



قطر الوطنية لصناعة الأسمنت (ش.م.ع.ق.)
QATAR NATIONAL CEMENT COMPANY

رأس مال الشركة 653,528.940 ريال قطري (مدفوع) The capital of company QAR 653,528.940 (Paid)



Ref.: QNCC/T&PC/23/093

Date: 01/05/2023

TO : ALL THE PARTICIPANTS IN THE PUBLIC TENDER

NO. OF PAGES : 01

REF Public Tender No. 04/23 - Design, Civil, Electrical, Mechanical, Marine Work, Engineering, Manufacturing, Supply, Installation, Inspection Testing, Commissioning, Start Up, Performance Test, Reliability Test, Guarantee to (ISO 14001 & OHSAS 18001) Yearly Operation and Maintenance of "2" SWRO Desalinators, Minimum Production of 1000 M3/day for each and total of 2000 M3/day, Turnkey Project at Owner's Site on Umm Bab Seashore.

SUBJECT TENDER BULLETIN NO. 6 – RESPONSES TO QUERIES

With reference to the above mentioned subject and as per the queries received from the participants. Please see attached documents for QNCC responses.

All other tender's terms, conditions and specifications remain unchanged.

Please acknowledge & confirm the receipt of this written notice by signing and returning this page email address: tpc@qatarcement.com.

NAME.....

SIGNATURE & SEAL.....

DATE: / /2023

THANKS & BEST REGARDS,

ENGR. ESSA MOHAMMED ALI KALDARI

**Chief Executive Officer,
Deputy Chairman of Tender & Procurement Committee (T&PC)**

CC: Tech. Asst. to the CEO
Maintenance Manager
Head of Legal Section
File

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Public Tender No. 04/23

Design, Civil Electrical, Mechanical, Marine Work, Engineering, Manufacturing, Supply, Installation, Inspection Testing, Commissioning, Start Up, Performance Test, Reliability Test, Guarantee to (ISO 14001 & OHSAS 18001) Yearly Operation and Maintenance of "2" SWRO Desalimators, Minimum Production of 1000 M3/day for each and total of 2000 M3/day, Turnkey Project at Owner's Site on Umm Bab Seashore.

Srl. #	Reference	Clarifications	QNCC responses
1	Tender Bulletin no. 4 (Item no. 1)	Your requirement was 70m depth for the Dump well and now you are requesting 400 meters well depth, please re-confirm your requirement as it is confusing.	According to the revised tender document & layout drawing (WP-GEN-017), the intake & reject locations are specified (inside sea). So the beach well / dumping beach well are not relevant. Still necessary approvals for the proposed intake / reject wells inside sea will be under the scope of the supplier.
2	Tender bulletin no. 4 (Item no. 4)	Please clarify what do you meaning YES, item no. 20 & 99 contradict each other or clarification 99 will follow.	Please note that we don't required any integration with our existing control system but both R.O. unit should be integrate with each other or provide us local HMI and we will prefer siemens automation.
3	Tender bulletin no.4 (Item no.5)	Please confirm our requirement for location of intake wells and dump well, distance between & depth requirement.	Please refer WP-GEN-017
4	Tender bulletin no. 4 (Item no.11)	Does that means dump well is not required anymore.	Reject well is required and it will be inside sea as per WP-GEN-017.
5	Tender bulletin no. 4 (Item no. 15)	Please confirm there is no requirement to construct new discharge wells as clarified in Query no. 02 Tender bulletin no. 2 and existing discharge wells can be utilized.	We don't have any Intake and Reject wells at present. currently we are taking and rejecting the water directly from sea – Open sea Intake and reject. For the proposed SWRO project Supplier have 2 options - 1) use the current method to take and dispose the water directly from sea OR 2) Construct new wells for Intake and Reject.
6		Tender Bulletin No. 4, Reply to Query No.13 , it is mentioned that Plant location as per Drawing No. WP-GEN-001 whereas Drawing No. GEN-007 provided with Tender Bulletin No.4 shows different plant location. Please clarify.	Confirmed location of the plant will be based on the new layout WP-GEN-017.
7		As per Tender Bulletin No. 4, Reply to Query No.1 & 26, We understand for proposed Plant distance between Intake and Discharge wells shall be 500mtrs inside sea. Please confirm or else advise.	Yes, the Intake & Discharge wells for the proposed SWRO units will be inside sea (500 meters apart) as per the layout WP-GEN-017.
8	QNCC drawing number WP-GEN-017	I am writing to inquire about QNCC drawing number WP-GEN-017, specifically in regards to two points. Firstly, I would like to know if this is the most recent version of the drawing. Secondly, I am seeking clarification on the location of the reject wells and intake wells as there appears to be a discrepancy between the drawing and the tender documents. The drawing indicates that the intake wells are within the sea, while the tender documents suggest that the wells will be located on a beach near the sea. I would greatly appreciate any information or clarification you can provide regarding these points because the location of sea water intake and reject wells will have a significant impact on the price and operation. Thank you in advance for your attention to this matter.	Yes, the drawing WP-GEN-017 is the recent version. The Intake & Discharge wells for the proposed SWRO units will be inside sea (500 meters apart).
9	PTN0.04-23 TB4 SRL #1	Please confirm that QNCC will provide necessary power supply for the RO plants and accessories	Please submit the proposal with or without power supply and at time of contract we'll be finalized. Also submit the SLD with proposed load
10	PTN0.04-23 TB4 SRL #5	As per WP-GEN-017 (PROPOSED UNIT#7 WP LAYOUT) please confirm there are no bore wells and the intake is from the open sea.	Yes, there will be no bore wells and the intake will be from open sea (under suitable depth).
11	PTN0.04-23 TB4 – BOQ	As per Form of Bill of Quantity– Annexure A Item 5 says that there are to be 3 no's intake pumps with pipes and strainers. As per GEN-017 it shows one pipeline from open sea to the plant but at the intake there are 3 circular (strainers)? Please clarify requirements.	Yes, the 3 circles indicate strainers / filters on the intake header. Regarding Intake pumps & associated pipes, quantity corrected / updated on the BOQ & Scope.
12	Tender Bulletin No.2 Query No.103	Please confirm that we should quote for both options - containerized and all enclosed in plant house.	The bidders can quote only for the enclosed plant as per the layout WP-GEN-017.

Srl. #	Reference	Clarifications	QNCC responses
13		<p>*40% recovery with a feed water TDS concentration of 57.420 ppm, which will become 58.650 after the ERD mixing, is not achievable. This could not be achieved even if we were talking about a single pass RO, as the salinity is too high. The best we can probably is something close to 30% for both of the RO passes.</p>	<p>These are the desired values; bidders may propose alternative solution.</p>
14		<p>As for the product water TDS concentration, it is mentioned that a < 250 ppm TDS concentration needs to be achieved, while the product water also needs to have an EC of less than 150 µS/cm. These two can only occur simultaneously, if the EC is below 150 µS/cm, which would subsequently make it impossible for the water hardness and the alkalinity to be 60-100 ppm CaCO₃. This discrepancy needs to be clarified. What this could actually mean is for the RO permeate to have an EC < 150 µS/cm and for the final product flow, after rehardening, to have a TDS concentration < 250 ppm. Nonetheless, this is only an assumption and needs to be clarified before we proceed further with our design."</p>	<p>These are the desired values; bidders may propose alternative solution.</p>