



MUMBAI METRO RAIL CORPORATION (MMRC)

(A JV company of Govt. of India and Govt. of Maharashtra)

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Bandra Kurla Complex, Bandra (East), Mumbai 400051, India.

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Invitation for Prequalification of bidders for Detailed Design, Engineering, Supply, Installation, Testing and Commissioning of Power Supply works including Receiving Substations, 110 kV Cabling works, Traction Substations, Auxiliary Main Substations, Switching Stations, SCADA System, and Integration with other Systems: Package : 11B

Date: 11th April 2016

Loan Agreement Number: [ID-P 233]

IFP Number: [MM3-CBS-PST-001/2015]

Addendum No: 3

Sr No	Description and Clause No	Amendment
1	Prequalification Data Sheet ITA 5.1 Page PDS-2	Replace “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 Nationalized / Scheduled Bank in favour of “Mumbai Metro Rail Corporation Limited” payable at “Mumbai” at the office address mentioned above.” With “The documents will be available for a non-refundable fee of INR 2,500/- or US\$38 (Inclusive of MH VAT) to be paid in the form of Demand Draft/Bankers Cheque from any Nationalized / Scheduled Bank in favour of “Mumbai Metro Rail Corporation Limited” payable at “Mumbai” at the office address mentioned above.”

Sr No	Description and Clause No	Amendment
2	Clarification of Prequalification Documents ITA 6.1 Page ITA-6 & Page PDS-3	<p>Replace</p> <p>“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.”</p> <p>With</p> <p>“The Employer will respond in writing to any request for clarification provided that such request is received no later than Twenty one (21) days prior to the deadline for submission of Applications.”</p>
3	Documents Establishing the Qualifications of the Applicant ITA 13.2 Page ITA-8 & Page PDS-3	<p>Replace the second paragraph of ITA 13.2</p> <p>“For Construction turnover or financial data required for each year – Exchange rate prevailing on the last day of the respective calendar year.”</p> <p>With</p> <p>“For Construction turnover or financial data required for each year – Exchange rate prevailing on the last day of the respective calendar year for the countries where the financial year ending on 31st December and for the countries where the financial year ending on 31st March, the Exchange rate prevailing on the 31st December of the preceding year.”</p>
4	Documents Establishing the Qualifications of the Applicant ITA 13.2 PDS, Page PDS-3	<p>Replace</p> <p>“The source for determining exchange rates is Reserve Bank of India/ State Bank of India.”</p> <p>With</p> <p>“The source for determining exchange rate is Reserve Bank of India reference rate (foreign currency). If the source of the exchange rate for the Bidder’s proposed currency cannot be found in the Reserve Bank of India reference rate (foreign currency), then with the Employer’s concurrence, the rate in the web site; www.xe.com may be used.”</p>
5	Subcontractors ITA 22.2 Page PDS-3	<p>Replace</p> <p>At this time the Employer does not intend to execute certain specific parts of the Works by subcontractors selected in advance (Nominated Subcontractors).</p>

Sr No	Description and Clause No	Amendment
		<p>With</p> <p>Specialised subcontractors will be permitted for certain specific components of work as mentioned in Section III. Qualification Criteria and Requirements 4.2(b) Specific Experience.</p>
6	<p>Documents Comprising the Application PDS ITA 10.1 (e) Page PDS-3</p>	<p>Replace</p> <p>“The Applicant shall submit with its Application, the following additional documents: NONE”</p> <p>With</p> <p>“The Applicant shall submit with its Application, the following additional documents:</p> <p>Form FIN-3.1, Form FIN-3.2 is duly filled shall be self-certified and certified by certified auditors/Chartered Accountants.</p> <p>Form FIN-3.3: Liquidity Position is duly filled and to be self-certified with supporting documents from the bank as per the format in page AF-14 of the Prequalification Document.</p> <p>Form EXP-4.1, Form EXP-4.2(a) and EXP-4.2(b) is duly filled shall be self-certified and supported by the necessary documents issued by the respective clients.”</p>
7	<p>Section III Qualification Criteria and Requirements Page QCR-5 3.1 Financial Performance</p>	<p>Refer Attachment No. 1 to Addendum No. 3 (Section III. Qualification Criteria and Requirements 3.1)</p>
8	<p>Section III Qualification Criteria and Requirements</p>	<p>Refer Attachment No. 1 to Addendum No. 3 (Section III. Qualification Criteria and Requirements 3.2)</p>

Sr No	Description and Clause No	Amendment
	Page QCR-5 3.2 Average Annual Turnover	
9	Section III Qualification Criteria and Requirements Page QCR-6 4.1 General Construction Experience	Refer Attachment No. 1 to Addendum No. 3 (Section III. Qualification Criteria and Requirements 4.1)
10	Section III Qualification Criteria and Requirements Page QCR-6 4.2 (a) Specific Construction Experience	Refer Attachment No. 1 to Addendum No. 3 (Section III. Qualification Criteria and Requirements 4.2 (a))
11	Section III Qualification Criteria and Requirements Page QCR-6 4.2 (b) Specific Experience	Refer Attachment No. 1 to Addendum No. 3 (Section III. Qualification Criteria and Requirements 4.2 (b))
12	Section IV – Application Forms Page AF-12 Form FIN - 3.2: Average Annual Design & Build	Refer Attachment No. 2 to Addendum No. 3 (Section IV – Application Forms Revised Form FIN - 3.2: Average Annual Construction Turnover)

Sr No	Description and Clause No	Amendment
	Construction Turnover	
13	Section IV – Application Forms Page AF-13 Form FIN-3.3 : Liquidity Position	Refer Attachment No. 2 to Addendum No. 3 (Section IV – Application Forms Revised Form FIN-3.3 : Liquidity Position)
14	Section IV Application Form Page AF-14 - Bank Format for Liquidity Position	<p>Replace</p> <p>“(Rs. Amount i.e XXX…….)</p> <p>With</p> <p>“(INR/USD/EURO/YEN i.e. XXX…….)</p>
15	Section IV – Application Forms Page AF-15 Form EXP - 4.1: General Construction Experience	Refer Attachment No. 2 to Addendum No. 3 (Section IV – Application Forms Revised Form EXP - 4.1: General Construction Experience)
16	Prequalification Data Sheet, ITA 6.1, Page PDS-3	<p>Replace</p> <p>“Telephone: +91 22 26384638”</p> <p>With</p> <p>“Telephone: +91 22 26597654”</p>

CONTRACT PACKAGE MM3-CBS-PST-001/2015 (11B)

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Factor	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Parties Combined	Each Member	One Member	
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 5 years <i>ending 31st March 2015 for the countries where the financial year ending on 31st March , or for the last 5 years ending 31st December 2015 for the countries where the financial year ending on 31st December</i> 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
3.2	Average Annual Turnover	The average annual construction turnover should be at least USD 38 million or equivalent thereof, calculated as total certified payments received for contracts in progress and/	Must meet requirement	Must meet requirement	Must meet 25% of the requirement	Must meet 40% of the requirement	Form FIN – 3.2

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Eligibility and Qualification Criteria			Compliance Requirements			Documentation	
No.	Factor	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Parties Combined	Each Member	One Member	
		or completed, within the last 5 financial years, divided by 5 years (ending 31 st March 2015 for the countries where the financial year ending on 31 st March, or for the last 5 years ending 31 st December 2015 for the countries where the financial year ending on 31 st December)					
3.3	Liquidity Position	The total amount, USD 8 million, of liquid assets and lines of credit during the duration of contract	Must meet requirement	Must meet requirement	Must meet 25% of the requirement	Must meet 40% of the requirement	Form FIN – 3.3

Notes for Applicant:

- (i) *To bring at par, Turnover values will be calculated by assuming 5% inflation per annum for Indian Rupees and 2% escalation per annum for foreign currency for first 4 years of Turnover values.*

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Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Factor	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Parties Combined	Each Member	One Member	
4. Experience							
4.1	General Construction Experience	Experience under General <i>Railway Systems</i> construction contracts in the role of prime contractor (single entity or JV member), subcontractor, or management contractor ⁽ⁱ⁾ for at least the last 5 years, ending 31 st December 2015.	Must meet requirement	N/A	Must meet requirement	N/A	Form EXP – 4.1
4.2 (a)	Specific Construction Experience	A minimum number of 2 similar ⁽ⁱⁱ⁾ contracts that have been satisfactorily and substantially ⁽ⁱⁱⁱ⁾ completed as a prime contractor (single entity or JV member) ^(iv) between 1st January 2006 and Application submission deadline.	Must meet requirement	Must meet requirement (v)	N/A	N/A	Form EXP – 4.2 (a)
4.2 (b)	Specific Experience	For the above or other contracts completed and under implementation as prime contractor (single entity or JV member), management contractor or subcontractor ^(vi) between 1 st January 2006 and Application submission deadline, a minimum construction experience in the following key activities (A+B+C) successfully completed ^(vii) ^(viii) :	Must meet requirement (can be a specialist subcontractor)	Must meet requirement (can be a specialist subcontractor)	N/A	N/A	Form EXP – 4.2 (b)

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Eligibility and Qualification Criteria			Compliance Requirements			Documentation	
No.	Factor	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Parties Combined	Each Member	One Member	
		<p>(A) Power Supply</p> <p>(1) RSS/TSS/AMS</p> <p>Design, Detailed Engineering, construction, testing and commissioning of at least two substations with primary voltage of 66 kV and above; <i>of which at least one substation should be with GIS technology. Also, at least one substation should be for Traction for 25KV secondary voltage, in the preceding 10 years (ending December 31, 2015).</i></p> <p>(2) Switching Stations</p> <p>Design, Detailed Engineering, construction, testing and commissioning of Switching Stations for traction at nominal voltage of 25 kV with use of GIS/AIS, in the preceding 10 years as under:</p> <p>One work of at least 7 <i>switching stations.</i></p> <p style="text-align: center;">Or</p>					

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Eligibility and Qualification Criteria			Compliance Requirements			Documentation	
No.	Factor	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Parties Combined	Each Member	One Member	
		<p>Two works of at least <i>5 switching stations</i> each</p> <p>Or</p> <p>Three works of at least <i>4 switching stations</i> each</p> <p>(B) SCADA System</p> <p>Design, Detailed Engineering, construction, testing and commissioning of SCADA for Traction and Auxiliary systems, including <i>compatible with</i> Digital Protection Control System (DPCS), on at least one metro/rail project of minimum 15 km, in the preceding 10 years (ending December 31, 2015).</p> <p>(C) 110 kV Cabling Works</p> <p>Design, Detailed Engineering, supply, installation, testing and commissioning of <i>double circuit three phase</i> insulated cables of 66 kV and higher including associated underground civil works as follows:</p> <p>One work of at least <i>5 Route km</i></p> <p>Or</p>					

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Eligibility and Qualification Criteria			Compliance Requirements			Documentation	
No.	Factor	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Parties Combined	Each Member	One Member	
		Two works of at least 3 <i>Route</i> km each Or Three works of at least 2 <i>Route</i> km each <i>Note: Specialized sub-contractor is permitted for Component (C) - 110 kV cabling works.</i>					
<u>Notes for the Applicant</u>							
<p>(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.</p> <p>(ii) The similarity shall be <i>defined as “A contract with one or more EHV substations of 30MVA Capacity and above, with and without SCADA system and or EHV cabling”</i>. Summation of number of small value contracts (less than the value specified under requirement) to meet the overall requirement will not be accepted.</p> <p>(iii) Substantial completion shall be based on 80% or more of the works completed under the contract.</p> <p>(iv) For contracts under which the Applicant participated as a JV member, only the Applicant’s share, by value, shall be considered to meet this requirement.</p> <p>(v) In case of a JV, the value of contracts completed by its members shall not be aggregated to determine whether the requirement of the minimum value of a single contract has been met. Instead, each contract performed by each member shall satisfy the minimum value of a single contract as required for single entity. In determining whether the JV meets the requirement of total number of contracts, only the number of contracts completed by all members, each of value equal or more than the minimum value required, shall be aggregated.</p>							

CONTRACT PACKAGE MM3-CBS-PST-001/2015 (11B)

Eligibility and Qualification Criteria			Compliance Requirements			Documentation	
No.	Factor	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Parties Combined	Each Member	One Member	
		(vi) For contracts under which the Applicant participated as a JV member or subcontractor, only the Applicant's share, by value, shall be considered to meet this requirement.					
		(vii) Volume, number or rate of production of any key activity can be demonstrated in one or more contracts combined if executed during same time period. The rate of production shall be the annual production rate for the key construction activity (or activities). For the rate of production, either the average during the entire period or in any one or more years during the period should be specified.					
		(viii) The minimum experience requirement for multiple contracts will be the sum of the minimum requirements for respective individual contracts.					
		(ix) <i>To bring at par, Contract work values will be calculated by assuming 5% inflation per annum for Indian Rupees and 2% escalation per annum for foreign currency for first 9 years of works values.</i>					

**Form FIN - 3.2
Average Annual Construction Turnover**

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

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

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

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

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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>
Year 1			
Year 2			
Year 3			
Year 4			
Year 5			
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 duly filled shall be self-certified and certified by certified auditors/Chartered Accountants.

Form FIN- 3.3: Liquidity Position

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

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

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

Joint Venture Party Legal Name: *[insert full name]*

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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>

- Liquid assets and unused Line of Credit

**Date of Exchange rate: 31-12-2015*

Source of Exchange rate: The source for determining exchange rate is Reserve Bank of India reference rate (foreign currency). If the source of the exchange rate for the Bidder's proposed currency cannot be found in the Reserve Bank of India reference rate (foreign currency), then with the Employer's concurrence, the rate in the web site; www.xe.com may be used.

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.

Form duly filled and to be self-certified with supporting documents from the bank as per the format in page AF-14 of the Prequalification Document.

CONTRACT PACKAGE MM3-CBS-PST-001/2015 (11B)

Form EXP - 4.1
General Construction Experience

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

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

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

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

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[Identify contracts that demonstrate continuous construction work for at least last five (5) years pursuant to Section III, Qualification Criteria and Requirements, Sub-Factor 4.1. List contracts chronologically, according to their commencement (starting) dates.]

General Railway System 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: <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 JV member)" or "Subcontractor" or "Management Contractor"]</i>

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

NB. Documentary evidence, issued by client, in support of experience is to be furnished.