

PMC for 400 MLD SWRO Desalination Plant at Perur, Chennai

348

Consortium Partners

SMEC International Pty. Ltd. (ACN-065440619/FCRN-F01483)

NJS Engineers India Pvt Ltd, India (CIN - U74210PN2007PTC129798)

Tata Consulting Engineers Limited, India (CIN- U74210MH1999PLC123010)

SMEC (India) Pvt. Ltd. (CIN: U93000DL1997PTC088574)



Ref: SSNT PMC 400 MLD / CMWSSB / 5061185/367

Date: 07<sup>th</sup> July 2021

To,  
**The Superintending Engineer (Desalination)**  
Chennai Metropolitan Water Supply and Sewerage Board,  
Urban Administrative Building, 2<sup>nd</sup> Floor,  
No.75, Santhome High Road,  
Raja Annamalaipuram,  
Chennai 600 028, Tamil Nadu, India



**Sub:** JICA Assisted Project for Construction of 400 MLD Seawater Reverse Osmosis Desalination Plant at Perur (JICA Loan ID-P267)  
**Submission of updated responses to JICA's 4<sup>th</sup> comments received on 05.07.2021 for Draft Bidding Document for CP1 component – Reg.**

- Ref:**
1. Meeting at 1<sup>st</sup> Floor Conference Hall, CMWSSB and MS Teams Meeting with PMC team, CMWSSB and JICA officials, dated 05.07.2021
  2. Our Letter no. Ref: SSNT PMC 400 MLD / CMWSSB / 5061185/348, dated 17.05.2021
  3. Meeting at 1<sup>st</sup> Floor Conference Hall, CMWSSB and MS Teams Meeting with PMC team and CMWSSB officials, dated 07.04.2021 and 08.04.2021
  4. Our Letter no. Ref: SSNT PMC 400 MLD / CMWSSB / 5061185/320, dated 30.03.2021
  5. Meeting at 1<sup>st</sup> Floor Conference Hall, CMWSSB and MS Teams Meeting with PMC team, CMWSSB and JICA officials, dated 30.03.2021
  6. Meeting at 1<sup>st</sup> Floor Conference Hall, CMWSSB and MS Teams Meeting with PMC team and CMWSSB officials, dated 04.03.2021, 05.03.2021 and 12.03.2021
  7. Email received from JICA on Draft Bidding Documents, dated 25.02.2021
  8. Your Letter no. Lr.no.CMWSSB/SE(Desal)/400 MLD Plant / PMC/2020, dated 13.01.2020
  9. Our Contract Agreement with CMWSSB, dated 09.01.2020

Dear Sir,

In continuation to the meeting held between CMWSSB, JICA officials and PMC team members on 05.07.2021 vide our letter cited in reference no.1 for the subject project, please find enclosed a copy of **updated responses to JICA's 4<sup>th</sup> comments on Draft Bidding Document for CP1 component** for your perusal.

We request you to kindly forward the same to JICA for obtaining the concurrence on the Bidding Document.

Thanking you and assuring our services at all times.

Yours truly,

For Consortium of SMEC International Pty Ltd -TCE Ltd.-NJS Engineers India Ltd.-SMEC (India) Pvt. Ltd.

**S.Srinivasarao**  
Project Coordinator



Encl: As above

**PMC Chennai Office Address:**

'A' 13th Floor, Purva Primus, No 236, Okhiyampettai,  
Old Mahabalipuram Road, Thuraipakkam, Chennai, Tamil Nadu 600097

**Response to JICA's Comments on Bidding Document (CP-01 Package) dated 05.07.2021**

Design/Engineering, Construction, Commissioning of 400 MLD Seawater Reverse Osmosis (SWRO) Desalination Plant at Perur, Chennai with 20 years of Operation and Maintenance (DBO Basis)

**ID-P267: Project for Construction of Chennai Seawater Desalination Plant (I)**

Sl. No.	JICA query as on 05.07.2021	CMWSSB Clarification
1	Latest bid documents highlighting relevant clause indicating that alternate bids are optional, which includes pertinent stipulations on the employer's requirement.	<p>Please refer Part-1, Section-4, Clause No. 1.4 which states as follows:</p> <p><i>“Alternatives technical solutions, if invited in accordance with ITB 13.4, will be evaluated as follows: Bidders <b>may propose</b> only one alternative process solutions for only pre-treatment and RO system of the seawater desalination plant and submit an alternative technical bid in a separate envelope marked clearly as “ALTERNATIVE TECHNICAL BID” along with the Base Technical Bid as per the Employer’s proposed processes.”</i></p> <p>As per the above statement, it is not mandatory to submit the Alternative Bids by the bidder.</p> <p>The same has been mentioned in the Part-2 (Employer’s Requirements), Chapter-3, Clause 3.4.5 (Page No. 3-22). The relevant pages from the Bidding Document have been attached for your easy reference. (Attachment-1)</p>
2	Latest bid documents highlighting relevant clause indicating that employers' technological requirements for RO system design are for a conventional system, that is unrelated to pressure centre design.	<p>Part 1, Page 15, 16 (Clause 13.3) – The instruction to Bidder indicates that the technical alternatives, if any, of the lowest evaluated Bidder conforming to the base technical requirements shall be considered by the Employer.</p> <p>Part-2, Page 1-13 (Clause 1.6) - The overall criteria for the base process design of the Plant are given in Table 1-5. The updated version of the Table is attached. (Attachment -2)</p> <p>Part 2, Page 1-15 (Table 1-5) - SWRO skids of 25 MLD each with 8+1 trains in each stream have been provided which is the base design.</p> <p>Part 2, Page 3-22 (Clause 3.4.5) – “The bidder may submit an alternative .....”.</p>
3	Proofs of financial statements, including	
a	Consolidated financial statement	The Consolidated Financial Statements submitted during PQ by IDE and Metito through Forms Fin-1 and Fin-2 are furnished. (Attachment-3 - Copy of PQ document submitted by bidders to be obtained from C&M, CMWSSB as the documents are kept under safe custody)
b	Respective country’s laws permitting consolidated financial statement	<p>i) In response to our clarification during PQ, M/s Metito (Overseas) Limited has submitted the local legislation details confirming the consolidated financial statement through a law firm. Further, for clarification, The Companies (Guernsey) Law, 2008 is furnished for your reference. (Attachment-4). The link for your reference is given below:  <a href="https://www.gfsc.gg/sites/default/files/Companies-(Guernsey)-Law-2008-(Consolidated-text).pdf">https://www.gfsc.gg/sites/default/files/Companies-(Guernsey)-Law-2008-(Consolidated-text).pdf</a></p> <p>ii) In response to our clarification during PQ, M/s IDE Water Assets Limited has submitted a written confirmation stating that “As per the Israel’s accounting practices, Auditors for IDE Water Assets Ltd. (former name: IDE Technologies Ltd.) does not prepare standalone financial statements.” This has been confirmed based on the IFRS Accounting practices followed in Israel. The link for your reference is given below: (Attachment-5)</p> <p>a) <a href="https://cdn.ifrs.org/content/dam/ifrs/around-the-world/jurisdiction-profiles/israel-ifrs-profile.pdf">https://cdn.ifrs.org/content/dam/ifrs/around-the-world/jurisdiction-profiles/israel-ifrs-profile.pdf</a> ----- Israel Accounting Practice</p> <p>b) <a href="https://www.iasplus.com/en/standards/ifrs/ifrs10">https://www.iasplus.com/en/standards/ifrs/ifrs10</a> ----- IFRS link.</p>
c	Certified report of IDE and Metito.	The certified reports of IDE and Metito furnished during PQ is submitted as requested by JICA.(Attachment-6 - Copy of PQ document submitted by bidders to be obtained from C&M, CMWSSB as the documents are kept under safe custody)

Sl. No.	JICA query as on 05.07.2021	CMWSSB Clarification
4	Proof of specific experience that VA Tech Wabag Limited is legitimate	As per the documentary evidence submitted by the bidder (VA Tech Wabag) towards Specific experience (4.2):
		4.2 (a) The Applicant WABAG - METITO (JV) has furnished the experience of two contracts, one from each firm. The Applicant M/s VATECH WABAG Ltd. has furnished the experience of 191 MLD, SWRO Desalination Plant, Muscat, Oman (allowed capacity based on 32.5% against 37% of the lead partner of JV is 165.53 MLD). The Other Partner M/s METITO (Overseas) Ltd. has furnished the experience of 150 MLD – El-Galalah Sea Water Desalination Plant for Egyptian Armed Force. The Applicant, as JV meets the criterion. (Attachment-7- Copy of PQ document submitted by bidders to be obtained from C&M, CMWSSB as the documents are kept under safe custody)
		4.2 (b) The Applicant WABAG - METITO (JV) has furnished the experience of a contract to meet the requirement. The Applicant M/s METITO has furnished the experience of installing PLC/DCS & SCADA in SWRO plants having capacities of 150 MLD – El-Galalah Sea Water Desalination Plant for Egyptian Armed Force. The Applicant, as JV meets the criterion. (Attachment-8- Copy of PQ document submitted by bidders to be obtained from C&M, CMWSSB as the documents are kept under safe custody)
		4.2 (c) The Applicant WABAG - METITO (JV) has furnished the experience of a contract to meet the requirements. The Applicant M/s VATECH WABAG Ltd. has furnished the experience of a SWRO plant having a minimum single RO skid capacity of 25.98 MLD (allowed capacity based on 32.5% against 37.5% of lead partner) in 29.982 MLD skid size of 191 MLD SWRO Desalination Plant, Muscat, Oman. The Applicant, as JV meets the criterion. (Attachment-9- Copy of PQ document submitted by bidders to be obtained from C&M, CMWSSB as the documents are kept under safe custody)
		4.2 (d) The Applicant WABAG - METITO (JV) has furnished the experience of a contract to meet the requirements. The Applicant M/s VATECH WABAG Ltd. has furnished the experience of Operation & Maintenance for an SWRO plant of capacity 100 MLD, SWRO Desalination Plant, Nameli, CMWSSB, Chennai since 2013. The Applicant, as JV meets the criterion. (Attachment-10 - Copy of PQ document submitted by bidders to be obtained from C&M, CMWSSB as the documents are kept under safe custody)