

Circular No. (2)

**Reference: SEZAD Tender No. 16/2014 "Data Centre Consultancy Services for
SEZAD Duqm and Muscat Offices"**

Collection date: 31/08/2014

Original Submission date: 30/09/2014

New extended submission date: 30/10/2014

Subject: Respond to the Bidders Queries (Cumulative):

See the attached Pages 1 – 6, Queries responses from 1 to 45

NOTE:

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

Yours Sincerely,




For/

SEZAD Tenders & Contracts



SEZAD
Data Centre Consultant
Quarries on “Request for Proposal”
September 2014

Q. No.	RFP Content Reference	Relevant RFP Content	Quarry	Response
1.	Page No. 5, Part 1, 2 nd paragraph	With this RFP, SEZAD is searching for a prospective Service Provider with the required degree of experience, references in the MENA region, resourcefulness and capability to supply, install, configure, test, and validate maintenance and upgrades of the proposed solution.	It is understood that with this RFP, SEZAD wishes to select a Consultant with the required degree of experience, references in the MENA region, resourcefulness and capability to plan, design, develop a RFP for selection of Contractor/Vendor, top supervise the implementation, audit and certify the Data Center/s.	YES it is planning , designing and supervision
2.	Page No. 6, Part 4, S. No. 20	20. The Data Centre design PUE should below 2 and also they should show CFD analysis for to understand cooling efficiency.	CFD Analysis requires precise equipment specifications, therefore, it is not prudent to ask a 'vendor neutral consultant' to go for CFD analysis. This can be asked from the contractor/vendor who will run the analysis based on the specifications of his proposed / supplied equipment. This requirement can be included in the RFP for selection of contractor/vendor for the Data Center/s.	it should be done by consultant
3.	Page No. 7, Concept Design, S. No. 5	5. Description of the Data Centre programming as it relates to area requirements and functions.	Please elaborate.	also known as architectural programming
4.	Page No. 8, Schematic Design, S. No. 16	16. CFD analysis for Data Centre.	Same as Q. No. 2 above.	it should be done by consultant
5.	Page No. 11, Handover Commissioning, S. No. 1	1. Supplier to show the system acceptance test (SAT) to customer as per design document.	SATs are carried out by the contractor / vendor, in presence of representatives from consultant and owner. This is understood to be a deliverable on the part of contractor / vendor. This requirement has to be included in the RFP for selection of contractor / vendor for the Data Center/s.	YES it is part of the contactor RFP Consultant vendor has to be part of it

6.	Page No. 12, S. No. 7.d.iii,	HVAC is working correctly with free cooling/economizer circuits as fitted.	 <p>Suitability of 'Free cooling' in Muscat needs to be investigated on the basis of 'benefit cost analyses'. At first view, it appears inappropriate.</p>	Its working
7.	Page 15 & 16, Part 7, Commercial Offers	-----	'Top Supervision' by consultant, of 'Implementation works' executed by the contractor / vendor appears missing. Or will it be done by some other agency?	By consultant
8			There is no program for the post award services, i.e. start date, end date or view on duration:	<p>For Duqm DC this is depending on contactor and constration progress we can't fix any date and we mentioed that clearly in the RFP.</p> <p>For Muscat DC you will be invloved from the early designing stages as bulding consultant has not been assign yet and we mentioed that clearly in the RFP</p>
9			Muscat DC size is not specified, what is size of the DC? Duqm DC is stated as 450m2	For Muscat DC as bulding consultant has not been assign yet the right are still not defined It should be around the same area of Duqm DC.
10			What you would like to deliver as part of the scope ?	As beer RFP scope
11			Proposal allows for Options, should we be offering an Vendor centric solution as an option?	No option for vendor (page 14 ,part 9 ,No 4)
12			Operational management of the Data Centre/s. There is a requirement to provide an audit of existing Operational Management Policies (OMP's) and carry out gap analysis and formulate DC operational policy, process and procedures for the site/s. This in our opinion should be offered via Professional Services and should be a separate commercial offer within the body of our RFP response, please comment	No ,its should be done by consultant.

13	Page No. 6, Part 5,		The scope of works mentions RFP preparation / tender evaluation as well as site supervision and QA/QC. However, in the commercial offers template and the proposed payment terms, tender documents not mentioned. Please clarify if these should form part of the bid.	Yes its part of the bid The consultante should make implementation RFP and evaluation
14			We understand that what is referred to as "Schematic Design" in the RFP document corresponds to both Schematic and Detailed Design in the FIDIC standards. Please confirm.	We did not come over the FIDC Standards on this RFP
15	Page 32,Part 12 Annexure B		please confirm there is no form number 6. Total forms received : 7 nos.	Yes typing mistake The total no is 8
16			We understand the SEZAD intent to start the project as soon as possible. However, does SEZAD have imperatives with regards to Planned Completion dates for Duqm and Muscat Data Centers individually? Should the design / construction of both data centers occur simultaneously or is there an order of execution that is set?	No we do not have fix dates I think the Duqm will start first in some stages on other hand Muscat DC might have some stage which required to work simultaneously
17			Are there non-technical spaces to be designed with the Data Centre (Example: Office spaces, common areas, reception, etc.)? If yes, what is the allocated GFA / plot size? Is there a preliminary space program?	Yes there is location and size will be specified later
18			What is the planned FTE value for each Data Center (full time employees) ?	We can't specify on this stage
19			Do we need to allow for External works, landscaping, infrastructure works, demolition of existing premises,	As consultante all this things are not exist
20			Is there an architectural brief available? If yes, what is the level of architecture required for each project?	No architecture available
21			are both projects greenfield projects	both projects are greenfield projects
22			What is the required size of the Muscat DC?	It should be around Duqm DC 450 sqm

23			Lower PUE – does not necessarily “improve operational quality”, typically adds extra components which adds capital cost but if operated correctly can reduce Opex	The question is not clear ,
24			Standards – What standard body is to be applied? – Note some of those listed do not have certification processes. – Later refers to TIA 942-2012, please confirm this is the “priority” standard	The one with certification
25			Disaster Recovery Plan – What scope is the plan to cover? – Facilities, IT, environmental, power security, network, security (IT, Physical, Data, etc)	Full Disaster Recovery Plan
26	Page 6,Part 3, point 7		talks about Tier III using LEED, these are separate issues one is reliability/resiliency to which Tier III refers, the other (LEED) is referring to Sustainability. What level of LEED is required? – There are many levels which require different input to achieve the credits required.	We expect it to be platinum or maximum possible level based on Oman Regulations
27			Neither of the above can be certified before the design is completed at Detail design, therefore responsibility for this is the DD consultant.	Not clear , what DD Consultant
28			There are differences in the requirements between TIA 942 std & Uptime Institute Tier III e.g. gas fire extinguishing required by Tier III, please advise the superseding standard?.	I do not think this will effect consultant work Thing like this can be decided later Your job will be chosing the best out of all the standerds
29			TIA do not have a “Certification process”, this would by necessity be a certificate from HP.	What is HP Certification?
30	Page 6,Part 3, point 8 & 10		IDCA is not a recognized international certifying body, although it’s web site claims this capacity. TIA is not a certifying body, although a design can be created in line with the standard. Uptime Institute does act as an independent certifying body, please confirm this is the requirement	Yes , you can certified it from uptime
31			Please confirm level of certification required: Design; Installation; operational continuity?	All from A-Z
32	Page 6,Part 3, point 9		What duration is the “DC after build phase”?	Question Not clear

33	Page 6 ,Part 4, point 13		The CD designer can set the performance requirements for PUE, but the DD designer is responsible for achieving the requirement, please confirm.	This article said To provide the design parameters of the Data Centre and designed Power Utilization Effectiveness (PUE). All under consultant scope
34	Page 6 ,Part 4, point 16		Please advise scope of building consultant so that interfaces & coordination can be allowed, otherwise there may be gaps.	Allowed
35	Page 6 ,Part 4, point 17		Power requirement of DC – Please advise approximate IT power demand. This has an impact on the effort required, for a 450m2 facility we would expect a maximum of 1MW of IT power.	No comment
36	Page 6, Part 5, point 5		How many Contractors are being evaluated?	We do not know how many ontractor will participate on the implementation tender
38	Page 6, Part 5, point 6		By "implementation supervision" we understand this is "Technical supervision" to ensure the installation matches the design & uses appropriate quality materials, etc. & is not the day to day supervision of the contractor's work. – please confirm	Not Day to Day
39			"Handover Commissioning" – the process will be documented & provided for the contractor to execute, we will provide attendance for witnessing results.	Yes
40			Performance bond and PII required, we believe that this will be provided after the award of the project and no need for any bonds during the submission	Yes ,after award
41			Based on the RFP there is no size information on the Muscat DC, so please provide us with the detailed information the Muscat DC, otherwise we we will price only the Duqm one now?	For Muscat DC as bulding consultant has not been assign yet the right are still not defined It should be around the same area of Duqm DC.

42			What is the average power density per rack or per sqm and will there be any high density racks?	This is Consultant job
43			We assume that the structured cabling design is within the DC only, any office IT design is not included?	DC and all IT offices should be included
44			Can they elaborate on the business continuity report required? Can they elaborate on the energy management report required?	Question Not clear
45			They are seeking TIA942 certification. There are no bodies that can provide TIA942 certification, however a gap analysis against TIA942 may be conducted but no certification. Will this be acceptable?	Need the one with certification