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**KOLKATA METRO RAIL CORPORATION LTD.**  
(A JOINT VENTURE OF GOVERNMENT OF INDIA AND  
GOVERNMENT OF WEST BENGAL)

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No.KMRC/CE/S&T/PQ/AFC

DATED 4<sup>th</sup> May2010

Dear All,

**SUB: Pre-qualification process for the design, manufacture, supply, Installation,testing and  
commissioning of Automatic Fare Collection System for KOLKATA E-W METRO RAIL PROJECT and  
also training of personnel**

The queries received in response to above PQ Tender, were discussed in the Pre-Tender meeting held on 09.4.2010. KMRC's clarifications to the queries along with Addendum No.1 are ready for issuance.

It is requested to collect from this office/ download the following files attached herewith

- (i) Clarifications to the Tender queries.
- (ii) Tender Addendum No.1 (TA-1)

2. The revised schedule of submission and opening of Tenders shall be as given below:-

- (a) Venue: Conference Room of KMRC at HRBC Bhawan (5<sup>th</sup> floor), Munshi Premchand Sarani, Kolkata-70021
- (b) Last date of **submission of Tender** – **07.6.2010** (Upto 15.00 hrs)
- (c) Date and Time of **Opening of Tender** – **07.6.2010** at 15.30 hrs.

3. **“THESE CLARIFICATIONS & TENDER ADDENDUM NO.1 FORM AN INTEGRAL PART OF THE PQ DOCUMENT AND SHALL HAVE TO BE SUBMITTED ALONG WITH THE ORIGINAL TENDER PQ DOCUMENTS.”**

All other terms and conditions of the Tender shall remain unchanged.

With regards,

-Sd/-  
(G.G.Biswas)  
Chief Engineer(S&T)/KMRC  
Kolkata Metro Rail Corporation Limited

Sr.#	Volume	Section	Paragraph	pg.	Description	Queries	Clarifications	Modification on In main document
1			Article 3	1 & 11	KMRCL, hereinafter called 'the Employer' has obtained Loan from Japan International Cooperation Agency, hereinafter referred to as the JICA, for 45% of the cost of KOLKATA E-W METRO RAIL PROJECT,.....	Please clarify if Tender -AFC is fully covered by JICA fund or not.	AFC Work is fully covered under JICA Fund.	No
2			Article 1.5	11	International Applicants may be required to arrange for transfer of technology for system assembly, installation, maintenance and software customization / modification within a defined time frame. For this purpose the applicant may associate with local Firms experienced in requisite disciplines.	We understand that transfer of technology is not the Contractor's obligation in this tender, which please confirm.	Transfer of Technology is the Contractor's obligation.	No
3			Article 6.1	16	Eligibility criteria -Work Experience The individual or members of a Joint Venture/Consortium collectively should have successfully designed, manufactured, supplied, installed, tested and commissioned in the filed of contactless smart card and token based Automatic Fare Collection system including <b>Automatic Retractable Flap type Gate</b> , Ticket Office Machine, Passenger Operated Machine, Passenger Operated Ticket Vending Machine, Ticket Reader, Station Computer, Control Computer etc. on a Metro Rail / Rail system.	We understand that "Automatic Retractable Flap type Gate" includes "Japanese type retractable flap type gate"(the photo of this gate is as per attached), which please confirm.	Paddle Flap type Gate has been included. Please refer to the revised clause of Addendum 1.	Yes
4			Article 6.1 ( c )	16	At least one <b>central clearing house</b> commissioned and operational for at least 2 years ending 31. 12. 2009	As per Article 1.6.1(Page 12), central clearing house is not included in the work of this Tender. If it is not the Contractor's scope of work of this Tender, Please modify this condition as follows, "At least one Central Computer System (CCS) commissioned and operational for at least 2 years ending 31. 12. 2009"	CCHS is a complex computer system requirement.Whether it is done by KMRCL or other operator, the AFC vendor shall have the knowledge and expertise in integrating with CCHS system. Eligibility Criteria 6.1.c is modified as : 6.1.c Either atleast one Central Clearing House commissioned and operational for atleast 2 ( two ) years ending 31-12-2009 OR Integrated their AFC System with the Central Clearing House System of another operator and the system is in successful operation for atleast 2 ( two ) years ending 31-12-2009 AND	Yes
5			INITIAL FILTER OF APPLICANTS CHECKLIST No. 7 last paragraph	28	In the implementation of contactless smart card based Automatic Fare Collection System including <b>automatic retractable flap-type gates</b> , ticket office machines, passenger operated ticket vending machines, ticket readers, station computers, central computer etc. on a Metro Rail / Rail System.	We understand that "Automatic Retractable Flap type Gate" includes "Japanese type retractable flap type gate"(the photo of this gate is as per attached), which please confirm.	Paddle Flap type Gate has been included. Please refer to the revised clause of Addendum 1.	Yes
6			Section No.5 Remarks 2. last sentence	31	The financial statement should be signed by the Managing Director or Company Secretary of the respective company.	Please accept the financial statement signed by the auditor instead of Managing Director or Company Secretary of the company.	Proforma Section 5,item 2 remains unchanged. However information extracted from the annual financial statement and banking reference should be duly certified by the qualified chartered accountant.	No
7			NA	NA	NA	In case of Delhi Metro Phase II AFC project, DMRC decided to divide the contract into 2 packages – BS22A and BS22B to avoid the unnecessary tax problem. (i.e. BS22A for Off-shore design, manufacture and supply of AFC equipment and spares for 41 stations including central system. BS22B for local supplies, installation, testing and commissioning of AFC system for 19 stations including central system.) Is there a possibility to consider the same way?	Not a PQ related query	No
8			NA	NA	NA	Are there any submission documents which need to obtain the notarization? If so, please specify (specifically those need attestation from Indian Embassy)	Any document translated to English from any other language need to be notarized.	No
9			NA	NA	NA	Is the project under tax benefit scheme by the central / state government? If so, what kind of taxes are/will be exempted?	At present this Project is not under any Tax benefit scheme.	No
10		Part I	1.5	11 of 56	International Applicants may be required to arrange for transfer of technology for system –	What is the degree of transfer of technology and how and until when?	This will be elaborated in the bid	No
11		Part I	1.6.1	12 of 56	The AFC system of E-W Corridor shall be interfaced with the N-S –	Definition of interface is needed.	The Fare media shall be interoperable in both Metros and the revenue sharing shall be as per the business rules.	No
12		Part I	1.6.1	12 of 56	The AFC system of E-W Corridor shall be interfaced with the N-S –	If smart ticket shall be required to be made interoperable, KMRCL shall provide all related document before design stage to contractor as per enclosed annexure 1. What all information and documentation will be provided by KMRCL to the contractor for the purpose?	It will be the responsibility of the successful bidder to interface with N-S Metro AFC vendor. However KMRCL will provide overall co-ordination enabling them to interface.	No
		Annexure 1	Transaction data		Transaction data, Audit data, Status data, Alarm data format and detail description			
		Annexure 1	Operation data		- Operational data, Security data, Control data, Maintenance data format and detail description - Standard Error Code definition & Maintenance process guide			
		Annexure 1	Parameter data		- Parameter format and detail description (Fare, BL, etc)			
		Annexure 1	Report		All report layout or printed paper of SC, CS.	For operator convenience		
		Annexure 1	Ticket		- Operation process for each ticket type with ticket life cycle process (Issue, Sell, Recharge, Debit, Upgrade, Extension, Refund) - Ticket(Card/Token) memory map - Memory map R/W area definition for each ticket type - Ticket recovery process definition			
		Annexure 1	SAM		- SAM interface document - Operation process for each SAM type - Encryption/ Decryption process & configuration document			
13		Part I	1.6.1	12 of 56	The AFC system of E-W Corridor shall be interfaced with the N-S –	If the AFC system of the E-W corridor is to be interfaced with N-S corridor, then is there any provision in the current scope of work for CCHS regarding revenue sharing etc?	CCHS will be provided by N-S Metro.Revenue sharing is effected through CCHS	No
14		Part I	1.7	12 of 56	Design sub office in Kolkata	What is design sub-office? Please specify it to calculate the cost, if any.	Clause is self explanatory	No
15		Part I - General	1.8	12 of 56	Joint Venture, Consortium	What can be the maximum no. of consortium partners?	Number of JV/Consortium members is not restricted.	No

Sr.#	Volume	Section	Paragraph	pg.	Description	Queries	Clarifications	Modification In main document
16		Part I - General	3.3.1	12 of 56	Assessment Topics	What can be the maximum no. of consortium partners?	Number of JV/Consortium members is not restricted.	No
17		Part II - Evaluation Criteria	1.8	20 of 56	Joint Venture, Consortium	If a foreign company is qualifying all conditions as lead bidder, the local subsidiary company which is a wholly owned by parent company in foreign will also be qualified as a consortium partner (as local company) based on parent company experience and guarantee? Please confirm.	The Company who meets the qualifying criteria shall only be considered eligible. Local subsidiary company as consortium partner also shall have to meet all the qualifying criteria on its own independently as stipulated	No
18		Part II - Evaluation Criteria	3.3.1	20 of 56	Assessment Topics	If a foreign company is qualifying all conditions as lead bidder, the local subsidiary company which is a wholly owned by parent company in foreign will also be qualified as a consortium partner (as local company) based on parent company experience and guarantee? Please confirm.	The Company who meets the qualifying criteria shall only be considered eligible. Local subsidiary company as consortium partner also shall have to meet all the qualifying criteria on its own independently as stipulated	No
19			6.1 (c)	16 of 56	<b>Eligibility Criteria</b> At least one central clearing house commissioned and operational for at least 2 (two) years ending 31.12.2009	From the summary of the AFC system requirements detailed under section 1.6.1, we do not see any requirements for a central clearing house. Accordingly in the Eligibility Criteria, Section 6.1 (c), may we suggest that the words "central clearing house" be replaced by the words "central computer system" as in our opinion the latter seems to be more relevant to the scope of the AFC tender to be issued. "	Eligibility Criteria modified as below: 6.1.c Either atleast one Central Clearing House commissioned and operational for atleast 2 (two) years ending 31-12-2009 OR Integrated their AFC System with the Central Clearing House System of another operator and the system is in successful operation for atleast 2 (two) years ending 31-12-2009 AND	Yes
20						Will the new AFC system have any integrations with the existing fare collection back end system	AFC of KMRCL will integrate with AFC of N-S Metro	No
21						Do you plan to extend this system to buses in the future?	Yes, in future	No
22						Do you plan to use this smart card system for other utilities payments & shopping?	Yes	No
23			Application Form B: JV/Consortium agreement			To avoid misunderstanding is it possible to: 1- <b>replace the words given in the format as follows:</b> Para. 1: "Execute" in lieu of "legalize"; Para. 2: "Leader firm" in lieu of "Sponsor firm" Para. 3: "Joint Venture / Consortium" in lieu of "their group"; 2- <b>delete</b> Para. 5: an association <b>Ques 1:</b> Does a change of percentage of each member in the consortium result in a change in composition / constitution? <b>Ques 2:</b> Do you agree, that in case of consent to a change in composition / constitution, the additional member, if any, can become a member of the consortium?	Para. 1: No change Para 2: Agreed Para 3: Agreed Para 5: May be omitted Ques 1: Mere change of percentage participation only may not result in a change in composition/ constitution, subject to fulfilling all the qualification criteria as per tender condition by each member. However such change of % participation shall be specifically brought out in the main tender. 2: Refer to Clause 1.8.1  Please see the Tender Addendum 1.	Yes
24		Part I – GENERAL	1.6.1 (last point)	12 of 56	The AFC system of E-W Corridor shall be interfaced with the N-S corridor AFC system.	You will appreciate that to fulfil this task, technical details viz. software protocol etc. related to the existing N-S line will be required. How do KMRCL plan to impart this information?	It will be the responsibility of the successful bidder to interface with N-S Metro AFC vendor. However KMRCL will provide overall co-ordination enabling them to+K8 interface.	No
25			1.8	12	.....The <b>non-engineering turnkey management firms</b> may also be members of the joint venture or consortium (Group) along with the designers and manufacturers.....	What is the meaning of "Non-engineering turnkey management firm"?	The Clause is self explanatory	No
26			4.4	14	If AFC Tender is awarded to a combination of commercial entities, as discussed in sub-section 1.8, each member thereof will be jointly and severally liable for the whole performance of the contractual obligations. Joint and several <b>performance guarantees</b> may be required from the <b>ultimate owning companies of a tenderer or of each member thereof</b> . Successful PQ tenderer will have to pay a "Tender Security" while participating in the main AFC tender. The amount will be mentioned in the main tender document	1. Is the <b>Performance Guarantee</b> mentioned here is the <b>Performance Bank Guarantee</b> (PBG) normally asked for at the main tender stage? 2. In the case of JV/Consortium it is understood that one PBG from the nominated lead member will be sufficient. Is our understanding correct?	1 & 2: .Performance Guarantee in the form of a bank guarantee needs to be submitted by the Contractor after issue of Letter of Acceptance as per stipulation of the main tender..	No
27		Part II – Evaluation Criteria	Clause 3.1 & 3.2			If during evaluation at the PQ stage (Stage 1 & 2), one/more company/ies of the forecasted JV is/are not qualified, can the balance companies who are qualified, be automatically qualified to form a consortium and authorized to answer to the bid?	Lead member along with all members of the JV/Consortium must satisfy the minimum eligibility criteria for Financial and Technical aspects as per PQ Tender stipulation otherwise JV/Consortium will be disqualified.	No
28			5. Assessment Topics and scoring weightage		T1: Working Capital, Liquidity and Bankers References: It is necessary that the firm in case of JV, can withstand the Cash Flow criterion that the contract will require until payment is received from Employer. It should satisfy collectively by adding the figures for each partner individually, the lead partner meeting not less than 40% of the requirement, and by the other partner not less than 25% each. Liquidity, therefore, becomes an important consideration. The line of credit to be issued by the bank, as explained later in this Clause, must satisfy this percentage and total liquidity criteria. This can be seen from the balance sheets and from the banking reference (if required). Net current assets {(Current assets + loans & advances) – (current liabilities + provision)}, documents including banking reference(if any) should show that the applicant has access to or has available liquid assets, or lines of credit and other financial means to meet cash flow of INR 80 million (USD 1.6 Million) or 6 months cash flow for this contract, whichever is higher, net of applicant's commitments for other Contracts. However, Banking reference (whenever required) should contain in clear terms that in case LOA is issued to the applicant, Bank will consider the issuance of a specific line of credit of INR 80 million for this work to the applicant. Adequate liquidity (PASS) = Not less than 80 million INR of which Lead JV Partner shall not be less than 40%, and Each other JV Partner shall not be less than 25% Inadequate Liquidity (FAIL) = Less than 80 millions INR	1. Is it mandatory to fulfil the criteria using audited financial statements only? 2. In case Audited Financial statements are not adequate to qualify a member, can Bank statement in the form of letter/guarantee covering the financial requirement be a sufficient proof of meeting the Liquidity criteria?	1. The criteria is to be fulfilled by the extracted information from the audited accounts & Balance sheet (of the company) for the specific line of business duly certified by the auditor. 2. In case the criteria does not get full filled by audited accounts & Balance sheet, specific line of credit authorisation from the bank, as laid down in the clause will be required.	No

Sr.#	Volume	Section	Paragraph	pg.	Description	Queries	Clarifications	Modification In main document
29			5. Assessment Topics and scoring weightage		<b>T3: Net Worth:</b> The Net Worth of an Applicant, individually or in the case of JV/Consortium collectively should not be less than INR 150 Million for last financial year ending 31.03.2009 and it will be arrived at from the audited Annual Accounts. In case of Joint Venture/Consortia, the lead partner shall meet not less than 40% and other partners not less than 25% of the criterion. <b>Net Worth</b> of year 2008-09 as S.No 10 of Annexure 5 of pre-qualification document. Adequate Net Worth ( PASS) = Not less than 150 million INR of which Lead JV Partner shall not be less than 40%, and Each other JV Partner shall not be less than 25%, Inadequate Net Worth ( FAIL) = Less than 150 millions INR	Considering that almost 12 more months have passed after 31.03.2009, will it be acceptable to the customer to consider the certified (by a Chartered Accountant) Financial Statement up to at-least 31.12.2009?	Audited accounting for the financial year ending March 2009, or the full financial year ending December 2009 as applicable to the specific country concerned will be considered. This period of financial year is also applicable to the financial statements /financial figures including T1,T2,T3, T4	No
30		Financial Standing	Stage II- Technical and Financial Soundness	23 & 24	<b>T2 Profitability</b> Cumulative Profitability for last five financial years ending 31.03.2009 should be positive and will be arrived at from the audited Annual Accounts and calculated as the cumulative average of last five financial years. The Criteria to be used will be profit before tax but after interest. In case of Joint Venture /Consortia, each member must satisfy individually this criterion.	Instead of cumulative profitability for last 5 years ending 31.03.2009, kindly change as <b>cumulative profitability for last three years</b> ending on 31.03.2009. <b>Or</b> Consider profitability criteria <b>as profit before interest and tax.</b>	Profitability should be positive in at least 3 years out of 5 years ending 31.03.2010 and will be arrived at from the audited Annual Accounts. The Criteria to be used will be profit before tax but after interest. In case of Joint Venture /Consortia, each member must satisfy individually this criterion.	Yes
31		Financial Standing	Stage II- Technical and Financial Soundness	23 & 24	<b>T3 Net Worth</b> The Net Worth of an Applicant, individually or in the case of JV/Consortium collectively should not be less than INR 150 Million for last financial year ending 31.03.2009 and it will be arrived at from the audited Annual Accounts. In case of Joint Venture/Consortia, the lead partner shall meet not less than 40% and other partners not less than 25% of the criterion.	Please delete the clause "In case of Joint Venture/Consortia, the lead partner shall meet not less than 40% and other partners not less than 25% of the criterion".i.e., <b>Percentage basis of the allocation of each partner to be avoided.</b>	Not agreed. Terder condition shall prevail.	No
32			5			When will the Agency issue the schedule of dates for: (i) issuance of the RFP (ii) vendor conference (iii) vendor selection	This will be decided after PQ finalisation	No
33			5			Could you confirm the budget for the AFC System?	Not PQ related query	No
34			5			What is the projected ridership for the first 5 years of operation?	Will be provided in the Bid documents	No
35			5			What is the average fare per journey?	Not PQ related query	No
36			5			Are there any plans for connection of the system to other modes of transportation?	System shall have capability for multimodal transport application	No
37		Part I, General	6.1		...should have successfully designed, manufactured, supplied, installed, tested and commissioned in the field of contactless smartcards and token based automatic fare collection systems.	Is token based automatic fare collection system experience "required" or just "desirable" to be eligible to participate in the procurement?	"REQUIRED". As stipulated in 6.1	Yes
38		Part II, Pro - forma Application Form	3, Item 12 c		Experience of implementaion of contactless token based systems is desirable	Is token based automatic fare collection system experience "required" or just "desirable" to be eligible to participate in the procurement?	Experience of contactless token is required. Please see the Tender Addendum 1.	Yes
39						Is an actual or copy of a Certificate of Completion required or will a certification letter from the purchasing authority be sufficient?	Certificate of completion is required as stipulated.	No
40						Can you provide indicative quantitative data: (i) Number of stations (ii) Average number of Gates per station	(i) Number of stations : 12 Other details will be provided in the bid document.	No



**KMRC**

**KOLKATA METRO RAIL CORPORATION LIMITED**

(A GOVERNMENT OF INDIA AND GOVERNMENT OF WEST BENGAL JOINT VENTURE)

HRBC BHAWAN,

(4th & 5th floor)

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Phone/Fax: 2213 4350

Contract AFC

Dated: April 20, 2010

**ADDENDUM NO. 1**

S.No.	Reference	As Existing	As revised now
1	Part I - GENERAL 6.1 (p16)	The individual or members of a Joint Venture/Consortium (could have been a member of some other JV or consortium) collectively should have successfully designed, manufactured, supplied, installed, tested and commissioned in the field of contactless smart card and token based Automatic Fare Collection system including Automatic Retractable Flap type Gate, Ticket Office Machine, Passenger Operated Machine, Passenger Operated Ticket Vending Machine,	The individual or members of a Joint Venture/Consortium (could have been a member of some other JV or consortium) collectively should have successfully designed, manufactured, supplied, installed, tested and commissioned in the field of contactless smart card and token based Automatic Fare Collection system including Automatic Retractable Flap type Gate, Automatic Paddle Flap type Gate, Ticket Office Machine, Passenger Operated Machine, Passenger Operated

S.No.	Reference	As Existing	As revised now
		<p>Ticket Reader, Station Computer, Control Computer etc. on a Metro Rail / Rail system. The individual or members of the group jointly must have executed the below:</p> <p>(a) Minimum 300 gates in the last 5 (five) years ending 31.12.2009, AND</p> <p>(b) Minimum 100 gates of which MUST be operational in revenue service for a minimum of at least 2 (two) years ending 31.12.2009, AND</p> <p>(c) At least one central clearing house commissioned and operational for at least 2 (two) years ending 31.12.2009, AND</p> <p>(d) Should have experience in installation of smart card and smart token based AFC system of either Type 'A' or type 'C' and should be in commercial operation for a minimum of 2 (two) years ending 31.12.2009.</p> <p>Documentary proof from the client in support of all</p>	<p>Ticket Vending Machine, Ticket Reader, Station Computer, Control Computer etc. on a Metro Rail / Rail system. The individual or members of the group jointly must have executed the below:</p> <p>(a) Minimum 300 gates in the last 5 (five) years ending 31.12.2009,</p> <p>AND</p> <p>(b) Minimum 100 gates of which MUST be operational in revenue service for a minimum of at least 2 (two) years ending 31.12.2009, AND</p> <p>(c) Either at least one central clearing house commissioned and operational for at least 2 (two) years ending 31.12.2009, or Integrated AFC system with the central Clearing House system of another operator and the system is in successful operation for at least 2 (two) years ending 31.12.2009,</p> <p>AND</p>

S.No.	Reference	As Existing	As revised now
		<p>the above 4 (four), namely (a),(b), (c), and (d) must be submitted.</p>	<p>(d) Should have experience in installation of contactless smart card and token based AFC system of either Type ‘A’ or type ‘C’ and should be in commercial operation for a minimum of 2 (two) years ending 31.12.2009.</p> <p>Documentary proof from the client in support of all the above 4 (four), namely (a), (b), (c), and (d) must be submitted.</p>
2	<p>Annexure A INITIAL FILTER OF APPLICANTS – CHECKLIST SI Nr. 7 (p28)</p>	<p>Has the Applicant individually or in the case of a JV or Consortium collectively or any member(s) (could have been member(s) of some other JV/Consortium) carried out successfully the following in the last 5 (five) years ending 31-12-2009?</p> <p>One similar work of a value of at least INR 400 Million</p> <p style="text-align: center;">Or</p> <p>Two similar works of a value of at least INR 250 Million each</p> <p>In the implementation of contactless smart card based Automatic Fare Collection System including automatic retractable flap-type gates, ticket office machines, passenger operated ticket vending machines, ticket readers, station computers, central computer etc. on a</p>	<p>Has the Applicant individually or in the case of a JV or Consortium collectively or any member(s) (could have been member(s) of some other JV/Consortium) carried out successfully the following in the last 5 (five) years ending 31-12-2009?</p> <p>One similar work of a value of at least INR 400 Million</p> <p style="text-align: center;">Or</p> <p>Two similar works of a value of at least INR 250 Million each</p> <p>In the implementation of contactless smart card and token based Automatic Fare Collection System including automatic retractable flap-type gates, Automatic Paddle Flap type Gate, ticket office machines, passenger operated ticket vending</p>

S.No.	Reference	As Existing	As revised now
		Metro Rail/ Rail System.	machines, ticket readers, station computers, central computer etc. on a Metro Rail/ Rail System.
3	Part II - EVALUATION CRITERIA T2 Profitability (p23)	<p>Cumulative Profitability for last five financial years ending 31.03.2009 should be positive and will be arrived at from the audited Annual Accounts and calculated as the cumulative average of last five financial years. The Criteria to be used will be profit before tax but after interest. In case of Joint Venture /Consortia, each member must satisfy individually this criterion.</p> <p><b>Cumulative Profit before tax</b> as Item 5 of Annexure 5 of pre-qualification document:</p> <p>Positive in last five years <b>PASS</b></p> <p>Otherwise <b>FAIL</b></p>	<p>The profitability should be positive in at least 3 years out of 5 years ending 31.03.2010 and will be arrived at from the audited Annual Accounts. The Criteria to be used will be profit before tax but after interest. In case of Joint Venture /Consortia, each member must satisfy individually this criterion.</p> <p><b>Profit before tax</b> as Item 5 of Annexure 5 of pre-qualification document:</p> <p>Positive in at least 3 years out of 5 years ending 31.03.2010 <b>PASS</b></p> <p>Otherwise <b>FAIL</b></p>
4	PROFORMA Section 3 SI Nr. 12c (p39)	<p>Has the applicant during last 5 years, executed the following works:</p> <p>(a) Implementation of contactless smart card based Automatic Fare Collection System including automatic flap-type gates, ticket office machines, passenger operated ticket vending machines, ticket readers, station computers and central computer. Experience of implementation of contactless token based system is desirable.</p> <p>(b) Implementation of Type 'A' or Type 'C' based smart</p>	<p>Has the applicant during last 5 years, executed the following works:</p> <p>(a) Implementation of contactless smart card and token based Automatic Fare Collection System including automatic retractable and/or paddle flap-type gates, ticket office machines, passenger operated ticket vending machines, ticket readers, station computers and central computer. Experience of implementation of contactless token based system is required.</p> <p>(b) Implementation of Type 'A' or Type 'C' based</p>

S.No.	Reference	As Existing	As revised now
		<p>cards (either in same work or in different works).</p> <p>(c) Integration of proposed AFC system with existing smart card based AFC system designed &amp; installed by any other firm.</p> <p>If yes, give details (in case of a group, this information is to be given for each member.).</p> <p>Give reference of the work as submitted in Annexure-2 of the document in reply to Question 12(a) and shall also give the reference of submitted supported completion certificate from the client.</p>	<p>contactless smart card and token (either in same work or in different works).</p> <p>(c) Integration of proposed AFC system with existing contactless smart card and token based AFC system designed &amp; installed by any other firm.</p> <p>If yes, give details (in case of a group, this information is to be given for each member.).</p> <p>Give reference of the work as submitted in Annexure-2 of the document in reply to Question 12(a) and shall also give the reference of submitted supported completion certificate from the client.</p>
5	Part II Evaluation Criteria, Chap. 5 T8 Work Experience (p26)	<p>Number of works of a nature and complexity comparable to the proposed work, completed during last 5 (Five) years ending 31.12.2009 are an essential criteria. The Applicant must show experience in undertaking similar work of implementation of contactless smart card and token based Automatic Fare Collection System including automatic flap-type gates, ticket office machines, passenger operated ticket vending machines, ticket readers, station computers, central computer. Experience of implementation of contactless token based system is desirable. The AFC system should have been in commercial operation for a minimum of 2 years (user certificate to be enclosed necessarily).</p>	<p>Number of works of a nature and complexity comparable to the proposed work, completed during last 5 (Five) years ending 31.12.2009 are an essential criteria. Experiences in undertaking similar work of implementation of contactless smart card and token based Automatic Fare Collection System including automatic retractable and/or paddle flap-type gates, ticket office machines, passenger operated ticket vending machines, ticket readers, station computers, central computer are required. The AFC system should have been in commercial operation for a minimum of 2 years (user certificate to be enclosed necessarily).</p>
6	Part II Evaluation Criteria,	<p>Experience of implementation of Type 'A' or Type 'C' based smart cards (either in same work or in different</p>	<p>Experience of implementation of Type 'A' or Type 'C' based contactless smart card and token (either in same</p>

S.No.	Reference	As Existing	As revised now
	Chap. 3.3.1 Assessment Topics Table 1 Assessment (Pass/Fail) Topic No. II Item T9 (p21)	works) as per Para 6.1 (e) of Part-I.	work or in different works) as per Para 6.1 (d) of Part-I.
7	Part II Evaluation Criteria, Chap. 4 Assessment score Table 3 Topic No. II Item T9 (p22)	Experience of implementation of Type ‘A’ or Type ‘C’ based smart cards (either in same work or in different works) and should have been in commercial operation for a minimum of 2 Years. (user certificate to be enclosed necessarily).	Experience of implementation of Type ‘A’ or Type ‘C’ based contactless smart card and token (either in same work or in different works) and should have been in commercial operation for a minimum of 2 Years. (user certificate to be enclosed necessarily).
8	Part II Evaluation Criteria, Chap. 5 T9 (p26)	<p>The Applicant will PASS if he or in case of Joint Venture/Consortia any member(s) (could have been a member(s) of some other JV/Consortium) successfully commissioned AFC system of one Type ‘A’ or Type ‘C’ based smart cards (either in same work or in different works) during the last 5 years ending 31.12.2009, the system being commercially operational. for a minimum of 2 years.(user certificate to be enclosed necessarily) or otherwise will FAIL..</p> <p>Based on the number and Type of smart cards commissioned by the Applicant or any individual member of a JV/Consortium (either individually or as a member of different JV/Consortium) points will be scored as per following Table:.</p>	<p>The Applicant will PASS if he or in case of Joint Venture/Consortia any member(s) (could have been a member(s) of some other JV/Consortium) successfully commissioned AFC system of one Type ‘A’ or Type ‘C’ based contactless smart card and token (either in same work or in different works) during the last 5 years ending 31.12.2009, the system being commercially operational. For a minimum of 2 years.(user certificate to be enclosed necessarily) or otherwise will FAIL.</p> <p>Based on the number of systems and Type of contactless smart card and token commissioned by the Applicant or any individual member of a JV/Consortium (either individually or as a member of different JV/Consortium) points will be scored as per following Table:.</p>

S.No.	Reference	As Existing	As revised now
9	Application Form B (p5)	<ol style="list-style-type: none"> <li>1. that they will legalize a Joint Venture / Consortium Agreement in case that a Contract for the _____ [name of the Project] is awarded to their group;</li> <li>2. that they have nominated _____ [name of the lead partner] as the Sponsor Firm of the group for the purpose of this Tender;</li> <li>3. that they authorized Mr./Ms. _____ [name of the person who is authorized to act as the Representative on behalf of the Joint Venture] to act as the Tenderer's Representative in the name and on behalf of their group.</li> <li>4. that all partners of the Joint Venture / Consortium shall be liable jointly and severally for the execution of the Contract;</li> <li>5. that this Joint Venture is an association constituted for the purpose of the execution of the _____ [name of the Project] under this Contract;</li> <li>6. that if the Employer accepts the Tender of this Joint Venture / Consortium , it shall not be modified in its composition or constitution until the completion of Contract without the prior consent of the Employer;</li> <li>7. that each partner's share of the Work, stated as percentage of the total contract amount, shall be as follows:</li> </ol>	<ol style="list-style-type: none"> <li>1. that they will legalize a Joint Venture / Consortium Agreement in case that a Contract for the _____ [name of the Project] is awarded to their group;</li> <li>2. that they have nominated _____ [name of the lead partner] as the Leader Firm of the group for the purpose of this Tender;</li> <li>3. that they authorized Mr./Ms. _____ [name of the person who is authorized to act as the Representative on behalf of the Joint Venture] to act as the Tenderer's Representative in the name and on behalf of Joint Venture / Consortium.</li> <li>4. that all partners of the Joint Venture / Consortium shall be liable jointly and severally for the execution of the Contract;</li> <li>5. that this Joint Venture is constituted for the purpose of the execution of the _____ [name of the Project] under this Contract;</li> <li>6. that if the Employer accepts the Tender of this Joint Venture / Consortium , it shall not be modified in its composition or constitution until the completion of Contract without the prior consent of the Employer;</li> <li>7. that each partner's share of the Work, stated as percentage of the total contract amount, shall be as follows:</li> </ol>