



BANGALORE METRO RAIL CORPORATION LIMITED

3rd Floor, BMTCL Complex, K.H. Road,
Shanthinagar, Bangalore – 560 027.
E-mail: bmrc@dataone.in; Web: www.bmrc.co.in

Tel: 080-22969300/301 Fax: 080-22969222

TENDER NOTIFICATION

BMRCCL / Tender No. BMR/UG/ECS

Dated: 19/07/2010

Bangalore Metro Rail Corporation Limited (BMRCCL) invites Tenders for Design, Supply, Installation, Testing and Commissioning of Environmental Control System (ECS) and Building Management System (BMS) for Underground Stations and Associated Tunnel Sections of North – South and East – West Corridors for Bangalore Metro Rail Project – Phase - I. The system of traction is 750V dc third rail and the track will be laid to Standard Gauge (1435mm).

JOINT VENTURE / CONSORTIUM

Indian and International companies, either by themselves or as a joint venture/consortium, interested in appointment through International Competitive Bidding (ICB) for the Design, Supply, Installation, Testing and Commissioning of Environmental Control System (ECS) and Building Management System (BMS) for Underground Stations and associated Tunnel sections can apply. Applicants are required to have a good financial standing and performance record, requisite experience and capacity in the fields described above.

BMRCCL, hereinafter called 'the Employer' has received an ODA Loan from Japan International Co-operation Agency, hereinafter referred to as the JICA, in the amount of 44704 Million Japanese Yen as per loan agreement No. ID- P.171 dated 24.07.2006 towards the cost of Bangalore Metro Rail project and intends to apply a portion of the proceeds of this loan to payments under the contract for which this Tender Invitation 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 BMRCCL shall derive any rights from the Loan Agreement or have any claim to the loan proceeds. The above Loan Agreement will cover only a part of the project cost. As for the remaining portion, BMRCCL will take 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.

Tender Documents may be obtained from the Office of BMRCCL, III floor, BMTCL Complex, K.H. Road, Shanthinagar, Bangalore-560027, INDIA. The Tender Documents will be available on payment of non-refundable fee of INR 50,000/- (USD 1,100) in the form of crossed demand draft from a Schedule Commercial Bank in India in favour of Bangalore Metro Rail Corporation Limited, payable at Bangalore, on all working days between 11.00hrs and 17.00 hrs(IST) from 21/07/2010 TO 03/08/2010.

Clarifications to Tender clauses if any, asked in writing only will be entertained by BMRCCL. Last date for seeking such clarifications is 16/08/2010.

The documents, duly completed, shall be returned in sealed envelopes, which must be delivered by hand or by registered mail, so as to reach BMRCCL office on or before 15.00 hrs (IST) on 11/10/2010.

JICA requires that bidders and contractors, as well as BMRCL 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 Bidder or Contractor as ineligible, for a period determined by the JICA, to be awarded a contract funded with Japanese ODA Loans if it at any time determines that the Bidder or Contractor has engaged in corrupt or fraudulent practices in competing for, or in executing, another contract funded with Japanese ODA Loans or other Japanese ODA.

BMRCL 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 BMRCL for rejection of his proposal.

Applicants will be advised, in due course of the results of their applications. Technical Package of those who qualify at the Qualification stage will be opened and taken up for further evaluation.

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

For further clarifications contact CEE (Traction), BMRCL on +91 80 22969300

For details please visit our web site: www.bmrc.co.in.

MANAGING DIRECTOR
Bangalore Metro Rail Corporation Limited

BANGALORE METRO RAIL CORPORATION LIMITED

Design, Supply, Installation, Testing and Commissioning of Environmental Control System (ECS) and Building Management System for Underground Stations and Associated Tunnel Sections of North-South and East-West Corridors for Bangalore Metro Rail Project – Phase - I

CONTRACT NO.- BMR/UG/ECS

NOTICE INVITING TENDER

From:
Managing Director
Bangalore Metro Rail Corporation Ltd;
III Floor, BMTC Complex, K.H. Road,
Shanthinagar, Bangalore – 560 027

To:

1. Bangalore Metro Rail Corporation Ltd. (BMRCL) invites sealed Tenders for the Work of **Design, Supply, Installation, Testing and Commissioning of Environmental Control System (ECS) and Building Management System (BMS) for Underground Stations and Associated Tunnel Sections of North-South and East-West Corridors for Bangalore Metro Rail Project – Phase I Contract No-BMR/UG/ECS**. The General Scope of the work is provided in Instructions to the Tenderers (ITT) and the detailed description of work is provided in Employer's Requirement-Scope of Work.

2. **Key details:**

<i>Tender Guarantee Amount</i>	INR 20,000,000/- OR US \$ 430,200/- (Indian Rupees Twenty Million or US Dollar Four hundred thirty thousand and two hundred only)
<i>Cost of Tender Documents (Non refundable)</i>	INR 50,000/- or US \$ 1,100
<i>Completion period of the Work</i>	27 Months
<i>Tender documents on sale</i>	From 21/07/2010 to 03/08/2010 (on all working days between 1100 hrs. to 1700 hrs. (IST)).
<i>Last date for Seeking Clarifications</i>	On or before 16/08/2010.
<i>Pre-bid Meeting</i>	At 11.00 Hrs. (IST) on 19/08/2010
<i>Date & time of Submission of Tenders</i>	upto 15.00 Hrs (IST) on 11/10/2010

<p>Package containing Tender Guarantee will be opened first and then Package-1 containing Qualification document submission will be opened on the mentioned date and time. Date of opening of Package 2 – Technical Bid and Package 3 Financial Bid will be notified to the Qualified Tenderers and technically complied Tenderers respectively in due course.</p>	<p>At 15.30 hrs (IST) on 11/10/2010</p>
<p>Authority and place for purchase of Tender documents, seeking clarifications and submission of completed Tender documents</p>	<p>Managing Director Bangalore Metro Rail Corporation Limited, III floor, BMTC Complex K.H. Road, Shanthinagar Bangalore-560 027 Karnataka, INDIA.</p>

The Tender documents can be obtained from the office of Managing Director, BMRCL, BMTC Complex, III Floor, K.H. Road, Shanthinagar, Bangalore – 560 027. Payment shall be made in the form of demand draft in favour of "Bangalore Metro Rail Corporation Ltd". payable at Bangalore.

3. The Tender documents consist of: 3 Packages

Package – 1

- Notice of Invitation to Tender (NIT)
- Qualification Document

Package – 2

Volume - 1

- Instructions To Tenderers (ITT), including Annexure
- Form of Tender (Including Appendices)

Volume-2

- General Conditions of Contract (GCC)
- Special Conditions of Contract (SCC) including Schedules

Volume-3

- Employers Requirement – General Specifications including Appendices

Volume-4

- Employer's Requirement – Technical Specifications including Appendices

Volume-5

- Tender Drawings

Volume-6 Reference Documents

- Safety Health & Environment Manual (SHEM)

Package – 3

- Part 1 – Instruction for completing the Pricing Document
- Part 2 – Pricing Document.

4. Tender documents are available on payment of a non-refundable fee of INR 50,000/- or US \$ 1,100/- in the form of crossed demand draft issued from an Indian Schedule Bank (excluding Co-operative Banks) or from a Schedule Foreign Bank as defined in Section-2 (e) of RBI Act-1934 read with Second Schedule drawn in favour of Bangalore Metro Rail Corporation Limited, payable at Bangalore.
5. Two sets of Tender documents shall be issued out of which one set of Tender documents along with the original Tender drawings and reference documents are to be submitted with the Tender submittal untampered, duly signed and stamped on each page.
6. **Submission of Tender-Documents:**
The Tenderer shall submit the Tender Guarantee in a separate envelope. The Tenderer shall seal the Original and each copy of the Qualification Package in separate envelopes, duly marking the envelopes as "Original", "Copy 1" and "Copy 2". Likewise, the Tenderer shall seal the Original and each copy of the Technical package and the Financial Package in separate envelopes duly marking the envelopes as "Original", "Copy 1" and "Copy 2". The envelopes of all the Qualification packages shall then be sealed in an outer envelope and marked as "Qualification package". Likewise the envelopes of all Technical packages and Financial Packages shall be sealed in separate outer envelopes and marked as "Technical Package" and "Financial Package". All these four envelopes (Tender Guarantee, Qualification package, Technical package and Financial package) shall be sealed in one outer envelope, thus there will be a total of fourteen envelopes.
7. Tenders shall be submitted to the Managing Director, Bangalore Metro Rail Corporation Ltd; III Floor, BMTC Complex, K.H. Road, Shanthinagar, Bangalore – 560 027, Karnataka State, India.
8. All Tenderers are hereby cautioned that Tenders containing any deviation from contractual terms and conditions, specifications and other requirements, save as provided for in "the Instructions to Tenderers" and / or minor deviation shall include the cost for withdrawal of deviations without which the submission shall be considered as non-responsive and shall be liable for rejection.
9. **On opening of the Outer Tender envelope, it will be checked whether it contains Tender Guarantee, Qualification Package, Technical and Financial Packages separately or not. IN CASE THEY ARE NOT SEPARATE AND SEALED PROPERLY, THE BID OF SUCH TENDERER SHALL BE SUMMARILY REJECTED. (as detailed in Instruction to Tenderer D1.1 & D1.2)**
10. Late Tenders, received after time of submission of bid on the specified date, shall not be accepted under any circumstances.
11. Tenders shall be valid for a period of 180 days from the latest date of submission of Tenders and shall be accompanied with a Tender Guarantee of the requisite amount in the form of a Bank Guarantee described in paragraph C-17 of the Instructions to Tenderer.

12. A firm after purchase of the Tender documents in their name can submit the Tender either as an individual firm or as a joint venture/Consortium.
13. The Tender Guarantee is to be submitted as per **Clause C 17** of the 'INSTRUCTIONS TO TENDERERS'.
14. JICA requires that Bidders and Contractors, as well as BMRCL, 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 Bidder or Contractor as ineligible, for a period determined by the JICA, to be awarded a contract funded with ODA Loans of the JICA if it at any time determines that the Bidder or Contractor has engaged in corrupt or fraudulent practices in competing for, or in executing, another contract funded with ODA Loans of the JICA or other Japanese ODA.
15. BMRCL reserves the right to accept or reject any or all Tenders without assigning any reasons. No Tenderer shall have any cause of action or claim against BMRCL for rejection of his Tender.

Managing Director
Bangalore Metro Rail Corporation Limited

QUALIFICATION FOR DESIGN, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF ENVIRONMENTAL CONTROL SYSTEM (ECS) AND BUILDING MANAGEMENT SYSTEM (BMS)

Instructions to Applicants

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.

Applicants may be single firm or may be members of a group formed for the 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.

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 marked so. 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.

Submittals will be assessed to demonstrate convincingly that the Applicant possesses the experience and 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. BMRCL reserves the right to make enquiries with the previous clients of Applicants.

All documents shall be in the English Language only. If documents are submitted in a language other than English, a true translation in English duly certified shall also be submitted. In matters of interpretation English version shall prevail.

Successful Applicants will be advised of the result of their Qualification application and will be advised to witness the opening of their Technical Package. However, neither BMRCL nor the General Consultant will discuss any aspect of the evaluation process, or the results of the evaluation.

Applicants should note clearly the date and time of submission of duly completed Tender Documents. No Document will be received after the stipulated date and time. Applicants are requested to note that no supplementary material will be entertained by BMRCL and that evaluation will be carried out only on the basis of documents received by the closing time for receiving submittals. However BMRCL reserves the right to seek clarification from the Applicants in regard to their submittals.

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

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

PART I

QUALIFICATION FOR DESIGN, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF ENVIRONMENTAL CONTROL SYSTEM (ECS) AND BUILDING MANAGEMENT SYSTEM (BMS)

1. INTRODUCTION

- 1.1 Bangalore Metro Rail Corporation Ltd., (BMRCL) is the Special Purpose Vehicle of Government of Karnataka and Government of India implementing the Phase 1 of the Bangalore Metro Rail Project. There are two corridors; the East- West Corridor, of approximately 18.1 km length with 16 stations and the North-South Corridor of approximately 24.2 km length with 24 stations, comprising a combination of at grade, elevated and underground construction. The two corridors will cross at a common interchange station at Majestic. The mode of traction is 750V dc Third Rail. The track will be of Standard Gauge (1435mm).

BMRCL, hereinafter called 'the Employer' has obtained for an ODA Loan from Japan International Cooperation Agency, hereinafter referred to as the JICA in the amount of 44,704 Million Yen as per loan agreement No. ID – P 171 dated 24.07.2006, towards the cost of Bangalore Metro Rail Project and intends to apply a portion of the proceeds of this loan to payments under the Contract for which this Tender Invitation 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 BMRCL shall derive any rights from the Loan Agreement or have any claim to the loan proceeds. The above Loan Agreement will cover only a part of the project cost. As for the remaining portion, BMRCL will take 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 & Indian Rupees. This Contract is JICA funded. Complete details will be provided in the Tender document.

- 1.2 This Package-1, pertaining to Qualification document refers to the Environmental Control System and Building Management System required to operate the Phase I of the project or part thereof.
- 1.3 BMRCL has executed a General Consultancy (GC) contract Agreement with the consortium of four members, wherein RITES, India is the Leader and the other three members are OC-Japan, PBI- USA and Systra S.A- France.
The GC has prepared the conceptual design and Technical Specifications for the noted systems. M/s PB India Pvt Ltd., on behalf of M/s. PB Asia Ltd., (Hong Kong) has been awarded the work of Design Consultancy Services for SES&CFD Analysis and Sizing of major ECS and TVS Equipment. The successful tenderer independently will have to develop the conceptual design into detailed design and verify the SES and CFD analysis and sizing of TVS and major ECS equipment.
GC will scrutinise the design / drawing submissions of the successful Tenderer and will clear the designs after taking approval of BMRCL. The GC or an authorised representative of BMRCL will undertake inspection on behalf of BMRCL 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.
- 1.4 BMRCL intends to invite suitably qualified Indian and International applicants to submit tenders through International Competitive Bidding (ICB) under the Guidelines for Procurement under JICA ODA Loans for the design, supply, installation, testing and commissioning of the Environmental Control System and Building Management System, suitable to meet the needs of the Project.
- 1.5 This document describes the Qualification application procedure and requirements. International Applicants may be required to arrange for transfer of technology for system

assembly, installation, maintenance and software customisation / modification within a defined time frame. For this purpose the applicant may associate with local Firms experienced in requisite disciplines. This aspect will need to be reflected in the Indian Rupee portion of the bid.

- 1.6. The work will include design, supply, installation, testing and commissioning including preparation of operating and maintenance manual, training of operation/maintenance personnel of the Environmental Control System and Building Management System for the entire Underground Sections covering the following North – South corridor consisting of 3 underground stations namely Majestic station which is a 2 level interchange station, Chickpet Station and City Market Station, and East-West Corridor consisting of 4 underground stations namely Cricket Stadium Station, Vidhana Soudha Station, Central College Station and City Railway Station.

1.6.1 **Scope of Work - Environmental Control System (ECS) and Building management System (BMS)**

The scope of work shall include but not limited to :

- Detailed Engineering and analysis of the SES reports and design calculations of major ECS equipment sizing such as Chillers, Air Handling Units, Cooling Towers, chilled water and condenser water pumps, submitted by M/s PB India Ltd; on behalf of M/s. PB Asia Ltd., the SES designer/consultant, and Detail Designing of other ECS equipment such as Fan Coil Units, ECS fans, different dampers required for ECS system, Louvers, Grilles, Diffusers, piping ducting etc.,
- Detailed design of ECS system and BMS including installation works drawings and interface with designated contractors.
- Detailed design of concourse area smoke extraction system.
- Detailed design of ventilation system and smoke extract from ancillary area and plant rooms .
- Detailed design of 415 Volt panels for feeding the ECS equipment including cables from 415 V panels to ECS equipment.
- Procurement and Delivery of equipment to site of the Environmental Control System, BMS, 415 V Panels including cables between equipment and panels based on Detailed Design approved by the Engineer.
- Installation, Testing & Commissioning (T&C) of ECS, BMS, 415 V panels with interconnecting cables between the equipment and panels.
- Design, Procure, Supply, Installation, Testing & Commissioning (T&C) the BMS in the OCC, BCC and all underground stations. All input signals and equipment status for ECS and E&M equipment as explained in Annexure will be transferred and controlled through SCR and OCC/BCC.
- Interface and coordination with other Designated Contractors and detailed design consultants.
- Spares for the above systems.
- Preparation of Operation and Maintenance Manuals, Training of operation/maintenance personnel.
- Preparation of working drawings and “As Built” drawings.
- Warranty Obligations during Defect Liability Period.

- 1.7 The successful Tenderer will be required to have a design sub-office in Bangalore to enable their design development to be monitored and checked by the GC or BMRCL.

- 1.8 Interested designers and manufacturers, Indian and International, may apply for Qualification as

sole Tenderer or as joint venture, partnership or consortium (group). It will, however, not be permitted to tender for the same contract in their 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.

- 1.8.1 Any change in a qualified joint venture/Consortium, after submission of tender requires prior written approval of the Employer. Such approval may be denied if (i) partners withdraw from a joint venture/consortium and the remaining partners do not meet the qualifying requirements. (ii) the new partners to a joint venture/consortium are not qualified, individually or as another joint venture/consortium; or (iii) in the opinion of the Employer, a substantial reduction in competition may result.
- 1.8.2 Not Used.
- 1.9 Applicants for Qualification should note that this package pertaining to 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 BMRCL, its General Consultants, its agents, successors or assigns.
- 1.10 Applicants are advised that selection of Environmental Control System and Building Management System designers and manufacturers as potential Tenderers shall be entirely at the discretion of BMRCL. Applicants will be deemed to have understood and agreed that no explanation or justification of any aspect of the Qualification process will be given and that BMRCL's Qualification decisions are without any right of appeal whatsoever.
- 1.11 All costs incurred by an applicant for Qualification shall be borne by the applicant. BMRCL, its agents, successors and assigns are entirely without liability for such costs.
- 1.12 BMRCL reserves the right not to proceed with the Qualification procedure at any time without notice or liability.
- 1.13 All documents and other information supplied by BMRCL or submitted by an applicant shall remain or become the property of BMRCL. Applicants are to treat all information as strictly confidential. BMRCL will not return any 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.
- 1.14 BMRCL will only notify successful Qualified applicants.
- 1.15 Applicants are advised that neither BMRCL nor GC will respond to enquiries or enter into communication concerning or relating to the selection process or the Qualification procedure.
- 1.16 Each applicant (each member in the case of a Group) or any Associate, will be required to confirm and declare with the 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.

2. PROJECT ORGANISATIONS

- 2.1 The Executing Agency for the project is Bangalore Metro Rail Corporation Ltd. (BMRCL) and their office is located at:

Bangalore Metro Rail Corporation Ltd.
III Floor, BMTCL Complex,
K.H. Road, Shanthinagar,
Bangalore – 560 027
KARNATAKA
INDIA

2.2 BMRCL will be the "Employer" under the terms of any contract to be awarded.

3. PROJECT DESCRIPTION

3.1 General Description of the Work

Bangalore Metro Rail Corporation Ltd (BMRCL) is the special Purpose Vehicle of Government of Karnataka and Government of India implementing the Phase I of the Bangalore Metro Rail Project.

Phase I of the project comprises of two Corridors viz. East-West Corridor and North – South Corridor consisting of Elevated, At Grade and Underground sections with details (approx.) as under:

Section	East – West Corridor	North – South Corridor	Total
At Grade	0.35 Km	0.30 Km	0.65 Km
Elevated	12.87 Km	19.90 Km	32.77 Km
Underground	4.88 Km	4.00 Km	8.88 Km
Total	18.10 Km	24.20 Km	42.30 Km
No. of Station			
At Grade	1	1	2
Elevated	11	20	31
Underground	4	3	7

The two corridors will cross at a common interchange station at Majestic. The train rakes interchange line between North-South and East-West corridors is also proposed at Majestic. The mode of traction power is 750V dc Third Rail. The track will be of Standard Gauge (1435mm). On the East- West corridor a maintenance depot along with full workshop facilities is under construction at Baiyappanahalli, adjacent to the Eastern Terminal Station. On the North- South Corridor a depot is under construction at Peenya. An Integrated Operation Control Centre (OCC) for both the corridors is proposed at Baiyappanahalli Depot and a Back-up Control Centre (BCC) at Peenya Depot. The complete work is proposed to be brought into operational use in various stages.

The Project is financed through equity participation by the Government of India (GoI) and Government of Karnataka (GoK) and loan from internal / external borrowing agencies.

3.2 The Tender document issued by the BMRCL for the BMR/UG/ECS contract consists of 3 packages as described in the Notice Inviting Tender.

3.3 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 / DDCs which impinge upon his design e.g. SES, E&M, TVS, Rolling Stock, Telecommunication, AFC, Station and Tunnel Civil Contractors etc. BMRCL/GC will supervise the co-ordination between the successful Tenderer of Contract No.BMR/UG/ECS and other designated Contractors/DDCs.

3.4 The successful Tenderer will also be required to provide sufficient technical data,

(dimensions, weight and mounting details) including maintenance schedules, inspection/repair procedures any machinery/plant required of all equipment/all sub-systems. In addition other technical interface details will be provided including earthing details etc. to enable other project contractors to proceed in parallel with their design and development.

- 3.5 BMRCL is keen to ensure the most economic Life Cycle Costs (LCC) for the Metro Railway. To this end, preference will be given to systems, which incorporate as much commonality as possible between those required to operate on Bangalore Metro Rail Project.
- 3.6 Safety worthiness of the system will be evaluated by Commissioner of Metro Rail Safety under Ministry of Civil Aviation, Govt. of India.
- 3.7 The Contractor should be in a position to provide necessary support (have experts with adequate knowledge and experience, qualification, and to submit such documentation as required) to assist BMRCL for effective interaction with Indian authorities viz. Ministry of Railways, Research Designs & Standards Organization (RDSO), Commissioner of Metro Railway Safety and Bangalore Fire Service (BFS).

4 CONTRACTUAL MATTERS

- 4.1 The Works will be procured through International Competitive Bidding (ICB) in accordance with the Guideline for Procurement of JICA.
- 4.2 The Tender for the Design, Supply, Installation, Testing and Commissioning of Environmental Control System and Building Management System of Bangalore Metro Rail Project (Contract No. BMR/UG/ECS) will give details of conceptual designs and outline technical specification and Employer's Requirement. The Tenderers will be required to develop from these details, designs and specifications sufficiently detailed to allow BMRCL to assess the fitness and adequacy of each Tenderer.
- 4.3 The successful Tenderer will be required to co-ordinate his system to interface where applicable with other designated contractors for services such as TVS, BMS, E & M and Civil and other system wide contractors etc. to develop and execute the integrated system for the station. Such integration and co-ordination is of paramount importance for the timely and satisfactory completion of the project.
- 4.4 If contract BMR/UG/ECS is awarded to a combination of commercial entities, as discussed in subsection 1.8, each member thereof will be jointly and severally liable for the whole performance of the contract obligations. Jointly and severally liable performance guarantee may be required from the ultimate owning companies of a tenderer or of each member thereof.
- 4.5 The contractor shall be responsible for obtaining relevant certificates or clearances from local civic authorities, viz completion certificates, fire clearance etc. BMRCL shall extend necessary assistance wherever possible. However, it will be the ultimate responsibility of the contractor to obtain all the required relevant certificates or clearances as per the time schedule prescribed by BMRCL.

5 QUALIFICATION APPLICATION

- 5.1 Applicants for Qualification are required to submit the filled Qualification Questionnaire and associated information as herein requested.
- 5.2 Applicants shall submit the requisite information in the sectional arrangements as indicated in the Table "Contents of Sections" in the Qualification Questionnaire.

- 5.3 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.
- 5.4 The Tender document duly filled in must be submitted by hand or by registered post so as to reach the office of the BMRCL as per details given in Appendix FT-1 to Form of Tender.
- 5.5 Submissions shall be made in three sets of documents comprising one original set and two copies and addressed to:
The Managing Director
Bangalore Metro Rail Corporation Ltd.
III Floor, BMTC Complex,
K.H.Road, Shanthinagar,
Bangalore – 560 027
Karnataka
India.
- All envelopes related to Qualification application shall be in accordance with clause D1.1 and D1.2 of Instruction to Tenderers
- 5.6 Information supplied by an Applicant (or other 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. The information and experience provided of an entity (Constituent Member) in a Group must be commensurate with the proposed role of that entity in the Contract to be awarded.
- 5.7 A Group comprising a joint venture, partnership or consortium may apply for 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 bonafide members of the group applying for Qualification and that, in the event of Qualification, they agree to be jointly and severally liable to BMRCL 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 submitted with the package pertaining to Qualification application which shall also include the following.
- a) An undertaking that in the event of qualification and award of the work, they agree to be jointly and severally liable to BMRCL under the Contract.
 - b) Nomination of one of the members as being the Lead member, having the written authorisation of other members. The Lead member's percentage of financial participation must be at least 40% and 25% in respect of other members in the Group (Consortium/JV)
 - c) Proposed Financial participation of each member of the Group (Consortium) for the proposed work.
 - d) Area of specialisation/responsibility of each member for the proposed work.
- 5.8 Applicants will be committed to the transfer of technology for the design, indigenous system assembly, installation, maintenance and software customisation/modifications within a defined time frame. For that purpose, the Applicants may set up suitable facilities in India. This aspect would need to be adequately reflected in the Indian Rupee portion of the tender price.
- 5.9 BMRCL will review and evaluate the information submitted by Applicants and select the Applicants whose Tenders will be further considered and evaluated, without being assigned any reason for the Employer decision.

- 5.10 In responding to the Qualification submission, Applicants shall demonstrate their capabilities, by providing material based on their experience, past performance, their personnel, equipment and financial resources, including but not limited to the following:
- Capability to perform design verification and detailed design engineering to the requisite standard and to monitor project development.
 - Capability to execute Environmental Control System as required under the scope of present contract BMR/UG/ECS.
 - Capability to programme and re-programme the design work.
 - Capability to undertake, manage and supervise the ECS & BMS work, in a manner and to a quality commensurate with internationally accepted norms for the noted scope of work.
 - Capability to undertake, manage and co-ordinate contract interfaces.
 - Capability to execute the work in time by having adequate resources.
 - Capability to do the civil works including foundation and structural works required for the erection of equipment, systems and sub-systems.
 - Capability to transfer technology for design, indigenous system assembly, installation, maintenance and software customisation/modifications within a defined time frame.
 - In case the application is from Joint Venture, or consortium, each member of the group and each discipline should substantially satisfy the Qualification requirements for the system for which the Member is participating.
- 5.11 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. However BMRCL may seek certain clarification(s) from the Applicants during the evaluation process.
- 5.12 Clarifications, if any, asked in writing only will be entertained by BMRCL. Last date for seeking such clarifications is as indicated in Appendix FT-1 to Form of Tender.
- 5.13 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 projects. Should such a situation arise during the performance of the contract, the tenderer must immediately inform the BMRCL.

6 QUALIFICATION CRITERIA

6.1 Qualification criteria-Work Experience

The applicant should have successfully carried out minimum following work in the last 10 years ending 31-3-2010.

Successfully completed **one** contract of Design, Supply, Installation, Testing and Commissioning of Environmental Control System (ECS) and Building management System (BMS) complying to ASHRAE and NFPA 130 or equivalent international standards for any Mass Rapid Transit Facility of **3 Nos.** Underground Stations.

OR

Successfully completed **two** contracts of Design, Supply, Installation, Testing and Commissioning of Environmental Control System (ECS) and BMS complying to ASHRAE and NFPA 130 or equivalent international standards for any Mass Rapid Transit Facility of **2 Nos** Underground Stations in **each Contract**.

Note; In case of Joint Venture/Consortium atleast one member shall fulfil the above minimum criteria

- 6.2 (a) The average annual turnover, in the last five financial years ending 31-3-2010 (as per audited accounts), shall not be less than **INR 800 Million** for a group as a whole. In case of group, the percentage participation of each JV / consortium member as incorporated in the MOU shall be taken for calculation of the turnover of the group.
- (b) Net worth in the last financial year should be positive for a group as a whole.

- 6.3 BMRCL 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 BMRCL action.
- 6.4 Should a tenderer or contractor have relative employed in Managerial Capacity in BMRCL 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 BMRCL, 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.

7. CORRUPT OR FRAUDULENT PRACTICES

- 7.1 JICA requires that bidders and contractors, as well as BMRCL under contracts funded with Japanese 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 Bidder or Contractor as ineligible, for a period determined by JICA, to be awarded a contract funded with Japanese ODA Loans if it at any time determines that the Bidder or the Contractor has engaged in corrupt or fraudulent practices in competing for, or in executing, another contract funded with Japanese ODA Loans or other Japanese ODA.

8 JURISDICTION OF COURT IN CASE OF DISPUTE OR DIFFERENCES ARISING ON ACCOUNT OF THIS TENDER

- 8.1 Any suit or application, arising out of any dispute or difference on account of this Qualification tender shall be filed in a competent court at Bangalore, Karnataka only and no other court or any other district of the country shall have any jurisdiction in the matter.

9 CONFLICT OF INTEREST:

- 9.1 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.

10.0 GENERAL

- 10.1 **Late or delayed submission of Tender documents after stipulated date and time of submission will not be received or considered. Any postal or Courier delay is the sole responsibility of the Tenderer.**

11.0 Litigation/Arbitration History.

The Applicant should provide accurate information on any litigation or arbitration resulting from contracts completed or under its execution over the last Five (5) years ending 31-3-2010. A consistent history of awards against the Applicant or any member of the Joint Venture or Consortium may result in failure of the application.

Part II

EVALUATION CRITERIA

1. **Introduction:**

This Evaluation Criteria contains the criteria, factors and methods that BMRCL will use to evaluate the application. This Evaluation Criteria is prepared for use in evaluating the Applicants for their suitability to execute Tender No; BMR/UG/ECS; Design, Supply, Installation, Testing and Commissioning of Environmental Control System (ECS) and Building Management System (BMS) for Bangalore Metro Rail Project.

2. **Evaluation Factors**

To be Qualified, the Applicants are required to demonstrate their capabilities by providing material based on their experience, past performance, their technical and organizational capability, Financial soundness and resources, design capabilities etc.

Evaluation shall be done based on the information furnished by the applicant in the QUALIFICATION document.

3. **Qualification Evaluation Criteria**

Qualification Evaluation shall be done in two stages:

3.1.1 **Stage I (Initial Filter):**

The Applicants will be first evaluated on the initial criteria, which will act as an initial filter. The Initial Filter Criteria is in Annexure-A. The applicants who do not pass this test will not be evaluated further. All the applicant/s of Joint venture/Consortium in their individual role should fill the checklist and submit along with the QUALIFICATION document.

3.1.2 **Stage II (Technical & Organizational capability, Experience record and Financial soundness)**

Applicants who pass the Initial Filter Test will be evaluated on the topics listed below with marks up to 3 and weightage as given in the Table- 2 at page 13 of 18. It should be understood clearly that a minimum of 50% marks shall be obtained in each of the following two categories and 60% of the "Aggregate" for the overall "Pass" Score for Qualification.

A. Financial standing

B. Technical & Organizational Capability & Experience Record.

3.2 For the purpose of evaluation Audited Balance Sheets for the latest '5' Financial Years (i.e. 2005-06, 2006-07, 2007-08, 2008-09 & 2009-10) has to be submitted by bidders. (In case Audited Balance Sheets for the last year (i.e. 2009-10) is not made available by the bidder, he has to submit an affidavit certifying that the Balance Sheet has actually not been audited so far), In such a case, the financial data of previous '5' years (i.e. 2004-05, 2005-06, 2006-07, 2007-08 & 2008-09) will be taken into consideration for evaluation. If Audited Balance Sheet of any other year other than the last year is not submitted, the tender will be considered as non-responsive

3.3 ASSESSMENT TOPICS:

The name and number of topics to be assessed are shown in Table 1.

Table 1: Assessment

Topic No.	Assessment Topic
	A-Financial Standing
T ₁	Working Capital, Liquidity and Banking Reference
T ₂	Profitability
T ₃	Net worth
T ₄	Average Annual Turn Over
	B- Technical , Organizational Capability & Experience Record
T ₅	Technical Staff Numbers (Graduate and above)*
T _{5A}	Key Staff Experience.
T ₆	Quality Assurance
T ₇	Length of time in Similar Business
T ₈	No. of Works of Design, supply, installation testing & commissioning of Environmental Control System (ECS) completed in last 10 years ending 31-3-2010, complying to ASHRAE and NFPA 130 or equivalent International standards in underground Mass Rapid Transit Facility.
T ₉	No. of Works of Design, supply, installation testing, commissioning, Control and Monitoring of Building Management System (BMS) in an underground Mass Rapid Transit Facility in the last 10 years ending 31-3-2010.

*** Technical Diploma holders having 3 years working experience will be considered as fresh graduate.**

4. **Assessment Score**

This is based on the weightage to be given to each Topic relative to the whole of the Qualification topics, and the points scored by the Applicant against each topic.

Gradation

All Evaluation Topics will be scored based on the following gradation:

Poor	0
Average	1
Good	2
Excellent	3

Weightage

The weightage for each Evaluation Topic has been determined by the importance to the Topic. The weightage is graded depending on the relative importance of the assessment topic.

The purpose of Assessment Topics, points system, gradation and relative weightage is to assess the Applicants comprehensively and objectively. Therefore whilst there may be still some subjective consideration as to what constitutes the award of points, BMRCL's decision on this regard is final and binding on Applicants.

In topics requiring a combined score from the group applicants, **the results of each individual member of the group will be factored by their percentage participation in the group.**

The detailed method of assessment is provided in Table 2.

Table- 2

TOPIC NO.	ASSESSMENT TOPIC	MIN. POINTS	MAX. POINTS	WEIGHTAGE	MAX. SCORE
A.	<i>Financial Standing</i>				
T ₁	Working Capital: Liquidity and Banking Reference	0	3	4	12
T ₂	Profitability	0	3	3	9
T ₃	Net worth	0	3	3	9
T ₄	Average Annual Turnover	0	3	5	15
	Max. Score of 'A'				45
B.	<i>Technical and Organisational Capability & Experience</i>				
T ₅	Technical Staff Numbers (Graduates and Diploma holders having minimum 5 years working Experience and above)	0	3	2	6
T _{5A}	Key Staff Experience	0	3	2	6
T ₆	Quality Assurance	0	3	2	6
T ₇	Length of time in Business	0	3	4	12
T ₈	No of works of Design, supply, installation testing, commissioning of ECS works completed in last 10 years ending 31-3-2010, complying to ASHRAE and NFPA 130 or equivalent international standards in underground Mass Rail Transit Facility.	0	3	10	30
T ₉	No. of Works of Design, supply, installation testing, commissioning of Control and Monitoring of BMS in an underground Mass Rapid Transit Facility in the last 10 years ending 31-3-2010.	0	3	5	15
	Max. Score of 'B'				75
	Total Max. Score A+B				120

Note:

- Allotment of points in various assessment topics shall be done as per Para 6.
- Points allotted in each assessment shall be multiplied by the 'Weightage' assigned to the topic as indicated in the above table to get the 'Score' in that particular topic.
- Applicants should score a minimum of 50% of marks in each of the topics 'A' and 'B' individually and should also score a minimum of 60% of total marks of A+B combined, such Applicants shall only be Qualified.
- In case of Joint Ventures/Group/Consortium the evaluation against the individual eligibility criteria will be done in totality unless specified otherwise.

5. Assessment Topics:

The assessment topics have been designed to meet the stringent cost, time, quality, and safety requirements of the Project:

T₁ Working Capital: Liquidity and Banking References

Bangalore Metro Rail Project is a time bound project and it is absolutely essential that the Applicant has the necessary liquidity to withstand the Cash Flow that the Contract(s) will require until payment is received from BMRCL. Liquidity as such will be a Key Evaluation Criteria. This will be arrived at from the latest (2009–10) Audited Balance Sheet and from Banking References.

Net Current Assets (Current Assets–Current Liabilities) and the banking references should clearly establish that the Applicant has access to or has available liquid assets and lines of Credit to meet the Cash Flow of INR 130 million net of Applicant's commitments for other contracts for the year 2009–10 which constitutes three months cash flow requirements. In case of Joint Venture /Consortia it will be based on percentage participation of each member.

T₂ Profitability

The Profitability for last five financial years (latest being 2009 –10) will be arrived at from the audited Annual Accounts. The Criteria to be used will be profit before tax. In case of Joint Venture /Consortia, Profitability of every partner will be evaluated.

T₃ Net Worth

The Net Worth for last financial year 2009-10 should be positive and it will be arrived at from the audited Annual Accounts. In case of Joint Venture/Consortia it will be based on **percentage participation** of each member.

T₄ Average Annual Turnover

Average Annual Turnover of the Applicant will be based on audited Annual Accounts for last five years (i.e. 2005-06, 2006-07, 2007-08, 2008-09 & 2009-10). In case of Joint Venture/Consortia it will be based on percentage participation of each member.

T₅ Number of Technical Staff

BMRCL believes that higher the number of Experienced Technical Staff (excluding support) in particular to scope of this contract an Applicant has, better is its capability to handle staff attritions or exigencies of work. Number of Experienced Technical Staff will thus determine the capability to undertake the work in time.

T_{5A} Experience of Key Staff

Management team Key Staff is considered to be consisting of Team Leader, System Design Engineers, Site Installation Engineer, Airconditioning Engineer, Quality Assurance Specialist, Safety Officer and BMS Expert. The Experience of Management Team Key Staff in similar works will be assessed.

T₆ Quality Assurance

Quality of contractors workmanship, process and output is of paramount importance for BMRCL. It is necessary that contractor possesses a QC programme ISO–9001 or equivalent and at the minimum follows an Internal written QA programme.

T₇ Length of Time in Similar Business

Numbers of years a firm (Lead Member) has been in business of similar nature shall be considered as an important criteria for evaluation.

T₈ - T₉ Work Experience

Number of works of a nature and complexity comparable to the proposed work, completed during last 10 years ending 31-3-2010 are an essential criteria (scope of work as mentioned in 1.6.1 of part I).

6. Assessment Scoring Weightage

The weightage has been determined by the importance of the topic in relation to the project.

Basis for Awarding Points

The purpose of the points 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 has been based on the response of the Applicant to the Questionnaire.

The basis for the award of points is:

T₁ Working capital - It is necessary that the firm can withstand the Cash Flow that the contract will require until payment is received from Employer. 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 & advances) – (current liabilities + provision)} for the last financial year (Balance Sheets / Annex. III of Qualification documents), documents including current documents 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 INR 130 Million for this contract, net of applicant's commitments for other Contracts which constitutes three months cash flow requirements.

Adequate liquidity	=	3 points
Inadequate Liquidity	=	0 point

T₂ Profitability – In case of Joint venture/ Consortium all members will be evaluated and the arithmetic average of the points scored will be considered.

Earnings before tax but after interest, positive in all last Four or Five years	=	3 points
Ditto, but only in 3 years out of five	=	2 points
Ditto, but only in 2 years out of five	=	1 point
Other wise	=	0 point

T₃ Networth as item 9 of Annexure 3 of Qualification document.

≥ INR 260 Million	=	3 points
≥ INR 195 Million < INR 260 Million	=	2 points
≥ INR 130 Million < INR 195 Million	=	1 point
< INR 130 Million	=	0 point

T₄ Average Annual Turn-over for the last five years

≥ INR 1200 Million	= 3 points
≥ INR.1000 Million < INR 1200 Million	= 2 points
≥ INR 800 Million < INR 1000 Million	= 1 point
< INR 800 Million	= 0 point

T₅ Total Engineering / Technical staff to be made available for the project as obtained from answer to QUALIFICATION Questionnaire will determine whether the Applicant can complete the work in time

> 30	= 3 points
≥ 20	= 2 points
≥ 15	= 1 points
< 15	= 0 point

T_{5a} Qualification and Experience of key staff in similar works (limited to 7 in numbers) proposed for this work determines the capability of the Applicant to execute this work. The years of Experience in similar (ECS & BMS) will be averaged by considering both Prime and alternate staff.

≥ 8 years	= 3 points
≥ 5 but < 8 years	= 2 points
≥ 3 but < 5 years	= 1 point
< 3 years	= 0 point

T₆ Quality Assurance Programme in place. This is a major requirement and can only be assessed as existing or non-existing.

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

T₇ The number of years for which the applicant (Lead member in case of JV/Consortium) has been undertaking works similar in scope and nature is an indication of business stability, reputation and suitability.

≥ 8 years	= 3 points
≥ 5 but < 8 years	= 2 points
≥ 3 but < 5 years	= 1 point
< 3 years	= 0 point

T₈ No. of works of design, manufacture/supply, installation, testing, commissioning of ECS works completed during last 10 years in underground Mass Rapid transit facility / Commuter rail facility as a group member/approved sub contractor. (One Contract of Three underground stations or Two Contracts with minimum Two underground stations per Contract will be considered as One Work)

> 2 works	= 3 points
= 2 works	= 2 points
= 1 work	= 1 point
< 1 work	= 0 point

T₉ Number of the works executed by a group member or approved sub contractor in the field of Control and Monitoring of Building Management System in underground Mass Rapid Transit Facility/ Commuter Rail Facility during the last 10 years, (One contract of Three underground stations or Two contracts with minimum Two underground stations per contract will be considered as One Work)

> 2 works	= 3 points
= 2 works	= 2 points
= 1 work	= 1 point
< 1 work	= 0 point

Summary of Evaluation Criteria

An applicant would pass Qualification Criteria, if he meets the following 3 requirements:

- a) Pass in Initial Filter checklist.; **and**
- b) 50% marks in Topic A, & B each; **and**
- c) 60% marks in overall (Topic A + B)

ANNEXURE - A**EVALUATION OF QUALIFICATION APPLICATIONS****INITIAL FILTER OF APPLICANTS – CHECKLIST****(To be completed by Applicants and separately by each member in case of Group)****Name of Applicant:**

No.	Criteria	Yes	No
1	Has the Applicant abandoned any work in the last five years or has it been blacklisted by any Government Department/PSU or has any of its contract terminated for failure to perform?		
2	Has the Applicant paid liquidated damage more than 5% of the contract value in a contract due to delay or been penalized due to any other reason in the last five years?		
3	Has any misleading information been given in the application?		
4	Has the Applicant suffered bankruptcy/insolvency in the last five years?		
5	Has the applicant a consistent history of award against him in any litigation, in the last five years ending 31/3/2010?		
6	Is the Net Worth of the applicant as at the close of the last financial year Negative?		
7	<p>Has the Applicant carried out successfully the following in the last 10 (Ten) years ending 31-3-2010?</p> <p>Successfully completed one contract of Design, Supply, Installation, Testing and Commissioning of Environmental Control System (ECS) and BMS complying to ASHRAE and NFPA 130 or equivalent international Standards for any Mass Rapid Transit Facility / Commuter Rail Facility of 3 Nos. Underground Stations*.</p> <p style="text-align: center;">OR</p> <p>Successfully completed two contracts of Design, Supply, Installation, Testing and Commissioning of Environmental Control System (ECS) and BMS complying to ASHRAE and NFPA 130 or equivalent international Standards for any Metro Rail Transit Facility / commuter rail facility of 2 Nos. Underground Stations in each contract*.</p>		
8	Is the average annual turnover, in the last five financial years ending 31-3-2010 (as per audited accounts), not less than INR 800 million for a group as a whole. In case of group, the percentage participation of each JV / consortium member as incorporated in the MOU, shall be taken for calculation of the turnover of the group.		
9	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)		
10	Has the Applicant submitted duly filled Verification statement		

- Note:**
1. A “YES” answer to any of the questions 1 to 6, and an answer “NO” to questions 7 to 10 will **disqualify** the Applicant.
 2. *In case of Joint Venture/Consortium, at least one member shall fulfil the above minimum criteria.

PART III

Qualification Questionnaire

This document contains pro-forma letters and the Qualification Questionnaire. These are to be reproduced and completed as appropriate and submitted as part of the Applicant's Qualification submission.

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CONTENTS OF EACH SECTION

SECTION NUMBER	CONTENTS OF EACH SECTION	REMARKS
1.	<u>Pro-Forma – Section 1 General Letter of Application</u>	Pro-forma letters of application are on page 5 & 8/34 of this document
	Completed Qualification Questionnaire & Annexures	The Qualification Questionnaire is included from pages 9 to 34 in this document.
2.	<u>Pro-forma - Section 2</u> Memorandum and Articles of Association, or Partnership Deeds	A copy of the Memorandum and Articles of Association (or equivalent) in English for an incorporated applicant (or, in the case of a group, for each corporation forming a part of the applicant)/partnership deeds.
	Documents relating to a joint venture, partnership or consortium. (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 specialisation.	Applicant's attention is drawn to paragraph 5 of the Qualification Document. A proforma statement of participation to be completed by each member is on page 8/34 of the Questionnaire.
	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.	BMRCL wishes to ensure that applications are submitted under the signature(s) of persons who properly represent the Applicant. Accordingly, copies of such documents as Power of Attorney, signed minutes of board meetings confirming board resolutions, current published list of Directors / Executive Directors, etc should be submitted.
3.	<u>Pro-forma - Section 3</u> Documents relating to performance, current contracts, relevant experience.	The applicant shall submit details in support of statements in the Questionnaire or Annexures thereto, which relate to performance, current contracts and relevant experience.

<p>4.</p>	<p><u>Pro-forma - Section 4</u> Documents relating to Staff.</p>	<p>The applicant shall submit details in support of statements in the Questionnaire or Annexures thereto which relate to its management organisation (existing or, in the case of new groups proposed), and of staff/principal or key members of staff as provided in the Questionnaire.</p>
<p>5.</p>	<p><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)</p>	<p>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).</p>
	<p>Documents relating to the financial condition of an applicant (or, in the case of a group, each constituent member)</p>	<p>The following documents should be submitted in respect of each constituent, whether applying individually or as part of a group:</p> <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 account statement and the Balance Sheet. The Applicant shall also indicate the year wise Net Worth of each member for the previous five years ending in 2009-10. 2. A financial statement covering the period between the end of the last full accounting period 2009-10 and the Tender submission. 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 or an independent Chartered Accountant.

	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 independent Chartered Accountant.
	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 for this project.
6.	<u>Proforma Section 6</u> Documents relating to Design & Sub-contracting	The applicant shall submit details in support of statements in the Questionnaire or Annexures thereto, which relate to the design team and sub-contracting.
	Documents relating to Supply of Major items of equipment, testing facility, Quality Assurance, and Cost Control.	The applicant shall submit details in support of statements in the Questionnaire or Annexures thereto, which relate to the items of equipment, test facilities, Quality Assurance and Cost Control.

PRO-FORMA APPLICATION FORM

**PRO-FORMA LETTER OF APPLICATION (on Firm's Letter Head)
(On Lead member's letterhead in case of Group)**

The Managing Director,
Bangalore Metro Rail Corporation Ltd.,
III Floor, BMTC Complex,
K.H. Road, Shantinagar,
Bangalore-560 027. Karnataka
India.

(Applicant to provide date and reference)

Dear Sir,

**APPLICATION FOR QUALIFICATION TO TENDER NO. BMR/UG/ECS FOR DESIGN, ,
SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF ENVIRONMENT CONTROL
SYSTEM (ECS) AND BUILDING MANAGEMENT SYSTEM (BMS) FOR BANGALORE
METRO RAIL PROJECT – PHASE - 1**

We, the undersigned, apply to be qualified for the referenced work and in support of the application 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 on page .

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

This application is submitted on behalf of a joint venture/partnership/consortium (applicant to delete as appropriate) comprising (Applicant to state the names of each member) and of which (Applicant to 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.

We declare the following:

- (a) We are duly authorized to represent and act on behalf of _____ (hereinafter the "Applicant").
- (b) We have examined and have no reservations to the Qualification Document including Addenda No(s) _____ (please mention addendum number).

- (c) We for any part of the contract resulting from this qualification do not have any conflict of interest.
- (d) We are attaching with this letter, the copies of original documents defining: -
- i) the Applicant's legal status;
 - ii) its principal place of business; and
 - iii) its place of incorporation (if Applicants are corporations); or its place of registration (if Applicants are partnerships or individually owned firms).

For applicants as joint ventures/consortium, all information requested in the Qualification documents is to be provided for the joint venture, if it already exists, and for each joint venture partner separately. The lead partner should be clearly identified. Each member of Group shall sign the letter.

- (e) We further declare that we have not engaged any agent or middleman for this Qualification process or the tenders arising from it. We have not paid / will not be paying any commissions, gratuities or fees with respect to the Qualification process.
- (f) BMRCL and/or its authorised representatives are hereby authorised to conduct any inquiries or investigations to verify the statements, documents and information submitted in connection with this application, and to seek clarification from our bankers and clients. This Letter of Application will also serve as authorisation for any individual or authorised representative of any institution referred to in the supporting information, to provide such information deemed necessary and as requested by BMRCL.
- (g) BMRCL and/or its authorised representatives may contact the following nodal persons for further information on any aspects of the Application:

Contact	Name Address	Telephone 1	E Mail

- (h) This application is made in the full understanding that:
- i) tenders by Qualified Applicants will be subject to verification of all information submitted for Qualification at the time of tendering;
 - ii) BMRCL reserves the right to reject or accept any or all applications, cancel the Qualification process without any obligation to inform the applicant about the ground of same.

Applicants who are not JV or Consortium should delete paragraphs i, and j and initial the deletions

- (i) Appended to this application, we give details of the equity participation and role of each party in the joint venture / consortium.

- (j) We confirm that in the event of tender, as well as any resulting contract, will be:
 - i) signed so as to legally bind all partners, jointly and severally; and
 - ii) submitted with a conformed joint venture agreement

- (k) The undersigned declare that the statements made and the information provided in the duly completed application are complete, true, and correct in every detail. We also understand that in the event of any information furnished by us being found later on to be incorrect or any material information having been suppressed, the following action can be taken:
 - i. Our name will be removed from the panel of Qualified agencies.
 - ii. Any tender submitted by us on the basis of Qualification may not be considered.
 - iii. If any tender from us is accepted and a contract awarded to us on the basis of our Qualification, the tender acceptance may be withdrawn and the contract awarded to us cancelled without any financial claim / Arbitration request from our side.

NAME.....

In the Capacity of

Signed

Duly authorized to sign the Application for and on behalf of

Date

PRO-FORMA LETTER OF PARTICIPATION FROM EACH MEMBER OF A GROUP

(On each Firm's Letter Head)

(Separate letter required from each Applicant)

The Managing Director,
Bangalore Metro Rail Corporation Ltd.,
III Floor, BMTCL Complex,
K.H. Road, Shantinagar,
Bangalore – 560 027
Karnataka, India.

(Applicant to provide date and reference)

Dear Sir,

**APPLICATION FOR QUALIFICATION TO TENDER NO. BMR/UG/ECS FOR DESIGN, ,
SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF ENVIRONMENT CONTROL
SYSTEM (ECS) AND BUILDING MANAGEMENT SYSTEM (BMS) FOR BANGALORE
METRO RAIL PROJECT – PHASE - 1**

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. BMR/UG/ECS.

We understand that in the event of any information furnished by us being found later on to be incorrect or any material information having been suppressed, the following action can be taken:

- i. Our name will be removed from the panel of Qualified agencies.
- ii. Any tender submitted by us on the basis of Qualification may not be considered.
- iii. If any tender from us is accepted and a contract awarded to us on the basis of our Qualification, the tender acceptance may be withdrawn and the contract awarded to us cancelled without any financial claim/Arbitration request from our side.

(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 Qualification and tendering.

(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 Qualification and tendering, represent the group.

In the event of our group being invited to tender for Tender No. BMR/UG/ECS, we agree to be jointly (with other members of our group) and severally liable to BMRCL , its successors and assigns for all obligations, duties and responsibilities arising from or imposed by any contract subsequently entered into between BMRCL and our group.

Yours faithfully,
(Signature)

(Name of Signatory)

(Capacity of Signatory)

QUALIFICATION QUESTIONNAIRE

- Notes:
1. Each page of the Questionnaire and contents of Sections shall be signed by the Applicant.
 2. **This entire Questionnaire pro-forma shall be completed in all respect.**
 3. 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.)
 4. In the box 'Y' denotes Yes and 'N' denote No. Please tick mark whichever is applicable or write Yes or No explicitly, as the case may be.
 5. The Qualification Document submitted shall be numbered sequentially and the page number of each answer should be noted against the respective item below.
 6. The Filter of Applicants – checklist as given at Annexure A part II of the Qualification document shall be submitted by the Applicant for each member/Participant separately as per the Filter checklist. Applicant/Tenderer will be first evaluated on the Filter criteria, which will act as an initial filter. The Applicant/Tenderer who do not pass this test will not be evaluated further.

PRO-FORMA SECTION 1- GENERAL

1.	Contract number for which Qualification is sought: Contract No: BMR/UG/ECS
2.	Title of contract for which Qualification is sought: DESIGN, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF ENVIRONMENTAL CONTROL SYSTEM (ECS) AND BUILDING MANAGEMENT SYSTEM (BMS) FOR UNDERGROUND STATIONS AND ASSOCIATED TUNNEL SECTIONS OF NORTH-SOUTH AND EAST-WEST CORRIDORS FOR BANGALORE METRO RAIL PROJECT – PHASE 1
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. Applicants who are in a group, State the following:

No.	Names of members (Lead member first):	Legal Status;	Registered address and principal place of business:	Percentage participation;	Country of Incorporation or Domicile.
1					
2					
3					
4					

Lead member shall be the member nominated by the consortium members. His participation must be at least 40% in financial terms in the group. In respect of other members the minimum shall be 25% in financial terms.

Authorized Contact person (from lead member)
 Contact person's title:
 Address, telephone, facsimile and e-mail ID of contact person:

A non-Indian firm is encouraged to associate an Indian firm in the Qualification Process.

5a.	<p>In case of mergers / acquisition within the past 5 Years, state the following:</p> <table><thead><tr><th data-bbox="264 302 760 380">Name of the Applicant (Each member in case of group)</th><th data-bbox="760 302 1430 417">Name of the companies merged with or acquired by the applicant (Member in case of group) and the dates of merger / acquisition</th></tr><tr><td></td><td><table><thead><tr><th data-bbox="760 422 1182 457">Name</th><th data-bbox="1182 422 1430 457">Date of Merger</th></tr></thead><tbody><tr><td>•</td><td></td></tr><tr><td>•</td><td></td></tr><tr><td>•</td><td></td></tr><tr><td>•</td><td></td></tr></tbody></table></td></tr></thead></table>	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><thead><tr><th data-bbox="760 422 1182 457">Name</th><th data-bbox="1182 422 1430 457">Date of Merger</th></tr></thead><tbody><tr><td>•</td><td></td></tr><tr><td>•</td><td></td></tr><tr><td>•</td><td></td></tr><tr><td>•</td><td></td></tr></tbody></table>	Name	Date of Merger	•		•		•		•	
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><thead><tr><th data-bbox="760 422 1182 457">Name</th><th data-bbox="1182 422 1430 457">Date of Merger</th></tr></thead><tbody><tr><td>•</td><td></td></tr><tr><td>•</td><td></td></tr><tr><td>•</td><td></td></tr><tr><td>•</td><td></td></tr></tbody></table>	Name	Date of Merger	•		•		•		•					
Name	Date of Merger														
•															
•															
•															
•															

<p>6.</p>	<p>For the Applicant, (in case of group, for each constituent member), state the following information:</p> <ul style="list-style-type: none"> • Date of incorporation of organisation. • Names and Titles of Directors or partners. • Has the company or firm ever failed to complete any work awarded or has been levied liquidated damages for delay in completion of work in last 5 years ending 31.03.2010. If Yes furnish details <table border="1" style="float: right; margin-left: 20px;"><tr><td style="width: 20px; height: 20px; text-align: center;">Y</td><td style="width: 20px; height: 20px; text-align: center;">N</td></tr></table> • In case of mergers / acquisitions, has any of the merged / acquired Companies of the applicant (or any constituent member in case of Group), ever failed to complete any work awarded to it prior to its being merged / acquired in the last 5 years. If yes give explanations. <table border="1" style="float: right; margin-left: 20px;"><tr><td style="width: 20px; height: 20px; text-align: center;">Y</td><td style="width: 20px; height: 20px; text-align: center;">N</td></tr></table> • Is the firm or company involved or financially interested in any other Business not directly associated with the area of work for which Qualification is sought? If yes, give details. <table border="1" style="float: right; margin-left: 20px;"><tr><td style="width: 20px; height: 20px; text-align: center;">Y</td><td style="width: 20px; height: 20px; text-align: center;">N</td></tr></table> • In case of Non-Indian Company, does the company or firm have an office or branch office in India? If so, provide address (es) <table border="1" style="float: right; margin-left: 20px;"><tr><td style="width: 20px; height: 20px; text-align: center;">Y</td><td style="width: 20px; height: 20px; text-align: center;">N</td></tr></table> • (Applicants are to present this information on sheets which are to be clearly referenced as (being in response to this Question 6.) <table border="1" style="float: right; margin-left: 20px;"><tr><td style="width: 20px; height: 20px; text-align: center;">Y</td><td style="width: 20px; height: 20px; text-align: center;">N</td></tr></table> • Has the firm or company or any partner of the group been blacklisted by any Government Department / PSU. <table border="1" style="float: right; margin-left: 20px;"><tr><td style="width: 20px; height: 20px; text-align: center;">Y</td><td style="width: 20px; height: 20px; text-align: center;">N</td></tr></table> 	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
Y	N												
Y	N												
Y	N												
Y	N												
Y	N												
Y	N												
<p>7.</p>	<p>Does your company (in case of a group, each constituent member) combine the functions of a designer with those of contractor and or a manufacturer? Please elaborate.</p> <p>.....</p>												
<p>8a.</p>	<p>In case of International applicants, is an Indian partner experienced in an appropriate discipline, a member of the Group? <table border="1" style="float: right; margin-left: 20px;"><tr><td style="width: 20px; height: 20px; text-align: center;">Y</td><td style="width: 20px; height: 20px; text-align: center;">N</td></tr></table></p> <ul style="list-style-type: none"> • If Yes, provide list of disciplines / products. • If not, give reasons..... 	Y	N										
Y	N												
<p>8b.</p>	<p>In case of international Applicants, has an association been formed with an Indian partner(s) for transfer of technology for design, indigenous system assembly, installation maintenance and software customisation/ modification of systems. <table border="1" style="float: right; margin-left: 20px;"><tr><td style="width: 20px; height: 20px; text-align: center;">Y</td><td style="width: 20px; height: 20px; text-align: center;">N</td></tr></table></p> <ul style="list-style-type: none"> • If Yes, provide list of disciplines / products • If not, give reasons for exclusion? 	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>	<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>	<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 Qualification Brochure for each member?</p> <ul style="list-style-type: none"> In the case of groups have you enclosed a MOU/JV Agreement duly signed by each member with an undertaking that they will be jointly and severally responsible for the entire work? <p>If not, give reasons.</p>	<table border="1"> <tr> <td>Y</td> <td>N</td> </tr> </table> <table border="1"> <tr> <td>Y</td> <td>N</td> </tr> </table>	Y	N	Y	N
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. 	<table border="1"> <tr> <td>Y</td> <td>N</td> </tr> </table>	Y	N		
Y	N					
<p>13</p>	<p>In case of group, does Section 2 contain Power of Attorney issued by each member authorising the Lead Member of the group to act on behalf of the group?</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 percentage participation by each constituent member for the proposed work? 	<table border="1"> <tr> <td>Y</td> <td>N</td> </tr> </table>	Y	N		
Y	N					

<ul style="list-style-type: none"> • Areas of specialisation/responsibility of each member for the proposed work? 	<table border="1"> <tr> <td>Y</td> <td>N</td> </tr> </table>	Y	N
Y	N		
<ul style="list-style-type: none"> • Extent of participation (including deployment of major plant items and key personnel) by each member for the proposed work? 	<table border="1"> <tr> <td>Y</td> <td>N</td> </tr> </table>	Y	N
Y	N		
<ul style="list-style-type: none"> • Have you provided detailed information of the sub-systems of Environment Control System (ECS) to be designed and or supplied by each member? 	<table border="1"> <tr> <td>Y</td> <td>N</td> </tr> </table>	Y	N
Y	N		
<ul style="list-style-type: none"> • Have you provided details as to who will co-ordinate the transfer of technology for design, indigenous system assembly, installation, maintenance, software customisation/modifications of systems and how this to be achieved? 	<table border="1"> <tr> <td>Y</td> <td>N</td> </tr> </table>	Y	N
Y	N		
<p>If the answer to any question is no, please give reasons.</p>	<table border="1"> <tr> <td>Y</td> <td>N</td> </tr> </table>	Y	N
Y	N		
<ul style="list-style-type: none"> • Functional Division of Work between the members of the Group 			
<ul style="list-style-type: none"> • AOA (Articles of Association) of each member 	<table border="1"> <tr> <td>Y</td> <td>N</td> </tr> </table>	Y	N
Y	N		
<p>.....</p> <p>.....</p>			

PRO-FORMA SECTION 3

15.	<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: 2px;">Name</td> <td style="padding: 2px;">No. of years</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">(1)</td> <td style="padding: 2px;">.....</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">(2)</td> <td style="padding: 2px;">.....</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">(3)</td> <td style="padding: 2px;">.....</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">(4)</td> <td style="padding: 2px;">.....</td> </tr> </table>	Name	No. of years	(1)	(2)	(3)	(4)		
Name	No. of years												
(1)												
(2)												
(3)												
(4)												
16.	<p>State the number of years the applicant (or each constituent member) has been undertaking work similar in scope and nature to the works for which Qualification is sought.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%; border-right: 1px solid black; padding: 2px;">Name</td> <td style="padding: 2px;">No. of years</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">(1)</td> <td style="padding: 2px;">.....</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">(2)</td> <td style="padding: 2px;">.....</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">(3)</td> <td style="padding: 2px;">.....</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">(4)</td> <td style="padding: 2px;">.....</td> </tr> </table>	Name	No. of years	(1)	(2)	(3)	(4)		
Name	No. of years												
(1)												
(2)												
(3)												
(4)												
17a.	<p>Performance Record. Applicants should scrutinise the contract description contained in this Qualification Document 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 detailed design, system assembly, installing, 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 other system. Further information and literature associated with system performance and reliability 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 prior to their acquisition / merger in the last 5 years. All the material should be clearly referenced as being in response to this Question 17a.</p> <ul style="list-style-type: none"> <li style="margin-bottom: 10px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 5px;"> <ul style="list-style-type: none"> • Do you (and each constituent member of the group) authorise BMRCL to make enquiries with any of the Clients listed by the Applicant? </td> <td style="width: 30%; text-align: center; vertical-align: middle;"> <table border="1" style="border-collapse: collapse; width: 60px; height: 20px;"> <tr> <td style="width: 50%; text-align: center;">Y</td> <td style="width: 50%; text-align: center;">N</td> </tr> </table> </td> </tr> </table> <li style="margin-bottom: 10px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 5px;"> <ul style="list-style-type: none"> • Have you (and each constituent member of the group) provided details required in Annexure 1 and 1A for similar Contracts undertaken in the last ten years ending 31.03.2010? (Use a separate sheet for each contract and include in the Questionnaire) </td> <td style="width: 30%; text-align: center; vertical-align: middle;"> <table border="1" style="border-collapse: collapse; width: 60px; height: 20px;"> <tr> <td style="width: 50%; text-align: center;">Y</td> <td style="width: 50%; text-align: center;">N</td> </tr> </table> </td> </tr> </table> <li style="margin-bottom: 10px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 5px;"> <ul style="list-style-type: none"> • Have details required in Annexure1 and Annexure1A been given in respect of mergers / acquisitions for a period of 5 years prior to their merger / acquisition? </td> <td style="width: 30%; text-align: center; vertical-align: middle;"> <table border="1" style="border-collapse: collapse; width: 60px; height: 20px;"> <tr> <td style="width: 50%; text-align: center;">Y</td> <td style="width: 50%; text-align: center;">N</td> </tr> </table> </td> </tr> </table> <p style="margin-left: 20px;">If the answer is No, give explanations.</p> <p style="margin-left: 40px;">(Use a separate sheet for each Contract and include in the Questionnaire)</p>	<ul style="list-style-type: none"> • Do you (and each constituent member of the group) authorise BMRCL to make enquiries with any of the Clients listed by the Applicant? 	<table border="1" style="border-collapse: collapse; width: 60px; height: 20px;"> <tr> <td style="width: 50%; text-align: center;">Y</td> <td style="width: 50%; text-align: center;">N</td> </tr> </table>	Y	N	<ul style="list-style-type: none"> • Have you (and each constituent member of the group) provided details required in Annexure 1 and 1A for similar Contracts undertaken in the last ten years ending 31.03.2010? (Use a separate sheet for each contract and include in the Questionnaire) 	<table border="1" style="border-collapse: collapse; width: 60px; height: 20px;"> <tr> <td style="width: 50%; text-align: center;">Y</td> <td style="width: 50%; text-align: center;">N</td> </tr> </table>	Y	N	<ul style="list-style-type: none"> • Have details required in Annexure1 and Annexure1A been given in respect of mergers / acquisitions for a period of 5 years prior to their merger / acquisition? 	<table border="1" style="border-collapse: collapse; width: 60px; height: 20px;"> <tr> <td style="width: 50%; text-align: center;">Y</td> <td style="width: 50%; text-align: center;">N</td> </tr> </table>	Y	N
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Y	N												

<p>17b.</p>	<p>Work in Hand. Applicant or each constituent member should indicate, in the proforma given in Annexure-2 and 2A. Details for each similar contract / commitment which is not yet completed or for which letter of intent or acceptance has been received as of 31-3-2010.</p> <p>(Applicants are to present this information in Annexure 2 & 2A)</p> <p>Have you (and each constituent member of the group) provided details required in Annexure 2 and 2A?</p> <div style="text-align: right;"> <table border="1" data-bbox="1258 577 1372 640"> <tr> <td style="width: 20px; height: 20px; text-align: center;">Y</td> <td style="width: 20px; height: 20px; text-align: center;">N</td> </tr> </table> </div> <p>(Use a separate sheet for each Contract and include in the Questionnaire)</p> <hr/>		Y	N
Y	N			
<p>17c.</p>	<p>Annual financial turnover of the applicant / members in case of group, for the last 5 years as on 31.03.2010.</p> <table border="1" data-bbox="261 884 1390 1052"> <tr> <td style="width: 30%; padding: 5px;"> <p>Name of the applicant (Members in case of group)</p> </td> <td style="padding: 5px;"> <p>Annual financial turnover for foreign currency and Indian currency (INR) pertaining to design, supply, installation, testing and commissioning of Environmental Control System (ECS).</p> </td> </tr> </table>		<p>Name of the applicant (Members in case of group)</p>	<p>Annual financial turnover for foreign currency and Indian currency (INR) pertaining to design, supply, installation, testing and commissioning of Environmental Control System (ECS).</p>
<p>Name of the applicant (Members in case of group)</p>	<p>Annual financial turnover for foreign currency and Indian currency (INR) pertaining to design, supply, installation, testing and commissioning of Environmental Control System (ECS).</p>			

17d.	<p>Has the applicant during last ten years</p> <p>successfully completed One contract of Design, Supply, Installation, Testing and Commissioning of Environmental Control System (ECS) and Building Management System (BMS) complying to ASHRAE and NFPA 130 or equivalent international Standards for any Mass Rapid Transit Facility of 3 Nos. of Underground Stations?</p> <p style="text-align: center;">OR</p> <p>successfully completed Two contracts of Design, Supply, Installation, Testing and Commissioning of Environmental Control System (ECS) and Building Management System (BMS) complying to ASHRAE and NFPA 130 or equivalent international Standards for any Mass Rapid Transit Facility of 2 Nos. of Underground Stations in each contract?</p> <p>If yes, give details of the project and scope of work and services provided (in case of a group, this information is to be given for each member.)</p> <p>For projects not complying to NFPA 130, Tenderer to provide details of standards followed and highlight the major differences with NFPA 130.</p> <p>Give reference of the work as submitted in Annexure 1 in reply to Question 17(a) and shall also give the reference of submitted supported completion certificate from the client.</p>
17e.	<p>Has the applicant during last ten years, executed</p> <p>(a) Works of Remote Control and Monitoring of Environmental Control System (ECS) executed in an underground Mass Rapid Transit System / Commuter Rail Facility</p> <p>If yes, give details (in case of a group, this information is to be given for each member.)</p> <p>Give reference of the work as submitted in Annexure 1 in reply to Question 17(a) and shall also give the reference of submitted supported completion certificate from the client.</p>

ANNEXURE 1

Name of the Applicant / Member:

Project Title:		Location:	
Scope:		Address:	
Client::			
Client's Representative:		Tel.:	
Type of Contract: Environmental Control System (ECS) & Building Management System (BMS)			
Please give brief description of works.			
Was an Indian Government standard form of contract used? If Yes, ✓ give details:			
Was an international standard form of contract used? If Yes give details:			
Was the work carried alone or as a member of the group? If a group, indicate percentage participation and area/s of participation.			
Date, work commenced		Date of Work Completed	
Was the date of completion given in the original contract extended? If so, how much and why?			
Were any penalties imposed For delay? If yes, give details.	<input type="checkbox"/> Y <input type="checkbox"/> N	Did the applicant go in for Arbitration? If yes, give details. Each constituent member should indicate in the Form in Annexure-1B.	<input type="checkbox"/> Y <input type="checkbox"/> N
Were any penalties imposed for reasons other than delay? If yes, give details	<input type="checkbox"/> Y <input type="checkbox"/> N	Did the applicant go in for Litigation? If yes, give details. Each constituent member should indicate in the Form in Annexure-1B.	<input type="checkbox"/> Y <input type="checkbox"/> N

Contract Value in Rupee equivalent. 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.

Details of work undertaken by concerned applicant / member

Were Quality Assurance obligations required in the contract?

If yes, whether they were fulfilled?

Were specified performance requirements of the systems achieved?

If yes, please give details of reliability in terms of availability of the systems achieved during warranty period or three years from the date of commissioning whichever is later.

If No, give reasons

Has the applicant (or any member of a group) been blacklisted by a client?

If Yes, Why?

Was there any complaint received from the client relating to the performance of the Systems?

If yes, give details.

Was the warranty clause invoked by the client?

If yes, give details.

Did the arrangements/facilities exist to rectify defects during warranty period?

If yes, give details including the location of facilities.

Was technology transfer a part of the contract?

If Yes, what was the time frame?

Was the technology transfer achieved within the time frame as contracted?

Y	N
---	---

If No, give reasons thereof.

Project Description including transfer of technology for design indigenous system assembly, installation, maintenance and software customisation/ modification details. Briefly indicate plan of action in the direction of progressive transfer to India.

Y	N
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NOTE: The applicant or member of a group shall enclose supported completion certificate from the client.

ANNEXURE 1A

SUMMARY OF INFORMATION PROVIDED IN ANNEXURE-1

Name of applicant (each member in case of group)	Total number of contracts completed in last 10 years	Number of system designed of each type: (a) Environmental Control System Works for Underground Mass Rapid Transit System Complying to ASHRAE and NFPA 130 or any equivalent International Standard (b) Building Management System for Underground Mass Rapid Transit System.	Number of contracts for which Contractor went for		Number of Contracts delayed i.e., completed beyond the original date of completion	Total value of contracts in 10 years (in equivalent rupees) as on 31.03.2010
			Litigation	Arbitration		
	<p>* Note: Applicant or each constituent member should indicate, in the form in Annexure – 1B, details for each contracts for which they went for Litigation / Arbitration. Separate sheet for each case be submitted.</p>					

Annexure – 1B

Litigation/Arbitration History

(Refer to Clause 11.0 of ITA)

Applicant's name Date.....
 Group Members I Name..... Page of pages

Each Applicant or member of a JV must fill in this form: **(Applicants, including each of the partners of a joint venture, should provide information on any history of litigation resulting from contracts executed in the last 5 years ending 31.3.2010. A separate sheet should be used for each partner of a joint venture).**

Year	Contract Identification and Matter in Dispute	Value of Pending Claim (Disputed amount) in INR or other foreign currency.
	Contract Name: Name of Employer Address of Employer Matter in Dispute Cause of Dispute Total value of the Contract	

Note : Exchange rate as on 31.03.2010 shall be taken for calculating Equivalent INR of any other foreign currency.

ANNEXURE 2

WORKS IN HAND

Name of the applicant or member of constituent Group				
Applicants (each member of the Group) should provide information on their current commitments or all contracts that have been awarded or for which a letter of intent or acceptance has been received or for contracts approaching completion but for which a completion certificate is yet to be issued.				
Particulars of Contract	Name of Client with telephone number	Type of System (a) Environmental Control System Works for Underground Mass Rapid Transit System Complying to ASHRAE and NFPA 130 or any equivalent International Standard (b) Building Management System for Underground mass Rapid Transit facility.	Value of balance work yet to be done in Rupee equivalent as on 31.03.2010.	Estimated completion Date

NOTE: List only 10 Largest Similar works.

Annexure – 2B**Arbitration History**

Name of Applicant or partner of a joint venture

Applicants, including each of the partners of a joint venture, should provide information on any history of Arbitration resulting from contracts currently under execution. A separate sheet should be used for each partner of a joint venture.

Year	Award FOR or AGAINST Applicant	Name of client, cause of Arbitration and matter in dispute	Disputed amount in INR or other foreign currency
Note:- This information should be for all the works in progress including those listed in Annexure – 2.			

ANNEXURE 3

FINANCIAL DATA

No	Financial Information in Rupee equivalent	Actuals for Previous five years ending 2009-10					Projection for the current year
1.	Total Assets						
2.	Current Assets						
3.	Total Liabilities						
4.	Current Liabilities						
5.	Profit before interest and Tax						
6.	Profit before Tax						
7.	Profit after Tax						
8.	Working Capital [= 2 – 4]						
9.	Net Worth [= 1 – 3]						
10	Annual Turnover						

- Attached copies of the audited balance sheets, including all related notes, income statements for the last five years, as indicated above, complying with the following conditions.
 - 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 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 a group together with Auditor’s certification.
 - Financial statements must be audited by a certified chartered accountant
 - Financial statements must be complete, including all notes to the financial statements.
 - Financial statements must correspond to accounting periods already completed and audited (no statements for partial periods will be accepted).
 - Annexure 3 to be signed by the certified Chartered Accountant.
- **Financial data of each year submitted in foreign currency shall be converted to Equivalent INR at the exchange rate prevailing on 31st March of the respective year.**

PRO-FORMA SECTION 4

18.	<p>Staff: Applicants (and each group member) should indicate the number of staff employed (total and at specified offices) by each applicant or each member of the group. Specify number of each member’s managerial, technical, supervisory staff and skilled labour at each location for serial Nos. (a) and (b) as detailed below. This information should be only in respect of regular employees who are for more than six month with the applicant. Name of Applicant (Each member of the group)</p> <p>(a) Environmental Control System Works for Underground Mass Rapid Transit System complying to NFPA 130 or any equivalent international standard</p> <p>(b) Building Management System for Underground Metro Transit facility</p>				
	Location	Managerial (1)	Technical & Engineers (2)	Supervisory (other than (1) & (2)) (3)	Skilled Labour (4)
	1. 2. 3. 4. etc.				
	TOTAL				

19a.	<p>Provide the following information for the applicant (or in case of a group each member) in Section 4, separately for each system / sub-system. The experience of each Key staff to be deployed shall be in accordance with Attachment C to Appendix FT-9 (Package2, Volume-1). To include only the regular employees of the applicant who have been with the applicant for at least 6 months (member in case of a group). CVs of the key staff (Prime and Alternate) proposed for this work to be enclosed in Annexure-4.</p> <p>Name of the applicant / member in case of Group</p>						
	Discipline	Total Numbers Available	Number Available for proposed Contract	Academic Qualifications			
	<p>Team Leader /Project Manager* (Should have atleast 4 years experience as Project Manager) System Design Engineer* Safety Officer* Electrical Engineer Air Conditioning Engineer* Building Management Expert* Quality Assurance Specialist* Control system specialist Testing Engineer (Electrical) Testing Engineer (ECS) Site Installation Engineer* Others (give details) (CADD Operator, Finance Expert etc;) * CV of these Key Staff shall be submitted as per Proforma in Annexure 4.</p>			PGs	Graduates	Others	No. of years of experience in discipline
19b.	<p>Which member of the Applicant / group will provide the Project Leader? Provide the academic and professional qualifications and experience of the proposed Project Leader.</p>						
20.	<p>Provide in Section 4 relevant CVs of Key Staff indicating qualifications, length of service, previous experience of work similar in nature to the work for which Qualification is sought.</p>						
21.	<p>Provide in Section 4 the following :</p> <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 this contract along with number of staff, their discipline with their CVs. 						

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="272 443 1174 590">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 INR 130 Million for the proposed contract net of your commitments for other contracts and other liabilities.</p> <p data-bbox="272 642 1057 709">Do you authorise BMRCL to make enquiries with any of the Banks you listed in this application?</p> <p data-bbox="272 804 1174 909">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 ending 31-03-2010 and also information given in Annexure 3.</p>

Y	N
---	---

Y	N
---	---

Y	N
---	---

PRO-FORMA SECTION 6

<p>24.</p>	<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 verification of system or 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>Further details and literature should be enclosed in Section 6, clearly referenced as being in response to this Question 24.</p>
<p>25.</p>	<p>Do you intend, in case of being invited to tender, to subcontract with other manufacturer / contractors 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> <ul style="list-style-type: none"> • Provide details of all sub-systems that will be designed in-house. • Provide information on systems that will be designed by the applicant. • What is the part (in percentage) of the total work for Environmental Control System (ECS) proposed to be sub-contracted?
<p>25a.</p>	<p>Applicants (each member in case of group) are to include in Section 6 information relating to number of works of Design, Supply, Installation, Testing & Commissioning of ECS system as well as testing facilities for major equipment. The applicant must also demonstrate that, based on known commitments, the availability of staff and resources (including design staff) shall be adequate such that the contract can be completed in time.</p> <ul style="list-style-type: none"> • Provide Number, qualification and experience in similar projects of the Project staff proposed to be deputed for this contract. List out the resources and the facilities available to complete design verification and detail engineering works as per the contract requirement. • Provide details of proposed approach for the supply, installation and testing of major equipment for the Environment Control System works. <p>Provide details of the testing and commissioning approach and the facilities of major testing equipment available.</p>

26a.	<p>Applicants (each member in case of Group) are to include in Section 6 information relating to the availability of major facilities for this work.</p> <p>Applicants or each constituent member thereof should provide in Section 6 information on the number, location facilities and Offices that they own or operate that they would use for this contract.</p> <p>Provide similar information facilities available in India.</p> <p>Provide information on the test facilities used for proving the performance and quality of your systems.</p> <p>Provide the number and specifications of CADD Plotters and workstations available for the designs for the systems and sub-systems, the computing power and programmes available for the contract.</p> <p>The applicant must demonstrate that based on known commitments, key items of equipment will be available in full working order for the project in such number that the contract can be completed in time.</p> <p>Provide information on the test facilities used for providing the performance and quality of your systems.</p> <p>Quality Assurance Programme:</p>
26b.	<p>Do Applicants or each constituent member currently maintain an in-house Quality Assurance programme? <input data-bbox="1227 989 1339 1045" type="checkbox"/> Y <input data-bbox="1284 989 1339 1045" type="checkbox"/> N</p> <p>If yes, give details.</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? <input data-bbox="1227 1142 1339 1199" type="checkbox"/> Y <input data-bbox="1284 1142 1339 1199" type="checkbox"/> N</p> <p>If yes, give details and furnish the copy of the certificate for each Member in case of Group.</p>
26c.	<p>Do you (each constituent member) have cost control mechanism in your organisation. <input data-bbox="1227 1318 1339 1375" type="checkbox"/> Y <input data-bbox="1284 1318 1339 1375" type="checkbox"/> N</p>

VERIFICATION STATEMENT

<p>27.</p>	<p>I confirm and declare that no agent, middleman 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 :</p> <p>(to be signed by applicant and each member of the group)</p> <p>Date:</p>
<p>28.</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:</p> <p>(Same signatory as on letter of application)</p> <p>Date:</p>
<p>29.</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> <ul style="list-style-type: none"> (a) 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 (b) also the Tender for this Contract has not been submitted by us as part of more than JV, Partnership or Consortium. <p>The information contained in this questionnaire is truthful and exact.</p> <p>Signed:</p> <p>(to be signed by applicant and each member of the group)</p> <p>Date:</p>

30. **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; width: 30px;">Y</td> <td style="text-align: center; width: 30px;">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; width: 30px;">Y</td> <td style="text-align: center; width: 30px;">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; width: 30px;">Y</td> <td style="text-align: center; width: 30px;">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; width: 30px;">Y</td> <td style="text-align: center; width: 30px;">N</td> </tr> </table>	Y	N
Y	N		
<p>Member 4 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; width: 30px;">Y</td> <td style="text-align: center; width: 30px;">N</td> </tr> </table>	Y	N
Y	N		

ANNEXURE 4

Applicant's name Date.....

Group Member's name.....Page of pages

Key Staff CV (Prime and Alternate)

Name of Applicant		
Position (select from Key positions)		Prime/Alternate
Whether proposed to be positioned in Bangalore throughout for this Project		Y/N
Candidate Information	Name of Candidate	Date of Birth
	Professional Qualifications	
Present employment	Name of Employer	
	Address of Employer	
	Telephone	Contact (Manager / Personnel Officer)
	Fax	Email ID
Total Experience in (Years)	In Similar Works (Years)	As Manager of Similar Works (Years)

Summarize professional experience over the last 10 years, in reverse chronological order. Indicate particular technical and managerial experience relevant to the Project

From	To	Company / Project / Position / Relevant technical and managerial experience

Note: In respect of qualification and experience of the key staff, please refer to Attachment C to Appendix FT-9 of package 2, Volume-1

TENDERER'S 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 Qualification submission entirely in accordance with all the requirements from the Qualification document and we agree entirely with them.

Authorised Signatory