Tender, "6. Time for Completion, Clause 43, 14 Months (not including mobilization period) " | Please explain the arrangement of mobilization period by the Employer, and how long will it be scheduled. | The Contractor has to finish mobilization arrangements within a period of 21 days. This period is not included in the 14 month time specified for completion of this contract. |
| 11 | Land provision for the Contractor's office and accommodation | Please clarify whether an appropriate land will be available for the Contractor's establishment of site office, accommodation and storage facilities within site area or not, if yes, any fees to be applied on the Contractor for using such lands? Please clarify. | Yes the land is available. The applicable fees is by the municipal for (Temporary permits) and Insurance Deposit. |
| 12 | Electricity and Water supply | Please clarify whether the electricity connection point and water connection point will be available for construction purpose during construction period or not. | The Contractor have to arrange from RAECO & PAEW for all construction period connections, amounts for the same shall be included in preliminaries. |
| 13 | Volume 1: Prime Document - Appendix to the Form of Tender, "9. Quantities: 55 Estimated Quantities, 56 Actual & Correct Quantities" | Refer to volume 1 : prime document appendix to form of tender, wherein both clauses, " clause 55: Estimated Quantities" are mentioned. Please clarify which of these clauses is applicable for the tender. | Please refer to the answer of query No.6 |

| No | Specification / BOQ/Drawing Reference | Query | Answer |
|------|---|--|---|
| 14.a | Tender Drawings | Please note the below mentioned discrepancies in tender drawings for your review and correction: structural - drawings listed but not issued ST-R-02, ST-MD-07, drawings issued but not listed ST-CL-05, ST-FR-02, ST-FV-02, discrepancies in drawing Nos. and title: ST-MD-06, ST-MD-07, ST-UR-02 | Revised Drawing list and Update drawings are attached |
| 14.b | Tender Drawings | Please note the below mentioned discrepancies in tender drawings for your review and correction: structural - drawings listed but not issued EL-09A, EL-09B, EL-10, EP-15, EP-16, EP-17, EP-20, EP-21, EP-22, FA-05A, FA-05B, drawings issued but not listed EL-16, EL-17, EL-18, LP-0, discrepancies in drawing Nos. and title: EL-0, EL-01, EL-5A, EL-5B, EL-6A, EL-6B, EP-9A, EP-9B, EP-10, EP-11, EP-12, EP-13, EP-14, LP-01, LP-02, LP-03. TS-01, TS-02, TS-03, TS-04, TS-05, TS-06, TS-07, TS-08, TS-09, are numbered as SE-01, SE-02, SE-03, SE-04, SE-05, SE-06, SE-07, SE-08, SE-09 | Revised drawing list & updated Drawing numbers -Drawing List, EL-09A, EL-09B, EL-10, EP-12, EP-13, EP-14, EP-15, EP-16, EP-17, EP-20, EP-21, EP-22, FA-05A, FA-05B are attached. |
| 15 | Electricity supply | kindly confirm if electrical supply for site works can be taken from nerby substation as informed during site visit | Please refer to the answer of query No.12 |
| 16 | Water supply | Kindly confirm if water supply for site works can be taken from water supply point available near site as informed during site visit | Please refer to the answer of query No.12 |
| 17 | Volume 2 of 5 : Civil and Structural Specifications - page Vol 2/21 | It is mentioned in vlume 2 of 5 item no. 2/2/0146 that soil investigation report is attached in volume 5. Howeveer volume 5 is not issued, hence we request to issue the same. | Please refer to the answer of query No.1 |
| 18 | labor camp | kindly inform if labor camp ca be set up on the plot adjacent to the site as informed during the site visit | Please refer to the answer of query No.11 |
| 19 | Volume 3 of 5 BOQ | We have noticed that the following BOQ items indicate no/zero quantities 2/54/A, 2/55/B, 2/56/F, 2/58/O, 2/58/P, 2/61/G, 2/69/E, 2/69/F, 2/69/G, 2/71/C, 2/111/P, 4/1/A, 4/2/D, 4/2/G, 4/5/E, please confirm this correct. | The zero quantities as mentioned in BOQ is correct. Except BOQ item ;2/58/O. Revised BOQ page is attached 2/58R |

| No | Specification / BOQ/Drawing Reference | Query | Answer |
|----|--|--|---|
| 20 | | Please provide the on-coil and off-coil conditions for fresh air handling units, Ref FAHU-TF-1 and FAHU-TF-2 | On Coil 48 Deg. C DB 30 Deg. C WB Off Coil 16 Deg. C DB, 15.8 Deg. C WB |
| 21 | Volume 3 of 5 specification | In specification page Vol. 3-02/52, clause 32.1 chilled water pipe to be ERW type whereas clause 32.2 states seamless, please clarify which one to follow. | All pipes has to be seamless. |
| 22 | Volume 3 of 5 specification | In specifications page No Vol. -3-02/52, clause 33.5 states that chilled water pipe insulation as polyurethane insulation, whereas in BOQ it is mentioned pre-insulated pipe, please clarify which one to follow. | Chilled water pipes are pre-insulated (pressure injected) with polyurethane insulation. |
| 23 | | We presume motorized fresh air dampers are same as motorized fire dampers. Please confirm | OK. Motorized fire damper has to be integrated with fire panel for its operation, however motorized fresh air damper will operate as per CO2 sensor. |
| 24 | Volume 3 of 5 specifications page no Vol-3-02/27 | In specifications page no Vol-3-02/27, clause 18.6 & 18.7 state fire damper casing galvanized mild steel and blades as stainless steel, whereas in BOQ it is mentioned, galvanized steel casing and blades, please confirm which one to follow | Proceed as per BOQ |
| 25 | | If the chilled water pipes are pre-insulated type, then please provide the fittings quantities | Fitting quantity & cost has to be considered in the cost of piping. Refer HVAC installation General Notes which specifies that any kind of hanger, support accessories required for proper functioning of the system has to be part of material itself. |
| 26 | | The cooling tower capacity mentioned in schedule is very less, which suppliers regret to quote. Please advice. | Proposed capacity is widely used & available with various suppliers. However you can quote next higher model as per your convenience. |
| 27 | | As per the BOQ the sewage treatment plant is MBBR system, but specification says MBR system. Please confirm which is to be followed. | Sewage treatment plant is MBR system |

| No | Specification / BOQ/Drawing Reference | Query | Answer |
|----|--|--|-------------------------------------|
| 28 | | Seawage treatment plant-the specification says need to consider flat sheet membranes, can we also quote with hollow fiber membranes. Kindly clarify. | Flat sheet membranes are preferable |

