CMWSSB/CNT/WSS/ICB/JICA/DESAL/CP01/018/2020-2021 for CONSTRUCTION OF CHENNAI SEAWATER DESALINATION PLANT (I) of 400 MLD.

2.2 EOI response, duly filled in English language & signed and stamped on each page by authorized signatory along with requisite documents may be submitted within stipulated timeline above through e-Mail.

3. PRE-QUALIFICATION REQUIREMENTS & CONFIRMATIONS TO BE PROVIDED BY RESPONDENTS IN RESPONSE TO THIS EOI:

3.1 Qualification of the Applicant but not that of the Applicant's affiliate:

In line with Clause (I)/Section III of PQD placed at Annexure -1, it is the legal entity (which is party to the Applicant under a Consortium / JV or), and not the Applicant's parent company(ies), group companies, subsidiaries, or other affiliates, that must satisfy the following qualification criteria:

3.2 Pre-qualification requirements:

Cl / Pg no. of PQD of CMWSSB (Placed at Annexure-1)	Compliance Requirement	Confirmation (Yes / No.)	Documentation
1.2 / 28 (with footnote)	**Conflict of Interest** No Conflict of Interest ITA 4.2 & 4.3		Not required during EOI Stage
1.3 / 28 (with footnotes)	**JICA Ineligibility** Not having been declared ineligible by JICA as described in ITA 4.5		Not required during EOI Stage
2.1 / 29 (with footnotes)	**History of non- performing Contracts** Non-performance of a contract did not occur as a result of contractor's default since 1st January 2015.		Not required during EOI Stage
2.2 / 29 (with footnotes)	**Pending Litigation** Applicant's financial position and prospective long-term profitability still sound according to criteria established in 3.1 below and assuming that all pending litigation will be resolved against the Applicant.		Not required during EOI Stage
2.3 / 29 (with footnotes)	**Litigation History** No consistent history of court orders against the Applicant since 1st January 2015.		Not required during EOI Stage
3.1 / 31	**Financial Performance:** A) As the minimum requirement, i) Applicant's total profit after tax (PAT) in the last 3 (three) years is not negative ii) Applicant's profits after tax (PAT) in any 2 (two) consecutive years during the last 5 (five) years are not negative. B) As the minimum requirement, Applicant's net worth		Submit Balance Sheet & Profit & Loss account for last 5 years

Cl / Pg no. of PQD of CMWSSB (Placed at Annexure-1)	**Compliance Requirement**	**Confirmation (Yes / No.)**	**Documentation**
	calculated as the difference between total assets and total liabilities should be positive during the last five (5) years.		
3.2 / 31	**Average Annual Turnover:** Minimum average annual turnover of USD 325 million calculated as total certified payments received for contracts in progress and/or completed, within the last 5 years divided by 5 years. The average annual turnover includes Construction, Equipment & O&M Turnover	Confirmation of meeting not less than 25% of the requirement	Attach Balance Sheet & Profit & Loss account for last 5 years
3.3 (B) / 32	**Financial Capabilities:** B) The Applicant should have a minimum available bid capacity of USD 650 million consisting of executing capacity and existing commitments. Available Bid Capacity = A x N x M - B, where A=Max value of works executed during one financial year in the last five years. N= Number of years prescribed for completion of the works for which bids are invited=Three and half years/Forty two months M=2.5 B=value of the existing commitments in all ongoing Engineering works (excluding O&M cost) to be completed during the next three years. Note: Price for previous financial years shall be updated to the present price level @ 5% p.a.	Confirmation of meeting not less than 25% of the requirement	Not required during EOI Stage
3.4 / 33	**Financial Performance (Insolvency):** The Applicant should not be currently in the process of financial restructuring under Corporate Debt Restructuring (CDR) i.e. at the time of the bids submission and up till the contract award (in case the applicant is chosen for contract award).	Yes / No	Not required during EOI Stage
4.2 (a) / 35 (with footnotes)	**Specific Experience:** The Applicant shall have experience in the role of a prime Contractor (single entity or JV member) for the Design, Engineering, Construction, Testing & Commissioning of Seawater Desalination Plant, based on Reverse Osmosis (SWRO) process (Having Intake / outfall facility and energy recovery system for at least one plant of 100 MLD capacity) to the following capacity options: At least 1 (One) SWRO plant of minimum 300 MLD(ii) product water capacity **OR**	Yes / No	Copy of Performance Certificate

Cl / Pg no. of PQD of CMWSSB (Placed at Annexure-1)	**Compliance Requirement**	**Confirmation (Yes / No.)**	**Documentation**
	At least 2 (Two) SWRO plants of minimum 150 MLD(ii) product water capacity each **OR** At least 3 (Three) SWRO Plant of Minimum 100 MLD Product water capacity		
4.2 (b) / 36	**Specific Experience – PLC/DCS and SCADA** The Applicant should have experience in the role of a Contractor (single entity or JV member) or sub-contractor(vi) of installation of PLC/DCS & SCADA in at least one SWRO plant of minimum 100 MLD product capacity single plant or Membrane (MF/UF) based Drinking water plant of 100 MLD single plant capacity or a reverse osmosis (RO) based tertiary treatment reuse plant of 100 MLD single plant capacity. The above project should have been completed and commissioned after 1st January 2010 and should have been operated for a minimum of 1 year by the same agency as on date of submission of Application.		Copy of Performance Certificate
4.2 (c) / 37	**Specific Experience of minimum RO skid size:** The Applicant should have designed and constructed in the role of a contractor (single entity or JV member) or sub-contractor at least one SWRO plant having a minimum single RO skid capacity of 20 MLD. The above project should have been completed and commissioned after 1st January 2010 and has been in successful operation for atleast 1 year as on date of submission of Application.		Copy of Performance Certificate
4.2 (d) / 38 (with footnotes)	Specific Experience – Operation and Maintenance: The Applicant should have done Operation & Maintenance(vii) for at least 5 continuous years after 1st January 2005 in the role of a contractor (single entity or JV member) or sub-contractor(vi) of one SWRO plant of minimum 100 MLD single plant capacity. The above project should have been completed and commissioned after 1st January 2005		Copy of Performance Certificate

4. Evaluation Criteria:

Following evaluation criteria will be followed for selection of the partner:

Sr. No.	Parameter	Minimum Requirement	Scoring	Max. Score	Partner Score	Weigh-tage	Evaluated Score
					A	B	C = A X B
1.	Cumulative capacity of SWRO plants commissioned by Partner after 1st January 2005	300 MLD SWRO Plants in any of the following combination: 3 X 100 MLD or 2 X 150 MLD or 1 X 300 MLD	• For 300 MLD cumulative capacity - **80 Marks.** • **2 additional** marks for each 20 MLD above 300 MLD cumulative capacity	100 Marks		80%	
2.	Indicative percentage of scope share being proposed for BHEL in financial terms (detailed agreement shall be entered at a later stage after issue of tender documents (RFP) by CMWSSB	20%	Marks awarded shall be equal to the scope share (%) offered by the partner (e.g. if partner offers 40% scope share for BHEL , it shall be awarded 40 Marks)	80 Marks		20%	
3.	**Total Score (1+2)**						

Party obtaining the highest evaluated score as derived in serial number 3 above shall be considered for selection.

5. **Contact Details**: For all correspondence and submission of offer/proposal thru email:

Sr. Deputy General Manager
Bharat Heavy Electricals Limited
Integrated office Complex, Industry Sector, Lodhi Road
Mob. 9818843025
Email: sanjeevk@bhel.in

6. MISCELLANEOUS:

6.1 BHEL reserves the right to accept or reject the EOI and to annul the EOI Process and reject all EOI's, at any time without any liability or any obligation for such acceptance, rejection or annulment and without assigning any reasons, thereof.

6.2 The EOI process shall be governed by, and construed in accordance with, the laws of India and the Courts at New Delhi (India) shall have exclusive jurisdiction over all disputes arising under, pursuant to and / or in connection with this EoI process.

6.3 All the necessary documents/ data which are required to meet the tender and project requirement shall be provided by qualified partner for their scope for making consortium qualified for the project.

6.4 Prequalification document as issued by CMWSSB is attached at annexure-1; qualified partner has to meet & comply with the requirements of prequalification documents including any clarifications/ replies/corrigenda/ amendments on the same

ANNEXURE-1

CHENNAI METROPOLITAN WATER SUPPLY & SEWERAGE BOARD

TENDER NO: CMWSSB/CNT/WSS/ICB/JICA/DESAL/CP01/018/2020-2021

LOAN AGREEMENT NO. ID-P267

JICA FUNDED PROJECT

PREQUALIFICATION DOCUMENT

FOR

PROJECT FOR CONSTRUCTION OF CHENNAI SEAWATER DESALINATION PLANT (I)

PROCUREMENT OF 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)

INTERNATIONAL COMPETITIVE BIDDING

PROJECT MANAGEMENT CONSULTANTS
SMEC International Pty Ltd.
NJS Engineers India Pvt. Ltd.
Tata Consulting Engineers Ltd.
SMEC India Pvt. Ltd.

SUPERINTENDING ENGINEER
(CONTRACTS & MONITORING)
CHENNAI METROPOLITAN WATER SUPPLY & SEWERAGE BOARD
No.1, Pumping Station Road,
Chintadripet, Chennai 600 002
Telephone: 044–28451300 Extn: 209
Fax: 044 – 28458181
E-mail: secandm@cmwssb.in

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Invitation for Prequalification

Date	: October 2020
Tender Number	: CMWSSB/CNT/WSS/ICB/JICA/DESAL/CP01/018/2020-2021
Employer	: Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB)
Country	: India
JICA Loan No	: ID-P267
Project Name	: Project for Construction of Chennai Seawater Desalination Plant (I)
Contract Name	: Procurement of 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)

1. The Government of India (GoI) for Government of Tamil Nadu (GoTN) for Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB) has received a loan from Japan International Cooperation Agency (JICA) towards the cost of Project for Construction of Chennai Seawater Desalination Plant (I), which includes 5 Packages i.e. 400 MLD Desalination Plant, Pumping Stations and Reservoirs, Product Water Transmission Mains, Improvement of the Existing Water Distribution Networks and Installation of External Power Transmission Line and intends to apply part of the proceeds towards payments under the Contract for Procurement of 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) for Package No.CP01 resulting from the bidding for which this prequalification is conducted.

2. Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB) now intends to prequalify firms for Procurement of 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).

3. It is expected that Invitation for Bids will be made in February 2021.

4. Prequalification will be conducted through procedures in accordance with the applicable Guidelines for Procurement under Japanese ODA Loans, and is open to all Applicants from eligible source countries, as defined in the Prequalification Document.

5. Interested Applicants may obtain further information and inspect the Prequalification Document during the office hours, between IST 10:00 hours to 17:45 hours on all working days, at the office of the Superintending Engineer (Contracts & Monitoring), CMWSSB.

   Superintending Engineer (Contracts and Monitoring),
   CMWSSB, No.1, Pumping Station Road,
   Chintadripet, Chennai 600 002
   Telephone: 044 28451300 Extn: 209, Facsimile: 044 28458181,
   E-mail: secandm@cmwssb.in
   Website: www.chennaimetrowater.tn.nic.in

6. The Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB) now invites sealed Application as part of Prequalification process from eligible Applicants for Procurement of 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), hereafter referred to as “the Works”.

International Competitive Bidding (ICB) is to be conducted in accordance with JICA's *''Standard Prequalification Document''*.

7. Intending contracting firms can download the detailed Prequalification (PQ) Document from the websites, www.chennaimetrowater.tn.nic.in and www.tenders.tn.gov.in. Also, the Prequalification documents in the form of CD can be obtained on submission of a written application from the office of Grievances Redressal and Facilitation Officer (GRFO), Chennai Metropolitan Water Supply & Sewerage Board, No. 1, Pumping Station Road, Chintadripet, Chennai- 600 002 from 15.10.2020 to 30.11.2020.

8. The cost towards the PQ Document shall be transferred through Electronic Clearing Services (ECS) to the bank details given below by the Applicant or any one of the members of JV for an amount of USD 1000 (inclusive of GST @ 18%) or an amount equivalent in INR, which is non-refundable. If cost is paid in INR, the Exchange rate towards purchase of PQ Document shall be taken 7 days prior to the date of submission of Application for PQ. The proof of ECS transaction shall be submitted along with the submission of Applications for Prequalification.

Name of the Bank	: Bank of India
A/c Name	: CMWSSB 400 MLD SWRO Perur Desal Project
A/c No.	: 800110210000015
Branch Name	: Mount Road, Chennai, Tamil Nadu, India
IFSC Code	: BKID0008001
MICR No.	: 600013010
Swift Code (Foreign Currency Transaction)	: BKIDINBBMTR
Address	: No. 827, Dhun Building, Mount Road, Chennai-600 002, Tamil Nadu, India

9. The Prequalification Application meeting will be held on 29.10.2020 at **IST 11:00 hours** at CMWSSB, No.1, Pumping Station Road, Chintadripet, Chennai 600 002.

10. The Applications for Prequalification in Original + 2 Copies duly signed by authorized signatory must be submitted in hard copy format on or before **IST 15:00 hours** on 01.12.2020 and the Applications for Prequalification will be opened in the presence of Applicants' representatives who choose to attend on 01.12.2020 at **IST 15:30 hours** at the following office.

Superintending Engineer (Contracts and Monitoring),
CMWSSB, No.1, Pumping Station Road,
Chintadripet, Chennai 600 002.
Telephone: 044 28451300 Extn: 209, Facsimile: 044 28458181,
E-mail:secandm@cmwssb.in
Website: www.chennaimetrowater.tn.nic.in

Superintending Engineer
(Contracts and Monitoring)
CMWSSB, Chennai

PART 1 -Prequalification Procedures

Section I. Instructions to Applicants

Section I. Instructions to Applicants

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A. General

1. Scope of Application

1.1 In connection with the Invitation for Prequalification **specified in Section II, Prequalification Data Sheet (PDS)**, the Employer, as **specified in the PDS** located in the Country, as **specified in the PDS**, issues this Prequalification Document (hereinafter referred to as "Prequalification Document") to prospective applicants ("Applicants") interested in submitting applications ("Applications") for prequalification to bid for the works or the plant described in Section VI, Works Requirements.

The name of the Project and the name of the Contract are **specified in the PDS**.

Prequalification may also be invited for multiple lots of the Project, **as specified in the PDS**. Applications may be submitted either for individual lots or for multiple lots in any combination.

1.2 Throughout this Prequalification Document:

(a) the term "in writing" means communicated in written form and delivered against receipt;

(b) except where the context requires otherwise, words indicating the singular also include the plural and words indicating the plural also include the singular;

(c) "day" means calendar day;

(d) "firm" means a private entity, a state-owned enterprise or institution; and

(e) "Joint Venture" or "JV" means any combination of two or more firms in the form of a joint venture, consortium, association or other unincorporated grouping under an existing agreement or with the intention to enter into such an agreement supported by a formal letter of intent.

2. Source of Funds

2.1 The Borrower **specified in the PDS** has received or has applied for a Japanese ODA Loan from the Japan International Cooperation Agency (hereinafter referred to as "JICA"), with the number, in the amount, and on the signed date of the Loan Agreement **specified in the PDS**, towards the cost of the Project. The Borrower intends to apply a portion of the proceeds of the Loan to payments under the contract(s) resulting from the bidding for which this prequalification is conducted.

2.2 Disbursement of a Japanese ODA Loan by JICA will be subject, in all respects, to the terms and conditions of the Loan Agreement, including the disbursement procedures

and the applicable Guidelines for Procurement under Japanese ODA Loans **specified in the PDS**. No party other than the Borrower shall derive any rights from the Loan Agreement or have any claim to loan proceeds.

2.3 The above Loan Agreement will cover only part of the project cost. As for the remaining portion, the Borrower, the Project Executing Agency and the Employer will take appropriate measures for finance through other sources **specified in the PDS**.

3. Corrupt and Fraudulent Practices

3.1 It is JICA's policy to require that Bidders and Contractors, as well as Borrowers, the Project Executing Agencies and the Employers, under contracts funded with Japanese ODA Loans and other Japanese ODA, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, JICA:

(a) will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.

(b) will recognize a Bidder or Contractor as ineligible, for a period determined by JICA, to be awarded a contract funded with Japanese ODA Loans if it at any time determines that the Bidder or the Contractor has engaged in any corrupt or fraudulent practice in competing for, or in executing another contract funded with Japanese ODA Loans or other Japanese ODA. The list of ineligible firms and individuals is available at the electronic address **specified in the PDS**.

(c) will recognize a Contractor as ineligible to be awarded a contract funded with Japanese ODA Loans if the Contractor or subcontractor, who has a direct contract with the Contractor, is debarred under the cross debarment decisions by the Multilateral Development Banks. Such period of ineligibility shall not exceed three (3) years from (and including) the date on which the cross debarment is imposed.

"Cross debarment decisions by the Multilateral Development Banks" is a corporate sanction in accordance with the agreement among the African Development Bank Group, Asian Development Bank, European Bank for Reconstruction and Development, Inter-American Development Bank Group and the World Bank Group signed on 9 April, 2010 (as amended from time to time). JICA will recognize the World Bank Group's debarment of which period exceeds one year, imposed after 19 July, 2010, the date on which the World Bank Group started cross

debarment, as "cross debarment decisions by the Multilateral Development Banks." The list of debarred firms and individuals is available at the electronic address specified in the PDS.

JICA will recognize a Bidder or Contractor as ineligible to be awarded a contract funded with Japanese ODA Loans if the Bidder or Contractor is debarred by the World Bank Group for the period starting from the date of advertisements for Prequalification up to the signing of the contract, unless (i) such debarment period does not exceed one year, or (ii) three (3) years have passed since such debarment decision.

If it is revealed that the Contractor was ineligible to be awarded a contract according to above, JICA will, in principle, impose sanctions against the Contractor.

If it is revealed that the subcontractor, who has a direct contract with the Contractor, was debarred by the World Bank Group on the subcontract date, JICA will, in principle, require the Borrower to have the Contractor cancel the subcontract immediately, unless (i) such debarment period does not exceed one year, or (ii) three (3) years have passed since such debarment decision. If the Contractor refuses, JICA will require the Borrower to declare invalidity or cancellation of the contract and demand the refund of the relevant proceeds of the loan or any other remedies on the grounds of contractual violation.

3.2 If the Employer determines, based on reasonable evidence, that any Applicant has engaged in any corrupt or fraudulent practice, the Employer may disqualify such Applicant after notifying the grounds of such disqualification.

4. Eligible Applicants

4.1 The Applicant may be a single firm or a JV. In the case of a JV:

(a) all members shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms.

(b) The JV shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the prequalification process, bidding (in the event the JV submits a Bid) and during contract execution (in the event the JV is awarded the Contract).

(c) Applications submitted by a JV shall include a copy of the JV Agreement entered into by all members. Alternatively, a formal letter of intent to enter into a

JV in the event of a successful Bid shall be signed by all members and submitted with the Application. The JV Agreement or a formal letter of intent, as the case may be, shall indicate at least the part(s) of the works to be executed by each member.

4.2 The Applicant shall not have a conflict of interest. The Applicant shall be disqualified under any of the circumstances set forth below, where it is determined to have a conflict of interest throughout the bidding/selection process and/or the execution of the contract unless the conflict has been resolved in a manner acceptable to JICA.

(a) A firm shall be disqualified from providing goods or non-consulting services resulting from or directly related to consulting services for the preparation or implementation of a project that it provided or were provided by any affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm. This provision does not apply to the various firms (consultants, contractors, or suppliers) only due to the reason that those firms together are performing the Contractor's obligations under a turnkey or design and build contract.

(b) A firm that has a close business relationship with a professional personnel of the Borrower (or the Executing Agency, or the Employer), who are directly or indirectly involved in any part of: (i) the preparation of the Prequalification and Bidding Documents for the contract, (ii) the Prequalification and Bid evaluation, or (iii) the supervision of such contract, shall be disqualified.

(c) A firm having any other form of conflict of interest other than (a) and (b) above shall also be disqualified.

4.3 A firm and any of its affiliates (that directly or indirectly control, are controlled by or are under common control with that firm) may submit their applications for prequalification either individually, as joint venture or as a subcontractor among them for the same contract. However, if prequalified, based on the "One Bid Per Bidder" principle, which is to ensure fair competition, only one prequalified applicant will be allowed to bid for the same contract. All Bids submitted in violation of this procedure will be rejected. A firm (including its affiliate), if acting in the capacity of a subcontractor in one Bid, may participate in other Bids, only in that capacity.

4.4 The Applicant shall meet the requirements as to eligibility of the Applicants as specified in Section V, Eligible Source

Countries of Japanese ODA Loans.

4.5 The Applicant that has been determined to be ineligible by JICA in accordance with ITA 3.1, shall not be eligible to be awarded a contract.

4.6 The Applicant shall provide such evidence of its continued eligibility satisfactory to the Employer, as the Employer shall reasonably request.

4.7 The goods and services comprising the works and/or plant to be supplied under the Contract and financed by JICA shall meet the requirements specified in Section V, Eligible Source Countries of Japanese ODA Loans.

B. Contents of the Prequalification Document

5. Sections of Prequalification Document

5.1 The Prequalification Document consists of Parts 1 and 2 which include all the Sections specified below, and which should be read in conjunction with any addenda issued in accordance with ITA 7.

PART 1 Prequalification Procedures

- Section I. Instructions to Applicants (ITA)
- Section II. Prequalification Data Sheet (PDS)
- Section III. Qualification Criteria
- Section IV. Application Forms
- Section V. Eligible Source Countries of Japanese ODA Loans

PART 2 Works Requirements

- Section VI. Works Requirements

5.2 The Invitation for Prequalification issued by the Employer is not part of the Prequalification Document.

5.3 Unless obtained directly from the Employer, the Employer is not responsible for the completeness of the Prequalification Document, responses to requests for clarification, the minutes of the pre-application meeting (if any), or addenda to the Prequalification Document in accordance with ITA 7. In case of any contradiction, documents obtained directly by the Employer shall prevail.

5.4 The Applicant is expected to examine all instructions, forms, and terms in the Prequalification Document and to furnish with its Application all information or documentation as is required by the Prequalification Document. The information or documentation shall be complete, accurate, current, and verifiable.

6. Clarification of Prequalification Document

6.1 The Applicant requiring any clarification of the Prequalification Document shall contact the Employer in writing at the Employer's address **specified in the PDS** or raise its enquiries during the pre-application meeting if provided for in accordance with ITA 6.2. The Employer will respond in writing to any request for clarification provided that such request is received no later than fourteen (14) days prior to the deadline for submission of Applications. The Employer shall forward copies of its response to all Applicants who have acquired the Prequalification Document in accordance with ITA 5.3, including a description of the inquiry but without

identifying its source. If so, **specified in the PDS**, the Employer shall also promptly publish its response at the web page **identified in the PDS**. Should the clarification result in changes to the essential elements of the Prequalification Document, the Employer shall amend the Prequalification Document following the procedure under ITA7 and ITA 15.2.

6.2 If so, **specified in the PDS**, the Applicant's designated representative is invited to attend a pre-application meeting. The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage.

6.3 The Applicant is requested to submit any questions in writing, to reach the Employer not later than seven (7) days before the meeting.

6.4 Minutes of the pre-application meeting, if applicable, including the text of the questions asked by the Applicants, without identifying the source and the responses given, together with any responses prepared after the meeting will be transmitted promptly to all Applicants who have acquired the Prequalification Document in accordance with ITA 5.3. Any modification to the Prequalification Document that may become necessary as a result of the pre-application meeting shall be made by the Employer exclusively through the issue of an addendum pursuant to ITA 7 and not through the minutes of the pre-application meeting. Non-attendance at the pre-application meeting will not be a cause for disqualification of an Applicant.

7. Amendment of Prequalification Document

7.1 At any time prior to the deadline for submission of Applications, the Employer may amend the Prequalification Document by issuing addenda.

7.2 Any addendum issued shall be part of the Prequalification Document and shall be communicated in writing to all who have obtained the Prequalification Document from the Employer in accordance with ITA 5.3.If so **specified in the PDS**, the Employer shall also promptly publish the addendum at the Employer's web page in accordance with ITA 6.1.

7.3 To give Applicants reasonable time to take an addendum into account in preparing their Applications, the Employer may, at its discretion, extend the deadline for the submission of Applications, pursuant to ITA 15.2.

C. Preparation of Applications

8. Cost of Applications

8.1 The Applicant shall bear all costs associated with the preparation and submission of its Application, and the Employer shall not be responsible or liable for those costs, regardless of the conduct or outcome of the prequalification process.

9. Language of Application

9.1 The Application, as well as all correspondence and documents relating to the prequalification exchanged by the Applicant and the Employer, shall be written in the language **specified in the PDS**. Supporting documents and printed literature that are part of the Application may be in another language, provided they are accompanied by an accurate translation of the relevant passages in the language **specified in the PDS**, in which case, for purposes of interpretation of the Application, the translation shall govern.

10. Documents Comprising the Application

10.1 The Application shall comprise the following:

(a) Application Submission Form, in accordance with ITA 11.1.

(b) Power of Attorney, authorizing the signatory of the Application to commit the Applicant, in accordance with ITA 13.2 and ITA 13.3.

(c) copy of the JV Agreement, or a formal letter of intent to enter into a JV in accordance with ITA 4.1.

(d) documentary evidence in accordance with ITA 12.1 establishing the Applicant's eligibility and qualification to perform the Contract if its Bid is accepted.

(e) Acknowledgement of Compliance with Guidelines for Procurement under Japanese ODA Loans (Form - ACK), which shall be signed and dated by the Applicant's authorized representative; and

(f) any other document required **as specified in the PDS**.

11. Application Submission Form

11.1 The Applicant shall complete the Application Submission Form using the relevant forms furnished in Section IV, Application Forms. This Form must be completed without any alteration to the text, and no substitutes shall be accepted. All blank spaces shall be filled in with the information requested.

12. Documents Establishing the Qualifications of the Applicant

12.1 To establish its qualifications to perform the contract(s) in accordance with Section III, Qualification Criteria, the Applicant shall provide the information requested in the corresponding forms included in Section IV, Application Forms.

The aforementioned Qualification Criteria contains, among other things, the requirements as to eligibility specified in ITA 4.

13. Format and Signing of Application

13.1 The Applicant shall prepare one original of the Application comprising the documents as described in ITA 10.1 and clearly mark it "ORIGINAL".

In addition, the Applicant shall submit copies of the Application, in the number **specified in the PDS**, and clearly mark them "COPY".

In the event of any discrepancy between the original and the copies, the original shall prevail.

13.2 The original of the Application shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Applicant. This authorization shall be in the form of a Power of Attorney. All pages of the Application where entries or amendments have been made shall be signed or initialed by the person signing the Application.

13.3 An Application submitted by a JV shall be signed by an authorized representative of the JV accompanied by a Power of Attorney from each member of the JV giving that authorized representative the power to sign on their behalf and legally bind them all. Such power shall also be given by a person duly authorized to do so on behalf of each member evidenced by a Power of Attorney.

13.4 Any interlineation, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Application.

13.5 The Applicants shall clearly mark "CONFIDENTIAL" any information which they regard as confidential to their business. Such information may include proprietary information, trade secrets, or commercial or financially sensitive information.

D. Submission of Applications

14 Sealing and Marking of Applications

14.1 The Applicant shall enclose:
(a) in a sealed envelope, duly marked as "ORIGINAL", all documents comprising the Application, as described in ITA 10.1; and
(b) in sealed envelopes, duly marked as "COPY", all required copies of the Application, sequentially numbered.

These envelopes (inner envelopes) containing the original and the copies shall then be enclosed in one single envelope (outer envelope).

14.2 The inner and outer envelopes shall be:
(a) clearly mark with the name and address of the Applicant;
(b) addressed to the Employer, in accordance with ITA 15.1; and
(c) clearly marked with the specific identification of this prequalification process, **specified in PDS 1.1**.

14.3 If all envelopes are not sealed and marked as required, the Employer will assume no responsibility for the misplacement of the Application.

15. Deadline for Submission of Applications

15.1 Applications must be received by the Employer at the address and no later than the date and time **specified in the PDS**.

15.2 The Employer may, at its discretion, extend the deadline for the submission of Applications by amending the Prequalification Document in accordance with ITA 7, in which case all rights and obligations of the Employer and the Applicants subject to the previous deadline shall thereafter be subject to the deadline as extended.

16. Late Applications

16.1 The Employer shall not consider any Application that arrives after the deadline for submission of Applications, in accordance with ITA 16. Any Application received by the Employer after the deadline for submission of Applications shall be declared late, rejected, and returned unopened to the Applicants.

17. Opening of Applications

17.1 The Employer shall open all Applications at the date, time and place **specified in the PDS**.

17.2 The Employer shall prepare a record of the opening of Applications to include, as a minimum, the name of the Applicants. A copy of the record shall be distributed to all Applicants who submitted Applications in time, and to JICA.

E. Procedure for Evaluation of Applications

18. Confidentiality

18.1 Information relating to the evaluation of Applications and result shall not be disclosed to the Applicants or any other persons not officially concerned with the prequalification process until the notification of prequalification results is made to all Applicants in accordance with ITA 24.

The use by any Applicant of confidential information related to this prequalification process may result in the rejection of its Application.

18.2 Any attempt by an Applicant to influence the Employer in the evaluation of the Applications may result in the rejection of its Application.

18.3 Notwithstanding ITA 18.2, from the time of Application opening to the time of notification of results of the prequalification, if any Applicant wishes to contact the Employer on any matter related to the prequalification process, it shall do so in writing.

19. Clarification of Applications

19.1 To assist in the examination and evaluation of the Applications and the qualification of Applicants, the Employer may, at its discretion, ask any Applicant for a clarification of its Application, giving a reasonable time for a response. The Employer's request for clarification and the Applicant's response shall be in writing.

19.2 If an Applicant does not provide clarifications of its application by the date and time set in the Employer's request for clarification, its Application may be rejected.

20. Determination of Responsiveness of Applications

20.1 In case the information furnished by the Applicant is incomplete or otherwise requires clarification as per ITA 19.1, and the Applicant fails to provide satisfactory clarification and/or missing information, it may result in disqualification of the Applicant.

21. Subcontractors

21.1 **Unless otherwise stated in the PDS**, the Employer does not intend to execute any specific elements of the works by subcontractors selected in advance by the Employer (nominated Subcontractors).

The Applicant may propose to subcontract any of the key activities indicated in the Qualification Criteria 4.2 (b). In such a case,

(a) the Applicant may list one or more subcontractor(s) against any of the key activities aforementioned and summation of the subcontractors' qualifications against each of criteria for key activities is accepted;

(b) the Applicant shall clearly identify the proposed subcontractor(s) in Forms ELI-3 and EXP-2(b) in Section IV, Application Forms and submit the Schedule of Subcontractors, as part of its Application, listing out all subcontractors so proposed; and

(c) substitution of the proposed subcontractor(s) shall not be allowed.

F. Evaluation of Applications and Prequalification of Applicants

22. Evaluation of Applications

22.1 The Applicant shall substantially meet or exceed the specified qualification requirements. The Employer reserves the right to waive minor (nonmaterial) deviations in the qualification criteria if they do not materially affect the technical capability and financial resources of the Applicant to perform the contract.

22.2 The determination shall be based upon an examination of the documentary evidence of the Applicant's qualifications submitted by the Applicant, pursuant to ITA 12. For the purposes of this determination, only the qualification of the legal entity(ies) comprising the Applicant shall be considered. In particular, the qualifications of affiliated entities (such as the parent company(ies), group companies, subsidiaries or other affiliates) shall not be considered unless they are parties to the Applicant under a JV in accordance with ITA4.1 or as subcontractors to be employed in accordance with ITA21.1 for the key activities listed in Section III Qualification Criteria 4.2(b).

22.3 The subcontractors proposed in its Application shall meet the eligibility requirements of ITA 4.

Furthermore, the subcontractor proposed in accordance with ITA 21.1 who does not meet the corresponding criteria for the key activities specified in Qualification Criteria 4.2(b) shall be disqualified.

23. Employer's Right to Accept or Reject Applications

23.1 The Employer reserves the right to accept or reject any Application, and to annul the prequalification process and reject all Applications at any time, without thereby incurring any liability to Applicants.

24. Notification of Prequalification

24.1 The Employer shall notify all Applicants in writing of the names of those Applicants who have been prequalified. In addition, those Applicants who have been disqualified will be informed separately.

24.2 After receipt of the Employer's notification pursuant to ITA 24.1 above, the unsuccessful Applicants may request in writing to the Employer a debriefing seeking an explanation of the grounds on which their Applications were not selected. The Employer shall promptly respond in writing to any unsuccessful Applicant who requests a debriefing in accordance with this Clause.

25. Invitation for Bids

25.1 Promptly after the notification of the results of the prequalification, the Employer shall invite Bids from all the Applicants that have been prequalified.

25.2 The Bidders may be required to provide a Bid Security acceptable to the Employer in the form and an amount to be specified in the Bidding Document, and the successful Bidder shall be required to provide a Performance Security to be specified in the Bidding Document.

25.3 The Bidding Document will be prepared in accordance with the applicable Standard Bidding Document of JICA **specified in the PDS**.

26. Changes in Qualifications of Applicants

26.1 Any change in the structure or formation of the Applicant after being prequalified in accordance with ITA 22 and invited to bid (including, in the case of a JV, any change in the structure or formation of any member thereto) shall be subject to a written approval of the Employer prior to the deadline for submission of Bids. Such approval shall be denied, if;

(a) such change has not taken place by the free choice of the firms involved;

(b) as a consequence of the change, the Applicant no longer substantially meets the qualification criteria set forth in Section III, Qualification Criteria; or

(c) in the opinion of the Employer, the change may result in a substantial reduction in competition.

Any such changes should be submitted to the Employer not later than twenty-eight (28) days before the Bid submission deadline.

Section II Prequalification Data Sheet

Prequalification Data Sheet

A. General	
ITA 1.1	The number of the Invitation for Applicant is: CMWSSB/CNT/WSS/ICB/JICA/DESAL/CP01/018/2020-21 The Employer is: Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB) Country: India Name of the Project is: Project for Construction of Chennai Seawater Desalination Plant (I) Name of the Contract is: Procurement of 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). The multiple lots of the Project for which the Prequalification are being invited are: Not Applicable
ITA 2.1	The Borrower is: Government of India (GoI) for Government of Tamil Nadu (GoTN) for Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB) The number of the Loan Agreement is: ID-P267 The amount of a Japanese ODA Loan is: INR 42,677 million The signed date of the Loan Agreement is: 29.03.2018
ITA 2.2	The applicable Guidelines for Procurement under Japanese ODA Loans are those published in: *April 2012*
ITA 2.3	The other sources of finance are: *None*
ITA 3.1(b)	The list of ineligible firms and individuals is available at the JICA's website: www.jica.go.jp/english/our_work/compliance.
ITA 3.1(c)	A list of debarred firms and individuals is available at the World Bank's website: www.worldbank.org/debarr
ITA 4.1	The following provisions will be applicable along with the provisions stated in the ITA 4.1: The JV shall comprise of max. 3 members (including the Lead Member). The share of the individual members in the JV shall be as follows: i. Lead Member shall have a minimum 51% share in the participation of the contract. ii. Other Members shall have a minimum 20% share in the participation

	of the contract. If the Applicant (including any member of the JV) is a foreign entity, it is required to comply with the relevant rules and regulations of the Reserve Bank of India and the Ministry of Corporate Affairs (Registrar of Companies) for establishment of its place of business in India, prior to signing of contract. The Applicant, if awarded the Contract shall complete all the formalities for establishment of its place of business within 28 days of the issuance of the Letter of Award and this compliance shall be a pre-requisite for signing of the Contract.
ITA 4.1 (c)	The Following shall be read in continuation to ITA Clause 4.1(c): If the Applicant is JV, the JV agreement should be registered in Chennai as per the prevailing Registration Act, Rules and Conditions, Registration Department after award of contract and before execution of the agreement so as to be legally valid and binding on partners; and the registration fee required for the registration of the JV agreement should be borne by the Applicants, which will not be reimbursed by the Employer to the Applicant. The JV members shall have to establish an office in Chennai, if the JV is awarded with the Contract to facilitate the completion of above-mentioned registration formalities in Chennai.
B. Contents of the Prequalification Documents	
ITA 6.1	For **clarification purposes** only**,** the Employer's address is: Attention: Superintending Engineer (Contracts and Monitoring) Mailing Address: Office of Superintending Engineer (Contracts and Monitoring), Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB) No.1, Pumping Station Road, Chintadripet, Chennai 600 002 Telephone: 044 28451300 Extn: 209, Facsimile: 044 28458181 E-mail:secandm@cmwssb.in Responses to any request for clarification, if any, will be published on the Employer's web page indicated below. Website: www.chennaimetrowater.tn.nic.in The sentence "The Employer will respond in writing to any request for clarification provided that such request is received no later than fourteen (14) days prior to the deadline for submission of Applications." is modified and shall be read as "*The Employer will respond in writing to any request for clarification provided that such request is received up to the date of pre-application meeting*."
ITA 6.2	A Pre-application meeting will take place at the following date, time and place: Date: 29.10.2020 Time: **IST 11:00 hours**

	Place: **CMWSSB**, No.1, Pumping Station Road, Chintadripet, Chennai 600 002 Maximum of 2 Persons per applicant will be allowed for attending the Pre-application meeting.
ITA 6.3	ITA 6.3 shall be read as "The Applicant may raise the queries up to the date of pre-application meeting."
ITA 7.2	Addenda, if any, will be published on the Employer's web page. However, the Applicant can verify the Employer's web site frequently for any update on Addenda, Minutes of Pre-application meeting.
C. Preparation of Applications	
ITA 9.1	The language of the Application and for any correspondence is: English
ITA 10.1 (f)	This PDS 10.1(f) is not applicable.
ITA 13.1	The Application for Prequalification must be submitted in Hard Copy format comprising of **– One Original + Two Copies,** clearly marking the Original and Copies.
D. Submission of Applications	
ITA 15.1	For **Application Submission purposes** only, the Employer's address is: Attention: Superintending Engineer (Contracts and Monitoring) Mailing Address: Office of Superintending Engineer (Contracts and Monitoring), Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB) No.1, Pumping Station Road, Chintadripet, Chennai 600 002 Telephone: 044 28451300 Extn:209, Facsimile: 044 28458181 E-mail: secandm@cmwssb.in **The deadline for Application submission is:** Date: 01.12.2020 Time: **IST 15:00 hours**
ITA 17.1	The Application opening shall take place at: Mailing Address: Office of Superintending Engineer (Contracts and Monitoring), Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB) No.1, Pumping Station Road, Chintadripet, Chennai 600 002 Telephone: 044 28451300 Extn:209, Facsimile: 044 28458181 E-mail: secandm@cmwssb.in

	Date: 01.12.2020 Time: **IST 15:30 hours**
E. Procedures for Evaluation of Applications	
ITA 21.1	At this time the Employer does not intend to execute certain specific parts of the works by subcontractors (i.e.: nominated Subcontractors) selected in advance.
F. Evaluation of Applications and Prequalification of Applicants	
ITA 25.3	The Bidding documents will be prepared in accordance with the Standard Bidding Documents for the Design Build (July 2015) – "Procurement of Electrical and Mechanical Plant, and for Building and Engineering Works, designed by the Contractor" published by JICA.

Section III. Qualification Criteria Requirements

Qualification Criteria

(I) Qualification of the Applicant but not that of the Applicant's Affiliate

It is the legal entity or entities comprising the Applicant (which is/are party to the Applicant under a JV or as subcontractors to be employed for the key activities listed in this Section), and not the Applicant's parent company(ies), group companies, subsidiaries, or other affiliates, that must satisfy the qualification criteria.

(II) Exchange Rate for Qualification Criteria

Wherever a Form in Section IV, Application Forms, requires the Applicant to state a monetary amount, the Applicant should indicate the USD equivalent using the rate of exchange determined as follows:

(a) For turnover or financial data required for each year- Exchange rate prevailing on the last day of the respective calendar or fiscal year, as applicable.

(b) Value of single contract- Exchange rate prevailing on the date of the contract.

The applicable exchange rate shall be determined as follows:

The source of exchange rate shall be: Reserve Bank of India

In case, the exchange rates are not available in the source identified above, the rates shall be taken from any other publicly available source acceptable to the Employer. Any error in determining the exchange rates may be corrected by the Employer.

(III) Qualification Criteria for Award of Multiple Lots:

N/A

1. Eligibility

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Factor	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Members Combined	Each Member	One Member	
1.1	**Nationality**	Nationality in accordance with ITA 4.4.	Must meet requirement	N/A	Must meet requirement	N/A	Forms ELI –1 and 2(i) with attachments
1.2	**Conflict of Interest**	No conflicts of interests in ITA 4.2 and 4.3.	Must meet requirement	N/A	Must meet requirement(ii)	N/A	Application Submission Form
1.3	**JICA Ineligibility**	Not having been declared ineligible by JICA as described in ITA 4.5.	Must meet requirement	N/A	Must meet requirement(ii)	N/A	Application Submission Form Form ACK

Note for the Applicants:

(i) ELI – 2 is required only if the Applicants is a JV.

(ii) This requirement also applies to subcontractors if proposed by the Applicant under 4.2(b) below.

2. Historical Contract Non-Performance and Litigation

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Factor	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Members Combined	Each Member	One Member	
2.1	**History of non-performing Contracts**	Non-performance of a contract(i) did not occur as a result of contractor's default since 1st January 2015.	Must meet requirement (ii)	N/A	Must meet requirement(ii)	N/A	Form CON
2.2	**Pending Litigation**	Applicant's financial position and prospective long-term profitability still sound according to criteria established in 3.1 below and assuming that all pending litigation will be resolved against the Applicant.	Must meet requirement (ii)	N/A	Must meet requirement(ii)	N/A	Form CON
2.3	**Litigation History**	No consistent history of court orders(iii) against the Applicant since 1st January 2015.	Must meet requirement (ii)	N/A	Must meet requirement(ii)	N/A	Form CON

Notes for the Applicants

(i)Non-performance, as decided by the Employer, shall include all contracts:

(a) where non-performance was not challenged by the contractor, including through referral to the dispute resolution mechanism under the respective contract, and

(b) that were so challenged but fully settled against the contractor.

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Factor	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Members Combined	Each Member	One Member	
Non-performance shall not include contracts where Employer's decision was overruled by the dispute resolution mechanism. Moreover, non-performance must be based on all information on fully settled disputes or litigation, i.e. dispute or litigation that has been resolved in accordance with the dispute resolution mechanism under the respective contract and where all appeal instances available to the applicant have been exhausted. (ii)This requirement also applies to contracts executed by the Applicant as a JV member. (iii) The Applicant shall provide accurate information on the related Application Form about any litigation resulting from contracts completed or ongoing under its execution over the last five (5) years. A consistent history of court orders against the Applicant or any member of a joint venture may result in failure of the Application.							

3. Financial Situation and Capabilities

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Factor	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Members Combined	Each Member	One Member	
3.1	**Financial Performance**	The financial statements (audited balance sheets) for the last five (5)years shall be submitted and must demonstrate the current soundness of the Applicant's financial position and indicate its prospective long-term profitability.					
		A) As the minimum requirement, i) Applicant's total profit after tax (PAT) in the last 3 (three) years is not negative.	Must meet requirement	N/A	Must meet requirement	N/A	Form FIN – 1 with attachments
		ii) Applicant's profits after tax (PAT) in any 2 (two) consecutive years during the last 5 (five) years are not negative.	Must meet requirement	N/A	Must meet requirement	N/A	Form FIN – 1 with attachments
		B) As the minimum requirement, Applicant's net worth calculated as the difference between total assets and total liabilities should be positive during the last five (5) years.	Must meet requirement	N/A	Must meet requirement	N/A	Form FIN – 1 with attachments
3.2	**Average Annual Turnover**	Minimum average annual turnover of USD 325 million, calculated as total certified payments received for contracts in progress and/or completed, within the last 5 years divided by 5 years. The average annual turnover includes Construction, Equipment & O&M Turnover	Must meet requirement	Must meet requirement	Must meet not less than 25% of the requirement	Lead member in JV must meet not less than 50% of the requirement	Form FIN –2

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Factor	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Members Combined	Each Member	One Member	
3.3	**Financial Capabilities**	A) The Applicant shall demonstrate, to the satisfaction of the Employer that it currently (as of the Application submission deadline), has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the construction cash flow requirements estimated as amount in USD 62 million for the subject contract(s) net of the Applicant's all other commitments, both current and future.	Must meet requirement	Must meet requirement	N/A	N/A	Form FIN– 3 and FIN-4
		B) The Applicant should have a minimum available bid capacity of USD 650 million consisting of executing capacity and existing commitments. Available Bid Capacity = AxNxM-B, where A=Max value of works executed during one financial year in the last five years.	Must meet requirement	Must meet requirement	Must meet not less than 25% of the requirement	Lead member in JV must meet not less than 50% of the requirement	Form FIN– 2 and FIN-4

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Factor	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Members Combined	Each Member	One Member	
		N= Number of years prescribed for completion of the works for which bids are invited=Three and half years/Forty two months M=2.5 B=value of the existing commitments in all ongoing Engineering works (excluding O&M cost) to be completed during the next three years. Note: Price for previous financial years shall be updated to the present price level @ 5% p.a.					
3.4	**Financial Performance (Insolvency)**	The Applicant should not be currently in the process of financial restructuring under Corporate Debt Restructuring (CDR) i.e. at the time of the bids submission and up till the contract award (in case the applicant is chosen for contract award).	Must meet requirement	N/A	Must meet requirement	N/A	Form FIN – 5

4. Experience

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Factor	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Members Combined	Each Member	One Member	
4.1	**General Experience**	The Applicant should have continuous experience under Contracts in the role of a prime contractor (single firm or JV member) or sub-contractor[vi] in Water Treatment Plant/Wastewater Treatment Plant/Desalination Seawater Plant of atleast 1 no. of minimum 100 MLD capacity in Construction and/or Operation & Maintenance experience after 1st January 2010.	Must meet requirement	N/A	Must meet the requirement	N/A	Form EXP –1

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Factor	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Members Combined	Each Member	One Member	
4.2 (a)	**Specific Experience**	The Applicant shall have experience in the role of a prime Contractor (single entity or JV member)[(iv)] for the Design, Engineering, Construction, Testing & Commissioning of Seawater Desalination Plant, based on Reverse Osmosis (SWRO) process (Having Intake / outfall facility and energy recovery system for at least one plant of 100 MLD capacity) to the following capacity options:					Form EXP – 2(a) with attachment
		At least 1 (One) SWRO plant of minimum 300 MLD[(ii)] product water capacity.	Must meet requirement	N/A	N/A	Must meet requirement	
		OR At least 2 (Two) SWRO plants of minimum 150 MLD[(ii)] product water capacity each	Must meet requirement	Must meet requirement[(v)]	N/A	N/A	
		OR At least 3 (Three) SWRO Plant of Minimum 100 MLD Product water capacity	Must meet requirement	Must meet requirement[(v)]	N/A	N/A	
		The above plants should have been completed and commissioned[(iii)] after 1st January 2005.The same plant should have been in successful operation for minimum one (1) year as on date of submission of Application.					

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Factor	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Members Combined	Each Member	One Member	
4.2 (b)	**Specific Experience – PLC/DCS and SCADA**	The Applicant should have experience in the role of a Contractor (single entity or JV member) or sub-contractor(vi) of installation of PLC/DCS & SCADA in at least one SWRO plant of minimum 100 MLD product capacity single plant or Membrane (MF/UF) based Drinking water plant of 100 MLD single plant capacity or a reverse osmosis (RO) based tertiary treatment reuse plant of 100 MLD single plant capacity. The above project should have been completed and commissioned after 1st January 2010 and should have been operated for a minimum of 1 year by the same agency as on date of submission of Application.	Must meet requirement Following activities can be met through a subcontractor: N/A	N/A	N/A	Anyone member of the JV shall meet the requirement Following activities can be met through a subcontractor: N/A	Form ELI-3 Form EXP – 2(b) with attachment Schedule of Subcontractors.

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
				Joint Venture (existing or intended)			
No.	Factor	Requirement	Single Entity	All Members Combined	Each Member	One Member	Submission Requirements
4.2 (c)	**Specific Experience of minimum RO skid size**	The Applicant should have designed and constructed in the role of a contractor (single entity or JV member) or sub-contractor(vi) at least one SWRO plant having a minimum single RO skid capacity of 20 MLD. The above project should have been completed and commissioned after 1st January 2010 and has been in successful operation for atleast 1 year as on date of submission of Application.	Must meet requirement Following activities can be met through a subcontractor: N/A	N/A	N/A	Anyone member of the JV shall meet the requirement Following activities can be met through a subcontractor: N/A	Form ELI-3 Form EXP-2(c) with attachment Schedule of Subcontractors.

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Factor	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Members Combined	Each Member	One Member	
4.2 (d)	**Specific Experience – Operation and Maintenance**	The Applicant should have done Operation & Maintenance[vii] for at least 5 continuous years after 1st January 2005 in the role of a contractor (single entity or JV member) or sub-contractor[vi] of one SWRO plant of minimum 100 MLD single plant capacity. The above project should have been completed and commissioned after 1st January 2005	Must meet requirement Following activities can be met through a subcontractor : N/A	N/A	N/A	Anyone member of the JV shall meet the requirement Following activities can be met through a subcontractor: N/A	Form ELI-3 Form EXP–2(d) with attachment Schedule of Subcontractors.

Notes for the Applicants

(i) Management Contractor is DELETED.
(ii) Summation of number of small sized contracts (less than the size specified under requirement) to meet the overall requirement will not be accepted.

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Factor	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Members Combined	Each Member	One Member	
(iii) Completion shall be evidenced by submission of performance certificate from the owner of the project such as Taking-over Certificates and Completion Certificates as required to be submitted as attachment to Form EXP-1, Form EXP-2(a), Form EXP-2(b), EXP – 2(c) and EXP –2(d) of Section IV, Application Forms. (iv) The lead partner shall be given 100% experience credit while other JV partners shall be given experience in the proportional to their percent share in JV relative to the share of lead partner. (v) In determining whether the JV meets the requirement of total number of contracts, only the number of contracts completed by all members, each of size equal or more than the minimum size required, shall be aggregated. (vi) The lead partner shall be given 100% experience credit while other JV partners shall be given experience in the proportional to their percent share in JV relative to the share of lead partner. (vii) Operation & Maintenance experience shall be counted from actual date of commissioning of the Plant. Operation & Maintenance carried out during defect liability period shall also be considered as a part of O&M requirement for Clause 4.2 (d) above. (viii) The applicant shall submit performance certificate from the owner of the project for successful completion in specific construction experience as of application submission date: for Clauses 4.1 and 4.2. All experience certificates to be provided with English translation shall be identified, as true translated copies of the original, by a duly certified / authorized / qualified Translator, supported by the affidavit of the said Translator, certifying the correctness of the English translation. All the document originating outside the Republic of India such as work experience certificate(s), financial detail(s) etc. should be self-attested by the authorised signatory of the Applicant. However, in case of certificates/financial data originated within India, the same needs to be duly notorized.							

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Factor	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Members Combined	Each Member	One Member	
	Even though the Applicants meet the pre-qualification criteria, they are subject to be disqualified if they have, made misleading or false representations in the forms, statements and attachments submitted as proof of the qualification requirements.						

Section IV. Application Forms

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[*Prepare this Application Submission Form on stationery with its letterhead clearly showing the Applicant's complete name and business address.*]

Application Submission Form

Date : [*insert date of Bid submission*]
Tender No. : [*insert Invitation for Bid number*]
Project : [*insert name of Project*]
Contract : [*insert name of Contract*]

To: [*insert full name of Employer*]

We, the undersigned, apply to be prequalified for the contract of referenced number and declare that:

(a) We, have examined and have no reservations to the Prequalification Document, including addenda issued in accordance with Instructions to Applicants (ITA) 7: [*insert the number and issuing date of each Addendum*].

(b) We, including sub-contractor, meet the eligibility requirements as stated in ITA4.

(c) We, including subcontractor, have no conflict of interest in accordance with ITA4.

(d) We, understand that you may cancel the prequalification process at any time and that you are neither bound to accept any Application that you may receive nor to invite the prequalified Applicants to bid for the contract, in respect of which this prequalification is conducted, without incurring any liability to the Applicants, in accordance with ITA23.

(e) We, hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in any type of fraud and corruption.

Name of the Applicant[1] [*insert complete name of person signing the Application*]

Name of the person duly authorized to sign the Application on behalf of the Applicant[2] [*insert complete name of person duly authorized to sign the Application*]

Title of the person signing the Application [*insert complete title of the person signing the Application*]

Signature of the person named above [*insert signature of person whose name and capacity are shown above*]

Date signed [*insert date of signing*] day of [*insert month*], [*insert year*]

Notes for the Applicants

1. In the case of the Application submitted by a joint venture, specify the name of the Joint Venture as Applicant.
2. Person signing the Application shall have the Power of Attorney given by the Applicant to be included in the Application.

Schedule of Subcontractors

[*The Applicant shall list below, subcontractors (if any) proposed to be used by the Applicant for the execution of the key activities listed in Section III, Qualification Criteria, Sub-Factor 4.2(b), 4.2(c) and 4.2(d)in accordance with Section I, Instruction to Applicants, ITA 21.1. The completed Schedule as updated during the bidding stage, once accepted by the Employer will be a contract document in accordance with the Contract Agreement. Nominated Subcontractors shall not be listed in this Schedule.*]

No.	Key Activity	Subcontractor	
		Name	Nationality

Form ELI - 1: Applicant Information Form

Date: [insert day, month, year]
Tender No.: [insert number]
Page [insert page number] of [insert total number] pages

[Applicants shall provide the following information. The documents listed/ stated as required shall be submitted as attachments hereto.]

Applicant's legal name: [insert full name]
In case of JV, legal name of the representative member and of each member: [insert full name of each member in the JV and specify the representative member]
Applicant's actual or intended country of registration: [insert country of registration]
Applicant's actual or intended year of incorporation: [insert year of incorporation]
Applicant's legal address in country of registration: [insert street/number/town or city/country]
Applicant's authorized representative information Name: [insert full name] Address: [inset street/number/town or city/country] Telephone/Fax numbers: [insert telephone/fax numbers, including country and city codes] Email Address: [insert E-mail address]
1. Attached are copies of original documents of Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of constitution or association), and/or documents of registration of the legal entity named above. 2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

Form ELI - 2: JV Member Information Form

Date: [insert day, month, year]
Tender No.: [insert number]
Page [insert page number] of [insert total number] pages

[The following form is additional to Form ELI-1, and shall be completed to provide information relating to each JV member, in case if Applicant is a JV. The documents listed/ stated as required shall be submitted as attachments hereto.]

Applicant's legal name: [insert full name]
JV Member's legal name: [insert full name of Applicant's Party]
JV Member's country of registration: [insert country of registration]
JV Member's year of incorporation: [insert year of incorporation]
JV Member's legal address in country of registration: [insert street/number/town or city/country]
JV Member's authorized representative information Name: [insert full name] Address: [insert street/number/town or city/country] Telephone/Fax numbers: [insert telephone/fax numbers, including country and city codes] E-mail address: [insert E-mail address]
1. Attached are copies of original documents of Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above. 2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

Form ELI -3: Subcontractor Information Form

Date: [*insert day, month, year*]
IFP No.: [*insert number*]
Page [*insert page number*] of [*insert total number*] pages

[*The following form is additional to Form ELI-1 and ELI-2 (if applicable), and shall be completed to provide information relating to the Subcontractor (if any) proposed to be used by the Applicant for the execution of the key activities listed in Section III, Qualification Criteria, Sub-Factor 4.2(b), 4.2 (c) & 4.2 (d). The documents listed/ stated as required shall be submitted as attachments hereto.*]

Applicant's legal name: [insert full name]
Subcontractor's legal name: [insert full name of Subcontractor's Party]
Subcontractor's country of registration: [insert country of registration]
Subcontractor's year of incorporation: [insert year of incorporation]
Subcontractor's legal address in country of registration: [insert street/number/town or city/country]
Subcontractor's authorized representative information Name: [insert full name] Address: [insert street/number/town or city/country] Telephone/Fax numbers: [insert telephone/fax numbers, including country and city codes] E-mail address: [insert E-mail address]
1. Attached are copies of original documents of Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above. 2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

Form CON: Historical Contract Non-Performance and Litigation

[The following table shall be filled in for the Applicant, and for each JV member if the Applicant is a JV.]

Date: [insert day, month, year]
Applicant's Legal Name: [insert full name]
JV Member's Name: [insert full name]
Tender No.: [insert number]
Page [insert page number] of [insert total number] pages

1. History of Non-Performing Contracts

Non-Performing Contracts			
In accordance with Section III, Qualification Criteria, Sub-Factor 2.1, as appropriate, since 1st January 2015. [The Applicant shall indicate the applicable wording below by checking the appropriate box.] ☐ contract non-performance did not occur. ☐ contract non-performance occurred as indicated below:			
Year	**Non- performed portion of Contract**	**Contract Identification**	**Total Contract Amount**
[insert year]	[insert amount and percentage]	• Contract Identification: [indicate complete Contract name, number, and any other identification] • Name of Employer: [insert full name] • Address of Employer: [insert street/city/country] • Telephone/Fax numbers: [insert telephone/fax numbers, including country and city codes] • Email address: [insert email address] • Reason(s) for non-performance: [indicate main reason(s)]	[insert current value, currency, exchange rate and USD equivalent]

2. Pending Litigation

Pending Litigation				
In accordance with Section III, Qualification Criteria, Sub-Factor 2.2, as appropriate. [The Applicant shall choose the relevant wording below by checking the appropriate box.] ☐ there is no pending litigation involving the Applicant. ☐ there is pending litigation involving the Applicant as indicated below:				
Year of dispute	**Amount in dispute (currency)**	**Outcome as Percentage of Net Worth**	**Contract Identification**	**Total Contract Amount**
[insert year]	[insert amount]	[insert percentage]	• Contract Identification: [indicate complete Contract name, number, and any other identification] • Name of Employer:[insert full name] • Address of Employer: [insert street/ city/ country] • Telephone/Fax numbers: [insert telephone/fax numbers, including country and city codes] • Email address: [insert email address] • Party who initiated Litigation: [indicate "Employer" or "Contractor"] • Matter in dispute: [indicate main issues in dispute]	[insert current value, currency, exchange rate and USD equivalent]

3. Litigation History

Litigation History		
In accordance with Section III, Qualification Criteria, Sub-Factor 2.3, as appropriate, since 1st January 2015: [The Applicant shall choose the relevant wording below by checking the appropriate box.] ☐ there are no court orders against the Applicant. ☐ there are court orders against the Applicant as indicated below:		
Year of award	**Contract Identification**	**Total Contract Amount**
[insert year]	• Contract Identification: [indicate complete Contract name, number, and any other identification • Name of Employer: [insert full name] • Address of Employer: [insert street/city/country] • Telephone/Fax numbers: [insert telephone/fax numbers, including country and city codes] • Email address: [insert email address] • Matter in dispute: [indicate main issues in dispute] • Party who initiated the litigation: [indicate "Employer" or "Contractor"] • Abstract of the Court Order: [state concisely the court order concerning main issues in dispute]	[insert current value, currency, exchange rate and USD equivalent)]

Form FIN - 1: Financial Situation

[The following table shall be filled in for the Applicant, and for each JV member, if the Applicant is a JV. The documents listed/ stated as required shall be submitted as attachments hereto.]

Date: [insert day, month, year]
Applicant's Legal Name: [insert full name]
Joint Venture Member's Legal Name: [insert full name]
Tender No.: [insert number]
Page [insert page number] of [insert total number] pages

1. Financial data

Type of Financial information in (currency)	**Historic information for previous [insert number] years (amount in currency, exchange rate, USD equivalent)**				
	Year 1	**Year 2**	**Year 3**	**Year 4**	**Year 5**
Information from Balance Sheet					
Total Assets (TA)					
Total Liabilities (TL)					
Net Worth (NW)					
Current Assets (CA)					
Current Liabilities (CL)					
Working Capital (WC)					
Information from Income Statement					
Total Revenue (TR)					
Profits Before Taxes (PBT)					
Profits After Taxes (PAT)					
Information from Cash Flow Statement					
Cash Flow from Operating Activities					

2. Financial documents

The Applicant and its parties shall provide copies of the financial statements[1] for the number of years indicated in Section III, Qualification Criteria Sub-Factor 3.1. The financial statements shall:

(a) reflect the financial situation of the legal entity(ies) comprising the Applicant, and not of the affiliated entities (such as parent company(ies), group companies or subsidiaries) of the Applicant unless they are parties to the Applicant under a JV in accordance with ITA 4.1.

(b) be independently audited or certified in accordance with local legislation.

(c) be complete, including all notes to the financial statements.

(d) correspond to accounting periods already completed and audited.

Attached herewith are copies of financial statements for the number of years required above; and complying with the requirements.

Note for the Applicants

1. If the most recent set of financial statement is for a period earlier than 12 months from the date of the Application Submission, the reason for this should be justified.

Form FIN - 2: Average Annual Turnover

[The following table shall be filled in for the Applicant, and for each JV member if the Applicant is a JV]

Date: [insert day, month, year]
Applicant's Legal Name: [insert full name]
JV Member's Legal Name: [insert full name]
Tender No.: [insert number]
Page [insert page number] of [insert total number] pages

Annual Turnover Data			
Year	**Amount and Currency**	**Exchange rate**	**USD equivalent**
[indicate year]	[insert amount and indicate currency]	[insert applicable exchange rate]	[insert amount in USD equivalent]
Average Annual Turnover[1]			
Average Annual turnover includes Construction, Equipment & O&M Turnover			

Notes for the Applicants:

1. Total USD equivalent for all years divided by the total number of years, in accordance with Section III, Qualification Criteria, Sub-Factor 3.2.
2. Copy of the Audited Annual Financial statement in complete shape including notes for the above years to be submitted for the years corresponding to years in above table.

Form FIN - 3: Financial Resources

[The following table shall be filled in for the Applicant and for each JV member if the Applicant is a JV.]

Date: [insert day, month, year]
Applicant's Legal Name: [insert full name]
JV Member's Legal Name: [insert full name]
Tender No.: [insert number]
Page [insert page number] of [insert total number] pages

[Specify proposed sources of financing, such as liquid assets, unencumbered real assets, lines of credit, and other financial means, net of current commitments, available to meet the total construction cash flow demands of the subject Contract or Contracts as specified in Section III. Qualification Criteria, Sub-Factor 3.3, as appropriate.]

Financial Resources		
No.	**Source of financing[1]**	**Amount (USD equivalent)**
1		
2		
3		
4		
5		

Notes for the Applicants

1. Sources of financing may include working capital (to be taken from FIN-1), Credit Line (to be substantiated by a letter from the bank issuing the line of credit), etc.

Form FIN - 4: Current Contract Commitments

[The following table shall be filled in for the Applicant, and for each JV member if the Applicant is a JV.]

Date: [insert day, month, year]
Applicant's Legal Name: [insert full name]
JV Member's Legal Name: [insert full name]
Tender No.: [insert number]
Page [insert page number] of [insert total number] pages

*[*The Applicant *and each member should provide information on their current commitments on all Contracts that have been awarded, or for which a Letter of Intent or acceptance has been received, or for contracts approaching completion, but for which an unqualified, full Taking-over Certificate / Completion Certificate has yet to be issued, in accordance with Section III, Qualification Criteria, Sub-Factor 3.3.]*

Current Contract Commitments						
No.	**Name of Contract**	**Employer's Mailing Address, Tel, Fax**	**Value of Outstanding Work [Current USD Equivalent]**	**Commencement Date**	**Estimated Completion Date**	**Average Monthly Invoicing Over Last Six Months [USD/month)]**
1						
2						
3						
4						
5						

Bid Capacity:

Bidders who meet the Minimum Qualification Criteria will be qualified only if their available bid capacity is 1.5 time the total bid value. The available bid capacity will be calculated as under:

Available Bid Capacity = AxNxM-B,
where

A=Max value of works executed during one financial year in the last five years.
N= Number of years prescribed for completion of the works for which bids are invited=Three and half years/Forty two months
M=2.5
B=value of the existing commitments in all ongoing Engineering works (excluding O&M cost) to be completed during the next three years.

Note: Price for previous financial years shall be updated to the present price level @ 5% p.a.

Form FIN - 5: Financial Performance

[The following table shall be filled in for the Applicant and for each JV member if the Applicant is a JV.]

Date: [insert day, month, year]
Applicant's Legal Name: [insert full name]
JV Member's Legal Name: [insert full name]
Tender No. [insert number]
Page [insert page number] of [insert total number] page

To Whom So Ever It May Concern

This is to certify that our Firm (name of the Applicant / JV member) is currently not in the process of financial restructuring under Corporate Debt Restructuring (CDR) i.e., at the time of the proposal submission and up till the contract award (in case, our firm is chosen for contract award).

Duly Signed by the Company Secretary as well as the Authorized Signatory.

Form EXP –1: General Experience

[The following table shall be filled in for the Applicant and for each JV member if the Applicant is a JV.]

Date: [insert day, month, year]
Applicant's Legal Name: [insert full name]
Joint Venture Member's Legal Name: [insert full name]
Tender No.: [insert number]
Page [insert page number] of [insert total number] pages

[The Applicant *shall identify contracts that demonstrate continuous experience pursuant to Section III, Qualification Criteria, Sub-Factor 4.1 and list contracts chronologically, according to their commencement (starting) dates]*

General Experience			
Starting Year	**Ending Year**	**Contract Identification**	**Role of Applicant**
[indicate year]	[indicate year]	• Contract name: [insert full name] • Brief description of the Contract performed by the Applicant : [describe Contract performed briefly] • Amount of Contract: [insert amount in currency, mentioned currency used, exchange rate and USD equivalent] • Name of Employer: [indicate full name] • Address: [insert mailing address]	[insert "Prime Contractor (Single entity or JV member)" or "Subcontractor"]

Form EXP –2(a): Specific Experience

[The following table shall be filled in for the Applicant, and for each JV member if the Applicant is a JV. The documents listed/ stated as required shall be submitted as attachments hereto.]

Date: [insert day, month, year]
Applicant's Legal Name: [insert full name]
JV Member's Legal Name: [insert full name]
Tender No.: [insert number]
page [insert page number] of [insert total number] pages

[The Applicant shall fill out one (1) form per contract, in accordance with Section III, Qualification Criteria, Sub-Factor 4.2(a).]

<table>
<tr><th colspan="4">Contract of Similar Size and Nature</th></tr>
<tr><td>Similar Contract No.
[insert number] of [insert number of similar Contracts required]</td><td colspan="3">Information</td></tr>
<tr><td>Contract Identification</td><td colspan="3">[insert Contract name and reference identification number, if applicable]</td></tr>
<tr><td>Award Date</td><td colspan="3">[insert day, month, year, e.g., 15 June, 2015]</td></tr>
<tr><td>Completion Date*</td><td colspan="3">[insert day, month, year, e.g., 03 October, 2017]</td></tr>
<tr><td rowspan="2">Role in Contract

[check the appropriate box]</td><td colspan="3">Prime Contractor</td></tr>
<tr><td colspan="2">Single entity
☐</td><td>JV member
☐</td></tr>
<tr><td>Total Contract Amount</td><td colspan="2">[insert Total Contract amount(s) and currency(ies)]</td><td>USD [insert exchange rate and total Contract amount in USD equivalent]</td></tr>
<tr><td rowspan="2">If member in a JV, specify participation in total Contract amount</td><td>[insert percentage of participation]</td><td>[insert total contract amount and currency(ies)]</td><td>USD [insert exchange rate and total contract amount in USD equivalent]</td></tr>
<tr><td colspan="3">[describe participation in JV and work performed]</td></tr>
<tr><td>Employer's Name</td><td colspan="3">[insert full name]</td></tr>
<tr><td>Address</td><td colspan="3">[insert mailing address]</td></tr>
</table>

Contract of Similar Size and Nature	
Similar Contract No. [insert number] of [insert number of similar Contracts required]	**Information**
Telephone/fax number E-mail	[insert telephone/fax numbers, including country and city area codes] [insert E-mail address, if available]
Description of the similarity in accordance with Sub-Factor 4.2(a) of Section III:	
1. Physical size of required items	[insert physical size of items]
2. Complexity	[insert description of complexity]
3. Construction Methods/ Technology	[insert specific aspects of the methods/technology involved in the Contract]
4. Other Characteristics	[insert other characteristics as described in Section VI, Works Requirements]

Attached herewith are the copies of originals of:

(a) abstracts of contract documents, JV Agreements, etc. evidencing that the size and nature of the above-mentioned contract meets the requirements specified in Section III, Qualification Criteria, Sub-Factor 4.2(a).

(b) the performance certificate(s) from the owner of the project (i.e. Taking-over Certificate(s)/ Completion Certificate(s)), evidencing that the above-mentioned contract has been successfully completed.

* Also, mention the date of commissioning of the plant and the number of years of successful operation of the plant

Form EXP –2(b): Experience in Key Activities

Date: [insert day, month, year]
Applicant's Legal Name: [insert full name]
Tender No.: [insert number]
Page [insert page number] of [insert total number] pages

1. Summary of Key Activities
[*Fill out if the Applicant is a Single Firm /JV or proposes Subcontractors for the execution of any of the key activities*.]

Summary of Single Firm / JV Member / Subcontractor for Key Activities		
Key Activity		**Single Firm / JV Member / Subcontractor**
No	**Description**	
1	[insert name of Activity No. 1]	[insert full name(s) of Single Firm / JV Member(s)/ Subcontractor(s)] (i) _____ (ii) _____ (iii) _____
2	[insert name of Activity No. 2]	[insert full name(s) of Single Firm / JV Member(s)/ Subcontractor(s)] (i) _____ (ii) _____ (iii) _____
3	[insert name of Activity No. 3]	[insert full name(s) of Single Firm / JV Member(s)/ Subcontractor(s)] (i) _____ (ii) _____ (iii) _____
4	[insert name of Activity No. 4]	[insert full name(s) of Single Firm / JV Member(s)/ Subcontractor(s)] (i) _____ (ii) _____ (iii) _____
etc.	_____	_____

2. Contract Information
Key Activity No (1): [*insert name of Key Activity*]
[*Fill out one (1) form per contracts performed by the Applicant Single Firm / JV member /Subcontractor as listed in the Summary of Key Activities above in accordance with Section III,*

Qualification Criteria, Sub-Factor 4.2(b). The documents listed/ stated as required shall be submitted as attachments hereto.]

(i) [insert full name of Single Firm /JV Member's /Subcontractor's Legal Name]

<table>
<tr><th colspan="4">Contract of Similar Key Activities</th></tr>
<tr><th>Item</th><th colspan="3">Information</th></tr>
<tr><td>Contract Identification</td><td colspan="3">[insert Contract name and reference identification number, if applicable]</td></tr>
<tr><td>Award Date</td><td colspan="3">[insert day, month, year, e.g., 15 June, 2015]</td></tr>
<tr><td>Completion Date*</td><td colspan="3">[insert day, month, year, e.g., 03 October, 2017]</td></tr>
<tr><td rowspan="2">Role in Contract
[check the appropriate box]</td><td colspan="2">Prime Contractor</td><td rowspan="2">Subcontractor □</td></tr>
<tr><td>Single Entity □</td><td>JV Member □</td></tr>
<tr><td>Total Contract Amount</td><td>[insert Total Contract amount(s)and currency(ies)]</td><td colspan="2">USD [insert exchange rate and total Contract amount in USD equivalent]</td></tr>
<tr><td>[insert brief description of the Activity No. (1)]</td><td colspan="3">[describe briefly how the corresponding minimum requirement is met]</td></tr>
<tr><td>Employer's Name</td><td colspan="3">[insert full name]</td></tr>
<tr><td>Address

Telephone/fax number

E-mail</td><td colspan="3">[insert mailing address]

[insert telephone/fax numbers, including country and city area codes]

[insert E-mail address, if available]</td></tr>
<tr><td colspan="4">Attached herewith are the copies of originals of:
(a) abstracts of contract documents, sub-contract agreements, JV Agreements, etc. evidencing that the above activity meets the criteria specified in Section III, Qualification Criteria, Sub-Factor 4.2(b).
(b) the performance certificate(s) from the owner of the project(i.e. Taking-over Certificate(s)/ Completion Certificate(s)) for the above-mentioned contract, evidencing that the above activity has been successfully carried.
* Also, mention the date of commissioning of the plant and the number of years of successful operation of the plant</td></tr>
</table>

(ii) [*insert full name of Single Firm /JV Member's /Subcontractor's Legal Name*]

(iii) [*insert full name of Single Firm /JV Member's /Subcontractor's Legal Name*]

Key Activity No. (2):

Key Activity No. (3):

Form EXP –2(c): Experience in Key Activities

Date: [insert day, month, year]
Applicant's Legal Name: [insert full name]
Tender No.: [insert number]
Page [insert page number] of [insert total number] pages

1. Summary of Key Activities
[*Fill out if the Applicant is a Single Firm /JV or proposes Subcontractors for the execution of any of the key activities*.]

Summary of Single Firm / JV Member / Subcontractor for Key Activities		
Key Activity		**Single Firm / JV Member / Subcontractor**
No	**Description**	
1	[insert name of Activity No. 1]	[insert full name(s) of Single Firm / JV Member(s)/ Subcontractor(s)] (i) _____ (ii) _____ (iii) _____
2	[insert name of Activity No. 2]	[insert full name(s) of Single Firm / JV Member(s)/ Subcontractor(s)] (i) _____ (ii) _____ (iii) _____
3	[insert name of Activity No. 3]	[insert full name(s) of Single Firm / JV Member(s)/ Subcontractor(s)] (i) _____ (ii) _____ (iii) _____
4	[insert name of Activity No. 4]	[insert full name(s) of Single Firm / JV Member(s)/ Subcontractor(s)] (i) _____ (ii) _____ (iii) _____
etc.		

2. Contract Information
Key Activity No (1): [*insert name of Key Activity*]
[*Fill out one (1) form per contracts performed by the Applicant Single Firm / JV member /Subcontractor as listed in the Summary of Key Activities above in accordance with Section III,*

Qualification Criteria, Sub-Factor 4.2(c). The documents listed/ stated as required shall be submitted as attachments hereto.]

(i) [insert full name of Single Firm /JV Member's /Subcontractor's Legal Name]

<table>
<tr><th colspan="4">Contract of Similar Key Activities</th></tr>
<tr><th>Item</th><th colspan="3">Information</th></tr>
<tr><td>Contract Identification</td><td colspan="3">[insert Contract name and reference identification number, if applicable]</td></tr>
<tr><td>Award Date</td><td colspan="3">[insert day, month, year, e.g., 15 June, 2015]</td></tr>
<tr><td>Completion Date*</td><td colspan="3">[insert day, month, year, e.g., 03 October, 2017]</td></tr>
<tr><td rowspan="2">Role in Contract
[check the appropriate box]</td><td colspan="2">Prime Contractor</td><td rowspan="2">Subcontractor □</td></tr>
<tr><td>Single Entity □</td><td>JV Member □</td></tr>
<tr><td>Total Contract Amount</td><td>[insert Total Contract amount(s)and currency(ies)]</td><td colspan="2">USD [insert exchange rate and total Contract amount in USD equivalent]</td></tr>
<tr><td>[insert brief description of the Activity No. (1)]</td><td colspan="3">[describe briefly how the corresponding minimum requirement is met]</td></tr>
<tr><td>Employer's Name</td><td colspan="3">[insert full name]</td></tr>
<tr><td>Address

Telephone/fax number

E-mail</td><td colspan="3">[insert mailing address]

[insert telephone/fax numbers, including country and city area codes]

[insert E-mail address, if available]</td></tr>
<tr><td colspan="4">Attached herewith are the copies of originals of:
(a) abstracts of contract documents, sub-contract agreements, JV Agreements, etc. evidencing that the above activity meets the criteria specified in Section III, Qualification Criteria, Sub-Factor 4.2(c).
(b) the performance certificate(s) from the owner of the project(i.e. Taking-over Certificate(s)/ Completion Certificate(s)) for the above-mentioned contract, evidencing that the above activity has been successfully carried.
* Also, mention the date of commissioning of the plant and the number of years of successful operation of the plant</td></tr>
</table>

(ii) [*insert full name of Single Firm /JV Member's /Subcontractor's Legal Name*]

(iii) [*insert full name of Single Firm /JV Member's /Subcontractor's Legal Name*]

Key Activity No. (2):

Key Activity No. (3):

Form EXP –2(d): Experience in Key Activities

Date: [insert day, month, year]
Applicant's Legal Name: [insert full name]
Tender No.: [insert number]
Page [insert page number] of [insert total number] pages

1. Summary of Key Activities
[*Fill out if the Applicant is a Single Firm /JV or proposes Subcontractors for the execution of any of the key activities*.]

Summary of Single Firm / JV Member / Subcontractor for Key Activities		
Key Activity		**Single Firm / JV Member / Subcontractor**
No	**Description**	
1	[insert name of Activity No. 1]	[insert full name(s) of Single Firm / JV Member(s)/ Subcontractor(s)] (i) _____ (ii) _____ (iii) _____
2	[insert name of Activity No. 2]	[insert full name(s) of Single Firm / JV Member(s)/ Subcontractor(s)] (i) _____ (ii) _____ (iii) _____
3	[insert name of Activity No. 3]	[insert full name(s) of Single Firm / JV Member(s)/ Subcontractor(s)] (i) _____ (ii) _____ (iii) _____
4	[insert name of Activity No. 4]	[insert full name(s) of Single Firm / JV Member(s)/ Subcontractor(s)] (i) _____ (ii) _____ (iii) _____
etc.		

2. Contract Information
Key Activity No (1): [*insert name of Key Activity*]
[*Fill out one (1) form per contracts performed by the Applicant Single Firm / JV member /Subcontractor as listed in the Summary of Key Activities above in accordance with Section III,*

Qualification Criteria, Sub-Factor 4.2(d). The documents listed/ stated as required shall be submitted as attachments hereto.]

(i) [insert full name of Single Firm /JV Member's /Subcontractor's Legal Name]

<table>
<tr><th colspan="5">Contract of Similar Key Activities</th></tr>
<tr><th>Item</th><th colspan="4">Information</th></tr>
<tr><td>Contract Identification</td><td colspan="4">[insert Contract name and reference identification number, if applicable]</td></tr>
<tr><td>Award Date</td><td colspan="4">[insert day, month, year, e.g., 15 June, 2015]</td></tr>
<tr><td>Completion Date*</td><td colspan="4">[insert day, month, year, e.g., 03 October, 2017]</td></tr>
<tr><td rowspan="2">Role in Contract
[check the appropriate box]</td><td colspan="2">Prime Contractor</td><td colspan="2" rowspan="2">Subcontractor □</td></tr>
<tr><td>Single Entity □</td><td>JV Member □</td></tr>
<tr><td>Total Contract Amount</td><td colspan="2">[insert Total Contract amount(s)and currency(ies)]</td><td colspan="2">USD [insert exchange rate and total Contract amount in USD equivalent]</td></tr>
<tr><td>[insert brief description of the Activity No. (1)]</td><td colspan="4">[describe briefly how the corresponding minimum requirement is met]</td></tr>
<tr><td>Employer's Name</td><td colspan="4">[insert full name]</td></tr>
<tr><td>Address

Telephone/fax number

E-mail</td><td colspan="4">[insert mailing address]

[insert telephone/fax numbers, including country and city area codes]

[insert E-mail address, if available]</td></tr>
<tr><td colspan="5">Attached herewith are the copies of originals of:
(a) abstracts of contract documents, sub-contract agreements, JV Agreements, etc. evidencing that the above activity meets the criteria specified in Section III, Qualification Criteria, Sub-Factor 4.2(d).
(b) the performance certificate(s) from the owner of the project(i.e. Taking-over Certificate(s)/ Completion Certificate(s)) for the above-mentioned contract, evidencing that the above activity has been successfully carried.
* Also, mention the date of commissioning of the plant and the number of years of successful operation of the plant</td></tr>
</table>

(ii) [*insert full name of Single Firm /JV Member's /Subcontractor's Legal Name*]

(iii) [*insert full name of Single Firm /JV Member's /Subcontractor's Legal Name*]

Key Activity No. (2):

Key Activity No. (3):

Form ACK

Acknowledgement of Compliance with Guidelines for Procurement under Japanese ODA Loans

A) I, [insert name and position of authorized signatory], being duly authorized by [insert name of Applicant/members of joint venture ("JV")] (hereinafter referred to as the "Applicant") to execute this Acknowledgement of Compliance with Guidelines for Procurement under Japanese ODA Loans, hereby certify on behalf of the Applicant and myself that:

(i) all information provided in the Application submitted by the Applicant and its subcontractors for [insert name of the Project, and name, number and identification of lot(s) (contracts(s)) as stated in PDS 1.1] is true, correct and accurate to the best of the Applicant's and my knowledge and belief; and

(ii) the Applicant or any of its subcontractors has not, directly or indirectly, taken any action which is or constitutes a corrupt or fraudulent practice and is not subject to any conflict of interest as stipulated in the relevant section of the Guidelines.

<If debarment for more than one year by the World Bank Group is NOT imposed, use the following sentence B).>

B) I certify that the Applicant has NOT been debarred by the World Bank Group for more than one year since the date of issuance of Invitation for Prequalification.

<If debarment for more than one year by the World Bank Group has been imposed BUT three (3) years have passed since the date of such debarment decision, use the following sentence B').>

B') I certify that the Applicant has been debarred by the World Bank Group for a period more than one year BUT that on the date of issuance of Invitation for Prequalification atleast three (3) years had passed since the date of such debarment decision. Details of the debarment are as follows:

name of the debarred firm	**starting date of debarment**	**ending date of debarment**	**reason for debarment**

C) I certify that the Applicant will not enter into a subcontract with a firm which has been debarred by the World Bank Group for a period more than one year, unless on the date of the subcontract at least three (3) years have passed since the date of such debarment decision.

D) I certify, on behalf of the Applicant and its subcontractors, that if selected to undertake services in connection with the Contract, the Applicant and its subcontractors shall carry out such services in continuing compliance with the terms and conditions of the Guidelines.

E) I further certify, on behalf of the Applicant and its subcontractors, that if the Applicant or any of its subcontractors is requested, directly or indirectly, to engage in any corrupt or fraudulent practice under any applicable law, such as the payment of a rebate, at any time during a process of public procurement, negotiations, execution or implementation of contract (including amendment thereof), the Applicant shall report all relevant facts regarding such request to the relevant section in JICA (details of which are specified below) in a timely manner.

JICA's information desk on fraud and corruption (A report can be made to either of the offices identified below.)

(1) **JICA Headquarters**: Legal Affairs Division, General Affairs Department
URL: https://www2.jica.go.jp/en/odainfo/index.php
Tel: +81 (0)3 5226 8850

(2) **JICA Delhi office**
16th Floor, Hindustan Times Building, Kasturba Gandhi Marg
New Delhi 110 001
Tel: +91-11-4909-7000

The Applicant acknowledges and agrees that the reporting obligation stated above shall NOT in any way affect the Applicant's responsibilities, obligations or rights, under relevant laws, regulations, contracts, guidelines or otherwise, to disclose or report such request or other information to any other person(s) or to take any other action, required to or allowed to, be taken by the Applicant. The Applicant further acknowledges and agrees that JICA is not involved in or responsible for the procurement process in any way.

F) If any of the statements made herein is subsequently proven to be untrue or incorrect based on facts subsequently determined, or if any of the warranties or covenants made herein is not complied with, the Applicant will accept, comply with, and not object to any remedies taken by the Employer and any sanctions imposed by or actions taken by JICA.

_____

Authorized Signatory
[Insert name of signatory; title]

For and on behalf of
[Insert name of the Applicant]
Date: [insert date]

Section V. Eligible Source Countries of Japanese ODA Loans

All Countries and Areas are eligible

PART 2 – Works Requirements

Section VI. Works Requirements

1. Description of Works

The Chennai Metropolitan Area (CMA) is facing chronic water shortage due to short rainfall and the ever-increasing water demand resulting out of increasing population and growing economy. The surface water from the rivers and reservoirs, as well as the groundwater, has been the major water resources for the CMA, over the years. However, the yields from such conventional water resources are not stable because of the frequent droughts.
According to the Master Plan for Water Supply and Sewerage Sectors in Chennai Corporation and Rest of CMA, the water production capacity in 2020 is about 882 million liters per day (MLD) against the estimated demand of 1720 MLD. In wide areas in Chennai, the service continuity is only three to four hours in a day.
To secure sufficient water supply for the people and businesses, as a counter measure against the said issue(s), the State Government of Tamil Nadu (GoTN) decided to construct seawater desalination plants(DSPs) as a more reliable climate-independent water resource, which is not subject to drought. As shown in Table1, below, at present, two DSPs are already operational in the CMA, but the water demand is not yet satisfied. In order to further mitigate the water shortages, GoTN has prepared an expansion plan of the existing Nemmeli DSP by 150MLD and a construction plan of a DSP with a capacity of 400MLD at Perur (Perur DSP). Following the state government's direction, the Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB) prepared the detailed project reports (DPRs) for the projects mentioned above.

In accordance with the results of the DPR prepared earlier, the Government of India (GoI) proposed the construction project of Perur DSP in the list of expected projects for Japanese Official Development Assistance (ODA) loan, known as the Rolling Plan. On receiving the proposal from GoI, the Japan International Cooperation Agency (JICA) carried out the Preparatory Survey on the Sea water Desalination Plant Project in Chennai and based upon the results of this study the final loan agreement was signed between the GoI and JICA for the implementation of the Seawater desalination project with additional components.

Table1.Existing and Planned DSPs in the CMA

No.	Name	Capacity	Status
1	Minjur DSP (Existing)	100MLD	Operational since2010
2	Nemmeli DSP(Existing)	100MLD	Operational since 2013
3.	Nemmeli DSP(Expansion)	150MLD	Planned – under execution
4.	Perur DSP	400MLD	Planned*

* Project for which Prequalification Application is being sought.

1.1 Existing Seawater Desalination Plants –Capacities and Locations

As stated earlier, there are two DSPs in CMA that supply water to the households and businesses in Chennai Corporation area, as shown in Figure 1. Both plants adopt Reverse Osmosis (RO) desalination technology and the production capacities of these plants are100MLD each, of product water. The Nemmeli DSP, which was inaugurated on February 22, 2013, owned by CMWSSB, is located at the southern side of the Chennai city, while the Minjur Plant, which started its operation in July 2010 by a private operator under Design-Build-Own-Operation (DBOOT) scheme, is located at the northern side of the Chennai city. The outlines of the two DSP's are presented in Table 2 below.

Figure1: Locations of the existing DSPs (Source: JICA Study Team)

Table 2 Outlines of the Existing DSPs of CMWSSB

Item		Nemmeli	Minjur
Contractor		VATECH WABAG (India) + IDE Technology (Israel)	Abengoa (Spain) + IVRCL (India)
Contract type		Design-Build-Operate (DBO) (7-year	Design-Build-Own-Operate-Transfer (DBOOT) (25-year operation)
Raw sea water quality	Max. TDS*1(mg/l)	38,000(Jan. 2015 – Dec 2015)	34,000(July 2014 - July 2015)
	Temperature (deg. C)	26 -31 (Jan. 2015 - Dec 2015)	26- 31(July 2014 – July 2015)
	Max. TSS*2(mg/l)	400(Jan. 2015 – Dec 2015)	280 (July 2014- July 2015)
Pre-treatment section		Lamella filter + Disc filter + Ultra	Lamella filter + Dual media filter
RO section		One stage RO, Spiral membrane. Micron cartridge filters (MCF) are inserted before the RO units	One stage RO, spiral membrane, Pressure filter and MCF are inserted before the RO units
Recovery ratio		45%	45%
Post-treatment section		CO_2 injection+ Lime stone filter + Disinfection injection +Caustic soda dosing	CO_2 injection+ Lime powder dosing+ Disinfection injection

*1: Total Dissolved Solids, which is the indicator for salinity in the seawater
*2: Total Suspended Solids, which is the indicator for cleanliness of the seawater

Source: JICA Study Team by compiling information from CMWSSB

For the past one year i.e. from Feb'2019, the Nemmeli DSP has experienced high turbidity, TSS and TOC conditions during monsoon. As the water-stress conditions in CMA are severe, it is expected that the new Perur 400 MLD plant will be designed to maintain a high level of availability and process performance capability so as to consistently meet the full production capacity during the whole year.

2. Site Location for the New DSP at Perur

The proposed construction site of the new DSP is located at Perur, 40km south from the Chennai city center. It is a rectangular-shaped land having a width of 400m and length of 850m with a total area of approximately 34hectares. It is situated along the coastal side of the East Coast Road (ECR), which is the primary access road to the construction site.

The seawater intake and brine outfall are planned to be located some 1.1 to 1.8 km offshore from the DSP site, in a water depth of approximately 10 to 12 m. Sedimentary layers of silty sand have been identified between 0.0 and− 8.0 m below the seabed. Also, buried rocks have been found near the shore that are spread in different direction and depth.

3. Indicative Project Milestones

The indicative milestone dates for the 400 MLD Perur DSP Project are as follows:

- RFQ submission : 01.12.2020
- Shortlisted Applicants notified : February 2021
- Commencement of Request for Proposals (RFP) process : February 2021
- RFP submissions close : April 2021
- Award of Contract : July 2021
- Construction and commissioning complete : January 2025
- Operation and maintenance contract : 20 years

The typical work execution period for construction of 400 MLD SWRO plant at Perur is about 42 months from kickoff to completion of work including successful demonstration of working of the plant.

These dates are indicative only and subject to change.