

CHENNAI METRO RAIL LIMITED

**PRE – QUALIFICATION
FOR
POWER SUPPLY SYSTEM AND
OVERHEAD EQUIPMENT
DESIGN AND BUILD**

QUERIES AND CLARIFICATIONS

CHENNAI METRO RAIL PROJECT

PHASE 1

CONTRACT NO. AEP-01

March 2010

Pre Qualification clarification meeting on Power Supply System and Over Head Equipment / Queries and Clarifications.

Contract - AEP-01

Date 04.03.2010

Sr. No.	Instruction to applicants Clause No.	AS PER PQ	CLARIFICATION/AMENDMENT SOUGHT FOR BY APPLICANT	CLARIFICATIONS
1	4.3 -2a) (i)	The Applicants shall have successful experience as prime contractors in the execution of Power Supply System design, Erection, Installation, Testing and Commissioning and complete integration of all Power Supply Systems and equipments in at least three projects of a comparable nature and complexity to the proposed metro rail project (Refer Para 1.3) in the last 10 years (ending between Oct 1, 1999 and Sept 30, 2009) with at least one project having been executed in the last 5 years (ending between October 1, 2004 and September 30, 2009).	<p><u>Comments:</u> In case applicant or member of the Group does not have in-house experience of Power Supply System qualification for the Power Supply Systems and equipment as stipulated, it will be required by the applicant to engage suitable experienced subcontractors having experience in system design for the Power supply systems & equipments with minimum experience in system design as mentioned above. The credentials, work experience of the proposed subcontractor and their MOU with applicant to participate in this tender should be submitted with this pre-qualification application failing which the pre-qualification may be rejected.</p>	<p>We agree that the applicants may engage subcontractor for:</p> <ul style="list-style-type: none"> - power supply and OHE system design services - SCADA - Rigid Conductors (Rigid Catenaries) <p>Sub contractors shall have experience in similar projects. Maximum 3 subcontractors per item can be proposed with their credentials for evaluation along with the PQ bid. If these subcontractor/s do not meet the criteria, the PQ bid will not be successful.</p> <p>The applicant must select one of the subcontractors proposed at PQ stage at the time of tender submission.</p> <p>Please refer addendum.</p>
2	4.3 -2b)	<p>Overhead Equipment (OHE):</p> <p>(i) Applicant shall have carried out design, construction, testing and commissioning of a minimum of 100 Km simple catenary with comparable features (as indicated in item 3 above) in the preceding 10 years (ending between October 1, 1999 to September 30, 2009).</p> <p>(ii) Applicant shall have carried out design, construction, testing and commissioning of a minimum of 5 Km Rigid Conductors (rigid catenaries) in the preceding 5 years (ending between October 1, 2004 and September 30, 2009)</p>	<p><u>Comments:</u></p> <p>(i) Design qualification for the flexible OCS and Rigid OCS and (ii) also for the supply, erection and erection supervision testing and commissioning of 25 kV Rigid OCS Traction Electrification system as stipulated above, it will be required by the applicant to engage suitable experienced sub-contractors having experience in designing and also for the supply erection, testing and commissioning of 25kV rigid OCS Traction Electrification system with minimum experience as mention above. The credentials, work and experience of the proposed subcontractor and their Memorandum Of Understanding with applicant to participate in this tender should be submitted with pre-qualification application failing which the prequalification application may be rejected.</p>	Please refer to Sr No 1
3	5.1 (a) ii)	Each of the other partners shall meet individually not less than 25 percent of the qualifying criteria given in paragraphs 4.3.1, 4.3.2a or 4.3.2b, and 4.6 above.	<p><u>Comments:</u> we understand that parent company forming a consortium with its subsidiary / group company will be evaluated as a whole for technical qualification and not as per individual qualification for paragraphs 4.3.1 , 4.3.2a or 4.3.2b and 4.6. kindly clarify and confirm this understanding</p> <p><u>Suggestions:</u> however, in view of the same we request the following statement should be added to clause 5.1 ii). In case a parent company (a company that owns enough voting stock in another firm to control management and operation by influencing or electing its Board of Directors) forms a Consortium with its group company / subsidiary company, then the consortium as a whole will be evaluated for the paragraph 4 (Qualification criteria)</p>	If a parent and its subsidiary both are part of JV, each of them will need to qualify separately as per the relevant criterion. No concessions would be given for a subsidiary.

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4	4.8 litigation history	Litigation History. The Applicant must provide accurate information on any litigation or arbitration resulting from contracts completed or ongoing over the last 10 years. A consistent history of awards against the Applicant or any partner of a joint venture may result in rejection of the application for prequalification.	<p><u>Comments:</u> we have variety of business activity and presence in various location in Europe, America and have regional companies around the world. Also we are bound by confidentiality obligation to disclose detailed information relating to pending ligations.</p> <p><u>Suggestions:</u> We request you to delete this clause . However a confirmation can be given that thee is no case is pending against the Company which may adversely affect the present Tender</p>	The applicant shall submit the litigation history pertaining to the power supply and overhead equipment system as requested in 4.8. Business lines unrelated to the scope of work need not be submitted.
5	4.6	Liquidity: The Applicant should demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means sufficient to meet the peak cash flow of USD 14 Million or equivalent there of (which is equivalent to four months peak cash flow), net of the Applicant's commitments for other contracts, during the entire contract period.	<p><u>Comments:</u> kindly confirm that the certificate from the Bank letterhead is sufficient to demonstrate the sufficient financial means to meet cash flow of USD 14 million</p>	We confirm that Bank letterhead is sufficient.
6	Letter of Application - 7 b, Page 20	We confirm that if we bid, that bid, as well as any resulting contract, will be: (b) Submitted with a joint venture agreement or consortium Memorandum of Understanding (MOU) providing the joint and several liabilities of all partners in the event the contract is awarded to us.	<p><u>Comments:</u> as per our understanding , internal MOU between the partners need not be submitted as this stage, same is required to be submitted at the later stage during bidding</p>	We accept your proposal. However, the application form 2b needs to be filled up by all partners and signed off by all.
7	5.1 (a) ii)	Each of the other partners shall meet individually not less than 25 percent of the qualifying criteria given in paragraphs 4.3.1, 4.3.2a or 4.3.2b, and 4.6 above.	<p><u>Comments:</u> As per this clause for JV/Consortia, Other partners shall meet not less than 25% of the qualifying criteria given in paragraphs 4.3.1, 4.3.2a or 4.3.2.b and 4.6 of the tender documents. Kindly clarify as to how the conditions of 4.3.2 will be divided for various components mentioned therein</p>	25% criteria is now applicable only to 4.3.1 and 4.6. Please refer addendum.
8	5.1 (a) ii)	Each of the other partners shall meet individually not less than 25 percent of the qualifying criteria given in paragraphs 4.3.1, 4.3.2a or 4.3.2b, and 4.6 above.	<p><u>Comments:</u> As per this clause, for JV/ Consortia, other partners shall meet not less than 25% of the qualifying criteria given in paragraphs 4.3.1, 4.3.2a or 4.3.2b and 4.6 of the tender documents . Since the value component of SCADA/DPCS is expected to be much less than 25% of the total, we request CMRL to allow SCADA/DPCS to meet the condition of 4.6 proportionate to the value share of their scope.</p>	Please refer to Sr No 1 and Sr No 7.
9	5.1 (a) ii)	Each of the other partners shall meet individually not less than 25 percent of the qualifying criteria given in paragraphs 4.3.1, 4.3.2a or 4.3.2b, and 4.6 above.	<p><u>Comments:</u> To ensure wider participation of the bidders, we request CMRL to exclude Clause 4.3.2 (a) iv) from the purview of clause 5.1 (a) ii) . Instead we suggest a support letter from a vendor meeting the requirements of Clause 4.3.2 (a) ii) be sufficient for pre- Qualification</p>	Please refer to Sr No 1

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10	4.3 -2a) (i)	The Applicants shall have successful experience as prime contractors in the execution of Power Supply System design, Erection, Installation, Testing and Commissioning and complete integration of all Power Supply Systems and equipments in at least three projects of a comparable nature and complexity to the proposed metro rail project (Refer Para 1.3) in the last 10 years (ending between Oct 1, 1999 and Sept 30, 2009) with at least one project having been executed in the last 5 years (ending between October 1, 2004 and September 30, 2009).	<u>Comments:</u> Kindly confirm whether Power Projects executed by the contractor including 132kV /220kV/400kV Switchyards Power Supply distribution Packages for Power Plants, Industrial Electrification Projects etc. would also be considered as acceptable by M/s CMRL.	We confirm that we will consider as project of 'a comparable nature and complexity' major power supply transmission and distribution projects including: - 110 kV and above voltage substations & 33 kV and above voltage Cable Laying works and - 25kV railway traction works. Please refer addendum.
11	4.3 -2a) (ii)	Applicant shall have carried out design, construction, testing and commissioning of at least one 110kV/33kV or one 110 kV/25kV Receiving Substation, including civil works, in the preceding 5 years (ending between October 1, 2004 and September 30, 2009).	<u>Comments:</u> Kindly confirm whether the substation Projects that are with higher ratings (like 400/220kV, 220/132kV, etc.) than the requirement of 110/33kV 33kV or 110/25kV executed by the Contractor, shall also be considered as acceptable by M/s. CMRL.	We confirm. Please refer addendum.
12	4.3 -2a) (iii)	Applicant shall have carried out design, construction, testing and commissioning of at least six 33kV/415V substations on one or several metro rail projects in the preceding 5 years (ending between October 1, 2004 and September 30, 2009).	<u>Comments:</u> Technically, a substation would be used for Power Distribution purpose (either in step up or in step -down configuration) and it can feed any plant, Equipment , system etc. that is rated suitably for that power applications. Hence , if a contractor has done a 33kV/415kV substation for metro rail application or for any other power within like Electricity boards or for any other infrastructure Projects like Airports, it is the same. Under the above circumstances, by specifically insisting for 33kV/415V substation experience in Metro Rail projects, the above clause is limiting the participation of major companies like M/s L&T who have got vast experience in all kind power distribution substations and projects. hence, we request you to amend the above clause (as below) by qualifying the bidders with experience in 33kV / 415V substations not limiting to Metro Railway projects, but also for other Power Projects. Applicant shall have carried out design, construction, testing and commissioning of at least six 33kV/415V substations on one or several metro rail projects in the preceding 5 years (ending between October 1,2004 and September 30,2009) or for any other power Utilities .	We agree but will request in that case that the applicant shall have carried out construction, testing and commissioning of at least six 33kV/415V substations on one or several metro rail projects in the preceding 5 years (ending between April 1,2005 and March 31,2010) or at least ten 33kV/415V substations for any other power Utilities or at least 50% of each of the above. Please refer addendum.

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13	4.3 -2a) (iv)	Applicant shall have carried out design, construction, testing and commissioning of SCADA, including Digital Protection Control System (DPCS), PLCs and ergonomic screen control panel designing, computing designing, on a minimum of 2 metro rail projects in the preceding 5 years (ending between October 1, 2004 and September 30, 2009).	<p><u>Comments:</u> As per this clause, very few parties only would get qualified as the qualifying requirement specifies that the parties should have executed the SCADA system works in minimum two metro rail projects Since the SCADA content is low, "SCADA" vendor having experience specific to metro rail projects, would not be easily available for JV/ consortium mode; Hence, we suggest that in case of bidders who do not have SCADA experience specific to Metro Rail Projects, would have an EXCLUSIVE TIE -UP with SCADA Vendor who qualify the above clause in toto and this tie-up would be by way of 'Deed of Agreement" or "MOU" exclusively with one bidder for the specific tender in preview. this way we are not diluting or attending the commit required from the SCADA Vender . Kindly confirm your acceptance for this arrangement</p>	Please refer to Sr No 1
14	4.3.2 a) and b)	Refer 4.3	<p><u>Comments:</u> As per this clause the Applicant shall have carried out design , construction , testing and commissioning of a minimum of 5 Km Rigid Conductors (rigid Catenaries0 in the preceding 5 years (ending between October 1,2004 and September 30, 2009) it is mentioned in the bid that Rigid Overhead Cattery system shall be installed for about 50 Tkm. we request you to modify the clause as follows: Applicant shall have carried and design , construction of a minimum of 15 km Rigid conductor 9 rigid catenaries) in the preceding 5 years (ending March 31, 2010) the Rigid Catenaries system (15 Tkm) should have been tested and commissioned before the submission of the main Power Supply System Tender</p>	<p>We agree to the clause 4.3 will be amended to allow ending up to 31st march 2010. But the starting date will now be April 1, 2005.</p> <p>Please refer addendum.</p>
15	4.4	<p>Personnel Capabilities. The Applicant must have suitably qualified personnel to fill the following positions. In Form 5, the Applicant will supply information on a prime candidate and on an alternate for each position; both people should meet the experience requirements specified below:'</p> <p>'The Applicant will be considered to pass this criteria if the resumes of a prime candidate and an alternate are provided for each position and meet or exceed the minimum number of years experience as required above'</p>	<p><u>Comments:</u> As per this the Project manager shall have 15 years total experience, in similar project 10 years, As manager of Similar project 5 years We request m/s.CMRL to clarify that experience on similar project shall aoso mean projects executed with similar scope of works for any client / power distribution Project, But not necessarily for Metro Rail Project alone.</p>	Please refer to Sr No 10 and addendum.

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16	4.5	<p>Internal Simulation or Testing Capabilities: The Applicant shall have simulation and testing equipments and facilities for full design checking and validation (through load simulation) and for testing of the subsystem once installed on site, for the Chennai Metro Rail contract. The Applicant shall own, or have assured access (through hire, lease, purchase agreement, availability of manufacturing equipment or other means) to the following key items of simulation / testing equipment in full working order, and must demonstrate that, based on known commitments, they will be available for use in the proposed contract.</p>	<p>As per this clause some of the testing equipment are listed to be owned by bidder or shall have assured access by the bidder. We wish to state that the equipments listed are manufacture based equipments and are used for factory testing purposes during the process of production. Normally site based testing and commissioning equipments such as primary Ingestion kit , secondary injection kit . oil filtration equipments are only required tube owned by the bidder and required tube demonstrated in the PQ Bid . we request M/SCMRL to clarify the same.</p>	<p>We confirm that the clause 4.5 remains and unaltered.</p>
17	5.1 a) (i) & (ii)	<p>Joint Ventures/ Consortia must comply with the following requirements: (a) Following are the minimum qualification requirements: i) The lead partner shall meet not less than 40 percent of the qualifying criteria given in paragraphs 4.3.1, 4.3.2a and 4.6 above. ii) Each of the other partners shall meet individually not less than 25 percent of the qualifying criteria given in paragraphs 4.3.1, 4.3.2a or 4.3.2b, and 4.6 above.</p>	<p>As per this Clause (i) the lead partner shall meet not less than 40 percent of the qualifying criteria given in paragraphs 4.3.1, 4.3.2a and 4.6 above and (ii). Each of the other partners shall meet individually not less than 25 percent of the qualifying criteria given in paragraphs 4.3.1,4.3.2a or 4.3.2b and 4.6 above. We request that lead partner also shall be allowed to meet the criteria 4.3.2a or 4.3.2b. Accordingly, kindly modify the clause (i) above as follows: i) the lead partner shall meet not less than 40 percent of the qualifying criteria given in paragraphs 4.3.1 , 4.3.2a or 4.3.2b and 4.6 above Further , as per clause no (ii), each of the other partners shall meet individually not less than 25% of the liquidity Requirement as given in paragraph 4.6, in addition to meeting the qualifying criteria given in Paragraphs 4.3.1 & 4.3.2a or 4.3.2b . We request you to kindly accept that in case the JV/Consortia Partner's works share is going to be less than 25% compared to the total project scope, then the other partner shall be avowed to meet the liquidity requirement in proportion to his scope division in the joint Ventrure / consortia . This relaxation in liquidity requirement , would help the JV Parties whose share is very limited compared to the total project scope Accordingly, we request you to modify the clause (ii) above as follows : ii) Each of the other partners shall meet individually not less than 25 percent of the qualifying criteria given in paragraphs 4.3.1 & 4.3.2a or 4.3.2b . also , each of the other partners shall meet individually in proportion to their scope of division in the joint Venture/Consortia. the Liquidity requirement as given in Paragraph 4.6 above .</p>	<p>The lead partner shall meet not less than 40 percent of the qualifying criterion given in paraphs 4.3.1 and 4.6 above and shall have an experience as prime contractor, in the last five years (ending between April 1, 2005 to March 31,2010), in power supply system erection/installation/testing and commissioning and complete integration of all power supply system and equipment in at least one project of comparable nature and complexity to the proposed metro rail project (refer para 1.3 of ITA) or major power transmission and distribution projects including 110 kV and above voltage substations and 33 kV and above voltage cable laying works . Please refer addendum.</p>
18	4.3.1	<p>1. The average annual turnover for works as prime contractor (defined as billing for works in progress or completed) over the last 5 financial years (i.e. financial years whose ending dates are between October 1, 2004 to September 30, 2009) of USD 78 million or the equivalent there of. Two percent (2%) escalation per annum on USD terms will be allowed for the first 4 years of turnover values given for this requirement.</p>	<p>We assume the general turnover mentioned is the sales turnover as per the published annual reports, because specific billing details of work in progress or completed can not be disclosed. Please clarify.</p>	<p>For Annual Turnover the applicant should submit the audited annual reports , we evaluate based on this documents for the financial capability of the applicant.</p>

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19	4.3.2 a)		Since the Metro Rail is a relatively new sector in India, Project references of the parent company/Group company/Associate company of the bidder should also be allowed. We are sure this would encourage and give chance to new players and would ultimately lead to healthy competition.	We confirm that we will allow parent company/Group company/Associate company to bid as a JV partner/Consortia but without any dilution to the JV/consortia and to JV requirements as per clause 5.1.
20	4.3.2. a) (i)	(i)The Applicants shall have successful experience as prime contractors in the execution of Power Supply System design, Erection, Installation, Testing and Commissioning and complete integration of all Power Supply Systems and equipments in at least three projects of a comparable nature and complexity to the proposed metro rail project (Refer Para 1.3) in the last 10 years (ending between Oct 1, 1999 and Sept 30, 2009) with at least one project having been executed in the last 5 years (ending between October 1, 2004 and September 30, 2009).	We assume that the projects done in India in Transmission and distribution sector would qualify as projects of comparable nature and complexity, can you please clarify that what projects will be qualified under this clause.	Please refer to Sr No 10
21	4.3.2. a) (ii)	(ii)Applicant shall have carried out design, construction, testing and commissioning of at least one 110kV/33kV or one 110 kV/25kV Receiving Substation, including civil works, in the preceding 5 years (ending between October 1, 2004 and September 30, 2009).	We would request CMRL to allow receiving Substations of 110kV/25kV or 110kV/33kV or 110kV above 33 kV.	Please refer to Sr No 11
22	4.3.2. a) (iv)	Applicant shall have carried out design, construction, testing and commissioning of SCADA, including Digital Protection Control System (DPCS), PLCs and ergonomic screen control panel designing, computing designing, on a minimum of 2 metro rail projects in the preceding 5 years (ending between October 1, 2004 and September 30, 2009).	We would request CMRL to allow SCADA projects done in transmission and distribution sector as qualified projects under this clause	We will consider the applicants experience on any major Infrastructure projects like Airport, Seaport, Power plants and Grid substations for Power Utility SCADA of not less than 3000 I/O points and for remote operation. Please refer addendum.
23	5.1.2. a) (ii)	Each of the other partners shall meet individually not less than 25 percent of the qualifying criteria given in paragraphs 4.3.1, 4.3.2a or 4.3.2b, and 4.6 above.	In case of para 4.3.2 a), we assume that if any of the 4 qualifications points given under this para are met then 25% of the qualifying criteria is fulfilled,please confirm.	Please refer to Sr No 7. Please refer addendum.
24	5.1.2. a) (iii)	The joint venture/consortium must collectively satisfy 100% of the criteria of paragraphs 4.3 through 4.6, for which purpose the vetted figures for each of the partners shall be added together to arrive at the joint venture's total capacity. Individual members must each satisfy the requirements of paragraphs 4.7, 4.8 and 4.9 above. Not more than one member of a JV/consortium can claim an identical previous works experience.	This point seems to be in contradiction to requirement given in cl 5.1.a) (ii), a JV/consortium must collectively satisfy 100% of para 4.3 to 4.6 that means that individual member need not necessary qualify on cl 5.1.a) (ii)	Please refer to Sr No 7. Please refer addendum.
25	Application form 3, 3rd para		Please define 'critical components of work'	Critical components of work are but not limited to the following: - power supply and OHE system design services - SCADA - Rigid Conductors (Rigid Catenaries)
26	General		Does the tender qualify as International Competitive Bid (ICB)? Please confirm.	We confirm that this tender qualifies as International Competitive Bid (ICB).

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27	Invitation para 8	Period from October 1, 2004 to September 30, 2009	We request you to replace period from October 1, 2004 to September 30, 2009 to calendar year (i.e. from January 1, 2004 to december 31, 2009) or the Financial Year (i.e. from April 1st, 2004 to March 31, 2010) as these are the typical financial periods of a company. The financial and technical dates is thus available for such time periods/complete year.	Please refer to Sr No 14
28	4.7 + other PQ section to check	<p>Profitability. The audited financial statements for the last five financial years (financial years whose ending dates are between October 1, 2004 and September 30, 2009) shall be submitted. Self certified financial statements for the last financial year will be accepted in case the audit has not been completed. But if prequalified, the firm would need to submit the audited statement as part of the bid. Where necessary, the Employer will make inquiries with the Applicant's bankers.</p> <p>In order to pre-qualify, cumulative profit before tax but after interest shall be positive for the last 5 financial years; OR Profit before tax but after interest shall be positive for any 3 years out of last 5 financial years.</p>	We request you to replace period from October 1, 2004 to September 30, 2009 to calendar year (i.e. from January 1, 2004 to december 31, 2009) or the Financial Year (i.e. from April 1st, 2004 to March 31, 2010) as these are the typical financial periods of a company. The financial and technical dates is thus available for such time periods/complete year.	<p>We agree to the clause 4.3.1 will be amended to allow ending up to 31st december 2009. The starting date would also be amended as January 1, 2005.</p> <p>Please refer addendum.</p>
29	4.3.2 a) (i) (ii) (iii) and 2 b) 2		We request that the members of the consortium collectively meet this criteria by using experience of one or more members of the consortium as may be the case but should not be applicable for all the members as there is already a requirement of joint and several that is to be agreed to by the members of the consortium.	Please refer addendum.
30	5.1 a) (i) (ii)		As requirement of the clause is very stringent and it will prevent the Indian companies/subsidiaries of international Railway Equipment/Electrification companies having desired experience to participate and offer their price competitive bids. Therefore, we request the requirement of clauses 4.3.2 a) and 4.3.2 b) to be met collectively by the members of the consortium and the individual requirements may be reviewed and deleted.	Please refer addendum.
31	4.3.2 a) (i)	(i)The Applicants shall have successful experience as prime contractors in the execution of Power Supply System design, Erection, Installation, Testing and Commissioning and complete integration of all Power Supply Systems and equipments in at least three projects of a comparable nature and complexity to the proposed metro rail project (Refer Para 1.3) in the last 10 years (ending between Oct 1, 1999 and Sept 30, 2009) with at least one project having been executed in the last 5 years (ending between October 1, 2004 and September 30, 2009).	The only Metro Rail constructed in India on 25 kV traction system is for Dehli Metro. There are very limited number of indian firms meeting the above requirement. However there are potential firms who have executed such complex Power Supply networks both in India and abroad for power transmission and distribution applications.	Please refer to Sr No 10

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32	4.3.2. a) (iii)	Applicant shall have carried out design, construction, testing and commissioning of at least six 33kV/415V substations on one or several metro rail projects in the preceding 5 years (ending between October 1, 2004 and September 30, 2009).	As the only rigid conductor system has also so far been commissioned in DMRC Phase-1, this credential is also not available with most of the Indian Contractors.	Please refer to Sr No 1 and Sr No 10
33	4.3.2. a) (iv)	Applicant shall have carried out design, construction, testing and commissioning of SCADA, including Digital Protection Control System (DPCS), PLCs and ergonomic screen control panel designing, computing designing, on a minimum of 2 metro rail projects in the preceding 5 years (ending between October 1, 2004 and September 30, 2009).	As SCADA is a specialized but smaller portions of the overall contract, SCADA manufacturers are also not very keen to share the joint and several responsibility for the complete project. SCADA manufacturers may also be permitted to associate with the Prime Bidders as nominated sub-contractor for which such firms will have to submit necessary letter of authorisation through Prime Bidders. The SCADA vendors will be free to offer their letters of authorisation to more than one Prime Bidder.	Please refer to Sr No 1
34	5.1.a) (i)	Joint Ventures/ Consortia must comply with the following requirements: (a) Following are the minimum qualification requirements: i) The lead partner shall meet not less than 40 percent of the qualifying criteria given in paragraphs 4.3.1, 4.3.2a and 4.6 above.	This would mean that all JV partners will be required to meet all the requirements as stated in the clauses 4.3.1, 4.3.2 a) and 4.6 or 4.3.1, 4.3.2 a) or 4.3.b and 4.6	Please refer addendum.
35	5.1.a) (ii)	Joint Ventures/ Consortia must comply with the following requirements: (a) Following are the minimum qualification requirements: ii) Each of the other partners shall meet individually not less than 25 percent of the qualifying criteria given in paragraphs 4.3.1, 4.3.2a or 4.3.2b, and 4.6 above.	This would mean that all JV partners will be required to meet all the requirements as stated in the clauses 4.3.1, 4.3.2 a) and 4.6 or 4.3.1, 4.3.2 a) or 4.3.b and 4.6	Please refer addendum.