

 KMRCL	KOLKATA METRO RAIL CORPORATION LIMITED
	Munshi Premchand Sarani (HRBC Office Complex) Kolkata 700 021 e-mail:cest.kmrc@gmail.com Web: www.kmrc.in

TENDER NOTICE

Dated: 07 .07. 2009

KMRCL/ Tender No.1 S&T-PQ

1. KOLKATA Metro Rail Corporation Limited (KMRCL) intends to shortlist Design and Manufacturing Companies through a pre-qualification process for the design, manufacture, supply, installation, testing and commissioning of Control and Signalling, Telecom and Low Current Systems for KOLKATA E-W METRO RAIL PROJECT and also training of personnel. The system of traction is 750V DC third rail and the track will be ballast less / ballasted laid to Standard Gauge (1435mm) on concrete sleepers.

2. Indian and International companies, preferably manufacturing companies, either by themselves or as a joint venture / consortium, interested in appointment through International Competitive Bidding (ICB) as the Designers and Manufacturers of Signalling / Train Control and communication System can apply. Applicants are required to have a good financial standing and performance record, requisite experience and capacity in the field described above.

3. KMRCL, hereinafter called 'the Employer' has obtained Loan from Japan International Cooperation Agency, hereinafter referred to as the JICA, for 45% (Rs 21042 Millions Approx - Loan No ID-P192) of the cost of KOLKATA E-W METRO RAIL PROJECT and intends to apply a portion of the proceeds of this loan to payments under the contract for which this Invitation for Prequalification is issued. Disbursement of the ODA Loan by JICA will be subject in all respects to the terms and conditions of the Loan Agreement, including the disbursement procedures and the Guidelines for Procurement under JICA ODA Loans. No party other than KMRCL shall derive any rights from the Loan Agreement or have any right to the loan proceeds. The above Loan Agreement will cover only a part of the project cost. As for the remaining portion, KMRCL has taken appropriate measures for finance. It may be noted that under the Loan Agreement "all countries and all areas" are eligible to participate in the bidding.

4. Copies of the Enquiry Document may be collected from the office of KMRCL, Munshi Premchand Sarani(HRBC Office Complex),Kolkata – 700 021, INDIA. The Pre-Qualification Documents will be available on payment of non-refundable fee of Rs 40,000/- (USD 800) in the form of crossed demand draft from a Schedule Commercial Bank in India in favour of Kolkata Metro Rail Corporation Limited, payable at Kolkata, on all working days between 11.00 hrs and 17.00 hrs(IST) from 7th July 2009 to 22nd July 2009. A pre-bid meeting will be held on 29th July 2009 at 15.00 hrs in KMRC office.

5. Clarifications, if any, asked in writing only will be entertained by KMRCL. Last date for seeking such clarifications is 6th August 2009. The questions will be replied by 14th August 2009.

6. The documents, duly completed, shall be returned in sealed envelopes, which must be delivered by hand or by registered mail, so as to reach KMRCL office on or before 15.00 hrs (IST) of 28th August 2009. The bids will be opened at 16:00 (IST) of 28th August 09 in the presence of the bidders or the representative of the bidders, who desire to be present.
7. JICA requires that bidders and contractors, as well as KMRCL under contracts funded with JICA ODA Loans and other Japanese ODA, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, JICA;
- (a) will reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
 - (b) will recognize a Contractor as ineligible, for a period determined by by JICA, to be awarded a contract funded with ODA Loans of JICA if it at any time determines that the Contractor has engaged in corrupt or fraudulent practices in competing for, or in executing, another contract funded with ODA Loans of JICA or other Japanese ODA.
8. The validity of the offer should be for 90 days from date of opening.
9. KMRCL reserves the right to accept or reject any or all proposals without assigning any reason whatsoever. No tenderer shall have any cause of action or claim against KMRCL for rejection of his proposal.
- 10... Canvassing in any form will result in summary rejection of the tender.
11. Joint venture must comply with the following requirements:-:
- a) The lead partner shall meet not less than 40% of the financial standing and criteria.
 - b) Other partners shall meet not less than 25% of all financial criteria.
 - c) Joint venture suitably, collectively fulfils other criteria like technical, organisational and manufacturing capability. However, such partners must individually satisfy technical, organisational and manufacturing and expenses record of the equipment for the Signalling & Telecommunication under procurement.
 - d) Any change in pre qualified joint venture will be subject to the written approval of the employer prior to the deadline for submission of bid. Such approval may be denied if (i) partner withdraw from joint venture and the remaining partners do not meet the qualifying requirement or (ii) the new partners with the joint venture is not qualified, individually or as another joint venture, or (iii) in the opinion of the employer a substantial reduction in competition may result.
 - e) Bid shall be signed so as to legally bind all partners jointly and severally and bid shall be submitted with a copy of joint venture agreement as in PROFORMA SECTION 1 - GENERAL, providing the joint and several liabilities with respect to the contract.
12. For details please visit our web site: www.kmrc.in.

Sd/-
Managing Director
Kolkata Metro Rail Corporation Limited

INVITATION FOR PREQUALIFICATION BID**PRE-QUALIFICATION FOR DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF CONTROL AND SIGNALLING, TELECOM AND LOW CURRENT SYSTEMS AND STAFF TRAINING FOR KOLKATA E-W METRO RAIL PROJECT****TENDER NO.1 S&T-PQ**

1.0 Kolkata Metro Rail Corporation Limited (KMRCL) intends to shortlist Design and Manufacturing Companies through a Pre-Qualification process for design, manufacture, supply, installation, testing and commissioning of Control and Signalling, Telecom and Low Current Systems for KOLKATA E-W METRO RAIL PROJECT. The system of traction is 750V DC third rail and the track will be laid to Standard Gauge (1435mm). The contract shall include training of personnel for maintenance.

1.1 KMRCL has contracted M/s MYCEL as the General Consultant (GC) for the Project. They will assist in evaluating the tenders.

1.2 Indian and International companies, preferably manufacturing companies, either by themselves or as a joint venture/consortium, interested in appointment through International Competitive Bidding (ICB) as the Design and Manufacturers of Control and Signalling, Telecom and Low Current Systems can apply. Applicants are required to have a good financial standing and performance record, requisite experience and capacity in the fields described above.

1.3 KMRCL, hereinafter called 'the Employer' has obtained ODA Loan from Japan International Cooperation Agency, hereinafter referred to as JICA, for 45% (Rs 21042 Millions Approx - Loan No ID-P192) of the cost of KOLKATA E-W METRO RAIL PROJECT and intends to apply a portion of the proceeds of this loan to payments under the contract for which this Invitation for Prequalification is issued. Disbursement of the ODA Loan by JICA will be subject in all respects to the terms and conditions of the Loan Agreement, including the disbursement procedures and the Guidelines for Procurement under JBIC (Japan Bank for International Cooperation) ODA Loans. No party other than KMRCL shall derive any rights from the Loan Agreement or have any right to the loan proceeds. The above Loan Agreement will cover only a part of the project cost. As for the remaining portion, KMRCL has taken appropriate measures for finance. It may be noted that under the Loan Agreement that "all countries and all areas" are eligible to participate in the bidding.

1.4 Copies of the PQ Enquiry Document may be collected from the office of KMRCL, Munshi Premchand Sarani (HRBC Office Complex), Kolkata – 700 021, INDIA. The Pre-Qualification Documents will be available on payment of non-refundable fee of Rs 40,000/- (USD 800) in the form of crossed demand draft from a Schedule Commercial Bank in India in favour of Kolkata Metro Rail Corporation Limited, payable at Kolkata, on all working days between 11.00 hrs and 17.00 hrs (IST) from 7th July 2009 to 22nd July 2009. A pre-bid meeting will be held on 29th July 2009 at 15.00 hrs in KMRC office. Tender fee once paid will not be refunded.

1.5 Clarifications, if any, asked in writing only will be entertained by KMRCL. Last date for seeking such clarifications is 6th August 2009. They will be replied by 14th August 2009.

1.6 These documents duly completed in all respects shall be returned in sealed envelopes, and must be delivered by hand or by registered mail, so as to reach KMRCL office on or before 15.00hrs (IST) on 28th August 2009. Late or delayed submittals will not be accepted due to any reason whatsoever including postal delay. The bids will be opened at 16:00 (IST) of 28th August/ 09 in the presence of the bidders or the representative of the bidders, who desire to be present.

1.7 KMRCL reserves the right to accept or reject any or all proposal without assigning any reason what so ever. No tenderer shall have any cause of action or claim against KMRCL for rejection of his proposal.

1.8 Canvassing in any form will result in summary rejection of the tender.

1.9 Joint venture must comply with the following requirement:

- a) The lead partner shall meet not less than 40% of the financial standing and criteria.
- b) Other partners shall meet not less than 25% of all financial criteria.
- c) Joint venture suitably, collectively fulfils other criteria like technical, organisational and manufacturing capability. However, such partners must individually satisfy technical, organisational and manufacturing and expenses record of the equipment for the Signalling & Telecommunication under procurement.
- d) Any change in pre qualified joint venture will be subject to the written approval of the employer prior to the deadline for submission of bid. Such approval may be denied if (i) partner withdraw from joint venture and the remaining partners do not meet the qualifying requirement or (ii) the new partners with the joint venture is not qualified, individually or as another joint venture, or (iii) in the opinion of the employer a substantial reduction in competition may result.
- e) Bid shall be signed so as to legally bind all partners jointly and severally and bid shall be submitted with a copy of joint venture agreement as in Application form (A) and (B) attached, providing the joint and several liabilities with respect to the contract.

10. For details please visit our web site: www.kmrc.in.

Sd/-

Managing Director
Kolkata Metro Rail Corporation Limited.

APPLICATION FORM A

Joint Venture Summary

<i>Names of all partners of a joint venture</i>
1. Lead partner
2. Partner
3. Partner
4. Partner
5. Partner
6. Partner

Total value of annual construction (and/or equipment, goods or services which apply to this contract) turnover, in terms of work billed to clients, in US\$ equivalent, converted at the rate of exchange at the end of the period reported:

<i>Partner</i>	Year 1	Year 2	Year 3	Year 4	Year 5
<i>1. Lead partner</i>					
<i>2. Partner</i>					
<i>3. Partner</i>					
<i>4. Partner</i>					
<i>5. Partner</i>					
<i>6. Partner</i>					
<i>Total</i>					

APPLICATION FORM B

Joint Venture Agreement

To:

The Managing Director,
Kolkata Metro Rail Corporation
4th & 5th Floor, HRBC Bhavan,
Munshi Prem Chand Sarani
KOLKATA 700021, INDIA

The undersigned of this declaration of cooperation, by means of attached Powers of Attorney **is** legally authorized to act with regard to _____ *[name of the Project]* and on behalf of their organizations.

They hereby declare:

1. that they will legalize a Joint Venture Agreement in case that a Contract for the _____ *[name of the Project]* is awarded to their group;
2. that they have nominated _____ *[name of the lead partner]* as the Sponsor Firm of the group for the purpose of this Bid;
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 Bidder's Representative in the name and on behalf of their group.
4. that all partners of the Joint Venture shall be liable jointly and severally for the execution of the Contract;
5. that this Joint Venture is an association constituted for the purpose of the execution of the _____ *[name of the Project]* under this Contract;
6. that if the Employer accepts the Bid of this Joint Venture, it shall not be modified in its composition or constitution until the completion of Contract without the prior consent of the Employer;
7. that each partner's share of the Work, stated as percentage of the total contract amount, shall be as follows:

Name of Partner	Share of the Work (as percentage of the contract amount)
Lead Partner	
Partner	
Partner	
Partner	
Total	100

Give names and positions of the proposed Joint Venture Representatives, as well as organization's names and addresses:

1	Name:	Signature:
	Position:	Date:
	Representative of: (Organization's Name)	

2	Name:	Signature:
	Position:	Date:
	Representative of: (Organization's Name)	

3	Name:	Signature:
	Position:	Date:
	Representative of: (Organization's Name)	

4	Name:	Signature:
	Position:	Date:
	Representative of: (Organization's Name)	

5	Name:	Signature:
	Position:	Date:
	Representative of: (Organization's Name)	

Acknowledgment of Compliance with
Guidelines for Procurement under Japanese ODA Loans

- A) I, _____ (name and position of authorized signatory)
duly
authorized by (name of Bidder/partner of joint venture or association (JVA) ("Bidder")) hereby
certify on behalf of the Bidder and myself that information provided in the Bid
submitted by the Bidder for (Loan No. and name of the Project) is true, correct and
accurate to the best of my knowledge and belief. I further certify that on behalf of the
Bidder that;
- (i) the Bid has been prepared and submitted in compliance with the terms and
conditions set forth in Guidelines for Procurement under Japanese ODA Loans
("Guidelines"); and
 - (ii) the Bidder has not taken any action which is or constitutes a corrupt, fraudulent,
collusive or coercive practice and is not subject to any conflict of interest as
stipulated in the relevant section of the Guidelines.
- B) I certify that neither the Bidder nor any subcontractor, or expert nominated by the
Bidder in the Bid has been sanctioned by any development assistance
organizations*.
- C) I further certify on behalf of the Bidder that, if selected to undertake services in
connection with the Project, we shall carry out such services in continuing
compliance with the terms and conditions of the Guidelines.

Authorized SIGNATORY

For and on behalf of the Bidder

Date: _____

* If the Bidder or any subcontractor or expert nominated by the Bidder has once conducted a corrupt, fraudulent, collusive or coercive practice and has been sanctioned by any development assistance organizations in the past five years, it shall modify the Clause B) accordingly and shall provide the following information;

- (a) The name of the organization which sanctioned the Bidder or subcontractor or JVA partner, or expert nominated by the Bidder.
- (b) The period of the sanction.

However, the borrower shall not disqualify such a bidder only because of this matter.

KOLKATA METRO RAIL CORPORATION LIMITED

KOLKATA E-W METRO RAIL PROJECT

**PRE-QUALIFICATION FOR DESIGN, MANUFACTURE, SUPPLY,
INSTALLATION, TESTING AND COMMISSIONING OF
CONTROL AND SIGNALLING, TELECOM AND LOW CURRENT
SYSTEMS FOR KOLKATA E-W METRO RAIL PROJECT**

TENDER NO. 1 S & T - PQ

PRE - QUALIFICATION QUESTIONNAIRE

**KOLKATA METRO RAIL CORPORATION LIMITED
MUNSHI PREMCHAND STREET
(HRBC OFFICE COMPLEX)
KOLKATA 700 021
WEST BENGAL
INDIA**

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KOLKATA E-W METRO RAIL PROJECT

PRE-QUALIFICATION FOR DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF CONTROL AND SIGNALLING, TELECOM AND LOW CURRENT SYSTEMS AND STAFF TRAINING FOR KOLKATA E-W METRO RAIL PROJECT

Instructions to Applicants

1.0 Applicants are required to read carefully the contents of this document and to provide the required information in sufficient detail so that the capabilities of the applicant can be fully appreciated and assessed.

1.1 Applicants may be single firms or may be members of a group / consortium formed for the pre-qualification. Applicants must read carefully the directions concerning the requirements for groups. All members of a group will have their submittals individually evaluated in addition to evaluating their role in the group.

1.2 Applicants are to complete the Questionnaire and to provide the required information in separate sections as described in the "Contents of Each Section". These documents shall be submitted in sets of one original and two copies, and properly marked. The use of sections is to separate the information provided so that there is no doubt as to the intention of the applicant and to considerably simplify the process of assessment of the applicants' capability and suitability.

1.3 Submittals will be assessed to demonstrate convincingly that the applicant possesses the experience and also technical, administrative and financial capabilities to perform the contract for which application is made and has a good performance record in the relevant areas. Applicants will not be considered if they have a poor performance record such as: abandoning of works; not properly completing contracts, inordinate delays in completing contracts; litigation history, financial failure, etc. KMRCL reserves the right to make enquiries with the previous clients of applicants.

1.4 All documents shall be in the English Language only.

1.5 Successful applicants will be advised of the result of their application. However, neither KMRCL nor their General Consultant will discuss any aspect of the evaluation process, or the results of the evaluation.

1.6 Applicants should note clearly the date and time of submission of duly completed applications. No Document will be received after the stipulated date and time. Applicants are requested to note that no supplementary material will be entertained by KMRCL and that evaluation will be carried out only on the basis of documents received by the closing time for receiving submittals.

1.7 In the event of a conflict between documents submitted by the applicant, the material contained in the Original set only will prevail.

1.8 Applicants will not be considered for evaluation if they suppress information or make misleading or false representations, statements, attachments and pre-qualification questionnaire submitted in proof of the qualification requirements.

1.9 Bidders shall be required to update the financial information used for prequalification at the time of submitting their bids and to confirm their continued compliance with the qualification criteria. A bid shall be rejected if the Applicant's qualification thresholds are not met at the time of bidding

**PRE-QUALIFICATION FOR DESIGN, MANUFACTURE, SUPPLY, INSTALLATION,
TESTING AND COMMISSIONING OF CONTROL AND SIGNALLING, TELECOM AND LOW
CURRENT SYSTEMS AND STAFF TRAINING**

2. INTRODUCTION

2.1 Kolkata Metro Rail Corporation Ltd., (KMRCL) is the Special Purpose Vehicle of Government of West Bengal and Government of India implementing the KOLKATA E-W METRO RAIL PROJECT for Kolkata. The project comprises of 8.74 kms of Underground and 5.74kms of elevated section. The mode of traction is 750V dc Third Rail. The track will be of Standard Gauge (1435mm)

KMRCL, hereinafter called 'the Employer' has obtained an ODA Loan from Japan International Cooperation Agency, hereinafter referred to as the JICA, for 45% (Rs 21042 Millions Approx.) towards the cost of KOLKATA E-W METRO RAIL PROJECT and intends to apply a portion of the proceeds of this loan to payments under the contract for which this Invitation for Prequalification is issued. Disbursement of the ODA Loan by JICA will be subject in all respects to the terms and conditions of the Loan Agreement, including the disbursement procedures and the Guidelines for Procurement under JBIC ODA Loans. No party other than KMRCL shall derive any rights from the Loan Agreement or have any right to the loan proceeds. As for the remaining 55% portion, KMRCL has taken appropriate measures for finance. It may be noted that under the Loan Agreement that "all countries and all areas" are eligible to participate in the bidding.

Payments under this contract will be made in Japanese Yen /Euros/US Dollars and Indian Rupees. Complete details will be provided in the Tender Documents.

2.2 This pre-qualification document refers to the Signalling/Train Control and Communication Systems required to operate the system at a minimum headway of 120 secs.

2.3 KMRCL has employed a General Consultant (GC) for the project.

The GC will prepare the conceptual design, functional Specifications for the noted systems and will scrutinise the design / drawing submissions of the successful Tenderer and will clear the designs after taking approval of KMRCL. The GC or an authorised representative of KMRCL will undertake inspection on behalf of KMRCL during the manufacture, installation, construction and testing phases. GC will monitor the Contractor's activities for quality assurance and for conformity to Contract specifications and time frame. The GC will review the "As-Built" drawings.

2.4 KMRCL invites suitably qualified Indian and International applicants preferably manufacturers, to submit tenders through International Competitive Bidding (ICB) under the Guidelines for Procurement under JBIC ODA Loans for the detailed design, manufacture, supply, installation, testing and commissioning of signalling/train control and communication systems suitable to meet the needs of the Project. Tenders will be invited only from the contractors pre-qualified by KMRCL.

- 2.5 This document describes the pre-qualification application procedure and requirements.
- 2.6 The work will include detailed design, manufacture, supply, installation, testing and Commissioning of the signalling/train control systems and communication systems and preparation of maintenance manuals & training of maintenance / operation personnel.
- 2.6.1 **Signalling & Train Control**
- *The implementation of the Signalling and Train Control system for the line (both elevated and underground) will include works for the entire section, Operations Control Centre (OCC), signalling at all stations with points, car depot and entail the provisions of wayside and train-borne equipment for Automatic Train Protection (ATP), wayside and train-borne equipment for Automatic Train Operation (ATO), and equipment for Automatic Train supervision (ATS). All Signalling and Train Control apparatus shall be procured under this contract. The design headway for the signalling system to be 120 seconds. Platform Screen doors will be provided which would be required to be controlled and operated in unison with the train coach doors.*
 - *The Automatic Train Protection (ATP) system shall provide protection for Trains travelling on the same line in the same direction, over-speed enforcement, prevent roll back of train. The ATP shall also provide cab signals to assist the driver especially during manual operation of the train. The ATP system shall be capable of single track working where and if applicable.*
 - *Automatic Train Operation (ATO) is required for the system. The system shall provide automatic acceleration, coasting and braking functionally in accordance with the safety parameters set by the ATP system which will have overriding control over ATO system. The platform screen door should be controlled and operated preferably from ATO system.*
 - *The Automatic Train Supervision system (ATS) shall provide Automatic Route Setting (ARS), Automatic Train Regulation (ATR) and train identification inclusive of destination codes. It shall monitor the signalling system for the entire rail network and also be capable of optimisation of such train operating parameters as “dwell time” at stations, platform hold, and acceleration, coasting and braking to stop the train at predetermined position on the platform strategies.*
 - *The Signalling and Train Control system shall adopt joint-less track circuits in conjunction with microprocessor-based interlocking. Non-trailable point machines shall be used for main-line operations, whilst trailable switch machines shall operate in the depot areas. Line-side signals shall be required on the main-line to protect points and crossovers where necessary, and will also be required for depot operations. In the event of malfunction at the OCC, signalling systems shall be operated from the Station Control Room (SCR).*

- *For operation of signalling system in the depot, a separate control tower will be constructed for housing the signal panel and all interlocking, monitoring and power supply system.*
- *The contractor will be required to co-ordinate and interface in detail with Civil Works, Track Works and other Electro-mechanical and system-wide contractors where input is required. The signalling contractor shall also coordinate, supply and supervise installation of the train-borne ATP/ATO equipment at the Rolling Stock manufacturer's facility prior to delivery of the Rolling Stock.*
- *The Signalling and Train Control system shall incorporate a Passenger Information Display System (PIDS) located at each station. The PIDS will display the next train to arrive at each platform in real time and shall interface with the ATS system. The traffic controller at the OCC and station master at each station will have the capability to change manually the information displayed.*
- *The works shall also entail the installation of all necessary equipment including back-up power supplies (UPS) at stations, in the depot and the OCC as required for complete and continuous system operations.*

2.6.2 **Telecommunications**

The telecommunication system shall include but not be limited to the following sub- systems:

- Fibre Optic Transmission System including Network Management System, as main bearer of communication. Fibre Optic Transmission Network will include installation of Mux Line Transmission equipment, etc., using Synchronous Digital Hierarchy (SDH) technology. Cable route to be decided in consultation with the Civil Engineers.
- EPABX system to provide telephone at different locations and rooms at each station, at the depot, at OCC and KMRCL's HQ; with facility to connect with the city telephone network.
- Multi Channel Trunked Train Radio system for operation, maintenance and security systems including fixed base, mobiles on vehicles and hand held portables. The system will provide coverage along all lines, in the depot and OCC areas for elevated, at grade and subway areas. The Radio System should have facility for controlling of the Network from a central dispatcher with emergency alarm facility and Functional Train number identification. The system should be suitable for railway application, preferably a system to 'open specifications' which is already in commercial operation for railway application. Applicants should have capability in both analogue and digital technology. A recording facility for all conversations will be provided which will record conversations of last 24 hrs in the system indicating the time of conversation.
- Public Address system at each station operated locally from station and remotely from OCC. OCC announcement will have overriding control over the local operation.

- Closed circuit television (CCTV) system for the entire line shall be primarily monitored locally at stations and selectively remotely at OCC. The system should have facility for remote control of cameras from OCC/Local station for all functions, i.e., Zooming, Focusing, Panning, tilting etc. The picture storing facility should be provided at each station as also in the OCC for all cameras at each station which will be adequate for a period of minimum 7 days.
 - Cameras will be provided inside the train coaches and the pictures generated by these cameras may also be required to be transmitted to the OCC by suitable methods, if possible, at an optimal cost.
 - Centralised GPS operated Clock System including sub master and slave clocks at the necessary locations for time synchronisation throughout the sections, Depot and OCC. The clock will be synchronised with the clocks of CATC and AFC systems.
 - Uninterruptible Power Supply (UPS) systems for powering all equipments to be procured under this contract.
- 2.7 The public Address System on the train will be procured under Tender for Passenger Rolling Stock (EMU). However, contractor for this package will interface with the above contractor for installation of radio on train and also for announcement on train from OCC through radio, which will have overriding control over the local operation.
- 2.8 The successful Tenderer will be required to set up a design sub-office in Kolkata to enable their design development to be monitored and checked by the GC or KMRCL.
- 2.9 Interested designers and manufacturers, Indian and International, may apply for pre-qualification as sole contractor or as joint venture, partnership or consortium (group). It is not permitted to tender for the same contract in one's own name and at the same time as part of a joint venture, partnership or consortium. The non-engineering turnkey management firms may also be members of the joint venture or consortium (Group) along with the designers and manufacturers. Such members along with others will be jointly and severally responsible. They shall be evaluated for their particular roles of participation, experience and capabilities.
- 2.9.1 Any change in a prequalified joint venture, will be subject to the written approval of the Employer prior to the deadline for submission of bids. Such approval may be denied if (i) partners withdraw from a joint venture and the remaining partners do not meet the qualifying requirements. (ii) the new partners to a joint venture are not qualified, individually or as another joint venture; or (iii) in the opinion of the Employer, a substantial reduction in competition may result.
- 2.10 Successful applicants who are qualified will be required to confirm their intention to submit valid and conforming tenders prior to being invited to tender. The basis for evaluation of applications is described in Clause 5.9 herein.

- 2.11 Applicants for pre-qualification should note that this Pre-qualification Enquiry and Questionnaire are intended to provide designers and manufacturers with preliminary information concerning the project. The information contained herein shall not in any way be interpreted as binding on KMRCL, its General Consultant, its agents, successors or assigns.
- 2.12 Applicants are advised that selection of signalling / train control and communications designers and manufacturers as potential Tenderers shall be entirely at the discretion of KMRCL. Applicants will be deemed to have understood and agreed that no explanation or justification of any aspect of the pre-qualification process will be given and that KMRCL's pre-qualification decisions are without any right of appeal whatsoever.
- 2.13 All costs incurred by an applicant for preparation and submission of pre-qualification shall be borne by the applicant. KMRCL, its agents, successors and assigns are entirely without liability for such costs.
- 2.14 KMRCL reserves the right not to proceed with the pre-qualification process at any time without any notice or liability.
- 2.15 All documents and other information supplied by KMRCL or submitted by an applicant shall remain or become the property of KMRCL. Applicants are to treat all information as strictly confidential. KMRCL will not return any pre-qualification submission. It is to be noted that all information, checks / examinations, comparison, evaluations, opinions and recommendations relating to this tender shall be considered confidential data and shall not be available to other persons who are not officially concerned in the procedure of selection of the successful tenderer.
- 2.16 Applicants will be advised by the KMRCL in writing by fax or telex, within 90 days of submission of applications, the result of their application, and of the names of the prequalified applicants, without being assigned any reason for the Employer's decision.
- 2.17 Applicants are advised that neither KMRCL nor GC will respond to enquiries or enter into communications concerning or relating to the selection process or the pre-qualification procedure.
- 2.18 The applicant (each member in the case of a Group) or any Associate, will be required to confirm and declare with the Pre-Qualification Application that no agent, middleman or any intermediary has been, or will be, engaged to provide any service, or any other item or work related to the award and performance of this Contract. They will have to further confirm and declare in the submittal that no agency commission or any payment which may be construed as an agency commission has been, or will be, paid and that the tender price will not include any such amount. (Refer Verification statement of Pre-qualification Questionnaire (Q-28).

3. PROJECT ORGANISATION

- 3.1 The Executing Agency of Metro Rail Project is Kolkata Metro Rail Corporation Ltd, (KMRCL).
KMRCL office is located at:
HRBC Office Complex, 4th & 5th floor
Munshi Premchand Sarani
Kolkata-700 021 (India)
Telephone No.(91) -33-22134349
Fax No (91) –33-22134349
E.Mail = cest.kmrc@gmail.com
Web: kmrc.in
- 3.2 KMRCL will be the "Employer" under the terms of any contract to be awarded.
- 3.3 KMRCL has employed M/s MYCEL as the General Consultant (GC) for the project who will inter alias, monitor the activities of the signalling / train control / telecommunication systems communication systems designer, manufacturer, erector etc.

4. PROJECT DESCRIPTION

- 4.1 The Metro Rail Project for Kolkata comprises of a route length of 14.58 Km, with 8.84 km underground in tunnel and 5.74 km on elevated track . Depot and Workshop facilities will be at ground level at Salt Lake area (not elevated or underground).
- 4.2 The tender documents to be issued for the main tender for design, manufacture, supply, testing and commissioning of signalling/train control and communication system called (Tender No.2 S&T-DM) will include Employer's Requirement of Functional Specifications for Design and Construction of the signalling / train control and communication systems for the project. This will principally cover functional performance, and will provide technical requirements in sufficient details to eliminate undesirable features.
- 4.3 The successful Tenderer will be responsible for co-ordinating all interfaces between the systems he is offering and all other packages awarded to other contractors which impinge upon his design – e.g. Rolling Stock, tunnel fixed structure, track, station buildings and platforms, screen doors on platforms, current distribution and collection equipment, maintenance management information system, etc. GC will supervise the co-ordination between the successful tenderer of Tender No.2 S&T-DM (Design Manufacture, Supply) and other designated contractors. However, the Contractor will allow for liaison with, and modifications to his design to cater for the work of such other Contractors.
- 4.4 The successful Tenderer will also be required to provide sufficient technical data (dimensions, weight and mounting details) including maintenance schedules, inspection / repair procedures and machinery / plant required of all equipment for all sub-systems and cabling / earthing details, surge protection details etc., to enable other project contractors to proceed in parallel with their design and development.
- 4.5 KMRCL is keen to ensure the most economic whole life costs.

- 4.6 *The successful tenderer of the Signalling and Train Control System will be required to perform and produce a safety certificate from independent reputed international institution/company having necessary competence to undertake such certification work, relating to the offered system. The safety worthiness of the system shall be evaluated by an independent agency and sanction of the competent authority will have to be obtained prior to revenue operations. The contractor should be in a position to provide necessary support (have experts with adequate knowledge and experience, qualification) and submit such documentation as required to assist KMRCL for effective interaction with concerned authorities.*
- 4.7 The system shall be warranted for a period of 2 years from the date of commissioning of the system in full. From each bill an amount of 5% will be deducted for this purpose. Money such deducted will be refunded within 6 (six) months from the completion of the warranty period, subject to all issues regarding warranty are settled. The successful tenderer may be required to maintain the equipments of the S&T systems etc up to 5 years from expiry of warranty period on mutual agreed terms. The successful tenderer shall have to ensure supply of spares during the life time of the equipments.
- 4.8 It has been proposed to introduce commercial services in stages from June/2013 to October/2014. Supply, installation, testing and commissioning should be so programmed that the last rake shall be cleared in the manufacturers premises in August 2012 and complete supply of rakes to be completed well in advance to enable the commercial services to start in June 2013.

5. **CONTRACTUAL MATTERS**

- 5.1 The design, supply, installation, testing and commissioning contract will be procured through tenders from the pre-qualified tenderers in accordance with the Guidelines for Procurement under JBIC ODA Loans.
- 5.2 The Tender for the signalling / train control and communications design, manufacture and Installation will give details of conceptual designs and outline functional specifications and Employer's requirements. The tenderers will be required to develop from these details, designs and specifications sufficiently detailed to allow KMRCL /GC to assess the fitness and adequacy of each tenderer in the manufacture, installation and testing.
- 5.3 The successful Tenderer will be required to co-ordinate his designs to interface, where applicable, with others. Such integration and co-ordination is of paramount importance for the timely and satisfactory completion of the project.
- 5.4 If contract S&T-DM (Tender No. 2 S&T-DM) is awarded to a combination of commercial entities, as discussed in sub-section 1.9, each member thereof will be jointly and severally liable for the whole performance of the contractual obligations. Joint and several performance guarantees may be required from the ultimate owning companies of a tenderer or of each member thereof. Successful PQ bidder will have to pay a "Bid Security" while participating in the main tender (2 S&T-DM). The amount will be mentioned in the main tender document.

6. **PREQUALIFICATION APPLICATION**

- 6.1 Applicants for pre-qualification are required to submit the Pre-qualification Questionnaire and associated information as herein requested.
- 6.2 Applicants shall submit the requisite information in the sectional arrangements as indicated in the Table "Contents of Sections" in the pre-qualification questionnaire.
- 6.3 Applicants should attach clearly marked and referenced continuation sheets in the event that the space provided in the Questionnaire is insufficient. Alternatively, applicants may format the questionnaire making due provision for incorporation of the requested information.
- 6.4 Applications for pre-qualification must be submitted by hand or by registered post so as to reach the office of the KMRCL by 15.00 hrs (IST) of 11.9.09. They will be opened at 16.00 hrs (IST) on the same day in the presence of applicants or their representatives, who desire to be present.

Late or delayed applications for any reason whatsoever including postal delay will not be received or considered.

- 6.5 Submissions shall be made in three sets of documents comprising one original and two copies duly marked and addressed to

Managing Director,
Kolkata Metro Rail Corporation Ltd.,
Munshi premchand Sarani,
(HRBC Bhawan), 4th & 5th floor
Kolkata 700 021.(INDIA)

All envelopes shall be titled "PRE-QUALIFICATION SUBMISSION FOR "CONTROL AND SIGNALLING, TELECOM AND LOW CURRENT SYSTEMS" and clearly marked in English, giving:

Name of Applicant:
Tender Number:

Copy Number (i.e. Original, copy 1 & copy 2).

- 6.6 Information supplied by an applicant (or each constituent member if the applicant is a group) must be relevant to the applicant or constituent member named in the application and not, unless specifically requested, to other associated companies or firms. Unless otherwise approved by KMRCL, *the formation of a joint venture after prequalification, and any change in a prequalified joint venture, will be subject to the written approval of KMRCL prior to the deadline for submission of bids. Such approval may be denied if (i) partners withdraw from a joint venture and the remaining partners do not need the qualifying requirements, (ii) the new partners to a joint venture are not qualified, individually or as another joint venture, or (iii) in the opinion of KMRCL, a substantial reduction in competition may result. Invitation to tender will only be issued to groups / consortium which comply with the above stipulations.*

- 6.7 A Group comprising a joint venture, partnership or consortium may apply for pre-qualification. In the case of applications from groups, a statement of participation for each constituent member shall be submitted to the effect that they are bona fide members of the group applying for pre-qualification and that, in the event of pre-qualification, they agree to be jointly and severally liable to KMRCL under any contract which may be subsequently awarded to the group. Details of the existing or proposed joint venture, partnership or consortium agreement in the form of a Memorandum of Understanding (MOU) signed by all participants will be required.
- 6.8 Applicants will be advised by the Employer in writing by fax or telex, within 90 days of the date for submission of applications, of the result of their application and of the names of the prequalified applicants, without being assigned any reason for the Employer's decision.
- 6.9 In responding to the pre-qualification submission, applicants shall demonstrate their capabilities, by providing material based on their experience, past performance, their personnel, equipment and financial resources, including:
- Capability to design to the requisite standard and to monitor and control installation work as also testing and commissioning for commercial operation.
 - Capability to programme and re-programme the design work and the manufacture work, including that of suppliers and sub-contractors, to monitor progress against programme and to utilise computer programming and monitoring techniques.
 - Capability to manage, supervise and undertake the design work, the manufacture, the installation and commissioning in a manner and to a quality commensurate with internationally accepted norms for the railway signalling / train control and telecommunication systems.
 - Capability to undertake and manage and co-ordinate contract interfaces.
 - Capability to execute the work in time by having adequate resources.
 - Capability to operate a design and construction quality control programme.
- In case the application is from a Joint Venture or Consortium, each member of the group should substantially satisfy the pre-qualification requirements for the system for which the member is participating.
- 6.10 Applicants will not on their own provide additional information or material subsequent to the date of submission, and such material if submitted will be disregarded and KMRCL will not entertain any dispute or claim in this behalf. However, KMRCL reserves the right to seek additional information / clarifications / documents as may be required for assessing the capabilities of the applicant & the applicant is bound to furnish such information.
- 6.11 All documents submitted by applicants shall be in the English Language. Submitted documents will not be returned.
- 6.12 Clarifications, if any, asked in writing only will be entertained by KMRCL. Last date for seeking such clarifications is 06.08.09. They will be replied within 16.08.09.

6.12.1 The tenderer must declare that he is affected by no potential conflict of interest and that it has no particular link with other tenderers or parties involved in the project. Should such a situation arise during the performance of the contract the tenderer must immediately inform KMRCL.

7.0 **Eligibility Criteria**

7.1 The individual or members of the group (could have been a member of some other consortium) in their respective roles should have successfully designed, manufactured, supplied, installed, tested and commissioned in the field of Signalling (ATO/ATP, Computer Based interlocking) at least-one Railway System (can have multiple lines) of minimum 10 Kms in total length, of which at least 5 Km should be outside the country of origin, in the last SEVEN years ending 30th June 2009. (Documentary proof from the client in support of the same must be submitted).

7.2 The individual or members of the group(could have been a member of some other consortium) in their respective roles should have successfully designed ,manufactured, supplied, installed, tested and commissioned in the field of Telecommunications (Fibre Optic Transmission System, Digital Exchange and Radio System) at least one Railway System (can have multiple lines) of at least 10 Kms in total length, in the last SEVEN years ending 30th JUNE 2009 (Documentary proof from the client in support of the same must be submitted).

7.3 The average annual Turn-over, in the last FIVE financial years ending 31st March 2008 (as per audited accounts) shall not be less than INR 1600 millions (USD 30 Millions) for the group as a whole. In the case of group, each JV/Consortium member as incorporated in the MOU shall be taken for calculation of the turn-over of the group, subject to the lead partner shall meet not less than 40% and other partners shall meet not less than 25% of the criterion.

7.4 KMRCL reserves the right to accept or reject any bid, to annul the bidding process and reject all bids, at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for the KMRCL action.

7.5 Should a tenderer or contractor have relative employed in Managerial Capacity in KMRCL or in case of partnership firm or Company incorporated under the Indian Company Law, should have a partner or relative of the partner or a shareholder be employed in responsible position in KMRCL, the authority inviting tender shall be informed of the fact at the time of submission of tender. If such a fact is suppressed at the time of tendering and comes to light at any time after the acceptance of tender, the contract may be rescinded.

8.0 **Corrupt or Fraudulent Practices:**

8.1 JICA requires that bidders and contractors, as well as KMRCL, under contracts funded with JICA ODA Loans and other Japanese ODA, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, JICA;

- (a) will reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
- (b) will recognize a contractor as ineligible, for a period determined by JICA, to be awarded a

contract funded with JICA ODA Loans if it at any times determines that the contractor has engaged in corrupt or fraudulent practices in competing for, or in executing, another contract funded with JICA ODA Loans or other Japanese ODA.

8.2 *The JAPAN INTERNATIONAL COOPERATION AGENCY (JICA), or BANK does not finance expenditures for goods or services which in the banks opinion have not been procured in accordance with agreed procedures in the Loan agreement, and the bank will cancel that portion of the loan allocated to goods and services that have been mis-procured. The Bank may in addition exercise other remedies under the Loan agreement. It is the Bank's, policy to require that Bidder and Contractors as well as borrower, under contracts funded with ODA loans of the Bank and other Japanese ODA observers the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy the Bank,*

- a) *Will reject a proposal for award if it determined that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.*
- b) *will recognise a contractor as ineligible for a period determined by the Bank to be awarded a contract funded with ODA Loans of the Bank if it at any time determines that the contractor has engaged in corrupt or fraudulent practices in competing for, ore in executing , another contract funded with ODA Loans of the Bank or other Japanese ODA.*

9.0 **Jurisdiction of Court in case of dispute or differences arising on account of this Tender**

(a) Any suit or application, arising out of any dispute or difference on account of this pre-qualification tender shall be filed in a competent court at Kolkata only and no other court or any other district of the country shall have any jurisdiction in the matter.

(b) Indian Arbitration and Conciliation Act of 1996 only will apply.

10.0 Conflict of Interest:

The applicant (including all members of a joint venture) shall not be one of the following:

- (i) A firm or an organisation which has been engaged by the Employer to provide consulting services for the preparation related to procurement for or implementation of this project.
- (ii) Any association/affiliates (inclusive of parent firms) of a firm or an organisation mentioned in paragraph (i) above.
- (iii) A contractor who lends, or temporarily seconds its personnel to firms or organisations which are engaged in consulting services for the preparation related to procurement for or implementation of the project, if the personnel would be involved in any capacity on the same project.

11.0 General

11.1 Prequalified bidders will be required to provide bid security in the form of a certified check, letter of credit, or a bank guarantee from a Scheduled Commercial bank of the Bidder's choice located in India for an amount of one percent of the estimated cost of the work. The successful bidder will be required to provide performance security. Examples of acceptable forms will be supplied with the bidding documents.

11.2 All tenders submitted after dead line for submission of tenders specified in this notification shall be deemed untimely submitted tenders and will not be taken into consideration. After opening of tenders is completed, untimely delivered un-opened tenders will be returned to tenderers.

11.3 Tender Documents which includes other details like:

PQ Evaluation Criteria

PQ Questionnaire along with annexure may be obtained from KMRCL as per PQ Tender Notification No. KMRCL/Tender No.1 S&T-PQ dated.07.07.09 on payment of non-refundable fee stipulated therein.

KOLKATA METRO RAIL CORPORATION LIMITED

KOLKATA E-W METRO RAIL PROJECT

**PRE-QUALIFICATION FOR DESIGN, MANUFACTURE, SUPPLY,
INSTALLATION, TESTING AND COMMISSIONING OF
CONTROL AND SIGNALLING, TELECOM AND LOW CURRENT
SYSTEMS FOR KOLKATA E-W METRO RAIL PROJECT**

TENDER NO. 1 S & T - PQ

PRE – QUALIFICATION EVALUATION CRITERIA

**KOLKATA METRO RAIL CORPORATION LIMITED
Munshi Premchand street
(HRBC Office Complex)
Kolkata 700 021
West Bengal
INDIA**

(A) INITIAL FILTER OF APPLICANTS – CHECKLIST

Applies for each member in case of Group/JV/Consortium (Except Sl. Nos. 1a, 1b and 2)

Name of Applicant: (Name of member in case of a Group/JV/Consortium)

Sl. No.	Criteria	Yes	No
1a	Has the consortium or it's members individually or jointly as member of other consortia in their respective roles successfully carried out the design, manufacture, supply, installation, testing and commissioning in at least one Railway System (can have multiple lines) of minimum 10 Kms in total length, in the last SEVEN years ending 30th JUNE 2009, in the field of Signalling - ATO/ATP, Computer Based Interlocking, at least 50% (i.e. 5.0 Kms) shall be outside the country of manufacture.		
1b	Has the consortium or it's members individually or jointly as member of other consortia in their respective roles successfully carried out, the design, manufacture, supply, installation, testing and commissioning in at least one Railway System (can have multiple lines) of minimum 10 Kms in total length, in the last SEVEN years ending 30th JUNE 2009, in the field of Telecommunications- Fibre Optic Transmission System, Digital Exchange and Mobile Radio System,		
2	Is the average annual Turn-over, in the last FIVE financial years ending 31st March 2008 (as per audited accounts) not less than INR 1600 millions for the group as a whole. In the case of group, each JV/Consortium member as incorporated in the MOU shall be taken for calculation of the turn-over of the group, subject to the lead partner shall meet not less than 40% and other partners shall meet not less than 25% of the criterion.		
3	Has the Applicant abandoned any work in the last ten years?		
4	Has any of the merged / acquired companies of the applicant ever failed to complete any work awarded to it in a period of 5 years prior to it being merged / acquired ?		
5	Has the Applicant been involved in frequent litigations in the last ten years?		
6	Has the Applicant delayed any work in the last ten years by more than 25 % of the original period of completion due to his default?		
7	Has the Applicant suffered bankruptcy/insolvency in the last ten years? (Verification statement-No.31)		
8	Has the Applicant been blacklisted by any organization?		
9	Has the Applicant been penalized for poor quality of work in the last ten years?		
10	Has any misleading information been given in the application?		
11	Is the Net worth of the applicant positive? (as per latest audited accounts)		
12	Has the applicant certified that no agent / middleman has been or will be engaged or has any agency commission been or will be paid?(Verification statement-No.28)		
13	Has the Applicant submitted duly filled(Verification statement-No.29)		

Note : (i) Applicant is considered to have 'passed' the initial filter if the answer is **Yes** for criteria at Sl.Nos 1(a), 1(b), 2, 11,12 and 13 and **No** for criteria at Sl.Nos. 3 to 10.

(ii) If an applicant does not pass in the initial filter, no further evaluation will be carried out.

(B) **BID CAPACITY EVALUATION**

DELETED

(C) ASSESSMENT SCORE

The Evaluation Team will first see whether the applicant passes the 'initial filter of applicants - checklist. The items included in this initial filter are given in (A) above. Further evaluation will be taken up only of those applicants who pass the initial filter.

(a) The technical and organizational capability, experience, financial soundness, design capability and availability of equipment are of much significance. Accordingly the list of topics to be assessed is given in the Table 1 below:

TOPIC NO.	ASSESSMENT TOPIC
T ₁	Liquidity and Banking reference
T ₂	Profitability
T _{2A}	Net worth
T ₃ , T _{3A}	Academic Qualifications and Experience of Key staff
T ₄	Capability in Management of projects with technical interfaces
T ₅ , T _{5A}	Utilization of CAD systems and other engineering programs, models, etc.
T _{5B}	Design Resources
T ₆	Use of Quality Assurance programs
T ₇	Manufacturing facilities and Infrastructure
T ₈	Testing facilities
T ₉	Length of time in business
T ₁₀	Average annual Turnover
T ₁₁ , T _{11A} and T ₁₂	Number of projects (contracts) completed in last 10 years of similar nature.
T ₁₃	Reliability / Availability data of projects to show equipment performance.

(b) The assessment topics have been designed to meet the requirements of the contract:

T₁ Liquidity and Banking reference: These are important to indicate the financial standing of the applicant and access to credit facilities.

T₂ Profitability: Will be obtained from the audited accounts that each applicant must provide.

T_{2A} Net worth: Will be obtained from the audited Balance Sheets (Annex. 3 of the PQ Questionnaire)

T₃ } The applicant must have well qualified and experienced personnel to undertake this contract.
T_{3A} }

T₄ The applicant must be able to manage a complex project with many interfaces.

T₅ } This topic evaluates the ability and experience in the use of efficient and accurate
T_{5A} } design and validation methods.
T_{5B} } The design resources of the applicant should be evaluated

T₆ Quality of the consultant's output is essential for the KMRCL to achieve its goals. The consultant must possess and practice a QC programme.

T₇ Manufacturing capability should consider manufacturing plants available for manufacture, assembly and factory testing of equipment and sub-systems.

T₈ Extensive field testing and commissioning including obtaining government approval will be required and Applicants available staff and experience would be evaluated.

T₉ Length of time in business: A new firm will not have adequate experience; a long established firm will be anxious to protect its reputation Hence this is an important consideration.

T₁₀ This shows the annual turn-over of the applicant.

T₁₁ } This shows the experience of the applicant in completing works of the type envisaged.
T_{11A} }
T₁₂ }
T₁₃ } This topic will evaluate the performance of the systems installed by **the Applicant**.

(c) Assessment score

This is based on the Weightage given to each topic relative to the whole of the pre-qualification topics. While generally the Weightage and scoring for each topic has been split up among major sub-systems of this contract namely Signalling and Telecommunication, for some assessment topics, (T₁, T₂, T_{2A}, T₄) no such split is needed and weightage has been given for the Group as a whole.

Topic No.	Assessment Topic	PASS / FAIL For the Group as a whole
I	Financial Standing	
T ₁	Liquidity and Banking reference.	
T ₂	Profitability*	
T _{2A}	Networth	

* JV members must satisfy individually this criteria.

Topic No.	Assessment Topic	For the Group as a whole Weightage	Signalling / Train Control Weightage	Telecommunications Weightage
II	Technical and Organizational Capability			
T ₃	Academic Qualifications of key staff	1	1	1
T _{3A}	Experience of Key staff	1	5	5
T ₄	Capability in Management of projects with technical interfaces	3		
T ₅	Availability of CAD work stations		1	1
T _{5A}	Programmes available		2	1
T _{5B}	Design Resources		2	2
T ₆	Use of Quality Assurance programs		2	1
	Total II	29 = (5+13+11)		

Topic No.	Assessment Topic	Signalling / Train Control Weightage	Telecommunications Weightage
III	Facility Capacity		
T ₇	Manufacturing facility available	6	5
T ₈	Test facility	3	2
	Total III	16 = (9 + 7)	

Topic No.	Assessment Topic	Signalling / Train Control Weightage	Telecommunications Weightage
IV	Experience Record		
T ₉	Length of time in business	1	1

Topic No.	Assessment Topic	Signalling / Train Control Weightage	Telecommunications Weightage
T ₁₀	Average annual Turnover	PASS / FAIL	PASS / FAIL
T ₁₁	Number of Projects completed in last 10 years	5	3
T _{11A}	Rolling Stock ATP / ATO System Interfacing	2	
T ₁₂	Number of projects (contracts) of similar technology completed on mass rail transit	5	3
T ₁₃	Equipment performance	3	3
	Total IV	26 = (16+10)	
	TOTAL	71	

The points scored will be based on:

Excellent	=	3
Good	=	2
Average	=	1
Poor	=	0

However, the above four gradations are not necessary for all the assessment topics.

Note: In case of JV/amp/consortium, the evaluation against the individual assessment topic will be done based more on the technical requirements (and non financial) of the project.

- For Sr.nos ii) below, JV Members must comply individually with the following criteria, except T1 and T2A.
- For Sr.nos iii), iv) and v) below, JV Members must comply individually with the following criteria.

SI. No	Particulars	For topic No.
i)	The lead partner shall meet not less than 40% and other partners shall meet not less than 25% of the criterion.	T10
ii)	Consideration in totality of group (Percentage participation not considered)	T1, T2A, T3, T3A, T4, T5, T5A, T5B,
iii)	All members of the group to satisfy the 'particular stipulation' to get the points allotted to that 'stipulation'.	T2, T6, T7, T8, T11, T11A, T12,
iv)	Points will be averaged for the group (simple arithmetic average) and rounded off to the lower whole number.	T9
v)	Average of Best four in the last ten years for each constituent member of the applicant and then simple arithmetic average taken and rounded off to the lower whole number.	T13

(D) BASIS FOR WEIGHTAGE

The weightage has been determined by the importance of the Topic as considered by KMRCL.

Basis for awarding points

The purpose of the 'point system' is to be able to put the Applicants into a "pecking order" of capability. Therefore, whilst there may be some subjective consideration as to what constitutes the award of points, as much as possible, criteria for awarding points is based on the response of the Applicant to the Questionnaire. It must be appreciated that the answer to some Topics are a Yes or No answer, with only 3 points or 0 points awarded.

The basis for award of points is as follows:

T1 Liquidity:

It is necessary that the firm in case of JV can withstand the Cash Flow criterion that the contract will require until payment received from Employer. Lead partner, meeting not less than 40% of the requirement, and by the other partner not less than 25%. Liquidity therefore becomes an important consideration

It is necessary that the firm can withstand the Cash Flow that the contract will require until payment received from KMRCL. Liquidity therefore becomes an important consideration. This can be seen from the balance sheets and from the banking reference. Net current assets (current assets + loans and advances) – (current liabilities + provisions) and documents including banking reference, should show that the applicant has access to or has available liquid assets, lines of credit and other financial means to meet cash flow of Rs. 200 million (USD 4 million) or 6 months cash flow, whichever is higher, net of applicants commitments for other Contracts. However, Banking reference 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 Rs. 200 million for this work to the applicant.

The following documents should be submitted in respect of each constituent, whether applying individually or as part of a group:

1. Audited accounts for each of the last five full accounting periods together with their Auditor's Certificate. Such accounts shall include the Profit and Loss statement and the Balance Sheet.
2. A financial statement covering the period between the end of the last full accounting period and the end of March 2008. This statement should indicate all significant financial matters subsequent to the end of the last full accounting period. Additionally, the financial statement should indicate any significant off balance sheet liabilities, including contingent liabilities. The financial statement should be signed by the Managing Director or Company Secretary of the respective company.
3. If an applicant (or member of a group) is wholly or significantly owned by a holding or parent companies, the information relating to audited accounts and financial statement (as described above) shall be provided for such intermediate or ultimate holding or parent companies. This information shall be provided in respect of all applicants, whether applying individually or as group together with Auditor's certification.

4. In respect of all applicants (whether applying individually or as part of a group) and all holding or parent companies thereof, a banker's reference (in English) should be provided from the applicant's or company's principal bank in its country of incorporation or registration. Such reference should indicate the financial standing of the applicant and access to lines of credit of other financial resources.

Adequate Liquidity	PASS	Rs 200 million or more. or 6 months' cash flow whichever is more
Inadequate Liquidity	FAIL	Otherwise FAIL

T2. Profitability:

The same condition applies as in T1, taken from the Balance sheets:
Earnings before tax but after interest,

Positive in <i>last five years</i>	PASS
Otherwise	FAIL

T2A. Net worth:

Net worth (as per the latest audited accounts) to be obtained from Annexure 3 :

\geq Rs 600 million	PASS
Otherwise	FAIL

- T3** Academic Qualifications of key *staff proposed for this contract* limited to 20 in number (Group as a whole 6 + Signalling 7 + Telecom 7) to cover the following disciplines:

	Group	Signalling/ Train Control	Telecom
<i>Project Manager</i>	1		
Design Engineers		2	2
Electrical Engineer	1		
Signal Engineers		3	
Telecom Engineers			3
Mechanical Engineer	1		
Quality Assurance Specialist	1		
Safety Officer	1		
<i>System Integrators</i>		1	1
Procurement Specialist	1		
Installation Specialists		1	1
Total	6	7	7

Post Graduates \geq 25% and balance graduates	= 3 points
Graduates or equivalent \geq 75%	= 2 points
Graduates or equivalent \geq 50% and < 75%	= 1 point
Graduates or equivalent < 50%	= 0 points

T _{3A}	Average experience of key staff (Group as a whole 6 + Signalling 7 + Telecom 7) in the above fields		
	≥ 15 years	=	3 points
	≥10 years and < 15 years	=	2 points
	≥ 5 years and < 10 years	=	1 point
	< 5years	=	0 points

T₄ The capability in management of complex projects with technical interfaces is evaluated, along with the qualification and experience of the management team including the Team Leader. This is to a certain extent subjective, but has medium weightage.

Excellent	=	3 points
Good	=	2 points
Average	=	1 point
Poor	=	0 points

T₅ Design Facilities are a function of the capability to perform the Task. CAD stations are the critical factor.(Ref: SI.No.26a *PROFORMA SECTION 6*-general)

Signalling & Train Control

CAD work stations ≥ 30	=	3 points
CAD work stations ≥ 25 and < 30	=	2 points
CAD work stations ≥ 20 and < 25	=	1 point
CAD work stations < 20	=	0 points

Telecommunications

CAD work stations ≥ 30	=	3 points
CAD work stations ≥ 25 and < 30	=	2 points
CAD work stations ≥ 20 and < 25	=	1 point
CAD work stations < 20	=	0 points

T_{5A} Programmes available (Ref: SI.No.15 *PROFORMA SECTION 2*).

Signalling & Train Control

Telecommunications

<i>More than adequate</i>	= 3 points	<i>More than adequate</i>	= 3 points
<i>Adequate</i>	= 2 points	<i>Adequate</i>	= 2 points
<i>Marginally adequate</i>	= 1 point	<i>Marginally adequate</i>	= 1 point
<i>Inadequate</i>	= 0 points	<i>Inadequate</i>	= 0 points

T_{5B} Design resources are evaluated primarily on *personnel* available for the Project in the categories of Design Engineer and Signal Engineer or Telecomm Engineer as the case may be (Ref: Q 19. *PROFORMA SECTION 4*, 3rd column 'Total Numbers Available').

Points	No. of Staff in these categories	
	<u>Signalling & Train Control</u>	<u>Telecommunications</u>
3	≥15	≥ 10
2	≥10 and < 15	≥ 5and < 10
1	≥ 5 and < 10	≥ 3and <5
0	< 5	< 3

T₆ Quality Assurance Programme in place. This is a major requirement and can only be assessed as existing or non-existing. (Ref: Q 26b. *PROFORMA SECTION 6*)

Possesses QA Programme certified by ISO	=	3 points
Follows internal QA Programme	=	2 points
Does not have QA Programme	=	0 points

T₇ Manufacturing resources should consider in-house manufacturing, assembly, factory testing and inspection facilities (Ref: Q 26a *PROFORMA SECTION 6*)

Excellent	=	3 points
Good	=	2 points
Marginal	=	1 point
Poor	=	0 points

T₈ Field testing and commissioning, is an important aspect. Applicant's available staff and experience in the categories of System Integration and installation specialists will determine the capacity for field testing. (Ref: Q 26a *PROFORMA SECTION 6*)

Excellent	=	3 points
Good	=	2 points
Marginal	=	1 point
Poor	=	0 points

T₉ Length of time in business is an indication of the firm's business stability, reputation and suitability (Ref: Q 16 (a) and 16(b) *PROFORMA SECTION 3*)

Signalling & Train Control

≥ 15 years	=	3 points
≥ 12 years and < 15 years	=	2 points
≥ 10 years and < 12 years	=	1 point
< 10 years	=	FAIL

Telecommunications

≥ 15 years	=	3 points
≥ 10 years and <15 years	=	2 points
≥ 5 years and <10 years	=	1 point
< 5 years	=	0 points

T₁₀ Average annual turnover over the last 5 years (in terms of rupee equivalents adjusted to 31.3.08 by assuming 10% escalation for IR and 2% for foreign currency per year).

<u>Signalling & Train Control</u>		<u>Telecommunications</u>	
≥ Rs 1000 million	PASS	≥ Rs 600 million	PASS
Otherwise	FAIL	Otherwise	FAIL

T₁₁ Number of Contracts of comparable technology completed in the last 10 years

Points	Signalling and train control with or without ATP / ATO	Telecommunications
3	3 or more contracts , each costing Rs. 1000 million or more	6 or more contracts , each costing Rs.600 million s or more
2	2 contracts , each costing Rs. 1000 million or more	4 or more contracts , each costing Rs.600 million or more
1	1 contract , costing Rs. 1000 million or more	2 or more contracts , each costing Rs.600 million or more
0	Other than above	Other than above

T_{11A} Number of contracts with Rolling Stock ATP / ATO System Interfacing completed in the last 10 years.

3 or more contracts, each costing Rs. 400 million or more	=	3 points
2 contracts, each costing Rs. 400 million or more	=	2 points
1 contract, costing Rs. 400 million or more	=	1 point
Other than above	=	0 points

T₁₂ Number of contracts of similar technology, on mass rail transit completed in the last 10 years.

3 or more contracts , each costing Rs.500 million or more	=	3 points
2 contracts , each costing Rs. 500 million or more	=	2 points
1 contract , costing Rs. 500 million or more	=	1 point
Other than above.	=	0 points

T₁₃ The reliability/availability data is a measure of the equipment performance and the evaluation of applicant's data may require some degree of subjectivity and will be assessed on the basis of information supplied in Annexure. 1 of the questionnaire.

Excellent	=	3 points
Good	=	2 points
Marginal	=	1 point
Poor	=	0 points

(E) Summary of Evaluation Criteria

The evaluation will be made on Pass/Fail criteria only.

An applicant would be considered to have obtained a 'PASS' in the Pre-Qualification Criteria, if he meets all the following requirements:

- A PASS in Initial Filter checklist;
- A PASS in **all three items viz. T1, T2, T2A** under Financial Standing in Topic No I
- Minimum 50% marks in each of the topics II, III, IV, except T10 (Technical and Organizational Capability, Facility, Capacity and Experience Record).= PASS otherwise FAIL
- Minimum 60% in the aggregate (topics II+III+ IV, except T10).= PASS otherwise FAIL
- T10, Average annual turnover of
 - Rs1000 million or more = PASS otherwise FAIL for Signalling & Train Control
 - Rs600 million or more = PASS otherwise FAIL for Telecommunications

f) In the items exclusive to Signalling and train control, station signalling and Telecommunications, the applicant must secure 50% in each concerned category viz.,

(i) *Signalling/Train Control, station signalling and*

(ii) *Telecommunications*

in each of the topics II, III and IV (in topic II, it will be excluding 'group', and T10)

Otherwise - FAIL

A N D

60% in the aggregate of topics II+III+IV (except T10)

Otherwise - FAIL

CONTENTS OF EACH SECTION

SECTION NUMBER	CONTENTS OF EACH SECTION	REMARKS
1.	<p><u>Pro-Forma – General</u> Letter of Application</p>	Pro-forma letters are at pages 31 to 32 of this document
	Completed Pre-qualification Questionnaire	The Pre-qualification Questionnaire is available from pages 33 to 49 of this document.
2.	<p><u>Pro-forma - Section 2</u> Memorandum and Articles of Association, or Partnership Deeds</p>	A copy in English of the Memorandum and Articles of Association (or equivalent) for an incorporated applicant (or in the case of a group, for each corporation forming a part of the applicant)/partnership Deeds.
	<p>Documents relating to a joint venture, partnership or consortium.</p> <p>(a) Statement of participation from constituent members. (b) Details of previous collaborations. (c) Specimen Joint Venture, partnership, or consortium agreement and/or other documents establishing or intending to establish the formation of such group. (d) Details of proposed equity / other participation and areas of specialization.</p>	Applicant's attention is drawn to paragraph 5.7 of the Enquiry Document. A proforma statement of participation to be completed by each member is on page 33 of this document.
	Particulars of the authority which empowers the person or persons signing the letter of application, (and if appropriate, the statement of participation from constituent members of groups) to represent the applicant.	KMRCL desires that applications are submitted under the signature(s) of persons who properly represent the applicant. Accordingly, copies (at this stage unattested) of such documents as powers of attorney, signed minutes of board meetings confirming board resolutions, current published lists of executive directors, etc should be submitted.
3.	<p><u>Pro-forma - Section 3</u> Documents relating to performance, current contracts, relevant experience.</p>	The applicant shall submit details in support of statements in the Questionnaire or annexes thereto, which relate to performance, current contracts and relevant experience.
4.	<p><u>Pro-forma - Section 4</u> Documents relating to Staff.</p>	The applicant shall submit details in support of statements in the Questionnaire or annexes thereto which relate to its management organization (existing or, in the case of new groups proposed), and of staff/principal or key members of staff as provided in the Questionnaire.

5.	<u>Pro-forma - Section 5</u> Documents relating to ownership and control of an applicant (or, in the case of a group, each constituent member)	Details shall be submitted giving full details of the ownership and control of the applicant (or, in the case of a group, each constituent member).
	Documents relating to the financial condition of an applicant (or, in the case of a group, each constituent member)	The following documents should be submitted in respect of each consultant, whether applying individually or as part of a group : <ol style="list-style-type: none"> 1. Audited accounts for each of the last five full accounting periods together with their Auditor's Certificate. Such accounts shall include the Profit and Loss statement and the Balance Sheet. 2. A financial statement covering the period between the end of the last full accounting period and the end of March 2008. This statement should indicate all significant financial matters subsequent to the end of the last full accounting period. Additionally, the financial statement should indicate any significant off balance sheet liabilities, including contingent liabilities. The financial statement should be signed by the Managing Director or Company Secretary of the respective company.
	Document relating to the holding or parent company of an applicant (or, in the case of group, each constituent member).	If an applicant (or member of a group) is wholly or significantly owned by a holding or parent companies, the information relating to audited accounts and financial statement (as describe above) shall be provided for such intermediate or ultimate holding or parent companies. This information shall be provided in respect of all applicants, whether applying individually or as group together with Auditor's certification.
	Document including banking reference to demonstrate that the applicant has the liquidity to meet the requisite cash flow, after meeting requirements for known commitment	In respect of all applicants (whether applying individually or as part of a group) and all holding or parent companies thereof, a bankers reference (in English) should be provided from the applicant's or company's principal bank in its country of incorporation or registration. Such reference should indicate the financial standing of the applicant and access to lines of credit of other financial resources
6.	<u>Proforma Section 6</u> Documents relating to sub-contracting	The applicant shall submit details in support of statements in the Questionnaire or Annexes thereto, which relate to sub-contracting.
	Documents relating to design procurement	The applicant shall submit details in support of statements in the Questionnaire or Annexes thereto, which relate to the design team.
	Documents relating to manufacture and supply of major items of equipment and sub-systems, Quality Assurance and Cost Control.	The applicant shall submit details in support of statements in the Questionnaire or Annexes there to, which relate to Question 26.

PRO-FORMA LETTER OF APPLICATION (on Firm's Letter Head)

The Managing Director,
Kolkata Metro Rail Corporation,
Munshi Premchand Sarani
(HRBC Office Complex)
Kolkata 700 021
India.

(Applicant to provide date and reference)

APPLICATION FOR PRE-QUALIFICATION
TENDER NUMBER - 1 S & T - PQ

Dear Sir,

We hereby make application for pre-qualification as a *tenderer, duly marked 'original', copy 1 and copy 2, of the design,* manufacture, supply, installation, testing, and commissioning of Signalling/Train Control & Communication Systems Tender No.1. S&T – PQ. In support of the application we submit herewith one original and two copies of the required documents.

(In the case of other than a sole proprietorship firm add this following paragraph)

A Power of Attorney to sign and submit this letter is attached.

(In the case of a joint venture/partnership/consortium add this paragraph)

This application is submitted on behalf of a joint venture/partnership/consortium (delete as appropriate) comprising (applicant to state the name of each member)and of which (insert name of leading member of joint venture / partnership/consortium) has agreed to act as leader. Each member has prepared a statement of participation in relation to this application and these are contained in Section 2 herewith.

Yours faithfully,

..... (Signature)

Name of signatory:

Capacity of signatory:

Name and address of applicant (or of leader if applicant is a group)

PRO-FORMA LETTER OF PARTICIPATION FROM EACH MEMBER OF A GROUP
(On each Firm's Letter Head)

The Managing Director,
Kolkata Metro Rail Corporation,
Munshi Premchand Sarani
(HRBC Office Complex),
Kolkata 700 021
India.

(Applicant to provide date and reference)

Dear Sir,

APPLICATION FOR PRE-QUALIFICATION
TENDER NUMBER. 1 S & T - PQ

We wish to confirm that our company/firm (delete as appropriate) has formed/intends (delete as appropriate) to form a group with (member to insert names of all other members of the group) for purposes associated with Tender No.1 S&T – PQ.

(Members who are not the lead member of the group should add the following paragraph).

The group is led by (member to insert name of lead member) whom we hereby authorise to act on our behalf for the purposes of applying for pre-qualification.

(Members being the lead member of the group should add the following paragraph)

In this group we act as leader and, for the purposes of applying for pre-qualification, represent the group.

In the event of our group being invited to tender for Tender No.2 S&T – DM we agree to be jointly (with other members of our group) and severally liable to Kolkata Metro Rail Corporation Ltd. (KMRCL), its successors and assigns for all obligations, duties and responsibilities arising from or imposed by any contract subsequently entered into between KMRCL and our group.

Yours faithfully,

(Signature)

(Name of Signatory)

(Capacity of Signatory)

KOLKATA METRO RAIL CORPORATION LIMITED

KOLKATA E-W METRO RAIL PROJECT

**PRE-QUALIFICATION FOR DESIGN, MANUFACTURE, SUPPLY,
INSTALLATION, TESTING AND COMMISSIONING OF
CONTROL AND SIGNALLING, TELECOM AND LOW CURRENT
SYSTEMS FOR KOLKATA E-W METRO RAIL PROJECT**

TENDER NO. 1 S & T - PQ

PRE - QUALIFICATION QUESTIONNAIRE

**KOLKATA METRO RAIL CORPORATION LIMITED
MUNSHI PREMCHAND STREET
(HRBC OFFICE COMPLEX)
KOLKATA 700 021
WEST BENGAL
INDIA**

PRE - QUALIFICATION QUESTIONNAIRE

Notes:

Each page of the Questionnaire and contents of Sections shall be signed by the Applicant.

1. **This entire Questionnaire pro-forma, shall be completed in all respects.**
2. Questionnaire pro-forma relating to the various sections shall be incorporated in the respective sections (i.e. Pro-forma section 2 (replies to questions 9 to 14) will be included in the contents of section 2.)
3. In the box

Y	N
---	---

, 'Y' denotes Yes and 'N' denotes No. Please tick mark Y or N whichever is applicable or write Yes or No explicitly, as the case may be.
4. The PQ Document submitted shall be numbered sequentially and the page number of each answer should be noted against the respective item below.

PRO-FORMA SECTION - I - GENERAL

1.	Tender reference for which pre-qualification is sought. <p style="text-align: right;">TENDER NUMBER, 1 S & T - PQ</p>																								
2.	Title of contract for which Pre - Qualification is sought: DESIGN, MANUFACTURE, SUPPLY, INSTALLATION TESTING AND COMMISSIONING, OF CONTROL AND SIGNALLING, TELECOM AND LOW CURRENT SYSTEMS INCLUDING TRAINING OF PERSONNEL.																								
3.	State the structure of the applicant's organisation (applicants to complete/delete as appropriate) Individual company or firm Joint venture Partnership Consortium Other (please specify)																								
4.	For applicants who are individual companies or firms, state the following: Name of Company or firm: Legal status: (e.g. incorporated private company, unincorporated business, etc.) Registered address: Principal place of business: Country of incorporation or domicile: Contact person: Contact person's title: Address, telephone and facsimile number of contact person:																								
5.	For applicants who are in joint venture, partnership, consortium or other association. State the following: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%; text-align: left;">Names of members (lead member first):</th> <th style="width: 20%; text-align: left;">Legal status:</th> <th style="width: 25%; text-align: left;">Registered address and principal place of business:</th> <th style="width: 25%; text-align: left;">Country of Incorporation or Domicile.</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>.....</td> <td>.....</td> <td>.....</td> </tr> <tr> <td>(2)</td> <td>.....</td> <td>.....</td> <td>.....</td> </tr> <tr> <td>(3)</td> <td>.....</td> <td>.....</td> <td>.....</td> </tr> <tr> <td>(4)</td> <td>.....</td> <td>.....</td> <td>.....</td> </tr> <tr> <td>(etc)</td> <td>.....</td> <td>.....</td> <td>.....</td> </tr> </tbody> </table> Contact person (from lead member) Contact person's title: Address, telephone, and facsimile number of contact person:	Names of members (lead member first):	Legal status:	Registered address and principal place of business:	Country of Incorporation or Domicile.	(1)	(2)	(3)	(4)	(etc)
Names of members (lead member first):	Legal status:	Registered address and principal place of business:	Country of Incorporation or Domicile.																						
(1)																						
(2)																						
(3)																						
(4)																						
(etc)																						

5a.	In case of mergers / acquisition within the past 5 Years, state the following:																								
Name of the Applicant (Each member in case of group)	Name of the companies merged with or acquired by the applicant (Member in case of group) and the dates of merger / acquisition																								
	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%; text-align: center;">Name</th> <th style="width:40%; text-align: center;">Date of Merger</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">•</td><td></td></tr> <tr><td style="text-align: center;">•</td><td></td></tr> <tr><td style="text-align: center;">•</td><td></td></tr> <tr><td style="text-align: center;">•</td><td></td></tr> <tr><td style="text-align: center;">•</td><td></td></tr> <tr><td style="text-align: center;">•</td><td></td></tr> <tr><td style="text-align: center;">•</td><td></td></tr> <tr><td style="text-align: center;">•</td><td></td></tr> <tr><td style="text-align: center;">•</td><td></td></tr> <tr><td style="text-align: center;">•</td><td></td></tr> <tr><td style="text-align: center;">•</td><td></td></tr> </tbody> </table>	Name	Date of Merger	•		•		•		•		•		•		•		•		•		•		•	
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6.	<p>For the applicant, (in case of group, for each constituent member), state the following information:</p> <p>Date of incorporation of organisation.</p> <p>Names and Titles of Directors or partners.</p> <p>Has the company or firm ever abandoned any work awarded to it in last 10 years? If Yes give explanation. <table border="1" style="border-collapse: collapse;"><tr><td style="width: 20px; text-align: center;">Y</td><td style="width: 20px; text-align: center;">N</td></tr></table></p> <ul style="list-style-type: none"> • In case of mergers / acquisitions, has any of the merged / acquired Companies of the applicant (or any constituent member in case of Group), ever abandoned any work awarded to it prior to its being merged / acquired in the last 5 years. <table border="1" style="border-collapse: collapse;"><tr><td style="width: 20px; text-align: center;">Y</td><td style="width: 20px; text-align: center;">N</td></tr></table> <p style="margin-left: 20px;">If yes give explanations.</p> • Is the firm or company involved or financially interested in any other Business not directly associated with the area of work for which pre-qualification is sought? If yes, give details. <table border="1" style="border-collapse: collapse;"><tr><td style="width: 20px; text-align: center;">Y</td><td style="width: 20px; text-align: center;">N</td></tr></table> <p>Does the company or firm have an office or branch office in India? If so, provide address(es) <table border="1" style="border-collapse: collapse;"><tr><td style="width: 20px; text-align: center;">Y</td><td style="width: 20px; text-align: center;">N</td></tr></table></p> <ul style="list-style-type: none"> • (Applicants are to present this information on sheets which are to be clearly referenced as 'being in response to this Question 6'.) 	Y	N	Y	N	Y	N	Y	N																
Y	N																								
Y	N																								
Y	N																								
Y	N																								
7.	<p>Does your company (in case of a group, each constituent member) combine the functions of a designer with those of manufacturer? Please elaborate. <table border="1" style="border-collapse: collapse;"><tr><td style="width: 20px; text-align: center;">Y</td><td style="width: 20px; text-align: center;">N</td></tr></table></p> <p>.....</p>	Y	N																						
Y	N																								
8.	<p>In case of International applicants, is an Indian partner experienced in an appropriate discipline, a member of the Group?</p> <ul style="list-style-type: none"> • If Yes, provide list of disciplines / products. <table border="1" style="border-collapse: collapse;"><tr><td style="width: 20px; text-align: center;">Y</td><td style="width: 20px; text-align: center;">N</td></tr></table> <p>.....</p> <ul style="list-style-type: none"> • If No, give reasons for exclusion. <p>.....</p>	Y	N																						
Y	N																								

PRO-FORMA SECTION 2

<p>9.</p>	<p>Does Section 2 contain Power of Attorney which empowers the person or persons to sign and submit the letter of application on behalf of the applicant and, if applicable, the statements of participation on behalf of all constituent members of the group?</p> <p>If not, give reasons.</p> <p>.....</p>	<table border="1"> <tr> <td>Y</td> <td>N</td> </tr> </table>	Y	N																		
Y	N																					
<p>10.</p>	<p>In the case of an incorporated applicant (or constituent members who are incorporated) does Section 2 contain copies, in English, of the Memorandum and Articles of Association or equivalent expression of corporate capacity?</p> <p>If not, give reasons.</p> <p>.....</p>	<table border="1"> <tr> <td>Y</td> <td>N</td> </tr> </table>	Y	N																		
Y	N																					
<p>11.</p>	<p>In the case of applications from groups, does Section 2 contain statements of participation in the form appearing in the Pre-qualification Brochure for each member?</p> <ul style="list-style-type: none"> In the case of groups have you enclosed a MOU signed by each member that they will be jointly and severally responsible for the entire work? <p>If not, give reasons.</p> <p>.....</p>	<table border="1"> <tr> <td>Y</td> <td>N</td> </tr> </table>	Y	N																		
Y	N																					
<p>12.</p>	<p>Have there been previous collaborations between constituent members?</p> <ul style="list-style-type: none"> If yes, give details. <p>.....</p>	<table border="1"> <tr> <td>Y</td> <td>N</td> </tr> </table>	Y	N																		
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<p>13.</p>	<p>In the case of applications from groups, does Section 2 contain copies of the MOU, group agreements or other documents establishing or intending to establish the formation of such a group?</p> <p>If not, give reasons.</p> <p>.....</p>	<table border="1"> <tr> <td>Y</td> <td>N</td> </tr> </table>	Y	N																		
Y	N																					
<p>14.</p>	<p>In the case of applications from groups, does Section 2 contain details of:</p> <ul style="list-style-type: none"> Proposed equity participation by each constituent member for the proposed work? Areas of specialisation/responsibility of each member for the proposed work? <p>Extent of participation (including deployment of major plant items and key personnel) by each member for the proposed work?</p> <ul style="list-style-type: none"> Have you provided detailed information of the sub-systems, viz. Signalling/ Train Control and Communications, System, Closed Circuit TV System, etc., to be designed and or manufactured by each member? If the answer to any question is no, please give reasons. <p>.....</p>	<table border="1"> <tr> <td>Y</td> <td>N</td> </tr> </table>	Y	N																		
Y	N																					
<p>15.</p>	<table border="0"> <tr> <td style="text-align: center;">Signalling</td> <td style="text-align: center;">Tele-Communications</td> </tr> <tr> <td>1</td> <td>1</td> </tr> <tr> <td>2</td> <td>2</td> </tr> <tr> <td>3</td> <td>3</td> </tr> <tr> <td>4</td> <td>4</td> </tr> <tr> <td>5</td> <td>5</td> </tr> <tr> <td>6</td> <td>6</td> </tr> <tr> <td>7</td> <td>7</td> </tr> <tr> <td>8</td> <td>8</td> </tr> </table> <p>Give brief details for appreciation of client.</p>	Signalling	Tele-Communications	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	<table border="1"> <tr> <td>Y</td> <td>N</td> </tr> </table>	Y	N
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		<table border="1"> <tr> <td>Y</td> <td>N</td> </tr> </table>	Y	N																		
Y	N																					

PRO-FORMA SECTION 3

16a.	<p>State the number of years the applicant (or each constituent member) has been in business under the business name appearing in the answer to question 4 or 5 above.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%; border-right: 1px solid black; padding: 5px;"> <p>Name</p> <p>(1)</p> <p>(2)</p> <p>(3)</p> <p>etc.</p> </td> <td style="width: 40%; padding: 5px;"> <p>No. of years</p> <p>.....</p> <p>.....</p> <p>.....</p> </td> </tr> </table>	<p>Name</p> <p>(1)</p> <p>(2)</p> <p>(3)</p> <p>etc.</p>	<p>No. of years</p> <p>.....</p> <p>.....</p> <p>.....</p>
<p>Name</p> <p>(1)</p> <p>(2)</p> <p>(3)</p> <p>etc.</p>	<p>No. of years</p> <p>.....</p> <p>.....</p> <p>.....</p>		
16b.	<p>State the number of years the applicant (or each constituent member) has been undertaking works, similar in scope and nature, to the works, for which pre-qualification is sought.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%; border-right: 1px solid black; padding: 5px;"> <p>Name</p> <p>(1)</p> <p>(2)</p> <p>(3)</p> <p>etc.</p> </td> <td style="width: 40%; padding: 5px;"> <p>No. of years</p> <p>.....</p> <p>.....</p> <p>.....</p> </td> </tr> </table>	<p>Name</p> <p>(1)</p> <p>(2)</p> <p>(3)</p> <p>etc.</p>	<p>No. of years</p> <p>.....</p> <p>.....</p> <p>.....</p>
<p>Name</p> <p>(1)</p> <p>(2)</p> <p>(3)</p> <p>etc.</p>	<p>No. of years</p> <p>.....</p> <p>.....</p> <p>.....</p>		
17a.	<p>Performance Record. Applicants should scrutinise the contract description contained in this Pre-qualification Brochure and compile a list showing their previous experience of similar contracts completed during the last ten years. The applicant must demonstrate experience in all areas covered by this Contract including design, manufacture, supply, installation testing and commissioning of systems of sizes and technology comparable to those contemplated under this contract and also show capability of full integration of sub-systems with Rolling Stock and other project elements. Ability to provide these systems in a short time period on schedule must be demonstrated. Further information and literature associated with system performance and reliability, together with technology transfer achieved on previous contracts and relevant experience of the applicant and each constituent member shall be clearly referenced and enclosed in Section 3. In case of acquisitions / mergers, similar information should be supplied by the acquired / merged companies of the Applicant (or any constituent member in case of Group) in respect of works awarded to such acquired / merged companies in the period of 5 years prior to their acquisition / merger. All the material should be clearly referenced as being in response to this Question 17a.</p> <p style="margin-left: 40px;">Do you (and each constituent member of the group) authorise KMRCL to make enquiries with any of the Clients listed by the Applicant?</p> <p style="text-align: right; margin-right: 20px;"><input type="checkbox"/> Y <input type="checkbox"/> N</p> <p style="margin-left: 40px;">Have you (and each constituent member of the group) provided details required in Annexure 1 and 1A for similar Contracts completed in the last ten years?</p> <p style="text-align: right; margin-right: 20px;"><input type="checkbox"/> Y <input type="checkbox"/> N</p> <p style="margin-left: 40px;">Have details required in Annex. 1 and Annex. 1A been given in respect of mergers / acquisitions for a period of 5 years prior to their merger / acquisition?</p> <p style="text-align: right; margin-right: 20px;"><input type="checkbox"/> Y <input type="checkbox"/> N</p> <p style="margin-left: 40px;">If the answer is No, give reasons.</p> <p style="margin-left: 40px;">Have details required in Annex. 1 and Annex. 1A been given in respect of sub-contractors for the last 10 years?</p> <p style="text-align: right; margin-right: 20px;"><input type="checkbox"/> Y <input type="checkbox"/> N</p> <p style="margin-left: 40px;">If the answer is No, give reasons.</p> <p style="margin-left: 40px;">(Use a separate sheet for each Contract and include in the Questionnaire)</p>		

ANNEXURE 1

(To be given by applicant/each constituent member in case of group)
 (To be given for Contracts completed during the last TEN years)
 (Ref: Q.17a)

Name of the Applicant / Member:

Project Title:	Location:
Scope:	Address:
Client::	
Client's Representative:	Tel.:
Type of Contract: Signalling & Train Control Tele Communications Rolling Stock ATP/ATO System Interfacing Others (specify) Please tick whichever is applicable	
Was an Indian Government Standard form of contract used ?	<input type="checkbox"/> Y <input type="checkbox"/> N
If Yes, give details:	
Was an International Standard form of contract used ?	<input type="checkbox"/> Y <input type="checkbox"/> N
If Yes give details:	
Was the work out carried alone	<input type="checkbox"/> Y <input type="checkbox"/> N
Was the work carried out as a member of the group?	<input type="checkbox"/> Y <input type="checkbox"/> N
If a group, indicate percentage participation and area/s of participation.	
Date, work commenced	Date, work was completed
Was the date of completion given in the original contract extended?	<input type="checkbox"/> Y <input type="checkbox"/> N
If so, how much and why?	
Were any penalties imposed for delay? If yes, give details.	<input type="checkbox"/> Y <input type="checkbox"/> N
Were any penalties imposed for reasons other than delay?(like poor quality work). If yes, give details	<input type="checkbox"/> Y <input type="checkbox"/> N
Did the applicant go in for Arbitration ? If yes, give details.	<input type="checkbox"/> Y <input type="checkbox"/> N
Did the applicant go in for Litigation? If yes, give details.	<input type="checkbox"/> Y <input type="checkbox"/> N
Contract Value as on 31.03.2008 prices in Rupee equivalent, assuming 10% inflation for Indian Rupees and 2% for foreign currency portion every year. Only the value of contract as executed by the applicant / member in his own name should be indicated. Where a work is undertaken by a Group, only that portion of the Contract which is undertaken by the concerned applicant / member should be included and the remaining done by the other members of the Group excluded. Exchange rate on 31.03.2008 may be assumed as 1 US \$ = INR 50, Euro 1= INR 60, Yen 1= INR 0.52 .	
Details of work undertaken:	
Were Quality Assurance obligations required in the contract?	<input type="checkbox"/> Y <input type="checkbox"/> N
If yes, whether they were fulfilled?	
Were specified performance requirements of the systems achieved?	<input type="checkbox"/> Y <input type="checkbox"/> N

If yes, please give details of reliability (in terms of percent availability of the systems) achieved during warranty period or three years from the date of commissioning whichever is later. If No, give reasons -----	<table border="1" style="width: 100%; height: 30px;"> <tr> <td style="width: 50%; text-align: center;">Y</td> <td style="width: 50%; text-align: center;">N</td> </tr> </table>	Y	N		
Y	N				
Has the applicant (or any member of a group) been blacklisted by a client? If Yes, Why?	<table border="1" style="width: 100%; height: 30px;"> <tr> <td style="width: 50%; text-align: center;">Y</td> <td style="width: 50%; text-align: center;">N</td> </tr> </table>	Y	N		
Y	N				
Has the applicant been declared insolvent If yes, give details.	<table border="1" style="width: 100%; height: 30px;"> <tr> <td style="width: 50%; text-align: center;">Y</td> <td style="width: 50%; text-align: center;">N</td> </tr> </table>	Y	N		
Y	N				
Has the applicant been declared bankrupt If yes, give details	<table border="1" style="width: 100%; height: 30px;"> <tr> <td style="width: 50%; text-align: center;">Y</td> <td style="width: 50%; text-align: center;">N</td> </tr> </table>	Y	N		
Y	N				
Was there any complaint received from the client relating to the performance of the Systems? If yes, give details.	<table border="1" style="width: 100%; height: 30px;"> <tr> <td style="width: 50%; text-align: center;">Y</td> <td style="width: 50%; text-align: center;">N</td> </tr> </table>	Y	N		
Y	N				
Was the warranty clause invoked by the client? If yes, give details.	<table border="1" style="width: 100%; height: 30px;"> <tr> <td style="width: 50%; text-align: center;">Y</td> <td style="width: 50%; text-align: center;">N</td> </tr> </table>	Y	N		
Y	N				
Did the arrangements/facilities exist to rectify defects during warranty period? If yes , give details including the location of facilities.	<table border="1" style="width: 100%; height: 30px;"> <tr> <td style="width: 50%; text-align: center;">Y</td> <td style="width: 50%; text-align: center;">N</td> </tr> </table> <table border="1" style="width: 100%; height: 30px;"> <tr> <td style="width: 50%; text-align: center;">Y</td> <td style="width: 50%; text-align: center;">N</td> </tr> </table>	Y	N	Y	N
Y	N				
Y	N				
Was technology transfer a part of the contract? Was the technology transfer achieved as contracted? If yes, what was the time frame?	<table border="1" style="width: 100%; height: 30px;"> <tr> <td style="width: 50%; text-align: center;">Y</td> <td style="width: 50%; text-align: center;">N</td> </tr> </table>	Y	N		
Y	N				

ANNEXURE - 3

		Actuals for Previous five years ending 2007-08														
		Financial Year 2003-04			Financial Year 2004-05			Financial Year 2005-06			Financial Year 2006-07			Financial Year 2007-08		
		Exchange rates	Rupees equivalent	In respective currencies	Exchange rates	Rupees equivalent	In respective currencies	Exchange rates	Rupees equivalent	In respective currencies	Exchange rates	Rupees equivalent	In respective currencies	Exchange rates	Rupees equivalent	In respective currencies
1	Total Assets															
2	Current Assets															
3	Loans & Advance															
4	Total Liabilities															
5	Current Liabilities															
6	Provisions															
7	Profit before interest and Tax															
8	Profit before Tax but after interest															
9	Profit after Tax															
10	Net worth															
11	Total Debt (including current Liabilities)/Total Equity (including Preference capital)															
12	Banking Limit (from Banking reference).															

“Net worth is paid up Capital plus Reserves & Surplus less Intangible assets”.

This information should be extracted from the Annual Financial Statements and Banking Reference. (The information should be duly certified and signed by the qualified Chartered Accountant.

PRO-FORMA SECTION 4

18.	Staff. Applicants (and each constituent member of the Group) should indicate the number of staff employed (total and at specified offices). Specify number of each member's professional, technical, supervisory staff and skilled workers at each location. Indicate how many staff are regular employees of more than six months of the applicant							
	Name of the applicant (Member in case of Group)							
	Location	Discipline	Managerial / Professional	Technical and Engineers (including those deployed in design work)	Supervisory Other than (1) & (2)	Skilled Workers		
	1.	1. Signalling & Train Control						
	2.	2. Communications						
	3	3. Station signalling						
	4	Please tick whichever is / are applicable						
19	Provide the following information for the applicant (or in case of a group for each member) in Section 4, separately for each system / sub-system							
	Name of the applicant / member in case of Group							
	System / Subsystem	Minimum Nos. required for this contract	Total Numbers Available	Number Available for proposed Contract	Academic Qualifications			No. of years of experience in discipline
					Post Graduates	Graduates	Others	
	Project Manager	1						
	Design Engineers	4**						
	Electrical Engineers	1						
	Signal Engineers	3						
	Telecommunication Engineers	3						
	Mechanical Engineers	1						
	Quality Assurance Specialists	1						
	Safety Officers	1						
	System Integrators	2***						
	Procurement Specialists	1						
	Installation Specialists	2***						
	**Two each for Signal and Telecom							
	***One each & Signal & Telecom							
20.	Provide in Section 4 the following: Relevant CV's of the Key Design / Development & Production Engineers and Specialists of all relevant disciplines from each group member indicating their qualification, length of service, previous experience of work similar in nature to the works for which pre-qualification is sought and their involvement in those contracts. This should be given separately for each system/subsystem for Signalling and Telecommunication each limited to 7 and Group limited to 6.							
21.	Provide in Section 4 the following:							
	<ul style="list-style-type: none"> Details of your current management organisation as the applicant or, if a group, of each constituent member. A proposed management organisation for the contract. 							

PRO-FORMA SECTION - 5

22.	Include in Section 5 details of ownership and control of applicant, or if a group, of each constituent member.
23.	<p data-bbox="321 407 1455 558">Have you in Section 5 provided documents, including Banking Reference, to demonstrate that you have access to, or have available, liquid assets, lines of credit and other financial means sufficient to meet cash flow of Rs. 200 million (USD 4.0 million) or 6 months cash flow, whichever is higher for the proposed contract net of your commitments for other contracts.</p> <p data-bbox="1312 432 1427 489"><input type="checkbox"/> Y <input type="checkbox"/> N</p> <p data-bbox="370 590 1149 653">Do you authorise KMRCL to make enquiries with any of the Banks you listed in this application?</p> <p data-bbox="1312 606 1427 663"><input type="checkbox"/> Y <input type="checkbox"/> N</p> <p data-bbox="370 716 1455 831">Have you provided Annual Reports of the Applicant (and of each constituent member in the case of a group) for each of the last five years and also information given in Annexure 3. This information may also be given for a Sub-contractor if he is supplying a system / sub-system.</p> <p data-bbox="1312 831 1427 888"><input type="checkbox"/> Y <input type="checkbox"/> N</p>

PRO-FORMA SECTION - 6

24.	<p>Do you intend, in case of being invited to tender, to engage the services of an independent professional designer for the purposes of undertaking the design of any of the sub-systems?</p> <p>If yes, provide the name or names of potential professional designers their capability, resources and the extent of their participation.</p> <p style="text-align: right;"><input type="checkbox"/> Y <input type="checkbox"/> N</p> <p>Further details and literature should be enclosed in Section 6, clearly referenced as being in response to this Question 24.</p>
25.	<p>Do you intend, in case of being invited to tender, to subcontract with other manufacturers any part of the work?</p> <p>If yes, in Section 6 provide the name or names of the subcontractors, their experience, resources and the extent of their participation, clearly referenced as being in response to this Question 25.</p> <p>Provide details of all sub-systems that will be designed in-house.</p> <p style="text-align: right;"><input type="checkbox"/> Y <input type="checkbox"/> N</p> <p>Provide information on systems that will be manufactured by the applicant.</p>
26a.	<p>Applicants (each member in case of Group) are to include in Section 6 information relating to the availability of major manufacturing plants for this work.</p> <p>Applicants or each constituent member thereof should provide in Section 6 information on the number, location and products of manufacturing plants and Design Offices that they own or operate that they would use for this contract.</p> <p>Provide similar information for manufacturing plants available in India, if any.</p> <p>Provide information on the test facilities used for proving the performance and quality of your systems.</p> <p>Provide information on the tests conducted for proving the adequacy of performance of your system supplied in the last 5 years.</p> <p>Provide the number and specifications of CAD work stations available for the designs for the systems and sub-systems, the computing power and programmes available for the contract. Information in response to this Q. 26(a) should be provided separately for Signalling / Train Control, station interlocking and Communication Systems.</p> <p>Quality Assurance Programme:</p> <p>26b.</p> <p>Do Applicants or each constituent member currently maintain an in-house Quality Assurance programme?</p> <p>If yes, give details.</p> <p style="text-align: right;"><input type="checkbox"/> Y <input type="checkbox"/> N</p> <p>Have you (or each constituent member in the case of a group) had any of your recent projects ISO 9000 / 9001 / 9002 certified?</p> <p>If yes, give details.</p> <p style="text-align: right;"><input type="checkbox"/> Y <input type="checkbox"/> N</p> <p>Do you (each constituent member) have cost control mechanism in Your organisation.</p> <p style="text-align: right;"><input type="checkbox"/> Y <input type="checkbox"/> N</p> <p>26c.</p>

27. Conflict of Interest

The applicant (including all members of a joint venture) shall not be one of the following:

- (i) A firm or an organisation which has been engaged by the Employer to provide consulting services for the preparation related to procurement for or implementation of this project.
- (ii) Any association/affiliates(inclusive of parent firms) of a firm or an organisation mentioned in paragraph (i) above.
- (iii) A contractor who lends, or temporarily seconds its personnel to firms or organisations which are engaged in consulting services for the preparation related to procurement for or implementation of the project, if the personnel would be involved in any capacity on the same project.

Tick as appropriate

<p>Applicant's confirmation – conflict of Interest None of the above circumstances apply If the answer is No, then it may be explained as to how this will be dealt with</p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">Y</td> <td style="text-align: center;">N</td> </tr> </table>	Y	N
Y	N		
<p>Member 1 Confirmation None of the above circumstances apply If the answer is No, then it may be explained as to how this will be dealt with.</p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">Y</td> <td style="text-align: center;">N</td> </tr> </table>	Y	N
Y	N		
<p>Member 2 Confirmation None of the above circumstances apply If the answer is No, then it may be explained as to how this will be dealt with.</p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">Y</td> <td style="text-align: center;">N</td> </tr> </table>	Y	N
Y	N		
<p>Member 3 Confirmation and so on for further Members None of the above circumstances apply If the answer is No, then it may be explained as to how this will be dealt with.</p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">Y</td> <td style="text-align: center;">N</td> </tr> </table>	Y	N
Y	N		

VERIFICATION STATEMENT

<p>28</p>	<p>I confirm and declare that no agent, middlemen or any intermediary has been or will be, engaged by me to provide any services, or any other item or work related to the award and performance of this Contract. I further confirm and declare that no agency commission or any payment which may be construed as an agency commission has been or will be, paid by me and that the tender price will not include any such amount.</p> <p>Signed. (to be signed by applicant and each member of the group) Date:</p>
<p>29</p>	<p>Applicants are to verify that the information contained in this completed Questionnaire, any annex thereto and all supporting and explanatory information is, to their best knowledge and belief, truthful and exact.</p> <p>By virtue of my signature below, I confirm to my best knowledge and belief the information contained in this questionnaire and sections, any annex thereto and all supporting and explanatory information is truthful and exact.</p> <p>Signed: (Same Signatory as on letter of application) Date:</p>
<p>30</p>	<p>Applicants are to verify that the Tender for the Contract in their own name and at the same time as a part of JV, Partnership or Consortium has not been submitted.</p> <p>By virtue of my signature below, I confirm and verify to my best knowledge and belief that</p> <p>(c) the Tender for this Contract has not been submitted in our own name and at the same time as a part of JV, Partnership or Consortium, and</p> <p>(d) also the Tender for this Contract has not been submitted by us as part of more than JV, Partnership or Consortium.</p> <p>The information contained in this questionnaire is truthful and exact. Signed: (to be signed by applicant and each member of the group) Date:</p>
<p>31</p>	<p>Applicant and each member of the group (JV Consortium) shall verify, confirm & declare about bankruptcy/insolvency in last ten years i.e. after 31.12.1997.</p> <p>By virtue of my signature below, I confirm and verify to my best knowledge and belief that Bankruptcy/insolvency has not been suffered by the company represented by me for submitting bid against this tender in the last 10 years.</p> <p>Signed : _____ (to be signed by applicant and each member of the group) Date: _____</p>

NOTE: The exchange rate, wherever mentioned, in this questionnaire shall be taken as the 'Bill Selling Rate of Exchange of the currencies at the close of business of the State Bank of India', applicable on the respective date.

TENDERERS' DECLARATION

1. For the purpose of your evaluation, study, review and decision making we are ready to let you inspect our business premises / site, etc.,

2. We have prepared the PQ tender entirely in accordance with all the requirements from the PQ tender document and we agree entirely with them.

Authorised Signatory

----- (00000000)-----