

Pre-Qualification Queries of IFP No: MM3-CBS-PST-001/2015 (11B)  
Applicants Queries and Responses date 11<sup>th</sup> April 2016

Sr. No.	Clause No. / page No.	Clause Description in PQ Document	Applicant's Query	Response	Addendum
1.	Footnote (vii) & Form 4.2(b)	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 anyone or more years during the period should be specified	The Pre-Qualification requirement [4.2(b)] is for construction experience during last 10 years for key activity. The rate of activity is not specified as a requirement. However, the form specifies requirement on the basis of rate of production, which is not in line with the specified PQ criteria. We request to amend the form 4.2 (b) and delete the rows for year 1, year 2...	Prequalification conditions prevail.	
2.		Requirement 4.2	The Works Completed in last 10 years are qualified to meet the PQ criteria. The price of the works executed in past have to be adjusted to current price levels by factoring in the general inflation rates. This is a general practice in all Metro projects including DMRC We request you to allow suitable inflation rates to drive the current level of equivalent prices for the works executed in last 10 years.	To bring at par, Contract works 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 values.	Please Refer Addendum No.3
3.		(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,	Kindly confirm that if the members of JV/Consortium in any executed contract are same as members of JV/Consortium participating for the current PQ invitation, The value of work shall be aggregated to calculate the minimum value required to meet the criteria. This is acceptable criteria in all major Metro contracts including DMRC. Please confirm.	Prequalification conditions prevail.	

Pre-Qualification Queries of IFP No: MM3-CBS-PST-001/2015 (11B)  
Applicants Queries and Responses date 11<sup>th</sup> April 2016

Sr. No.	Clause No. / page No.	Clause Description in PQ Document	Applicant's Query	Response	Addendum
		<p>only the number of contracts completed by all members, each of value equal or more than the minimum value required, shall be aggregated.</p> <p>(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.</p>			
4.	Form 3.2 Average Annual Turnover & Form 3.2(b)	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/ or completed, within the last 5 years, divided by 5 years.	<p>The format for annual turnover, form 3.2 (b) specifies the turnover from Design &amp; Built construction contracts.</p> <p>Our company is involved in diverse infrastructure sectors and the audited financial statement of the company have the information about overall performance of the company including revenue from projects accounted as per the requirement of Accounting Standard 7 - construction contracts.</p> <p>The specific information regarding Design &amp; Build Construction contracts wherein annual construction turnover calculated as total certified payments received for contracts in progress and/or completed is specifically not available because we follow cost-to-cost method of accounting of revenue for construction contracts</p> <p>We therefore request you to amend the form and allow average annual turnover data as stated in financial results for the organization.</p>	Deleted (Design & Build Construction only) from Form 3.2.	Please Refer Addendum No. 3

Pre-Qualification Queries of IFP No: MM3-CBS-PST-001/2015 (11B)  
Applicants Queries and Responses date 11<sup>th</sup> April 2016

Sr. No.	Clause No. / page No.	Clause Description in PQ Document	Applicant's Query	Response	Addendum
5.	PART - I , Sec - III Page No. OCR-6 & 7, Clause 4.2 (b) A-(1)  Specific Experience (A) Power Supply (1) RSS/TSS/AMS	Design, Detailed Engineering, construction, testing and commissioning of at least two substations with primary voltage of 66 kV and above; and a nominal voltage of 25 kV for traction with use of GIS; along with associated civil/E&M works, in the preceding 10 years (ending December 31, 2015).  The above could be components of: One work of at least Rs. 145 crores  Or  Two works of at least Rs. 90 crore each.	Since Gas Insulated Switchgear (GIS) technology is same to any Railway or other large utility projects, the experience of GIS of 66 kV or above in large utility projects such as Thermal/ Nuclear power plant, Airport, Steel plants to be considered. We request to amend the clause 4.2 (b) A (1) as below. Suggested Text: 'Design, Detailed Engineering, construction, testing and commissioning of at least two substations with primary voltage of 66 kV and above; and a nominal voltage of 25 kV for traction with use of GIS or at least two substations with primary voltage of 66 kV and above for other utility projects with use of GIS; along with associated civil/E&M works, in the preceding 10 years (ending December 31, 2015) ....'	Description amended as "Design, Detailed Engineering, construction, testing and commissioning of at least two substations with primary voltage of 66 kV and above; 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).	Please Refer Addendum No. 3
6.	PART - I , Sec - III Page No. OCR-7, Clause 4.2 (b) A-(2)	Design, Detailed Engineering, construction, testing and commissioning of Switching Stations for traction at nominal voltage of 25 kV with use of GIS, in the preceding 10 years as under:  One work of at least Rs. 40 Crores Or  Two works of at least Rs. 25 crores each Or  Three works of at least Rs. 20 crores each	The value of switching stations alone in any metro/ Railway project is very small in a traction package. We believe that the sentence " The above could be components of:' is inadvertently omitted while defining the value of Work.  We request to add the sentence similar to RSS/TSS/AMS power supply value description as below. Suggested Text: 'Design, Detailed Engineering , ... .. Switching Stations for traction at nominal voltage of 25 kV	Description amended as "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:	Please Refer Addendum No. 3

Pre-Qualification Queries of IFP No: MM3-CBS-PST-001/2015 (11B)  
Applicants Queries and Responses date 11<sup>th</sup> April 2016

Sr. No.	Clause No. / page No.	Clause Description in PQ Document	Applicant's Query	Response	Addendum
			<p>with use of GIS, in the preceeding 10 years as under: The above could be component of: One work of at least Rs. 40 Crores Or Two works of at least Rs. 25 crores each Or Three works of at least Rs. 20 crores each ...</p>	<p>One work of at least 7 switching stations. Or Two works of at least 5 switching stations each Or Three works of at least 4 switching stations each Work of Switching Stations of above nos. can be part of bigger composite work.</p>	
7.	<p>PART - I , Sec - III Page No. QCR-8, Clause 4.2 (b) B</p> <p>Specific Experience (B) SCADA</p>	<p>Design, Detailed Engineering, construction, testing and commissioning of SCADA for Traction and Auxiliary systems, including 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>The SCADA system interfaces with Traction and Auxiliary systems through Remote Terminal Units (RTU) which in turn interface with the Control and Relay Panels which consists of protection relays and other IEDs for monitoring and control of the switchgear and the power network. Our understanding about 'Digital Protection Control System (DPCS)' is that the SCADA being offered should be the state of the art using 'Digital' Technology and not 'Analog'. As regards the 'Protection System', it is a part of control and Relay panels of the switchgear. Thus our understanding is that the SCADA should be able to interface with 'Protection and Control System' of the Switchgear and not be a part of SCADA itself. This is the standard scheme used in all Metros. Please confirm our understanding.</p>	<p>Description amended as "Design, Detailed Engineering, construction, testing and commissioning of SCADA for Traction and Auxiliary systems, including compatible with 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>Please Refer Addendum No. 3</p>

Pre-Qualification Queries of IFP No: MM3-CBS-PST-001/2015 (11B)  
Applicants Queries and Responses date 11<sup>th</sup> April 2016

Sr. No.	Clause No. / page No.	Clause Description in PQ Document	Applicant's Query	Response	Addendum
8.	4.2b A	<p>(A) Power Supply (1) RSS/TSS/AMS Design, Detailed Engineering, construction, testing and commissioning of at least two substations with primary voltage of 66 kV and above; and a nominal voltage of 25 kV for traction with use of GIS; along with associated civil/E&amp;M works, in the preceding 10 years (ending December 31, 2015). The above could be components of: One work of at least Rs 145 crores Or Two works of at least Rs. 90 crore each.</p> <p>(2) Switching Stations - Design, Detailed Engineering, construction, testing and commissioning of Switching Stations for traction at nominal voltage of 25 kV with use of GIS, in the preceding 10 years as under: One work of at least Rs. 40 Crores Or Two works of at least Rs. 25 crores each Or Three works of at least Rs. 20 crore</p>	<p>GIS is being built across world in different power supply and power distribution sectors, but very few are in the traction GIS requirement. Requested to remove the and a nominal voltage of 25 kV for traction with use of GIS.</p> <p>Switching stations of GIS type have not been proposed in Indian Railways. Please confirm the same is AIS.</p>	<p>Please refer response to Query at Sr. No 5.</p> <p>Please refer response to Query at Sr. No 6.</p>	<p>Please Refer Addendum No. 3</p> <p>Please Refer Addendum No. 3</p>

Pre-Qualification Queries of IFP No: MM3-CBS-PST-001/2015 (11B)  
Applicants Queries and Responses date 11<sup>th</sup> April 2016

Sr. No.	Clause No. / page No.	Clause Description in PQ Document	Applicant's Query	Response	Addendum
9.	4.2 A, QCR-6	(A) Power Supply (1) RSS/TSS/AMS Design, Detailed Engineering, construction, testing and commissioning of at least two substations with primary voltage of 66 kV and above; and a nominal voltage of 25 kV for traction with use of GIS; along with associated civil/E&M works, in the preceding 10 years (ending December 31, 2015). The above could be components of: One work of at least Rs. 145 crores Or Two works of at least Rs. 90 crore each.	<ol style="list-style-type: none"> <li>1. GIS is new concept and not much RSS/TSS/ASS are constructed, catering nominal Voltage of 25 kV as well.</li> <li>2. As in the Metro system or Other Electrical Utilities mostly GIS are not used.</li> <li>3. Requested to remove the and a nominal voltage of 25 kV for traction with use of GIS.</li> <li>4. We therefore propose for qualification purposes to allow the work experience of AIS - RSS/TSS/ASS being built across for different power supply and power distribution sectors.</li> <li>5. The Values mentioned to meet the Qualification requirement of Single/ Two / Three Work in this category may be replaced with KM of work Executed, the Values may be removed for Qualification purposes.</li> </ol>	Please refer response to Query at Sr. No 5.	Please Refer Addendum No. 3
10.	4.2 b A, QCR 6	(A) Power Supply (1) RSS/TSS/AMS Or Two works of at least Rs. 90 crore each. (2) Switching Stations - Design, Detailed Engineering, construction, testing and commissioning of Switching Stations for traction at nominal voltage of 25 kV with use of GIS, in the preceding 10 years as under: One work of at least Rs. 40 Crores Or Two works of at least Rs. 25 crores each Or Three works of at least Rs. 20 crore	<ol style="list-style-type: none"> <li>1. Switching stations are AIS type constructed in Main line Railways.</li> <li>2 we request you relax the mandatory qualification requirement of Switching station construction with GIS and allow bidder to qualify with Switching Station Construction of Main line Railways qualifications too. 3. The Values mentioned to meet the Qualification requirement of Single/ Two / Three Work in this category may be replaced with KM of work Executed, the Values may be removed for Qualification purposes.</li> </ol>	Please refer response to Query at Sr. No 6.	Please Refer Addendum No. 3

Pre-Qualification Queries of IFP No: MM3-CBS-PST-001/2015 (11B)  
Applicants Queries and Responses date 11<sup>th</sup> April 2016

Sr. No.	Clause No. / page No.	Clause Description in PQ Document	Applicant's Query	Response	Addendum
11.			<p>1. The scope of electrical work mentioned in IFP can be carried out by entities having experience in complete design, supply, erection, testing and commissioning on a turnkey basis of EHV substations/systems of 110KV and above.</p> <p>2. For a manufacturer who has recently secured approval of RDSO for electrical equipment, with the capability for system integration, and who is interested to take up turnkey electrical works including in railways &amp; metros, the presence of word 'Traction' restricts participation of such recently RDSO approved manufacturers with capabilities in this project.</p> <p>Taking into account these above points, we would like to make representation to allow participation of entities/groups with experience in EHV substation (GIS) &amp; cabling projects without specific requirement of having executed traction projects.</p>	Prequalification conditions prevail.	

Pre-Qualification Queries of IFP No: MM3-CBS-PST-001/2015 (11B)  
Applicants Queries and Responses date 11<sup>th</sup> April 2016

Sr. No.	Clause No. / page No.	Clause Description in PQ Document	Applicant's Query						Response	Addendum
12.	Section III. Qualification Criteria and Requirements 3.1 Financial Performance (pg QCR-5)	<p>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 shall be submitted and must demonstrate the current soundness of the Applicant's financial position and indicate its prospective long-term profitability.</p> <p>As the minimum requirement, an Applicant's net worth calculated as the difference between total assets and total liabilities should be positive.</p>	<p>We would request, that since the applicant/consortium is jointly &amp; severally responsible for the project delivery, the technical &amp; financial qualifications should be considered at the applicant/consortium (instead of each member) level itself, only in those instances where the Applicant comprises of a consortium of companies form the same group or are under common control , Hence we request the following amendment to the clause:</p>						For Compliance requirement Prequalification conditions prevail.	Please Refer Addendum No. 3
			Factor	Requirement	Single Entity	Joint Venture				
Financial Performance				The audited balance sheets or,.....long	Must meet requirements	Must meet requirements	Must meet requirement N/A	One member		



Pre-Qualification Queries of IFP No: MM3-CBS-PST-001/2015 (11B)  
Applicants Queries and Responses date 11<sup>th</sup> April 2016

Sr. No.	Clause No. / page No.	Clause Description in PQ Document	Applicant's Query	Response	Addendum
13.	Section II. PDA: ITA 22.2	At this time the Employer does not intend to execute certain specific parts of the Works by subcontractors selected in advance (Nominated Subcontractors).	In support of the "Make in India" initiative of the Indian Government and also to facilitate ease in maintenance and easy availability of spares, work and equipment should be manufactured in India. We therefore request that the works/contract should be allowed to be assigned/Novation and/or Subcontract to a local Indian company which is an affiliate that is directly or indirectly controlled, or is controlled by or are under common control with the applicant.	PDS ITA 22.2 modified.	Please Refer Addendum No. 3
14.	Section I. ITA 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 in accordance with ITA 4.2 shall not be considered	We request you that with reference to ITA 4.5, while computing the technical and financial capacity of the applicant, the technical and financial capacity of their partners and any of their affiliates that are directly or indirectly controlled, or are controlled by or are under common control with the firm should also be considered for the purpose of eligibility. Hence ,we propose the following amendment in this clause: "Generally, only the qualifications of the Applicant shall be considered. However, in particular, the qualifications i.e. general experience and financial resources of a parent or other affiliated company that is not party to the Applicant under a JV in accordance with ITA 4.2 shall not be considered. , with the provision of Parent Company Undertaking to be described in the RFP."	Prequalification conditions prevail.	
15.	Section IV. Application Forms Form FIN-3.1:	(a) reflect the financial situation of the Applicant or in case of a JV, of each member, and not of an affiliated entity	We request that clause be amended as follow: "reflect the financial situation of the Applicant or in case of a JV, of each member, and not /or of an affiliated entity (such as parent company or group	Prequalification conditions prevail.	

Pre-Qualification Queries of IFP No: MM3-CBS-PST-001/2015 (11B)  
Applicants Queries and Responses date 11<sup>th</sup> April 2016

Sr. No.	Clause No. / page No.	Clause Description in PQ Document	Applicant's Query	Response	Addendum
	2. Financial Documents, (a) (pg AF-11)	(such as parent company or group member).	member)."		
16.	PART - I , Sec - III Page No. OCR-6 & 7, Clause 4.2 (b) A-(1), Specific Experience (A) Power Supply(1) RSS/TSS/AMS	Design, Detailed Engineering, construction, testing and commissioning of at least two substations with primary voltage of 66 kV and above;  and a nominal voltage of 25 kV for traction with use of GIS;  along with associated civil/E&M works, in the preceding 10 years (ending December 31, 2015).  The above could be components of: One work of at least Rs. 145 crores  Or  Two works of at least Rs. 90 crore each.	The Gas Insulated Switchgear (GIS) technology at the primary voltage level for a metro / Railway project is started in recent years. The Experience of GIS at primary level could be considered for other utility projects such as Thermal/ Nuclear power plant, Airport, Steel plants, if required.  The required value mentioned for RSS/TSS/AMS is extremely high. As per JICA guideline and other JICA metro projects, the key activity 'RSS/TSS/AMS' should be based on quantity and not on the 'Financial Value' of key activity. Request to delete the 'Financial Value'.  In view of above we request to amend the clause as below.  Option-1 (Quantity Based and adding AIS at primary)  Suggested Text: 'Design, Detailed Engineering, construction, testing and commissioning of at least two substations with primary voltage of 66 kV and above with use of GIS / AIS; and a nominal voltage of 25 kV for traction with use of GIS ; along with associated civil/E&M works, in the preceding 10 years (ending December 31, 2015)'  If 'Financial Value' is mandatory, please consider below option.  Option-2 (Based on reasonable Financial Value and adding AIS at primary)	Please refer response to Query at Sr. No 5.	Please Refer Addendum No. 3

Pre-Qualification Queries of IFP No: MM3-CBS-PST-001/2015 (11B)  
Applicants Queries and Responses date 11<sup>th</sup> April 2016

Sr. No.	Clause No. / page No.	Clause Description in PQ Document	Applicant's Query	Response	Addendum
			<p>Suggested Text: 'Design, Detailed Engineering, construction, testing and commissioning of at least two substations with primary voltage of 66 kV and above with use of GIS / AIS; and a nominal voltage of 25 kV for traction with use of GIS ; along with associated civil/E&amp;M works, in the preceding 10 years (ending December 31, 2015)' The above could be components of: One work of at least Rs. 50 Cr or Two works of at least Rs. 35 Cr each. Option-3 (Not restricting to Metro Environment) Suggested Text: 'Design, Detailed Engineering, construction, testing and commissioning of at least two substations with primary voltage of 66 kV and above with use of GIS ; and a nominal voltage of 25 kV for traction with use of GIS or other voltages of utility projects with conventional switchgears; along with associated civil/E&amp;M works, in the preceding 10 years (ending December 31, 2015)' The above could be components of: One work of at least Rs. 120 Cr or Two works of at least Rs. 90 Cr each.</p>		
17.	PART - I , Sec - III Page No. OCR-7, 4.2 (b) A-2  Specific Experience	Design, Detailed Engineering, construction, testing and commissioning of Switching Stations for traction at nominal voltage of 25 kV with use of GIS, in the preceding 10 years as under:	The value of switching stations alone in any metro/ Railway project is very small in a traction package. The required value mentioned for Switching stations is extremely high. As per JICA guideline and other JICA metro projects, the key activity 'Switching stations' should be based on quantity and not on the 'Financial Value' of key activity.	Please refer response to Query at Sr. No 6.	Please Refer Addendum No. 3

Pre-Qualification Queries of IFP No: MM3-CBS-PST-001/2015 (11B)  
Applicants Queries and Responses date 11<sup>th</sup> April 2016

Sr. No.	Clause No. / page No.	Clause Description in PQ Document	Applicant's Query	Response	Addendum
	(2) Switching stations	<p>One work of at least Rs. 40 Crores Or</p> <p>Two works of at least Rs. 25 crores each Or</p> <p>Three works of at least Rs. 20 crores each</p>	<p>Request to delete the 'Financial Value'.</p> <p>Switching Stations experience should not be insisted for underground metro alone as the experience of elevated metro is similar in terms of technical specifications, equipment supply and functional requirements.</p> <p>In view of above we request to amend the clause as below.</p> <p>Option-1 (Quantity Based)</p> <p>Suggested Text:</p> <p>'Design, Detailed Engineering, Switching Stations for traction at nominal voltage of 25 kV with use of GIS, in the preceeding 10 years as under:</p> <p>One work of at least 4 switching stations (SS,SP,SSP) Or</p> <p>Two works of at least 3 Switching stations (SS,SP,SSP) each'</p> <p>If 'Financial Value' is mandatory, please consider below option.</p> <p>Option-2 (Based on reasonable Financial Value)</p> <p>Suggested Text:</p> <p>'Design, Detailed Engineering, .....Switching Stations for traction at nominal voltage of 25 kV with use of GIS, in the preceeding 10 years as under:</p> <p>One work of at least Rs. 12 Cr or</p> <p>Two works of at least Rs. 8 Cr each or</p> <p>Three works of at least Rs. 6 Cr each</p> <p>Option-3 (Quantity based and Not restricted to Underground Metro, hence adding AIS)</p> <p>Suggested Text:</p>		

Pre-Qualification Queries of IFP No: MM3-CBS-PST-001/2015 (11B)  
Applicants Queries and Responses date 11<sup>th</sup> April 2016

Sr. No.	Clause No. / page No.	Clause Description in PQ Document	Applicant's Query	Response	Addendum
			'Design, Detailed Engineering, Switching Stations for traction at nominal voltage of 25 kV with use of GIS /AIS, in the preceeding 10 years as under: One work of at least 6 switching stations (SS,SP,SSP) Or Two works of at least 4 Switching stations (SS,SP,SSP) each'		
18.	4.2 (b) Specific Experience	(A) Power Supply RSS/TSS/AMS Design, Detailed Engineering, construction, testing and commissioning of at least two substations with primary voltage of 66 kV and above; and a nominal voltage of 25 kV for traction with use of GIS; along with associated civil/E&M works, in the preceding 10 years (ending December 31, 2015). The above could be components of: One work of at least Rs. 145 crore Or Two works of at least Rs. 90 crore each. 2) Switching Stations - Design, Detailed Engineering, construction, testing and commissioning of Switching Stations for traction at nominal voltage of 25 kV with use of GIS, in the preceding 10 years as under: One work of at least Rs. 40 Crores Or Two works of at least Rs. 25 crores each Or Three works of at least Rs. 20 crores each (B) SCADA System Design, Detailed Engineering, construction, testing and commissioning of SCADA for Traction and Auxiliary systems, including	(A) Power Supply (1) RSS/TSS/AMS Design, Detailed Engineering, construction, testing and commissioning of at least two Substations with primary voltage of 66 kV and above; and a nominal voltage of 25 kV for traction/ Power transmission in the preceding 10 years (ending December 31, 2015).	Please refer response to Query at Sr. No 5, 6 & 7.	Please Refer Addendum No. 3

Pre-Qualification Queries of IFP No: MM3-CBS-PST-001/2015 (11B)  
Applicants Queries and Responses date 11<sup>th</sup> April 2016

Sr. No.	Clause No. / page No.	Clause Description in PQ Document	Applicant's Query	Response	Addendum
		<p>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 Design, Detailed Engineering, supply, installation, testing and commissioning of insulated cables of 66 kV and higher including associated underground civil works as follows:</p>	<p>(B) SCADA Design, Detailed Engineering, construction, testing and commissioning of SCADA equipment's for Traction/ Power Distribution/ Power Transmission Network.</p> <p>Design, Detailed Engineering, supply, installation, testing and commissioning of insulated cables of 33 kV and higher including associated underground civil works as follows:</p>	<p>(C) 100KV Cabling Works Description amended as "Design, Detailed Engineering, supply, installation, testing and commissioning of double circuit three phase insulated cables of 66 kV and higher including associated underground civil works as follows: One work of at least 5 Route km Or Two works of at least 3 Route km each Or Three works of at least 2 Route km each"</p>	<p>Please Refer Addendum No. 3</p>
19.	4.2 (b). Specific Experience	Design, Detailed Engineering, construction, testing and commissioning of Switching Stations for traction at nominal voltage of 25 kV with use of CIS, in the preceding 10 years as under	In certain countries the traction voltage is 1500 V DC and companies have executed projects for electric traction for Metro Rail/ Suburban rail network with incoming Voltage as 110 KV AC & traction voltage of 1500 V DC Please accord your acceptance.	Prequalification conditions prevail.	

Pre-Qualification Queries of IFP No: MM3-CBS-PST-001/2015 (11B)  
Applicants Queries and Responses date 11<sup>th</sup> April 2016

Sr. No.	Clause No. / page No.	Clause Description in PQ Document	Applicant's Query	Response	Addendum
20.	4.2 (b), Specific Experience	Design, Detailed Engineering, construction, testing and commissioning of Switching Stations for traction at nominal voltage of 25 kV with use of GIS, in the preceding 10 years as under	Our JV partner having experience as follows: 1. The Nominal voltage of traction is 33 kV. Kindly confirm the same meets prequalification	Prequalification conditions prevail.	
21.	ITA	ITA 4.3, 4.4, 4.5, 4.6, & 4.7	Some clauses like ITA 4.3, 4.4, 4.5, 4.6, & 4.7 ... etc., are missing in the downloaded tender document, kindly provide the same to enable us to scrutiny fully and submit.	ITA contains all the clauses.	
22.	3.1: Financial Performance	The audited balance sheets or, if not requirement by the laws of Applicants country, other financial statements acceptable to the Employer, the last 5 years shall be submitted and must demonstrate current soundness of the Applicant's financial position and indicate its prospective lone-term profitability. As the minimum requirement, an Applicant's net worth calculated the difference between total assets and liabilities should be positive.	The audited balance sheets if not required by the laws of the Applicant Country other financial statement acceptable to the Employer, for the 5 years shall submitted and must demonstrate the current soundness of Applicant's financial position indicate its prospective long-term profitability.  As the minimum requirement, an Applicant's (or) Joint Venture Company (or) Indian company recently established and having collaboration with Foreign Company's net worth calculated as the difference between total assets and total liabilities should be positive.	Prequalification conditions prevail.	
23.	3.2 Average Annual Turnover	The average annual construction turnover should be at least USD 38 million or equivalent thereof calculate as total certified payments received for contracts in progress and / or completed, within the last 5 years, divided by 5 years.	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 / or completed, Within the last 5 years, divided by 5 years (Joint Verdure Company (or) Indian company recently established having collaboration with Foreign Company credentials are acceptable).	Prequalification conditions prevail.	

Pre-Qualification Queries of IFP No: MM3-CBS-PST-001/2015 (11B)  
Applicants Queries and Responses date 11<sup>th</sup> April 2016

Sr. No.	Clause No. / page No.	Clause Description in PQ Document	Applicant's Query	Response	Addendum
24.	3.3 : Liquidity Position	The total amount, USD 8 million, Of liquid assets and lines of credit during duration of contract.	The total amount, USD 8 million, of liquid assets and lines or credit during the duration of contract (Joint Venture Company (or) Indian company recently established having collaboration with Foreign Company credentials are acceptable).	Prequalification conditions prevail.	
25.	4.2 (b): Specific Experience	4. Experience  (C) 110 kV Cabling Works:  Design, Detailed Engineering, supply, installation testing and commissioning of insulated cables of 66 kV and higher including associated underground civil works as follows: One work of at least 5 km (or) Two works of at least 3 km (or) Three works Of at least 2km each	(C) 110 kV Cabling Works:  Design, Detailed, Engineering, supply, installation testing and commissioning of insulated cables of 66 kV and higher including associated underground civil works as follows: One Work of at least 5km (or Two works of at least 3 km each (or) Three works of at least 2 km each  (or) Supply of at least 15 KM's (or) Joint Venture Company (or) Indian company established and collaboration with Foreign Company credentials are acceptable).	Description amended as "Design, Detailed Engineering, supply, installation, testing and commissioning of double circuit three phase insulated cables of 66 kV and higher including associated underground civil works as follows: One work of at least 5 Route km Or Two works of at least 3 Route km each Or Three works of at least 2 Route km each"	Please Refer Addendum No. 3