
PREQUALIFICATION DOCUMENTS

for

Procurement of

**Detailed Design and Construction of
Underground Stations and Associated
Tunnels**

Employer: Mumbai Metro Rail Corporation

Country: Republic of India

Project: MUMBAI METRO LINE 3

Loan No.: [ID-P 233]

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PART 1 – Prequalification Procedures

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**, issues these Prequalification Documents (“Prequalification Documents”) for prequalification to tender for the Works described in Section VI, Scope of Works. In case the Works are to be tender as individual contracts (i.e. the slice and package procedure), these are **specified in the PDS**.
 - 1.2 Throughout these Prequalification Documents:
 - (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; and
 - (c) “day” means calendar day.
- 2. Source of Funds**
 - 2.1 The Borrower **specified in the PDS** has received or has applied for a Japanese ODA Loan from 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 **named in the PDS**. The Borrower intends to apply a portion of the proceeds of the loan to payments under the contract resulting from the tendering 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 will take appropriate measures for finance.
- 3. Corrupt and Fraudulent Practices**
 - 3.1 In this ITA 3.1, “Tenderer” and “Contractors” are used as synonyms of “Applicants.”

It is JICA’s policy to require that Tenderers and Contractors, as well as Borrowers, 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 Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
- (b) will recognise a Tenderer 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 Tenderer or the Contractor has engaged in corrupt or fraudulent practices in competing for, or in executing another contract funded with Japanese ODA Loans or other Japanese ODA; and
- (c) Will recognise 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 recognise 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 recognise a Tenderer or Contractor as ineligible to be awarded a contract funded with Japanese ODA Loans if the Tenderer 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.

4. Eligible Applicants

- 4.1 For the purpose of applying the eligibility criteria listed in this ITA 4, references to the “Applicant” include all entities, **specified in the PDS**, involved or intended to be involved with the proposed Works (including all partners and any of their affiliates that directly or indirectly control, or are controlled by or are under common control with the firm), specialist subcontractors, consultants, manufacturers or suppliers (as mentioned in Form ELI-1.2 Applicant’s Party Information Form), and the personnel of each, for any part of the contract including related services.
- 4.2 An Applicant may be a firm that is a single entity or any combination of such entities in the form of joint venture (JV) **specified in the PDS** under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent. In the case of a JV, all members shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms. The JV shall nominate an authorised 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, tendering (in the event the JV submits a Tender) and during contract execution (in the event the JV is awarded the Contract).
- 4.3 An Applicant and all members constituting the Applicant shall be from any of the eligible source countries as indicated in Section V, Eligible Source Countries of Japanese ODA Loans.
- 4.4 An Applicant shall not have a conflict of interest. An Applicant shall not be employed under any of the circumstances set forth below, where it is determined to have a conflict of interest throughout the tendering/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 the Borrower’s professional personnel, who are directly or indirectly involved in

any part of: (i) the preparation of the Prequalification and Tender documents for the contract, (ii) the Prequalification and Tender evaluation, or (iii) the supervision of such contract, shall be disqualified.

- 4.5 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 Tender Per Tenderer” principle, which is to ensure fair competition, only one prequalified applicant will be allowed to tender for the same contract. All Tenders submitted in violation of this procedure will be rejected. A firm (including its affiliate), if acting in the capacity of a subcontractor in one Tender, may participate in other Tenders, only in that capacity.
- 4.6 A firm having any other form of conflict of interest other than ITA 4.4 and ITA 4.5 shall be disqualified.
- 4.7 An Applicant that has been determined to be ineligible by JICA in accordance with ITA 3, shall not be eligible to be awarded a contract.
- 4.8 Applicants shall provide such evidence of their continued eligibility satisfactory to the Employer, as the Employer shall reasonably request.

B. Contents of the Prequalification Documents

5. Sections of Prequalification Documents

- 5.1 These Prequalification Documents **specified in the PDS** consist of Parts 1 and 2 which include all the Sections specified below, and which should be read in conjunction with any addendum (“Addendum”) 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 and Requirements
- Section IV. Application Forms
- Section V. List of Eligible Countries of Japanese ODA Loans

PART 2 Works Requirements

- Section VI. Scope of Works
- 5.2 The Invitation for Prequalification issued by the Employer is not part of the Prequalification Documents.
- 5.3 Unless obtained directly from the Employer, the Employer accepts no responsibility for the completeness of the document, responses to

requests for clarification, the minutes of the pre-Application meeting (if any), or Addendum to the Prequalification Documents in accordance with ITA 7. In case of any discrepancies, documents issued directly by the Employer shall prevail.

- 5.4 The Applicant is expected to examine all instructions, forms, and terms in the Prequalification Documents and to furnish with its Application all information or documentation as is required by the Prequalification Documents.
- 5.5 General information on the climate, hydrology, topography, access to site, transportation and communications facilities, medical facilities, project layout, expected construction period, and other services and facilities to be provided by the Employer is furnished in Section VI, Scope of Works.

6. Clarification of Prequalification Documents

- 6.1 A prospective Applicant requiring any clarification of the Prequalification Documents shall contact the Employer in writing at the Employer's address **specified in the PDS**. 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 obtained the Prequalification Documents directly from the Employer 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 Employer deem it necessary to amend the Prequalification Documents as a result of a clarification, it shall do so following the procedure under ITA 7 and in accordance with the provisions of ITA 16.2.
- 6.2 If so **indicated in the PDS**, the prospective Applicant's designated representative is invited at the Applicant's cost to attend a pre-Application meeting at the place, date and time **mentioned in the PDS**. During this pre-Application meeting, prospective Applicants may request clarification of the project requirement, the criteria for qualifications or any other aspects of the Prequalification Documents **specified in the PDS**.
- 6.3 Minutes of the pre-Application meeting, if applicable, including the text of the questions asked by Applicants, including those during the meeting (without identifying the source) and the responses given, together with any responses prepared after the meeting will be transmitted promptly to all prospective Applicants who have obtained the Prequalification Documents. Any modification to the Prequalification Documents that may become necessary as a result of the pre-Application meeting shall be made by the Employer exclusively through the use of an Addendum pursuant to ITA 7. Non-attendance at the pre-Application meeting will not be a cause for

disqualification of an Applicant.

- 7. Amendment of Prequalification Documents**
- 7.1 At any time prior to the deadline for submission of Applications, the Employer may amend the Prequalification Documents by issuing addenda.
- 7.2 Any Addendum issued shall be part of the Prequalification Documents and shall be communicated in writing to all who have obtained the Prequalification Documents from the Employer. If so **specified in the PDS**, the Employer shall promptly publish the Addendum at the Employer's web page **identified in the PDS**.
- 7.3 To give prospective 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 in accordance with ITA 16.2.

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. The Employer shall in no case 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) documentary evidence establishing the Applicant's eligibility to prequalify, in accordance with ITA 12.1;
 - (c) documentary evidence establishing the Applicant's qualifications, in accordance with ITA 13;
 - (d) Acknowledgement of Compliance with Guidelines for Procurement under Japanese ODA Loans (Form-ACK), which shall be signed and dated by the Applicant's authorised representative; and
 - (e) any other document required as **specified in the PDS**.
- 11. Application**
- 11.1 The Applicant shall complete an Application Submission Form as

- Submission Form** provided in Section IV, Application Forms. This Form must be completed without any alteration to its format.
- 12. Documents Establishing the Eligibility of the Applicant**
- 12.1 To establish its eligibility in accordance with ITA 4, the Applicant shall complete the eligibility declarations in the Application Submission Form and Forms ELI 1.1 and 1.2, included in Section IV, Application Forms.
- 13. Documents Establishing the Qualifications of the Applicant**
- 13.1 To establish its qualifications to perform the contract(s) in accordance with Section III, Qualification Criteria and Requirements, the Applicant shall provide the information requested in the corresponding forms included in Section IV, Application Forms.
- 13.2 Wherever an Application Form requires an Applicant to state a monetary amount, the Applicant should indicate the USD equivalent using the rate of exchange determined as follows:
- For construction turnover or financial data required for each year - Exchange rate prevailing on the last day of the respective calendar year.
- Value of single contract - Exchange rate prevailing on the date of the contract.
- Exchange rates shall be taken from the publicly available source **identified in the PDS** or, in case such rates are not available in the source identified above, any other publicly available source acceptable to the Employer. Any error in determining the exchange rates in the Application may be corrected by the Employer.
- 14. Signing of the Application and Number of Copies**
- 14.1 The Applicant shall prepare one original of the documents comprising the Application as described in ITA 10 and clearly mark it "ORIGINAL". The original of the Application shall be typed or written in indelible ink and shall be signed by a person duly authorised to sign on behalf of the Applicant. In case the Applicant is a JV **specified in the PDS**, the Application shall be signed by an authorised representative of the JV on behalf of the JV and so as to be legally binding on all the members as evidenced by a power of attorney signed by their legally authorised signatories.
- 14.2 The Applicant shall submit copies of the signed original 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.

D. Submission of Applications

- 15. Sealing and Identification of Applications**
- 15.1 The Applicant shall enclose the original and the copies of the Application in a sealed envelope that shall:
- (a) bear the name and address of the Applicant;
 - (b) be addressed to the Employer, in accordance with ITA 16.1; and
 - (c) bear the specific identification of this prequalification process, **specified in PDS 1.1.**
- 15.2 The Employer will accept no responsibility for not processing any envelope that was not identified as required in ITA 15.1 above.
- 16. Deadline for Submission of Applications**
- 16.1 Applicants may either submit their Applications by mail or by hand **specified in the PDS.** Applications shall be received by the Employer at the address and no later than the deadline **specified in the PDS.**
- 16.2 The Employer may, at its discretion, extend the deadline for the submission of Applications by amending the Prequalification Documents 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.
- 17. Late Applications**
- 17.1 The Employer reserves the right to accept or reject late Applications.
- 18. Opening of Applications**
- 18.1 The Employer shall open all Applications at the date, time and place **specified in the PDS.**
- 18.2 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.

E. Procedures for Evaluation of Applications

- 19. Confidentiality**
- 19.1 Information relating to the Applications, their evaluation and result shall not be disclosed to 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 26.
- 19.2 From the deadline for submission of Applications to the time of notification of the results of the prequalification in accordance with ITA 26, any Applicant that wishes to contact the Employer on any matter related to the prequalification process (except as specified in ITA 19.1 above), may do so only in writing.
- 20. Clarification of**
- 20.1 To assist in the evaluation of Applications, the Employer may, at its

Applications

discretion, ask an Applicant for a clarification (including missing documents) of its Application, to be submitted within a stated reasonable period of time. Any request for clarification from the Employer and all clarifications from the Applicant shall be in writing.

20.2 If an Applicant does not provide clarifications of the information requested by the date and time set in the Employer's request for clarification, its Application shall be evaluated based on the information and documents available at the time of evaluation of the Application.

21. Responsiveness of Applications

21.1 The Employer may reject any Application which is not responsive to the requirements of the Prequalification Documents. In case the information furnished by the Applicant is incomplete or otherwise requires clarification as per ITA 20.1, and the Applicant fails to provide satisfactory clarification and/or missing information, it may result in disqualification of the Applicant.

22. Subcontractors

22.1 Applicants planning to subcontract any of the key activities indicated in Section III, Qualification Criteria and Requirements, shall specify the activity (ies) or parts of the Works to be subcontracted in the Application Submission Form. Applicants shall clearly identify the proposed specialist subcontractor(s) in Forms ELI-1.2 and EXP-4.2(b) in Section IV, Application Forms. Such proposed specialist subcontractor(s) shall meet the corresponding qualification requirements specified in Section III, Qualification Criteria and Requirements, **noted in the PDS**.

22.2 At this time, the Employer does not intend to execute certain specific parts of the Works by subcontractors selected in advance by the Employer (Nominated Subcontractors) unless otherwise **stated in the PDS**.

F. Evaluation of Applications and Prequalification of Applicants

23. Evaluation of Applications

23.1 The Employer shall use the factors, methods, criteria, and requirements defined in Section III, Qualification Criteria and Requirements to evaluate the qualifications of the Applicants, and no other methods, criteria, or requirements shall be used. The Employer reserves the right to waive minor deviations in the qualification criteria if they do not materially affect the technical capability and financial resources of an Applicant to perform the contract.

23.2 Only the qualifications of subcontractors that have been identified in the Application may be considered in the evaluation of an Applicant. However, the general experience and financial resources of subcontractors may not be added to those of the Applicant for

purposes of prequalification of the Applicant.

- 23.3 Unless otherwise **specified in the PDS**, this prequalification shall be for a single contract.
- 23.4 Only the qualifications of the Applicant shall be considered. In particular, the qualifications of a parent or other affiliated company that is not party to the Applicant under a JV **specified in the PDS** in accordance with ITA 4.2 shall not be considered.
- 23.5 In case of multiple contracts, Applicants should indicate in their Applications the individual contract or combination of contracts in which they are interested. The Employer shall prequalify each Applicant for the maximum combination of contracts for which the Applicant has thereby indicated its interest and for which the Applicant meets the aggregate requirements or any other reasonable requirements set forth by the Employer. The Qualification Criteria and Requirements are mentioned in Section III.
- 24. Employer's Right to Accept or Reject Applications** 24.1 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.
- 25. Prequalification of Applicants** 25.1 All Applicants whose Applications substantially meet or exceed the specified qualification requirements will be prequalified by the Employer.
- 26. Notification of Prequalification** 26.1 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 **specified in the PDS**.
- 26.2 Applicants that have not been prequalified may write to the Employer to request, in writing, or in a meeting, the grounds on which they were disqualified **specified in the PDS**.
- 27. Invitation for Tenders** 27.1 Promptly after the notification of the results of the prequalification, the Employer shall invite Tenders from all the Applicants that have been prequalified.
- 27.2 Tenderers may be required to provide a Tender Security acceptable to the Employer in the form and an amount to be specified in the Tender documents, and the successful Tenderer shall be required to provide a Performance Security to be specified in the Tender documents.
- 27.3 The Tender documents will be prepared in accordance with the applicable Standard Bidding Documents of JICA **specified in the PDS**.

**28. Changes in
Qualifications
of Applicants**

- 28.1 Any change in the structure or formation of an Applicant as specified in the PDS after being prequalified in accordance with ITA 25 and invited to tender (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 Tenders. Such approval shall be denied, if; (i) such change has not taken place by the free choice of the firms involved; (ii) as a consequence of the change, the Applicant no longer substantially meets the qualification criteria set forth in Section III, Qualification Criteria and Requirements; or (iii) 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 fourteen (14) days after the date of the Invitation for Tenders.

Section II. Prequalification Data Sheet

Prequalification Data Sheet

| A. General | |
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| ITA 1.1 | The number of the Invitation for Prequalification is: <i>MM3-CBS-UGC-0913</i> . |
| ITA 1.1 | The Employer is Mumbai Metro Rail Corporation |
| ITA 1.1 | The name, identification, and number of the lot(s) (contract(s)) are Detailed Design and Construction of Underground Stations and Associated Tunnels which consists of MM3-CBS-UGC-01, MM3-CBS-UGC-02, MM3-CBS-UGC-03, MM3-CBS-UGC-04, MM3-CBS-UGC-05, MM3-CBS-UGC-06 and MM3-CBS-UGC-07. |
| ITA 2.1 | The name of the Borrower is Government of India. |
| ITA 2.1 | The number of the Loan Agreement is <i>ID-P 233</i> . The amount of a Japanese ODA Loan is Seventy One (71) billion Japanese Yen. The signed date of the Loan Agreement is 17 th September 2013 |
| ITA 2.1 | The name of the Project is Mumbai Metro Line3 (Colaba-Bandra-SEEPZ) |
| ITA 2.2 | The applicable Guidelines for Procurement under Japanese ODA Loans are those published in April 2012. |
| 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 | An applicant should be either a) An Indian Company incorporated under Companies Act, 1956 OR b) A Foreign Company registered under relevant legislation in its country of origin and having permission to carry out business in India. OR c) A Consortium/Joint Venture of no more than five companies of (a) and or (b) above. |
| ITA 4.2 | “JV” shall be replaced with Consortium/Joint Venture (JV). In case of a Consortium/Joint Venture, the Lead Partner shall have at least 40% share of any Consortium/JV. In case of a Consortium/Joint Venture, the experience of only those members who will have at least 25% share in the overall work in this tender will be considered. |
| B. Contents of the Prequalification Documents | |
| ITA 5.1 | Eligible applicants may obtain the pre-qualification documents after 16 th |

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| | <p>September 2013 by downloading from the website or address below:</p> <p>The Managing Director, MMRC MMRDA Building, Bandra Kurla Complex, Bandra (East), Mumbai – 400 051, India, Website: http://mmrda.maharashtra.gov.in/home</p> <p>The documents will be available for a non-refundable fee of INR 2,500/- to be paid in the form of Demand Draft/Bankers Cheque from any Nationalised / Scheduled Bank in favour of Mumbai Metro Rail Corporation Limited payable at Mumbai at the office address mentioned above.</p> |
| ITA 6.1 | <p>For <u>clarification purposes</u> only, the Employer's address is:</p> <p>Attention: (Mr.)R. Ramana, Additional Chief (TP) Street Address: MMRDA, Bandra Kurla Complex, Bandra (East) City: Mumbai Post Code: 400 051 Country: Republic of India Telephone: +91 22 2659 4112 Facsimile number: +91 22 2659 4182</p> |
| ITA 6.1 & 7.2 | Responses to any request for clarification, if any, will not be published on the Employer's web page. |
| ITA 6.2 | No further pre-Application meeting. |
| C. Preparation of Applications | |
| ITA 9.1 | The language of the Application as well as of all correspondence is <i>English</i> . |
| ITA 10.1 (e) | The Applicant shall submit with its Application, the following additional documents: NONE |
| ITA 13.2 | Reserve Bank of India/ State Bank of India. |
| ITA 14.1 | “JV” shall be replaced with Consortium/Joint Venture (JV). |
| ITA 14.1 | All documents must be spiral/hard bound. No loose papers will be accepted. |
| ITA 14.2 | <p>In addition to the original, the number of copies to be submitted with the Application is two sets of copies and one electronic version (PDF on CD).</p> <p>The Application should be clearly marked “Application to Pre-qualify for Mumbai Metro Line 3 (Colaba-Bandra-SEEPZ) - Underground Stations and Associated Tunnels”.</p> |
| D. Submission of Applications | |

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| ITA 16.1 | <p>Submission of applications for pre-qualification must be received in sealed envelopes, either delivered by hand, courier or by registered mail.</p> <p>The deadline for Application submission is:</p> <p>Date: 24th February 2014</p> <p>Time: 3:00 p.m.</p> <p>For <u>Application submission purposes</u> only, the Employer's address is:</p> <p>Attention: The Managing Director, MMRC</p> <p>Street Address: MMRDA , Bandra Kurla Complex, Bandra (East),City: Mumbai</p> <p>Post Code: 400 051</p> <p>Country: Republic of India</p> <p>Telephone: +91 22 2659 4112</p> <p>Facsimile number: +91 22 2659 4182</p> |
| ITA 18.1 | <p>The opening of the Applications shall be at 4:00 p.m. on 24th February 2014.</p> |

| E. Procedures for Evaluation of Applications | |
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| ITA 22.1 | The Applicants shall attest that they shall not sub-contract entire bored tunnelling works and/ or entire station work. |
| ITA 22.2 | At this time the Employer <i>does not intend</i> to execute certain specific parts of the Works by subcontractors selected in advance (Nominated Subcontractors). |
| F. Evaluation of Applications and Prequalification of Applicants | |
| ITA 23.3 | <p>As stipulated in ITA 1.1, this prequalification exercise shall be for multiple contracts.</p> <p>The Contract packages are divided into the following two categories for the purpose of the Pre-qualification of applicants:</p> <ul style="list-style-type: none"> • Category (I) Packages: Contract packages involving construction of stations by cut & cover method with associated bored tunnels i.e. Contract Packages MM3-CBS-UGC-03 & 06 • Category (II) Packages: Contract packages involving construction of stations both by cut & cover method and NATM (mining methods, tunnels having integrated platforms) with associated bored tunnels i.e. Contract Packages MM3-CBS-UGC-01, 02, 04, 05 & 07. <p>As a result of this pre-qualification process, a list of pre-qualified agencies will be drawn (separately for category (I) and category (II) packages) and these pre-qualified agencies will be free to tender for any number of packages (in the respective category/categories in which the agencies have been pre-qualified). However, at the time of contract award, no firm will be awarded more than 2 contracts. The decision would be made on the basis of the lowest responsive price-tender combination for all seven (7) Contract packages.</p> <p>A Tenderer's award capacity will be determined during Tender evaluation when additional information such as (i) current contract commitments, (ii) equipment to be allocated and (iii) personnel to be submitted will be assessed.</p> |
| ITA 23.4 | "JV" shall be replaced with Consortium/Joint Venture (JV). |
| ITA 26.1 | Applicants will be advised by the Employer in writing by fax or telex, within 90 days of the date for submission of applications, of the result of their application, and of the names of the pre-qualified applicants, without being assigned any reason for the Employer's decision. |

| | |
|-----------------|---|
| ITA 27.3 | <p>The Tender documents will be prepared basically in accordance with the modified Standard Bidding Documents for the Procurement of Plant published by JICA.</p> <p>The General Conditions of Contract of the Tender documents will be prepared in accordance with FIDIC Conditions of Contract for Plant and Design Build 1999 (FIDIC Yellow Book).</p> |
| ITA 28 | <p>“JV” shall be replaced with Consortium/Joint Venture (JV).</p> <p>Applicable to changes to Detailed Design Consultants (DDC).</p> |

Section III. Qualification Criteria and Requirements

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| Eligibility and Qualification Criteria | | | Compliance Requirements | | | Documentation | |
|---|--|---|---------------------------------------|--|---------------------------------------|---------------|---|
| No. | Factor | Requirement | Single Entity | Consortium/Joint Venture (existing or intended) | | | Submission Requirements |
| | | | | All Parties Combined | Each Member | One Member | |
| 1. Eligibility | | | | | | | |
| 1.1 | Nationality | Nationality in accordance with ITA Sub-Clause 4.3 | Must meet requirement | N/A | Must meet requirement | N/A | Forms ELI – 1.1 and 1.2, with attachments |
| 1.2 | Conflict of Interest | No conflicts of interest in ITA Sub-Clauses 4.4, 4.5 and 4.6 | Must meet requirement | N/A | Must meet requirement | N/A | Application Submission Form |
| 1.3 | JICA Ineligibility | Not having been declared ineligible by JICA, as described in ITA Sub-Clause 4.7 | Must meet requirement | N/A | Must meet requirement | N/A | Application Submission Form ACK |
| 2. Historical Contract Non-Performance | | | | | | | |
| 2.1 | History of Non-Performing Contracts | Non-performance of a contract ⁽ⁱ⁾ did not occur as a result of contractor's default since 1 st January 2011. | Must meet requirement ⁽ⁱⁱ⁾ | N/A | Must meet requirement ⁽ⁱⁱ⁾ | N/A | Form CON – 2 |
| 2.2 | Pending Litigation | All pending litigation shall in total not represent more than 50 % of the Applicant's net worth and shall be treated as resolved against the Applicant. | Must meet requirement ⁽ⁱⁱ⁾ | N/A | Must meet requirement ⁽ⁱⁱ⁾ | N/A | Form CON – 2 |
| 2.3 | Litigation History | No consistent history of court/arbitral award decisions ^(iv) against the Applicant ⁽ⁱⁱⁱ⁾ since 1 st January 2008. | Must meet requirement ⁽ⁱⁱ⁾ | N/A | Must meet requirement ⁽ⁱⁱ⁾ | N/A | Form CON – 2 |
| Notes for the Applicant | | | | | | | |
| (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 | | | | | | | |

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | Documentation | |
|--|------------------------------|---|-------------------------|--|-----------------------|---------------|---------------------------------|
| No. | Factor | Requirement | Single Entity | Consortium/Joint Venture (existing or intended) | | | Submission Requirements |
| | | | | All Parties Combined | Each Member | One Member | |
| | | <p>contract, and</p> <p>(b) that were so challenged but fully settled against the contractor.</p> <p>Non-performance shall not include contracts where Employer’s decision was overruled by the dispute resolution mechanism. 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.</p> <p>(ii) This requirement also applies to contracts executed by the Applicant as a Consortium/JV member.</p> <p>(iii) The Applicant shall provide accurate information on the related Application Form about any litigation or arbitration resulting from contracts completed or on-going under its execution over the last five (5) years. A consistent history of awards against the Applicant or any member of a joint venture may result in failure of the Application.</p> <p>(iv) The occurrence of one (1) or two (2) adverse cases over five (5) years for a Contractor handling, on average, ten (10) construction jobs simultaneously, should not be a cause for rejection.</p> | | | | | |
| 3. Financial Situation | | | | | | | |
| 3.1 | Financial Performance | The audited balance sheets or, if not required by the laws of the Applicant’s country, other financial statements acceptable to the Employer, for the last five (5) years ending 31 st March 2013 shall be submitted and must demonstrate the current soundness of the Applicant’s financial position and indicate its prospective long-term profitability. As the minimum requirement, an Applicant’s net worth calculated as the difference between total assets and total liabilities should be positive. | Must meet requirement | N/A | Must meet requirement | N/A | Form FIN – 3.1 with attachments |

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | | Documentation |
|---|---|--|-------------------------|--|-----------------------------------|-----------------------------------|----------------------------|
| No. | Factor | Requirement | Single Entity | Consortium/Joint Venture (existing or intended) | | | Submission Requirements |
| | | | | All Parties Combined | Each Member | One Member | |
| 3.2 | Average Annual Construction Turnover | <p><u>For one (1) contract package,</u> Minimum average annual construction turnover of USD 175 million ⁽ⁱ⁾, calculated as total certified payments received for contracts of civil infrastructure works in progress and/ or completed, within the last five (5) years, divided by five (5) years, ending 31st March 2013.</p> <p><u>For two (2) contract packages,</u> The value of turnover above shall be replaced with USD 350 million ⁽ⁱ⁾.</p> | Must meet requirement | Must meet requirement | Must meet 25 % of the requirement | Must meet 40 % of the requirement | Form FIN – 3.2 |
| 3.3 | Liquidity Position | <p><u>For one (1) contract package,</u> The total amount, USD 90 million, of liquid assets and lines of credit for a period of eight (8) months during the duration of contract</p> <p><u>For two (2) contract packages,</u> The value of total amount above shall be replaced with USD 180 million.</p> | Must meet requirement | Must meet requirement | Must meet 25 % of the requirement | Must meet 40 % of the requirement | Form FIN – 3.3 |
| <p><u>Notes for the Applicant</u></p> <p>(i) 2 % compounded escalation per annum on US\$ term will be allowed for the first 4 years of turnover values given for this criteria.</p> | | | | | | | |

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | Documentation | |
|--|---|---|-------------------------|--|-----------------------|---------------|----------------------------|
| No. | Factor | Requirement | Single Entity | Consortium/Joint Venture (existing or intended) | | | Submission Requirements |
| | | | | All Parties Combined | Each Member | One Member | |
| 4. Experience | | | | | | | |
| 4.1 | General Construction Experience | Experience under construction contracts in the role of prime contractor (single entity or Consortium/JV member), subcontractor or management contractor ⁽ⁱ⁾ for at least the last ten (10) years, ending 31 st March 2013. | Must meet requirement | N/A | Must meet requirement | N/A | Form EXP – 4.1 |
| 4.2 (a) | Specific Construction Experience | <p><u>For one (1) contract package,</u> Total of twelve (12) km of tunnelling by TBM and six (6) underground stations from maximum three (3) number of distinct contracts of comparable nature and complexity ⁽ⁱⁱ⁾ of the proposed contract package including overall design co-ordination in Design & Build Contracts that have been successfully ⁽ⁱⁱⁱ⁾ completed as a prime contractor (single entity or Consortium/JV member) ^(iv) during the ten (10) years ending 31st March 2013</p> <p><u>For two (2) contract packages,</u> Total of twenty four (24) km of tunnelling by TBM and twelve (12) underground stations from maximum six (6) number of distinct contracts of comparable nature and complexity ⁽ⁱⁱ⁾ of the proposed contract package</p> | Must meet requirement | Must meet requirement ^(v) | N/A | N/A | Form EXP – 4.2 (a) |

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | Documentation | |
|--|--------|--|---|--|-------------|---------------|----------------------------|
| No. | Factor | Requirement | Single Entity | Consortium/Joint Venture (existing or intended) | | | Submission Requirements |
| | | | | All Parties Combined | Each Member | One Member | |
| | | and three (3) similar overall design co-ordination in Design & Build Contracts out of the six (6) that have been successfully ⁽ⁱⁱⁱ⁾ completed as a prime contractor (single entity or Consortium/JV member) ^(iv) during the period mentioned above. | | | | | |
| 4.2 (b) | | <p><u>For one (1) contract package</u>, For the above or other contracts completed as prime contractor (single entity or Consortium/JV member) ^(iv) or subcontractor ^(iv) during the five (5) years ending 31st March 2013, a minimum construction experience in the following key activities successfully completed ^(vi). Only the physically executed and completed works by the entity are accounted.</p> <p>For Category (I) Packages (Without NATM experience):</p> <p>a) Execution and completion of Metro Bored Tunnels by closed mode TBM method of at least five (5) km in total length and finished internal diameter of not less than 5m, below the local ground water table</p> <p>b) Execution and completion of at least one (1) underground rail station in conditions which are</p> | Must meet requirement (can be a specialist subcontractor) | Must meet requirement ^(vii) (can be a specialist subcontractor) | N/A | N/A | Form EXP – 4.2 (b) |

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | Documentation | |
|--|--------|--|-------------------------|--|-------------|---------------|----------------------------|
| No. | Factor | Requirement | Single Entity | Consortium/Joint Venture (existing or intended) | | | Submission Requirements |
| | | | | All Parties Combined | Each Member | One Member | |
| | | <p>partly or fully below the local ground water table, and with at least two (2) or more levels (platform and concourse) below the ground surface and excavated volume of not less than 70,000 cubic metres in the station.</p> <p>For Category (II) Packages:</p> <p>c) In addition to the criteria described above for Category (I) packages, Execution and completion of tunnels by NATM (mining method) of at least 500 metres in total length and of finished cross sectional area of not less than 30m², below the local ground water table.</p> <p><u>For two (2) contract packages,</u></p> <p>During the period mentioned above, minimum construction experience as prime contractor (single entity or Consortium/JV member) ^(iv) or subcontractor ^(iv) in the following key activities successfully completed ^(vi). Only the physically executed and completed works by the entity are accounted.</p> | | | | | |

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | Documentation | |
|--|--------|---|-------------------------|--|-------------|---------------|----------------------------|
| No. | Factor | Requirement | Single Entity | Consortium/Joint Venture (existing or intended) | | | Submission Requirements |
| | | | | All Parties Combined | Each Member | One Member | |
| | | <p>For Category (I) Packages (Without NATM experience):</p> <p>d) Execution and completion of Metro Bored Tunnels by closed mode TBM method of at least ten (10) km in total length and finished internal diameter of not less than 5m, below the local ground water table</p> <p>e) Execution and completion of at least two (2) underground rail stations in conditions which are partly or fully below the local ground water table, and with at least two (2) or more levels (platform and concourse) below the ground surface and excavated volume of not less than 70,000 cubic metres in each station.</p> <p>For Category (II) Packages:</p> <p>f) In addition to the criteria described above for Category (I) packages, Execution and completion of tunnels by NATM (mining method) of at least 1,000 metres in total length and of finished cross sectional area of not less than 30m², below the local ground water table.</p> | | | | | |

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | Documentation | |
|--|--------|-------------|-------------------------|--|-------------|---------------|----------------------------|
| No. | Factor | Requirement | Single Entity | Consortium/Joint Venture (existing or intended) | | | Submission Requirements |
| | | | | All Parties Combined | Each Member | One Member | |
| | | | | | | | |
| <p>Notes for the Applicant</p> <ul style="list-style-type: none"> (i) A management contractor is a firm which takes on the role of contract management as a “general” contractor of sort could do. It does not normally perform directly the construction work(s) associated with the contract. Rather, it manages the work of other (sub) contractors while bearing full responsibility and risk for price, quality, and timely performance of the work contract. (ii) The comparable nature and complexity shall be based on the physical size, complexity, methods/technology and/or other characteristics described in Section VI, Scope of Works. (iii) Successful completion shall be demonstrated with submission of Performance Certificate. (iv) The experience of only those members who will have at least 25% share in the overall work will be considered. (v) In case of consortium / JV, experience from previous contracts irrespective of percentage share as a consortium / JV member may be considered. (vi) Volume, number of production of any key activity can be demonstrated in one or more contracts combined if executed during same time period. (vii) Volume, number of production of any key activity can be demonstrated in one or more contracts combined among Consortium/JV if executed during same time period. | | | | | | | |

| 5. Detailed Design Consultant (DDC) | | | | | | | |
|--|--|---|-----------------------|-----------------------|-----|-----|----------------|
| 5.1 | Potential DDC | <p>A list of minimum three (3) potential Detailed Design Consultants (DDC) (i) proposed to be appointed on behalf of the Applicant</p> <p><u>For one contract package</u>, the successful contractor will be obliged to appoint a DDC from the list submitted during the PQ stage and approved by the Employer</p> <p><u>For two contract packages</u>, the successful contractor shall appoint DDC for each contract package separately.</p> | Must meet requirement | Must meet requirement | N/A | N/A | Form DDC – 5.1 |
| 5.2 (a) | Specific Design Experience of Potential DDC | <p>A minimum number of three (3) distinct contracts of comparable nature and complexity (ii) to the proposed contract package that have been successfully (iii) (iv) completed as a lead detailed design consultant during the ten (10) years ending 31st March 2013</p> | Must meet requirement | Must meet requirement | N/A | N/A | Form DDC – 5.2 |
| 5.2 (b) | | <p><u>For one (1) contract package</u>, For the above completed and under implementation Contracts as DDC during the five (5) years ending 31st March 2013, a minimum detailed design experience in the following key activities successfully completed (iv),</p> <p>For Category (I) Packages (Without NATM experience):</p> <p>a) Metro Bored Tunnels by closed mode TBM method of at least five</p> | Must meet requirement | Must meet requirement | N/A | N/A | Form DDC – 5.2 |

| | | | | | | | |
|--|--|---|--|--|--|--|--|
| | | <p>(5) km in total length and finished internal diameter of not less than 5m, below the local ground water table</p> <p>b) At least one (1) underground rail station in conditions which are partly or fully below the local ground water table, and with at least two (2) or more levels (platform and concourse) below the ground surface and excavated volume of not less than 70,000 cubic metres in the station.</p> <p>For Category (II) Packages:</p> <p>c) In addition to the criteria described above for Category (I) packages. Tunnels by NATM (mining method) of at least 500 metres in total length and of finished cross sectional area of not less than 30m², below the local ground water table</p> | | | | | |
|--|--|---|--|--|--|--|--|

Notes for the Applicant

- (i) It is not necessary for the DDC to be jointly and severally bound with the Applicant. However, the proposed DDCs must be separately listed in the Application and each of the DDC shall complete Form DDC – 5.2. It is not mandatory for these forms to be signed by the proposed DDCs, instead they may be signed by the Applicants.
- (ii) The comparable nature and complexity shall be based on the physical size, complexity, methods/technology and/or other characteristics described in Section VI, Scope of Works. Each contract shall include TBM tunnelling works and/or an underground station.
- (iii) Successful completion shall be demonstrated with submission of Performance Certificate.
- (iv) Volume, number of production of any key activity can be demonstrated in one or more contracts combined if executed during same time period.

Section IV. Application Forms

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Application Submission Form

Date: *[insert day, month, year]*
IFP No.: *[MM3-CBS-UGC-0913]*

To: The Managing Director, MMRC
MMRDA, Bandra Kurla Complex, Bandra (East), City: Mumbai
Post Code: 400 051
Republic of India”

We, the undersigned, apply to be prequalified for the following contract(s) for the Mumbai Metro Line 3 (Colaba-Bandra-SEEPZ).

- Category (I) Packages: (Pre-qualification application for one/two¹ Contract packages)

| Contract Number | Contract Name |
|-----------------|---------------------------------|
| MM3-CBS-UGC-03 | Contract Package MM3-CBS-UGC-03 |
| MM3-CBS-UGC-06 | Contract Package MM3-CBS-UGC-06 |

- Category (II) Packages²: (Pre-qualification application for one/two¹ Contract packages)

| Contract Number | Contract Name |
|-----------------|---------------------------------|
| MM3-CBS-UGC-01 | Contract Package MM3-CBS-UGC-01 |
| MM3-CBS-UGC-02 | Contract Package MM3-CBS-UGC-02 |
| MM3-CBS-UGC-04 | Contract Package MM3-CBS-UGC-04 |
| MM3-CBS-UGC-05 | Contract Package MM3-CBS-UGC-05 |
| MM3-CBS-UGC-07 | Contract Package MM3-CBS-UGC-07 |

(Note)

1. It is to be indicated by the applicant as to whether his pre-qualification application is for one or two Contract packages.
2. Delete if the applicant is not intending to apply for Category (II) packages.

We declare that:

- (a) We have examined and have no reservations to the Prequalification Documents, including Addendum(s) No(s)., issued in accordance with Instructions to Applicants (ITA) 7: *[insert the number and issuing date of each Addendum]*
- (b) We, including subcontractor, meet the eligibility requirements as stated in ITA 4.
- (c) We, including subcontractor, have no conflict of interest in accordance with ITA 4.
- (d) We, in accordance with ITA 22.1, plan to subcontract the following key activities and/or parts of the Works:

[insert any of the key activities identified in Section III- 4.2 (b) which the Applicant intends to

subcontract]

- (e) 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 tender for the contract subject of this prequalification, without incurring any liability to the Applicants, in accordance with ITA 24.
- (f) All information, statements and description contained in the Application are in all respect true, correct and complete to the best of our knowledge and belief.

Signed [insert signature(s) of an authorised representative(s) of the Applicant]

Name [insert full name of person signing the Application]

In the capacity of [insert capacity of person signing the Application]

Duly authorised to sign the Application for and on behalf of:

Applicant's name [insert full name of Applicant]

Address [insert street number/town or city/country address]

Dated on [insert day number] day of [insert month], [insert year]

[For a Consortium/JV, an authorised representative of the Consortium/JV shall sign, in which case the power of attorney to sign on behalf of all members shall be attached.]

Form ELI - 1.1

Applicant Information Form

Date: *[insert day, month, year]*

IFP No.: *[MM3-CBS-UGC-0913]*

Page *[insert page number]* of *[insert total number]* pages

| |
|---|
| Applicant's legal name <i>[insert full name]</i> |
| In case of a Consortium/JV, legal name of the representative member and each member: <i>[insert full name of each member in the Consortium/JV and specify the representative member.]</i> |
| Applicant's actual or intended country of registration: <i>[insert country of registration]</i> |
| Applicant's actual or intended year of incorporation: <i>[insert year of incorporation]</i> |
| Applicant's legal address in country of registration: <i>[insert street/ number/ town or city/ country]</i> |
| Applicant's authorised representative information Name: <i>[insert full name]</i> Address: <i>[insert street/ number/ town or city/ country]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers, including country and city codes]</i> E-mail address: <i>[insert E-mail address]</i> |
| 1. Attached are copies of original documents of <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, in accordance with ITA 4.3. <input type="checkbox"/> In case of a Consortium/JV, FORM M.O.U (See AF-22) to form Consortium/JV agreement, in accordance with ITA 4.2. 2. Included are the organisational chart, a list of Board of Directors, and the beneficial ownership. |

Form ELI - 1.2

Applicant's Party Information Form

[The following form is additional to Form ELI – 1.1., and shall be completed to provide information relating to each Consortium/JV member (in case the Applicant is a Consortium/JV) as well as any specialist subcontractor proposed to be used by the Applicant for any part of the Contract resulting from this prequalification]

Date: *[insert day, month, year]*
IFP No.: *[MM3-CBS-UGC-0913]*

Page *[insert page number]* of *[insert total number]* pages

| |
|--|
| Applicant's legal name: <i>[insert full name]</i> |
| Applicant's Party legal name: <i>[insert full name of Applicant's party]</i> |
| Applicant's Party country of registration: <i>[insert country of registration]</i> |
| Applicant's Party year of incorporation: <i>[insert year of incorporation]</i> |
| Applicant's Party legal address in country of registration: <i>[insert street/ number/ town or city/ country]</i> |
| Applicant's Party authorised representative information Name: <i>[insert full name]</i> Address: <i>[insert street/ number/ town or city/ country]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers, including country and city codes]</i> E-mail address: <i>[insert E-mail address]</i> |
| 1. Attached are copies of original documents of <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, in accordance with ITA 4.3. 2. Included are the organisational chart, a list of Board of Directors, and the beneficial ownership. 3. Attached are the copies of certificates of ISO 9001: 2001/2008 |

Form CON - 2 Historical Contract Non-Performance

[The following table shall be filled in by the Applicant and by each member of a Consortium/JV]

Date: *[insert day, month, year]*

Applicant's Legal Name: *[insert full name]*

Applicant's Party Legal Name: *[insert full name]*

IFP No.: *[MM3-CBS-UGC-0913]*

Page *[insert page number]* of *[insert total number]* pages

1. History of Non-Performing Contracts

| Non-Performing Contracts | | | |
|---|---------------------------------------|---|---|
| <input type="checkbox"/> Contract non-performance did not occur since 1 st January <i>[insert year]</i> , in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.1. | | | |
| <input type="checkbox"/> Contract(s) not performed since 1 st January <i>[insert year]</i> in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.1 as indicated below. | | | |
| Year | Non performed portion of contract | Contract Identification | Total Contract Amount (current value, currency, exchange rate and USD equivalent) |
| <i>[insert year]</i> | <i>[insert amount and percentage]</i> | Contract Identification: <i>[indicate complete contract name, number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for non performance: <i>[indicate main reason(s)]</i> | <i>[insert amount]</i> |

2. Pending Litigation

| Pending Litigation | | | | |
|---|--------------------------|---|---|--|
| <input type="checkbox"/> No pending litigation in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.2. | | | | |
| <input type="checkbox"/> Pending litigation in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.2 as indicated below. | | | | |
| Year of dispute | Amount in dispute | Outcome as Percentage of Net Worth | Contract Identification | Total Contract Amount (current value, currency, exchange rate and USD equivalent) |
| <i>[insert year]</i> | <i>[insert amount]</i> | <i>[insert percentage]</i> | Contract Identification: <i>[indicate complete contract name, number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Matter in dispute: <i>[indicate main issues in dispute]</i> Status of dispute: <i>[Indicate if it is being treated by the Adjudicator, under Arbitration or being dealt with by the Judiciary]</i> | <i>[insert amount]</i> |

3. Litigation History

| Litigation History | | |
|---|--|--|
| <input type="checkbox"/> No court/arbitral award decisions against the Applicant since 1 st January <i>[insert year]</i> , in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.3. | | |
| <input type="checkbox"/> Court/ arbitral award decisions against the Applicant since 1 st January <i>[insert year]</i> , in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.3 as indicated below. | | |
| Year of award | Contract Identification | Total Contract Amount (current value, currency, exchange rate and USD equivalent) |
| <i>[insert year]</i> | Contract Identification: <i>[indicate complete contract name, number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Matter in dispute: <i>[indicate main issues in dispute]</i> Party who initiated the dispute: <i>[indicate "Employer" or "Contractor"]</i> Status of dispute: <i>[indicate if it is being treated by the Adjudicator, under Arbitration or being dealt with by the Judiciary]</i> | <i>[insert amount]</i> |

Form FIN - 3.1 Financial Situation

[The following table shall be filled in by the Applicant and by each member of a Consortium/JV]

Date: *[insert day, month, year]*

Applicant's Legal Name: *[insert full name]*

Applicant's Party Legal Name: *[insert full name]*

IFP No.: *[MM3-CBS-UGC-0913]*

Page *[insert page number]* of *[insert total number]* pages

1. Financial data

| Type of Financial information in (currency) | Historic Information for Previous <i>five (5)</i> years (amount in currency, currency, exchange rate*, USD equivalent) | | | | |
|---|--|--------|--------|--------|--------|
| | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 |
| Statement of Financial Position (Information from Balance Sheet) | | | | | |
| Total Assets (TA) | | | | | |
| Total Liabilities (TL) | | | | | |
| Net Worth (NW) | | | | | |
| Current Assets (CA) | | | | | |
| Current Liabilities (CL) | | | | | |
| Information from Income Statement | | | | | |
| Total Revenue (TR) | | | | | |
| Profits Before Taxes (PBT) | | | | | |
| Profits After Taxes (PAT) | | | | | |

2. Financial documents

The Applicant and its members shall provide copies of financial statements for five (5) years pursuant to Section III, Qualifications Criteria and Requirements, Sub-Factor 3.1. The financial statements shall:

- (a) reflect the financial situation of the Applicant or in case of a Consortium/JV, of each member, and not of an affiliated entity (such as parent company or group member).
 - (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 are copies of financial statements** for the *[number of years]* years required above, and complying with the requirements.

* Refer to ITA 13.2 for the exchange rate.

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

Form FIN - 3.2

Average Annual Construction Turnover

[The following table shall be filled in by the Applicant and by each member of a Consortium/JV]

Date: *[insert day, month, year]*

Applicant's Legal Name: *[insert full name]*

Applicant's Party Legal Name: *[insert full name]*

IFP No.: *[MM3-CBS-UGC-0913]*

Page *[insert page number]* of *[insert total number]* pages

| Annual Turnover Data | | | |
|--|--|--|--|
| Year | Amount and Currency | Exchange Rate* | USD Equivalent |
| <i>[indicate year]</i> | <i>[insert amount and indicate currency]</i> | <i>[insert applicable exchange rate]</i> | <i>[insert amount in USD equivalent]</i> |
| | | | |
| | | | |
| | | | |
| | | | |
| Average Annual Construction Turnover ** | | | |

* Refer to ITA 13.2 for date and source of exchange rate.

** Total USD equivalent for all years divided by the total number of years. See Section III, Qualification Criteria and Requirements, Sub-Factor 3.2.

Form FIN - 3.3 Liquidity Position

[The following table shall be filled in for the Applicant and for each member of a Consortium/JV]

Date: *[insert day, month, year]*

Applicant's Legal Name: *[insert full name]*

Applicant's Party Legal Name: *[insert full name]*

IFP No.: *[MM3-CBS-UGC-0913]*

Page *[insert page number]* of *[insert total number]* pages

| Liquidity Position Data | | | | |
|--------------------------------|---------------------------------------|--|--|--|
| Month/Year | Source of Financing | Amount and Currency | Exchange Rate* | USD Equivalent |
| <i>[indicate month/year]</i> | <i>[indicate source of financing]</i> | <i>[insert amount and indicate currency]</i> | <i>[insert applicable exchange rate]</i> | <i>[insert amount in USD equivalent]</i> |
| | | | | |
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| | | | | |
| | | | | |

(Please extend this table as required)

* Refer to ITA 13.2 for date and source of exchange rate.

Applicants are required to submit a bank reference letter from a reputable commercial bank to the effect that such bank certifies the financial capability of the applicants to meet their financial obligation to perform the said contract and considers to issue a specific line of credit when and if the contract is awarded to the applicants.

[The following table shall be filled in by the Applicant and by each member of a JV.]

Form EXP -4.1 General Construction Experience

[The following table shall be filled in by the Applicant and by each member of a Consortium/JV]

Date: *[insert day, month, year]*

Applicant's Legal Name: *[insert full name]*

Applicant's Party Legal Name: *[insert full name]*

IFP No.: *[MM3-CBS-UGC-0913]*

Page *[insert page number]* of *[insert total number]* pages

[Identify contracts that demonstrate continuous construction work over the past ten (10) years pursuant to Section III, Qualification Criteria and Requirements, Sub-Factor 4.1. List contracts chronologically, according to their commencement (starting) dates.]

| General Construction Experience | | | |
|--|------------------------|---|---|
| Starting Year | Ending Year | Contract Identification | Role of Applicant |
| <i>[indicate year]</i> | <i>[indicate year]</i> | Contract name: <i>[insert full name]</i> Brief description of the Works performed by the Applicant: <i>[describe Works performed briefly]</i> Amount of contract (more than INR 50 Crs): <i>[insert amount in currency, mention currency used, exchange rate and USD equivalent*]</i> Name of Employer: <i>[indicate full name]</i> Address: <i>[indicate street/number/town or city/country]</i> | <i>[insert "Prime Contractor (single entity or Consortium/JV member)", "Management Contractor" or "Subcontractor".]</i> |
| | | | |
| | | | |
| | | | |

(Please extend this table as required)

* Refer to ITA 13.2 for date and source of exchange rate.

Form EXP - 4.2(a) Specific Construction Experience

[The following table shall be filled in for contracts performed by the Applicant, each member of a Consortium/JV.]

Date: *[insert day, month, year]*

Applicant's Legal Name: *[insert full name]*

Applicant's Party Legal Name: *[insert full name]*

IFP No.: *[MM3-CBS-UGC-0913]*

Page *[insert page number]* of *[insert total number]* pages

[Fill out one (1) form per contract.]

| Contract of Similar Size and Nature | | | |
|--|--|---|--|
| Similar Contract No. <i>[insert number] of [insert number of similar contracts required]</i> | Information | | |
| Contract Identification | <i>[insert contract name and Reference ID number, if applicable]</i> | | |
| Award Date | <i>[insert day, month, year, e.g., 15 June, 2015]</i> | | |
| Completion Date | <i>[insert day, month, year, e.g., 03 October, 2017]</i> | | |
| Role in Contract <i>[check the appropriate box]</i> | Prime Contractor | | |
| | Single entity <input type="checkbox"/> | Consortium/JV member <input type="checkbox"/> | |
| Total Contract Amount | <i>[insert total contract amount and currency(ies)]</i> | | USD <i>[insert exchange rate and total contract amount in USD equivalent]*</i> |
| If member in a Consortium/JV, specify participation in total Contract amount | <i>[insert a percentage amount]</i> | <i>[insert total contract amount and currency(ies)]</i> | USD <i>[insert exchange rate and total contract amount in USD equivalent]*</i> |
| Employer's Name: | <i>[insert full name]</i> | | |
| Address: | <i>[indicate street / number / town or city / country]</i> | | |
| Telephone/Fax Number: | <i>[insert telephone/fax numbers, including country and city area codes]</i> | | |
| E-mail: | <i>[insert E-mail address, if available]</i> | | |

| Similar Contract No. <i>[insert number] of [insert number of similar contracts required]</i> | Information |
|--|--|
| Description of the similarity in accordance with Sub-Factor 4.2(a) of Section III: | |
| 1. Physical Size of required works items | <i>[insert physical size of items]</i> |
| 2. Complexity | <i>[insert description of complexity]</i> |
| 3. Methods/Technology | <i>[insert specific aspects of the methods/ technology involved in the contract]</i> |
| 4. Other Characteristics | <i>[insert other characteristics as described in Section VI, Scope of Works]</i> |

* Refer to ITA 13.2 for date and source of exchange rate.

Form EXP - 4.2(b) Specific Construction Experience in Key Activities

Date: *[insert day, month, year]*
 Applicant's Legal Name: *[insert full name]*
 Applicant's Party Legal Name: *[insert full name]*
 Subcontractor's Legal Name: *[insert full name]*
 IFP No.: *[MM3-CBS-UGC-0913]*
 Page *[insert page number]* of *[insert total number]* pages

[Fill out one (1) form per contract.]

Key Activity No. (1) _____: *[insert brief description of the Activity, emphasising its specificity]*

Total Quantity of Activity under the contract: _____

| Contract with Similar Key Activities | | | |
|---|--|--|---|
| Item | Information | | |
| Contract Identification | <i>[insert contract name and number, if applicable]</i> | | |
| Award Date | <i>[insert day, month, year, e.g., 15 June, 2015]</i> | | |
| Completion Date | <i>[insert day, month, year, e.g., 03 October, 2017]</i> | | |
| Role in Contract <i>[check the appropriate box]</i> | Prime Contractor | | Subcontractor |
| | Single entity <input type="checkbox"/> | Consortium/JV member <input type="checkbox"/> | <input type="checkbox"/> |
| Total Contract Amount | <i>[insert total contract amount in local currency]</i> | USD <i>[insert Exchange rate and total contract amount in USD equivalent]*</i> | |
| Quantity (Volume, number or rate of production, as applicable) performed under the contract over the period. <i>[Insert extent of participation indicating actual quantity of key activity successfully completed in the role performed]</i> | Total quantity in the contract (i) | Percentage participation (ii) | Actual Quantity Performed (i) x (ii) |
| | | | |
| | | | |
| | | | |
| Employer's Name: | <i>[insert full name]</i> | | |

| | |
|-----------------------|--|
| Address: | <i>[indicate street / number / town or city / country]</i> |
| Telephone/Fax Number: | <i>[insert telephone/fax numbers, including country and city area codes]</i> |
| E-mail: | <i>[insert E-mail address, if available]</i> |

* Refer to ITA 13.2 for date and source of exchange rate.

2. Activity No. (2) _____

3. Activity No. (3) _____

Form DDC - 5.1 Detailed Design Consultant (DDC)

Date: *[insert day, month, year]*
 Applicant's Legal Name: *[insert full name]*
 Applicant's Party Legal Name: *[insert full name]*
 IFP No.: *[MM3-CBS-UGC-0913]*
 Page *[insert page number]* of *[insert total number]* pages

[The Applicant shall submit a list of minimum three (3) potential Detailed Design Consultants (DDC) proposed to be appointed on behalf of the Applicant. The data on their experience should be supplied in separate sheets using one Form DDC-5.2 for each candidate. The successful contractor will be obliged to appoint a DDC from the list submitted during the PQ stage.]

List of potential DDC

| Sl No. | Name of Detailed Design Consultant (DDC) |
|--------|--|
| | |
| | |
| | |
| | |
| | |

Form DDC - 5.2

Details of contracts of Similar Nature and Complexity

Name of Detailed Design Consultant (DDC)

Use a separate sheet for each contract.

| | | |
|-----|---|---------|
| 1. | Number of contract | Country |
| | Name of contract | |
| 2. | Name of employer | |
| 3. | Employer address | |
| 4. | Nature of works and special features relevant to the contract for which the Applicant wishes to prequalify. (Please use separate sheets if the space is insufficient) | |
| 5. | Consultancy role (tick one) Lead Consultant Consultant Sub-consultant | |
| 6. | Value in specified currencies at completion, or at date of award for current contracts, <ul style="list-style-type: none"> • Total Consultancy Amount: _____ (name of currency) • Sub- Consultancy Amount (if the role was sub Consultant): _____ (name of currency) • Responsible Consultancy Amount (if the role was partner in a joint venture): _____ (name of currency) _____ (percentage of share)% | |
| 7. | Equivalent value USD (please specify exchange rates) | |
| 8. | Date of award | |
| 9. | Date of completion | |
| 10. | Contract/Sub Consultancy duration (years and months) __ Years __ months | |
| 11. | Specified Requirements | |

| Pre-Qualification Parameters | | Description of the Contract Details to be filled in by the Detailed Design Consultant |
|------------------------------|---|---|
| TBM | Work executed partly or fully below the ground water table conditions | |
| | Use of Closed Mode Tunnel Boring Machines | |
| | Total Length of the Tunnel | |
| | Finished Internal Diameter of the Tunnel | |
| Underground Stations | Work executed partly or fully below the ground water table conditions | |
| | Excavation Depth | |
| | Excavation Volume | |
| | Traffic Management | |
| | Utility Diversion/ Protection | |
| NATM (mining methods)** | Work executed partly or fully below the ground water table conditions as described in ITA 1.3 | |
| | Total Length of the Tunnel | |
| | Finished Internal Cross Sectional area of the Tunnel | |

** In case applicant intends to apply for Category (II) packages

Form ACK

Acknowledgement of Compliance with Guidelines for Procurement under Japanese ODA Loans

A) I, *[insert name and position of authorised signatory]*, duly authorised by *[insert name of Applicant/ members of Consortium/joint venture "JV"]* (hereinafter referred to as "Applicant") hereby certify on behalf of the Applicant and myself that information provided in the Application submitted by the Applicant for Detailed Design and Construction of Underground Stations and Associated Tunnels of *ID-P 233 Mumbai Metro Line 3 (Colaba-Bandra-SEEPZ)* is true, correct and accurate to the best of my knowledge and belief. I further certify that on behalf of the Applicant that;

- (i) the Application has been prepared and submitted in compliance with the terms and conditions set forth in Guidelines for Procurement under Japanese ODA Loans (hereinafter referred to as "Guidelines"); and
- (ii) the Applicant has not taken any action which is or constitutes a corrupt, fraudulent, collusive or coercive 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 for more than one year by the World Bank Group since the commencement of the advertisement for prequalification.

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

B') I certify that the Applicant has been debarred by the World Bank Group BUT three (3) years have passed since such debarment decision, on the date of the advertisement for prequalification. The profile of the debarment is as follows;

| name of the debarred firm | starting date of debarment | ending date of debarment | reason of debarment |
|---------------------------|----------------------------|--------------------------|---------------------|
| | | | |

C) I certify that the Applicant will not make a subcontract with a firm which is debarred for more than one year by the World Bank Group, unless three (3) years have passed since such debarment decision on the subcontract date.

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

E) If any of the statement, as acknowledged above, proves to contradict the facts subsequently, or is not complied with, I have no objection as to whether (i) the Employer exercises any remedies, and/or (ii) JICA imposes sanctions against the Applicant.

Authorised SIGNATORY

For and on behalf of the Applicant

Date:

Form M.O.U

FORMAT FOR MEMORANDUM OF UNDERSTANDING (MOU)

(On Non – judicial stamp paper of Rs. 100/- if in India or such Equivalent document duly attested by notary public)

This Memorandum of Understanding (MOU) entered into this _____ day of _____ 2013 at _____

Among

M/s _____ (hereinafter referred as” _____ ”) and having office at _____, **Member of the First Part**

And

M/s _____ (hereinafter referred as” _____ ”) and having office at _____, **Member of the Second Part**

And

M/s _____ (hereinafter referred as” _____ ”) and having office at _____, **Member of the Third Part**

And

M/s _____ (hereinafter referred as” _____ ”) and having office at _____, **Member of the Fourth Part**

And

M/s _____ (hereinafter referred as” _____ ”) and having office at _____, **Member of the Fifth Part**

The members are individually referred to as **Member** and collectively as **Consortium / Joint Venture**.

WHEREAS Mumbai Metro Rail Corporation (MMRC) (herein after called “Employer”) has invited Pre-Qualification Applications from entities interested in Detailed Design and Construction of Underground Stations and Associated Tunnels of Mumbai Metro Line 3 (herein after referred to as the ‘Project’).

AND WHEREAS the Members have had discussions for formation of a Consortium / Joint Venture for bidding for the said Project and have reached an understanding on the following points with respect to the Members’ rights and obligations towards each other and their working relationship.

Form M.O.U

Page 2

IT IS HEREBY, AS MUTUAL UNDERSTANDING OF THE MEMBERS, AGREED AND DECLARED AS FOLLOWS:

1. That it is the intent of the Members to form a Consortium / Joint Venture specifically for participating in the Qualification process for taking up the said Project
2. That M/s _____ is the Lead Member of the Consortium / JV.
3. That all the Members of the Consortium / Joint Venture shall have the following share in the overall work for the said project

| Name of Members | % of share |
|-----------------------------------|------------|
| 1. M/s.----- (Lead Member) | |
| 2. M/s.----- | |
| 3. M/s.----- | |
| 4. M/s.----- | |
| 5. M/s.----- | |

4. That in case of our Consortium / Joint Venture being shortlisted, we shall be submitting our Technical & Financial Proposals when invited by the 'Employer'
5. That in case of award of the work to our Consortium / Joint Venture, we shall sign a detailed Consortium / Joint Venture Agreement amongst the Members of the Consortium / Joint Venture. We shall also register as a Company in accordance with the Companies Act-1956, if required as per the Indian law
6. That the Members shall carry out jointly & severally all the responsibilities in terms of the Contract Agreement signed between the Consortium / Joint Venture and 'Employer' in case of award.

Section V. Eligible Source Countries of Japanese ODA Loans

All Countries and Areas

PART 2 – Works Requirements

Section VI. Scope of Works

Contents

| | |
|-----------------------------------|---|
| 1. Description of the Works | 2 |
| 2. Construction Period | 6 |
| 3. Site and Other Data..... | 7 |

1. Description of the Works

- 1 The Mumbai Metro Rail Corporation Limited (MMRC) hereafter “The Employer” intends to pre-qualify agencies for the following contracts under this project :

1.1 Contract Package MM3-CBS-UGC-01

Ch. : -488 to Ch. : 3762 including four underground stations at Cuffe Parade, Vidhan Bhavan, Churchgate and Hutatma Chowk and associated bored tunnels together with two tunnel sidings at Cuffe Parade.

Locations of Stations are:

- Cuffe Parade Station: BMC Park (Taj Vivanta)
- Vidhan Bhavan Station : In between Nariman Point Fire Brigade Station and Vidhan Sabha Assembly Hall (Vidhan Bhavan Assembly)
- Churchgate Station: Jamshedji Tata Road (Eros Cinema Hall)
- Hutatama Chowk Station: Dadabhai Naoroji Road (Hutatma Statue)

1.2 Contract Package MM3-CBS-UGC-02

Ch.: 3762 to Ch.: 7811 including four underground stations at CST, Kalbadevi, Girgaon and Grant Road and associated bored tunnels.

Locations of stations are:

- CST Metro Station: Azad Maidan close to Mahapalika Marg (CST Railway Station)
- Kalbadevi Station: Jagannath Shankar Sheth Road (Parsi Temple)
- Girgaon Station: Jagannath Shankar Sheth Road (Maratha Mandir High School)
- Grant Road Station: Dadabhai Bhadkamkar Road (B. Ed. College, Gilger Tank Building)

1.3 Contract Package MM3-CBS-UGC-03

Ch.: 7811 to Ch.: 12868 including five underground stations at Mumbai Central, Mahalakshami, Science Museum, Acharya Atre Chowk and Worli and associated bored tunnels.

Locations of stations are:

- Mumbai Central Metro Station: Dr. Nair Marg (Mumbai Central Railway Station)
- Mahalakshami Metro Station: Sane Guruji Road (Jacob Circle)
- Science Museum Station: Dr. E Moses Road (Race Course)
- Acharya Atre Chowk Station: Dr. E Moses Road (B.M.C. Office)
- Worli Station: Dr. Annie Besant Road (Glaxo SmithKline Building)

1.4 Contract Package MM3-CBS-UGC-04

Ch.: 12868 to Ch.: 18976 including three underground stations at Siddhi Vinayak, Dadar and Shitaladevi and associated bored tunnels.

Locations of stations are:

- Siddhi Vinayak Station: BMC Ground (Siddhi Vinayak Temple)
- Dadar Station: Namdar Gopalkrushna Gokhale Road (Shiv Sena Bhavan)
- Shitaladevi Station: Lady Jamshedji Marg (Paradise Cinema)

1.5 Contract Package MM3-CBS-UGC-05

Ch.: 18976 to Ch.: 23900 including four underground stations at Dharavi, B.K.C. Vidya Nagari and Santa Cruz and associated bored tunnels together with two tunnel sidings at B.K.C.

Locations of stations are:

- Dharavi Station: Mahim Sion Link Road (Dharavi Hutment)
- B.K.C Station: B.K.C. Road (Income Tax Office)
- Vidyanagri Station: B.K.C. - F Block Road (Uttar Bharat Education Institute)
- Santa Cruz Station Western Express Highway (Wakola Flyover)

1.6 Contract Package MM3-CBS-UGC-06

Ch.: 23900 to Ch.: 28388) including three underground stations at CSIA Domestic Airport, Sahar Road and CSIA International Airport and associated bored tunnels.

Locations of stations are:

- CSIA Domestic Airport Station: CSIA Domestic Airport
- Sahar Road Station: Sahar Road (International Airport)
- CSIA International Airport Station: International Airport

1.7 Contract Package MM3-CBS-UGC-07

Ch.: 28388 to Ch.: 32367 including three underground stations at Marol Naka MIDC and SEEPZ and associated bored tunnels together with a ramp for the depot connection.

Locations of stations are:

- Marol Naka Station: Andheri – Kurla Road (MML1 Marol Naka Station)
- MIDC Station: Road No.7 – connecting Krantiveer Akhuji Salve Road(Sr. Police Colony & Vikroli Village Hutment Area)
- SEEPZ Station: Krantiveer Akhuji Salve Marg (SEEPZ Gate No. 1)

Note: The number of Contract packages and their Boundaries are tentative at this stage and the precise information on these will be included in the Tender documents.

- 2 The scope of work includes the design and construction of the civil works including Architectural finishes, Mechanical Electrical Plumbing (MEP) & Fire Fighting and Signage for the Tunnel and Underground stations mentioned above. Indicative

construction methodology will be outlined at time of tender. Tunnels will be constructed using boring machines and/or NATM (mining methods). Stations will be constructed using cut & cover methods and/or NATM (mining methods).

- 3 The following works are to be executed by other contractors with whom the Civil Contractor will have to coordinate all interface requirements. Making provisions for all these services shall be within the scope of Civil Contractor:
 - Track Work
 - Signalling & Telecommunications and PSD's
 - Rolling Stock
 - Tunnel Ventilation
 - HV Power Supply & Railway Electrification and Auxiliary Substations including SCADA
 - Lifts & Escalators
 - Automatic Fare Collection
- 4 The alignment of tunnels and underground stations for Mumbai Metro Line 3 is generally along arterial roads and temporary traffic arrangement and utility protection/diversion will need to be completed in stages before relevant construction work can commence. The alignment of the corridor crosses Mithi River and existing Sub-Urban Railway lines. Part of the alignment runs along the coastal area (sea), and through reclaimed lands.
- 5 In general the footprint of an underground station to be done by cut & cover method is approximately 285m by 24.5m (clear distances), and that of NATM (mining methods) stations is 255m by 32m (varying station to station based on width of carriage-way available and the station/tunnel configuration) with varied depth to accommodate two or more levels of concourse in stations below existing ground level.
- 6 It is envisaged that the sub-strata at the tunnel level will comprise mostly of rock with varying degree of weathering; closed mode Tunnel Boring Machines (TBM) will have to be deployed for tunnel construction in most sections. Stabling siding tunnels will have to be constructed by NATM (mining methods).
- 7 The Contract packages are divided into the following two categories for the purpose of the Pre-qualification of applicants:
 - **Category (I) Packages:** Contract packages involving construction of stations by cut & cover method with associated bored tunnels i.e. Contract Packages MM3-CBS-UGC-03 & 06
 - **Category (II) Packages:** Contract packages involving construction of stations both by cut & cover method and NATM (mining methods, tunnels having integrated platforms) with associated bored tunnels i.e. Contract Packages MM3-CBS-UGC-01, 02, 04, 05 & 07.

- 8** The expected completion time for each contract package is sixty (60) months. The contract will be a lump sum contract under FIDIC Conditions of Contract for Plant and Design Build 1999 (FIDIC Yellow Book). The tender documents will be based on modified Standard Bidding Documents under Japanese ODA loans, including their currency and securities provisions

2. Construction Period

The tentative construction period is sixty (60) months.

The detailed key dates will be described in the Tender documents.

3. Site and Other Data

1. Mumbai City Profile

The climate of Mumbai is a tropical wet and dry climate. The high temperature in Mumbai is approximately 30-33 degrees Celsius without changing dramatically throughout a year. Since Mumbai faces the Arabian Sea, it does not experience extremely high or low temperatures. It is different from Delhi located in an inland area. Due to the monsoon, it is in the period from June to September when Mumbai experiences a continuous spell of rainy weather. Almost all of the annual rainfall of about 2,200mm concentrates in this period. There is little rainfall from February to May and the temperature is the highest in this period.

2. Project Description

2.1 Outline of Project

As shown in red in Figure 1, the alignment of Mumbai Metro Line 3 spans approximately 32.5 kilometres from Colaba (Cuffe Parade) in the south through Bandra, ending within the Special Electronics Export Processing Zone (SEEPZ) in the north, and consists of 26 underground stations. A depot and one (1) at grade station are planned to be located in the northern end; they are not part of this PQ document.

Mumbai Metro Line 3 has 9 interchanges with other transportations (railways and bus depots) to complement each other. The maximum PHPDT forecast is 39,000 in 2025 and 42,000 in 2031. The designed capacity of the Metro line is 72,000 PHPDT.

The civil works of this project, except the depot, consist of seven (7) contract packages. Every package includes Design & Build of stations and tunnelling works and overall design co-ordination among other interfacing Contractors.

MMRC will procure civil Contractors for all packages at once.



Figure 1 Alignment of Mumbai Metro Line 3

2.2 Salient Features

The salient features of this project are shown in the table below.

Table 1 Salient Features

| Sr. NO. | Features |
|---------|--|
| 1 | Gauge (Nominal): 1435 mm |
| 2 | Route Length (Between Dead Ends) : Colaba-Bandra-SEEPZ – Underground approximately 32.5 km |
| 3 | No. of Stations: 26 stations |
| 4 | Design Speed: 90 kmph Max. Operating Speed:80 kmph |
| 5 | Traction Power System |
| | (a) Traction System voltage: 25kV AC |
| | (b) Source of Power Supply: OCS System |
| 6 | Rolling Stock |
| | (a) 3.20m wide with stainless steel or aluminium body |
| | (b) Maximum Axle Load: 17 tonnes |
| | (c) Length of the cars: 21.9 metres |

2.3 Other Information

- a) Access to site
Information on access to site is described in the Tender documents.
- b) Transportation, communications facilities and medical facilities
The Contractor shall procure transportation, communications facilities and medical facilities at his own responsibility.
- c) Land provided by the Employer
Temporary yard for construction and casting yard for segment lining provided by the Employer will be described in the Tender documents.
- d) Sites for Muck Disposal have been identified.

Qualification Evaluation Summary (Pass-Fail Criteria)

| Eligibility and Qualification Criteria | | | | Compliance Requirements | | | Pass-Fail Results of Applications | | | Comments/ Explanations |
|---|--|---|---------------------------------------|---|---------------------------------------|------------|-----------------------------------|---|-------|------------------------|
| No. | Factor | Requirement | Single Entity | Consortium/Joint Venture (existing or intended) | | | 1 | 2 | etc . | |
| | | | | All Parties Combined | Each Member | One Member | | | | |
| 1. Eligibility | | | | | | | | | | |
| 1.1 | Nationality | Nationality in accordance with ITA Sub-Clause 4.3 | Must meet requirement | N/A | Must meet requirement | N/A | | | | |
| 1.2 | Conflict of Interest | No conflicts of interest in ITA Sub-Clauses 4.4, 4.5 and 4.6 | Must meet requirement | N/A | Must meet requirement | N/A | | | | |
| 1.3 | JICA Ineligibility | Not having been declared ineligible by JICA, as described in ITA Sub-Clause 4.7 | Must meet requirement | N/A | Must meet requirement | N/A | | | | |
| 2. Historical Contract Non-Performance | | | | | | | | | | |
| 2.1 | History of Non-Performing Contracts | Non-performance of a contract ⁽ⁱ⁾ did not occur as a result of contractor's default since 1 st January 2011. | Must meet requirement ⁽ⁱⁱ⁾ | N/A | Must meet requirement ⁽ⁱⁱ⁾ | N/A | | | | |
| 2.2 | Pending Litigation | All pending litigation shall in total not represent more than 50 % of the Applicant's net worth and shall be treated as resolved against the Applicant. | Must meet requirement ⁽ⁱⁱ⁾ | N/A | Must meet requirement ⁽ⁱⁱ⁾ | N/A | | | | |

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | | Pass-Fail Results of Applications | | | Comments/ Explanations |
|--|---|--|---------------------------------------|-----------------------|---------------------------------------|-----------------------------------|-----------------------------------|--|--|------------------------|
| 2.3 | Litigation History | No consistent history of court/arbitral award decisions ^(iv) against the Applicant ⁽ⁱⁱⁱ⁾ since 1 st January 2008. | Must meet requirement ⁽ⁱⁱ⁾ | N/A | Must meet requirement ⁽ⁱⁱ⁾ | N/A | | | | |
| 3. Financial Situation | | | | | | | | | | |
| 3.1 | Financial Performance | The audited balance sheets or, if not required by the laws of the Applicant's country, other financial statements acceptable to the Employer, for the last five (5) years ending 31 st March 2013 shall be submitted and must demonstrate the current soundness of the Applicant's financial position and indicate its prospective long-term profitability. As the minimum requirement, an Applicant's net worth calculated as the difference between total assets and total liabilities should be positive. | Must meet requirement | N/A | Must meet requirement | N/A | | | | |
| 3.2 | Average Annual Construction Turnover | <u>For one (1) contract package,</u> Minimum average annual construction turnover of USD 175 million ⁽ⁱ⁾ , calculated as total certified payments received for contracts of civil infrastructure works in progress and/ or completed, within the last five (5) years, divided by five (5) years, ending 31 st March 2013. <u>For two (2) contract packages,</u> The value of turnover above shall be replaced with USD 350 million ⁽ⁱ⁾ . | Must meet requirement | Must meet requirement | Must meet 25 % of the requirement | Must meet 40 % of the requirement | | | | |

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | | Pass-Fail Results of Applications | | | Comments/ Explanations |
|--|---|--|-------------------------|--------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--|--|------------------------|
| 3.3 | Liquidity Position | <p><u>For one (1) contract package,</u> The total amount, USD 90 million, of liquid assets and lines of credit for a period of eight (8) months during the duration of contract</p> <p><u>For two (2) contract packages,</u> The value of total amount above shall be replaced with USD 180 million.</p> | Must meet requirement | Must meet requirement | Must meet 25 % of the requirement | Must meet 40 % of the requirement | | | | |
| 4. Experience | | | | | | | | | | |
| 4.1 | General Construction Experience | Experience under construction contracts in the role of prime contractor (single entity or Consortium/JV member), management contractor ⁽ⁱ⁾ or subcontractor for at least the last ten (10) years, ending 31 st March 2013. | Must meet requirement | N/A | Must meet requirement | N/A | | | | |
| 4.2 (a) | Specific Construction Experience | <p><u>For one (1) contract package,</u> Total of twelve(12) km of tunnelling by TBM and six (6) underground stations from maximum three (3) number of distinct contracts of comparable nature and complexity ⁽ⁱⁱ⁾ of the proposed contract package including overall design co-ordination in Design & Build Contracts that have been successfully ⁽ⁱⁱⁱ⁾ completed as a prime contractor (single entity or Consortium/JV member) ^(iv) during the ten (10) years ending 31st March 2013</p> <p><u>For two (2) contract packages,</u></p> | Must meet requirement | Must meet requirement ^(v) | N/A | N/A | | | | |

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | | Pass-Fail Results of Applications | | | Comments/ Explanations |
|--|--|---|---|--|-----|-----|-----------------------------------|--|--|------------------------|
| | | Total of twenty four (24) km of tunnelling by TBM and twelve (12) underground stations from maximum six (6) distinct contracts of comparable nature and complexity ⁽ⁱⁱ⁾ of the proposed contract package and three (3) similar overall design co-ordination in Design & Build Contracts out of the six (6) that have been successfully ⁽ⁱⁱⁱ⁾ completed as a prime contractor (single entity or Consortium/JV member) ^(iv) during the period mentioned above. | | | | | | | | |
| 4.2 (b) | | <p>For one (1) contract package, For the above or other contracts completed as prime contractor (single entity or Consortium/JV member) ^(iv) or subcontractor ^(iv) during the five (5) years ending 31st March 2013 , a minimum construction experience in the following key activities successfully completed ^(vi) . Only the physically executed and completed works by the entity are accounted.</p> <p>For Category (I) Packages (Without NATM experience):</p> <p>a) Execution and completion of Metro Bored Tunnels by closed mode TBM method of at least five (5) km in total length and finished internal diameter of not less than 5m, below the local ground water table</p> <p>b) Execution and completion of at least one (1) underground rail</p> | Must meet requirement (can be a specialist subcontractor) | Must meet requirement ^(vii) (can be a specialist subcontractor) | N/A | N/A | | | | |

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | | Pass-Fail Results of Applications | | | Comments/ Explanations |
|--|---------------|--|-------------------------|-----------------------|-----|-----|-----------------------------------|--|--|------------------------|
| | | <p>in total length and finished internal diameter of not less than 5m, below the local ground water table</p> <p>e) Execution and completion of at least two (2) underground rail stations in conditions which are partly or fully below the local ground water table, and with at least two (2) or more levels (platform and concourse) below the ground surface and excavated volume of not less than 70,000 cubic metres in each station.</p> <p>For Category (II) Packages:</p> <p>f) In addition to the criteria described above for Category (I) packages, Execution and completion of tunnels by NATM (mining methods) of at least 1,000 metres in total length and of finished cross sectional area of not less than 30m², below the local ground water table.</p> | | | | | | | | |
| 5. Detailed Design Consultant (DDC) | | | | | | | | | | |
| 5.1 | Potential DDC | <p>A list of minimum three (3) potential Detailed Design Consultants (DDC) (i) proposed to be appointed on behalf of the Applicant</p> <p><u>For one contract package,</u> The successful contractor will be obliged to appoint a DDC from the list</p> | Must meet requirement | Must meet requirement | N/A | N/A | | | | |

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | | Pass-Fail Results of Applications | | | Comments/ Explanations |
|--|--|--|-------------------------|-----------------------|-----|-----|-----------------------------------|--|--|------------------------|
| | | <p>submitted during the PQ stage and approved by the Employer.</p> <p><u>For two contract packages, The successful contractor shall appoint DDC for each contract package separately.</u></p> | | | | | | | | |
| 5.2 (a) | Specific Design Experience of Potential DDC | <p>A minimum number of three (3) distinct contracts of comparable nature and complexity ⁽ⁱⁱ⁾ to the proposed contract package that have been successfully ⁽ⁱⁱⁱ⁾ ^(iv) completed as a lead detailed design consultant during the ten (10) years ending 31st March 2013.</p> | Must meet requirement | Must meet requirement | N/A | N/A | | | | |
| 5.2 (b) | | <p>For the above completed and under implementation Contracts, as DDC during the five (5) years ending 31st March 2013, a minimum detailed design experience in the following key activities successfully completed;</p> <p>For Category (I) Packages (Without NATM experience):</p> <p>a) Metro Bored Tunnels by closed mode TBM method of at least five (5) km in total length and finished internal diameter of not less than 5m, below the local ground water table</p> <p>b) At least one (1) underground rail station in conditions which are partly or fully below the local ground water table, and with at least two (2) or more levels (platform and</p> | Must meet requirement | Must meet requirement | N/A | N/A | | | | |

