



REQUEST FOR PROPOSAL

“Supply, Installation and Commissioning of Hardware/ related software for providing eOffice facility at MMRC and maintenance support for 6 months”

Ref Number: MMRDA/ MMRC/330

Date: 13.10.2015

Tender document Amount: Rs. 5000/-

**Information Technology Cell
Mumbai Metro Rail Corporation Limited
3rd Floor, Namttri Building, Behind MMRDA
Near Jetwan, Bandra Kurla Complex, Plot No. R-13, E-Block
Bandra (East), Mumbai- 400-051
Email: itpmo.mmrc@gmail.com**

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Glossary

Terms	Definitions
MMRC	Mumbai Metro rail Corporation limited
IT	Information Technology
RFP	Request for Proposal
EMD	Earnest Money Deposit
SLA	Service Level Agreement
PBG	Performance Bank Guarantee
GoM	Government of Maharashtra
GCC	General Condition of Contract
BKC	Bandra Kurla Complex
MML-3	Mumbai Metro Line - 3

Section: 1

Invitation for Proposal

1 Invitation for Proposal

MMRC hereby invites Proposals from authorized suppliers/Agencies of IT Infrastructure and Services, who meet the Initial filter as specified in this bidding document for the “For Supply, Installation and Commissioning of Hardware/ related software for providing eOffice facility at MMRC and maintenance support for 6 months” as detailed in Section 2.21 of this RFP document.

The complete bidding document shall be published on <https://etendermmrda.maharashtra.gov.in> for the purpose of downloading. The downloaded bidding document shall be considered valid for participation in the electronic bidding process (e-Procurement/ e-Tendering) subject to the submission of required tender/ bidding document fee and EMD through e-Tendering Online Payment Gateway mode only.

To participate in online bidding process, Bidders must procure a Digital Signature Certificate (Class - II) as per Information Technology Act-2000 using which they can digitally sign and encrypt their electronic bids. Bidders can procure the same from any CCA approved certifying agency, i.e. TCS, Safecrypt, Ncode, etc. Bidders who already have a valid Digital Signature Certificate (DSC) need not procure a new DSC.

Bidders are also advised to refer “Bidders Manual Kit” available at <https://etendermmrda.maharashtra.gov.in> for further details about the e-tendering process.

Bidder is advised to study this RFP document carefully before submitting their proposals in response to the RFP Notice. Submission of a proposal in response to this notice shall be deemed to have been done after careful study and examination of this document with full understanding of its terms, conditions and implications.

The RFP document is placed at MMRDA’s website www.mmrda.maharashtra.gov.in . Bidder/ Agencies are advised to study this RFP document carefully before submitting their proposals in response to the RFP Notice. Submission of a proposal in response to this notice shall be deemed to have been done after careful study and examination of this document with full understanding of its terms, conditions and implications.

Prospective bidders are advised to check the minimum qualification criteria before participating in the bidding process. This RFP document is not transferable and the name of the bidder who purchases and submits the same bid shall be unchanged.

1.1 Key Events and Dates

S. No	Information	Details
1	Advertising Date	13.10.2015
2	RFP Document Download Start Date & Time	From 14.10.2015 from 11 am (IST) to 16.11.2015 till 5 pm (IST)
	Websites for downloading Tender Document, Corrigendums, Addendums etc.	https://etendermmrda.maharashtra.gov.in
3	Last date to send in requests for clarifications	14.10.2015 from 11 am (IST) to 26.10.2016 till 5 pm (IST)
4	Websites for downloading Tender Document, Corrigendum's, Addendums etc.	https://etendermmrda.maharashtra.gov.in
5	Last date (deadline) for submission of bids	16.11.2015 till 5 pm (IST)
6	Online Control Transfer Of Bid	17.11.2015 From 6.01pm to 18.11.2015 6 pm (IST)
7	Date Time and Place of opening of Technical proposals	19.11.2015 after 11 am (IST)
8	Date Time and Place of opening of Financial proposals	Will be intimated later to qualified respondents.
9	Detail of the contact person and Address at which sealed bids are to be submitted	Shri. R. K Sharma , IRSEE ED-Electrical & Incharge IT Cell 4 th Floor Floor, Nammtri Building Bandra Kurla Complex Bandra (East) Mumbai—400-051 E-mail: itpmo.mmrc@gmail.com

1.2 Other Important Information Related to Bid

S. No.	Item	Description
1.	Earnest Money Deposit (EMD) in the form of a Demand Draft in favor of 'MMRD Fund' payable at Mumbai	Rs.30,000/-
2.	Bid Validity Period	(120) One-hundred-and-twenty days from the date of opening of Financial Bid
3.	Last date for furnishing Performance Security to MMRC (By successful bidder)	Within fourteen (14) working days of the date of notice of award of the contract or prior to signing of the contract whichever is earlier or as intimated in the work order issued by MMRC
4.	Performance Security value (Performance Bank Guarantee)	10% of contract value/ Bid value of successful bidder
5.	Performance Bank Guarantee (PBG) validity period	PBG should be valid till for 180 days from the end of contract
6.	Last date for signing contract	As intimated in work order of MMRC

Section: 2

Instructions to Bidders

2 Instructions to Bidders

2.1 Introduction of MMRC

Mumbai Metro Rail Corporation (MMRC) is a Joint Venture (50:50) Company of Government of India and Government of Maharashtra. MMRC is responsible for the implementation of 33.5 Kms Mumbai Metro Rail Line-3 running along Colaba-Bandra-Seepz.

2.2 Purpose

The purpose of this RFP is to seek the services of authorized suppliers/Agencies of IT Infrastructure and Services, who are interested to bid for supply, installation and configuration of the required hardware and related software for setting up of e-Office solution at MMRC. The vendor who is desirous to take up the role of solution provider is requested to give technical and commercial proposals in accordance with the terms and conditions mentioned in this document.

2.3 Cost of RFP

The qualified bidders are requested to deposit the Tender fee through online payment gateway through e-tendering portal. Bidders are advised to make online payment at least 3 days prior to submission timeline to avoid any banking transfer delays. The receipt of the same shall be uploaded during the online submission of bid document. Tender fee is non-refundable.

2.4 Transfer of RFP

The RFP Document is not transferable to any other bidder.

2.5 Consortium and Joint Ventures

The consortium, joint venture, subcontracting & outsourcing are not allowed.

2.6 Completeness of Response

- i. Bidders are advised to study all instructions, forms, terms, requirements and other information in the RFP documents carefully. Submission of bid shall be deemed to have been done after careful study and examination of the RFP document with full understanding of its implications.
- ii. The response to this RFP should be full and complete in all respects. Failure to furnish all information required by the RFP document or submission of a proposal not substantially responsive to the RFP document in every respect will be at the Bidder's risk and may result in rejection of its Proposal and forfeiture of the Bid EMD.

2.7 Proposal Preparation Costs

- i. The bidder shall submit the bid at its cost and, MMRC shall not be held responsible for any cost incurred by the bidder. Submission of a bid does not entitle the bidder to claim any cost and rights over MMRC and MMRC shall be at liberty to cancel any or all bids without giving any notice.
- ii. All materials submitted by the bidder shall be the absolute property of MMRC and no copyright /patent etc. shall be entertained by MMRC.

2.8 Bidder Inquiries

Bidder shall send in their queries by email to itpmo.mmrc@gmail.com. The response to the queries will be published on MMRDA website etendermmrda.maharashtra.gov.in. No telephonic queries will be entertained. This response of MMRC shall become integral part of RFP document.

2.9 Amendment of RFP Document

- i. If MMRC deems it appropriate to revise any part of this RFP or to issue additional data to clarify an interpretation of provisions of this RFP, it may issue supplements to this RFP. Any such corrigendum shall be deemed to be incorporated by this reference into this RFP.
- ii. All the amendments made in the document would be published at MMRDA website and shall be part of RFP.
- iii. The bidders are advised to visit the aforementioned website on regular basis for checking latest updates of this RFP document. The MMRC also reserves the rights to amend the dates mentioned in this RFP for successful bid process.

2.10 Supplemental Information to the RFP

If MMRC deems it appropriate to revise any part of this RFP or to issue additional data to clarify an interpretation of provisions of this RFP, it may issue supplements to this RFP. Any such corrigendum shall be deemed to be incorporated by this reference into this RFP.

2.11 MMRC's right to terminate the process

MMRC may terminate the RFP process at any time and without assigning any reason. MMRC reserves the right to amend/edit/add delete any clause of this Bid Document. However this will be informed to all and will become part of the bid /RFP.

2.12 Earnest Money Deposit (EMD)

The qualified bidders are requested to deposit the EMD through RTGS / NEFT mode using the System Generated Challan. Bidders should ensure that the payment of the EMD is made at-least 3 working days prior to submission timeline to avoid any banking transfer delays receipt of the same shall be uploaded during the online submission of bid document.

- i. The EMD shall be denominated in Indian Rupees only. No interest will be payable to the bidder on the amount of the EMD.

- ii. Bids submitted without adequate EMD will be liable for rejection.
- iii. Unsuccessful bidder's EMD shall be returned within 120 days from the date of opening of the financial bid.
- iv. EMD of Successful bidder will be returned after the award of contract and submission of the performance bank guarantee within specified time and in accordance with the format given in the RFP.
- v. EMD shall be non-transferable.
- vi. The EMD may be forfeited:
 - a) If a Bidder withdraws his bid or revises/ increases his quoted prices during the period of bid validity or its extended period, if any.
 - b) If successful bidder fails to sign the Contract or to furnish Performance Bank Guarantee within specified time in accordance with the format given in the RFP.
 - c) If during the bid process, a bidder indulges in deliberate act that would jeopardise or unnecessarily delay the process of bid evaluation and finalisation. The decision of the MMRCL regarding forfeiture of the Bid Security shall be final and binding upon bidders.

Note: Kindly note that transfer of funds to MMRDA's account through NEFT / RTGS mode, from the Bidders' ICICI accounts is currently not possible. In case of funds transfer through NEFT / RTGS, Bidders are requested to transfer from any other bank (excluding ICICI Bank).

2.13 Authentication of Bid

- I. The original copy (hard copy) of the Bid Document shall be signed, stamped and submitted along with the bid. Authorized person of the bidder who signs the bid shall have the authority letter from the bidder, which shall be submitted with the Bid. All pages of the bid and its annexures, etc. shall be initialed and stamped by the person or persons signing the bid.
- II. In the case of the Board resolution authorizing a person as the person responsible for the bid, the Board resolution shall be submitted. The person accountable for the bid shall remain the full time employee of the bidder till the end of contract period.

2.14 Language of Bids

- I. This bid should be submitted in English language only. If any supporting documents submitted are in any language other than English/Hindi/Marathi, translation of the same in English language is to be duly attested by the bidder and submitted with the bid, and English translation shall be validated at MMRC's discretion.

2.15 Patent Claim

- I. In the event of any claim asserted by a third party of infringement of copyright, patent, trademark or industrial design rights arising from the use of the Goods or any part thereof, the bidder shall expeditiously extinguish such claim. If the bidder fails to comply and MMRC is required to pay compensation to a third party resulting from such infringement,

the Bidder shall be responsible for such compensation, including all expenses, court costs and lawyer fees. MMRC shall give notice to the successful bidder of any such claim and recover it from the bidder if required.

2.16 Bid Submission Format

The entire proposal shall be submitted strictly as per the format specified in this Request for Proposal. Bids with deviation from this format are liable for rejection.

2.17 Submission of Bids

The bids submitted by the Bidder shall comprise of the following two envelopes. A Two envelope/ cover system shall be followed for the bid –

- A. Tender Fees, EMD and Minimum Qualification Criteria
- B. Financial bid.

The Bid shall include the following documents: -

S. No.	Documents Type	Document Format
Tender Fee & EMD Details- Envelope –A		
1.	Tender Fee	Scanned copy of Deposit Receipt
2.	EMD	Scanned copy of Deposit Receipt
3.	Pre-qualification	Refer Section 6.1 As per the format mentioned against the respective eligibility criteria clause
Financial Bid – Envelope –B		
4.	Financial Bid	Refer Section 6.3

The bidder should ensure that all the required documents, as mentioned in this RFP/ bidding document, are submitted along with the bid and in the prescribed format only. Non submission of the required documents or submission of the documents in a different format/ contents may lead to the rejections of the bid proposal submitted by the bidder.

2.18 Late Bids and Bid Validity Period

Any Bid received by MMRC after the deadline for submission of Bids shall be declared late and will be rejected, and returned unopened to the Bidder at the discretion of MMRC. The validity of the bids submitted before deadline shall be till 180 days from the date of opening of the Financial Bid.

2.19 Bid Opening

- I. The Envelope A will be opened at first instance. It is clarified that prospective bidders satisfying the minimum eligibility criteria and with their EMDs and tender document fees found in order will be deemed to qualify for the second stage of the bid.
- II. At the second stage, the financial bids-Envelope B of only qualifying bidding parties will be opened and the L1 bid from among the qualifying bidder will be accepted.

2.20 Evaluation Process

2.20.1 Bid Evaluation Committee

- i. The Bid Evaluation Committee constituted by MMRC shall evaluate the bids.
- ii. The Bid Evaluation Committee shall evaluate the EMD + Minimum Eligibility Criteria +Tender document fees (Envelope A), Financial bids (Envelope B) and submit its recommendation to Competent Authority whose decision shall be final and binding upon the bidders.

2.20.2 Minimum-Qualification Criteria

The bidder shall fulfill all of the following eligibility criteria independently on date of submission of bid:

Sr.No	Eligibility	Documents to be provided
1	The Bidder should be a company registered under the Companies Act, 1956 since the last three years.	Company Incorporation Certificate
2	The Bidder should have minimum annual turnover of ₹3Cr during the last three financial years (2012-13, 2013-14, 2014-15)	Auditor's certificate
3	The Bidder should have positive net worth as on 31 st March 2015	Auditor's certificate
4	The Bidder should be authorized business and support partner for OEM equipment.	Authorization Letter from OEM
5	The Bidder should have successfully completed: <ul style="list-style-type: none">•One project of similar nature* not less than 24 Lakhs OR•Two projects of similar nature* each not less than 18 Lakhs OR•Three projects of similar nature* each not less than 12 Lakhs during the last Three (3) years.	Client certificates/Work orders
6	The bidder shouldn't be blacklisted by any Govt./PSU agency.	Letter from authorized signatory with company seal of the bidder that the Bidder is not blacklisted

*Similar nature defined as: Supply, Installation, Commissioning and maintenance of Servers.

Along with the above details, the bidders must include the following documents:

- Copy of PAN Card of the Bidder (not individual)
- Copy of Service tax registration certificate

2.20.3 Process of Evaluation

- i. Bidders who qualify in Envelope 'A' shall be considered for financial evaluation.
- ii. Bidder shall be evaluated as per minimum qualifying criteria mentioned above at 2.20.2. The bidders who fulfil all the minimum qualifying criteria will qualify for Financial Evaluation.
- iii. Amongst the bidders who are considered for financial evaluation, the bidder quoting the lowest offer will preferably be awarded the work at the discretion of MMRC.
- iv. The Bid Evaluation Committee reserves the right to accept or reject any or all bids without giving any reasons thereof.

2.20.4 Financial Bid Evaluation

MMRC will evaluate Financial Proposals of all the qualified bidders. If there is a discrepancy between words and figures, the amount in words shall prevail. For any other calculation/ summation error etc. the bid may be rejected.

2.21 Award Criteria

MMRC shall award the contract to the qualified bidder who has quoted the least (L1). The Bid Evaluation Committee, however, reserves the right to accept or reject any or all bids without giving any reasons thereof.

2.22 Signing of Contract

The successful bidder shall enter into contract agreement with MMRC within the time frame mentioned in the award letter. The Agreement format attached in (Section 6.1 Page no.32)

Section: 3

Scope of Work and Deliverables

3 Scope of Work

MMRC reserves the right to amend/ add/ delete/ edit any of the following items of the scope of work at the cost of the bidder which shall be binding on the bidder.

3.1 Project Objective

- I. The objective and scope of the work is Supply, Installation and Commissioning of the servers and to provide maintenance support for the servers for eOffice application for a period of 6 months from the date of acceptance of the systems at MMRC by deploying dedicated one onsite Support resource (System Administrator). The maintenance support is extendable upto One Year based on quarterly performance review. Bidders are required to quote for the support resource for 6 months period only. In case, extension is not awarded, the System admin is required to support in handover and handholding to another resource/team as instructed by MMRC.
- II. It is the responsibility of the Bidder to make sure that after the supply and installation of servers, the eOffice application is properly configured, Mounted on SAN and commissioned in discussion with the NIC Team so that the application runs properly.
- III. MMRC currently has LAN in place with switches at each of the 3 floors. The Bidder can visit the proposed Server Room at MMRC to check the existing infrastructure. The bidder has to make provision for any additional hardware (if required) to ensure that the proposed solution is up and running.
- IV. The Server shall be partitioned as follows :
 - a. Database Server
 - b. Application Server
 - c. Document Server
 - d. Backup Server
 - e. Testing Server

The exact configurations details shall be done in Consultation with NIC.
- V. The Server should support Microsoft Windows, RHEL & SUSE and also support VMware virtualization.
- VI. Vendor should provide details of:
 - a. License and warranties
 - b. Installation
 - c. High level work plan
 - d. Support and Maintenance

3.2 Project Timelines

The supply and installation should be completed within three to four weeks from the issue of work order. Dedicated onsite resource should be deployed from the day of Supply of Hardware/related Software.

3.3 Payment Terms

- I. 70% of the Payment will be made after supply of Hardware/related Software
- II. 30 % after successful installation and Commissioning
- III. Quarterly basis for Manpower deployed.

Section: 4

General Conditions of Contract

4 General Conditions of Contract

4.1 Governing Law

The Contract shall be governed by and interpreted in accordance with the laws of the India.

4.2 Settlement of Disputes

- a) Performance of the contract is governed by the terms and conditions of the contract, in case disputes arise between the parties regarding any matter under the contract, either Party of the contract may send a written Notice of Dispute to the other party. The Party receiving the Notice of Dispute will consider the Notice and respond to it in writing within 30 days after receipt. If that party fails to respond within 30 days, or the dispute cannot be amicably settled within 60 days following the response of that party, clause GCC 4.2 (b) shall become applicable.
- b) Arbitration:
- (i) In the case of dispute arising, upon or in relation to, or in connection with the contract between MMRC and the Successful bidder, which has not been settled amicably, any party can refer the dispute for Arbitration under (Indian) Arbitration and Conciliation Act, 1996. Such disputes shall be referred to an Arbitral Tribunal consisting of three arbitrators, one each to be appointed by the MMRC and the successful bidder, the third arbitrator shall be chosen by the two arbitrators so appointed by the parties and shall act as Presiding Arbitrator. In case of failure of the two arbitrators, appointed by the parties to reach a consensus regarding the appointment of the third arbitrator within a period of 30 days from the date of appointment of the two arbitrators, the Presiding arbitrator shall be appointed by the MD, MMRC. The Arbitration and Conciliation Act, 1996 and any statutory modification or re-enactment thereof, shall apply to these arbitration proceedings.
 - (ii) Arbitration proceedings shall be held in Mumbai, India and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English.
 - (iii) The decision of the majority of arbitrators shall be final and binding upon both parties. The expenses of the arbitrators as determined by the arbitrators shall be shared equally by MMRC and the successful bidder. However, the expenses incurred by each party in connection to the preparation, presentation shall be borne by the party itself. All arbitration awards shall be in writing and shall state the reasons for the award.

4.3 Taxes and Duties

- a. The successful bidder shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed. The bidder shall be entirely responsible for all taxes, stamp duties, license fees etc excluding service tax which shall be paid by MMRC as actual separately.

4.4 Performance Bank Guarantee

- a. The successful bidder shall at his own expense, deposit with department, within fourteen (14) working days of the date of notice of award of the contract or prior to signing of the

contract, whichever is earlier, an unconditional and irrevocable Performance Bank Guarantee (PBG) from a Nationalised/Scheduled Bank acceptable to MMRC, payable on demand (In Mumbai), for the due performance and fulfilment of the contract by the successful bidder. Please Refer (Section 6.1, Page no.34)

- b. This Performance Bank Guarantee will be for an amount equivalent to 10 percent of complete contract value. All charges whatsoever such as premium, commission, etc., with respect to the Performance Bank Guarantee shall be borne by the successful bidder.
- c. The Performance Bank Guarantee shall be valid till the end of 3 (three) months after the successful completion of the project as mentioned in the scope of work and should be in the format prescribed in the tender.
- d. The Performance Bank Guarantee may be discharged/returned by MMRC upon being satisfied that there has been due performance of the obligations of the successful bidder under the contract. However, no interest shall be payable on the Performance Bank Guarantee.
- e. MMRC shall also be entitled to make recoveries from the Bidder's bills, performance bank guarantee, or from any other amount due to him, the equivalent value of any payment made to him due to inadvertence, error, collusion, misconstruction or misstatement.

4.5 Confidential Information

- a. MMRC and the successful bidder shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract.
- b. MMRC shall not use such documents, data, and other information received from the successful bidder for any purposes unrelated to the Contract. Similarly, the successful bidder shall not use such documents, data, and other information received from MMRC for any purpose other than the work and services required for the performance of the Contract.

4.6 Software Rights

- a. Bidder hereby grants MMRDA license to access and use the Software, including all inventions, designs, and marks embodied in the Software.
- b. Such license to access and use the Software shall be:
 - i. Nonexclusive.
 - ii. Perpetual, fully paid up and irrevocable.
 - iii. Valid throughout India.

4.7 Hardware Warranty

- a. All the supplied goods under this RFP scope shall be new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.
- b. The supplied goods under this RFP shall be free from defects arising from any act or omission of the successful bidder or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.
- c. The warranty from OEM shall remain valid for five years for active components and 20 years for passive component after the goods, or any portion thereof as the case may be, have been delivered, installed, tested and accepted by MMRC.

4.8 Change in Laws and Regulations

- a. Unless otherwise specified in the Contract, if after the date of the Invitation for Bids, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the successful Bidder has thereby been affected in the performance of any of its obligations under the Contract.

4.9 Force Majeure

- a. The successful bidder shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure. Force Majeure shall not cover the price fluctuation of components. Force Majeure does not include the events happening outside India.
- b. For purposes of this Clause, Force Majeure means an event or situation beyond the control of the successful bidder that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the successful bidder. Such events may include, but not be limited to, acts of MMRC in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- c. If a Force Majeure situation arises, the successful Bidder shall promptly notify MMRC in writing of such condition and the cause thereof. Unless otherwise directed by MMRC in writing, the successful Bidder shall continue to perform its obligations under the Contract as far as it is reasonably practical and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

4.10 Change Orders and Contract Amendments

- a. MMRC may at any time order the successful bidder to make changes within the general scope of the Contract, in any one or more of the following:
 - The place of delivery.

- The Related Services to be provided by the successful bidder.
- b. If any such change causes an increase or decrease in the cost of, or the time required for, the successful bidder's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery and Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the successful bidder for adjustment under this Clause must be asserted within 28 days from the date of the successful bidder's receipt of MMRC's change order.
 - c. Prices to be charged by the successful bidder for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties, and shall not exceed the prevailing rates charged to other parties by the successful Bidder for similar services.

4.11 Extension of Time

- a. If at any time during performance of the Contract, the successful bidder encounter conditions impeding timely delivery of the Goods or completion of Related Services, the successful bidder shall promptly notify MMRC in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the successful bidder's notice, MMRC shall evaluate the situation and may at its discretion extend the successful bidder's time for performance in writing.
- b. Delay by the successful Bidder in the performance of its Delivery and Completion obligations shall render the Bidder liable for disqualification for any further bids in MMRC, unless an extension of time is agreed mutually.

4.12 Termination

4.12.1 Termination by MMRC

- a. MMRC may, without prejudice to any other remedy for breach of Contract, terminate this Contract in case of the occurrence of any of the events specified in paragraphs (a) through (k) of this GCC Clause 4.10.1. In such an occurrence, MMRC shall give a not less than 30 days' written notice of termination to the successful bidder, and sixty (60) days' in the case of the event referred to in (j).
- b. If the successful bidder does not remedy a failure in the performance of their obligations under the Contract, within thirty (30) days after being notified or within any further period as MMRC may have subsequently approved in writing.
- c. If the successful bidder becomes insolvent or goes into liquidation, or receivership whether compulsory or voluntary.
- d. If the successful bidder, in the judgment of MMRC has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.
- e. If the successful bidder submits to the MMRC a false statement which has a material effect on the rights, obligations or interests of MMRC.
- f. If the successful bidder places itself in a position of conflict of interest or fails to disclose promptly any conflict of interest to MMRC.

- g. If the successful bidder fails to provide the quality services as envisaged under this Contract, MMRC may make judgment regarding the poor quality of services, the reasons for which shall be recorded in writing. MMRC may decide to give one chance to the successful Bidder to improve the quality of the services.
- h. If the successful bidder fails to comply with any final decision reached as a result of arbitration proceedings.
- i. If, as the result of Force Majeure, the successful bidder is unable to perform a material portion of the Services for a period of not less than 60 days
- j. If MMRC, in its sole discretion and for any reason whatsoever, decides to terminate this Contract.
- k. In the event MMRC terminates the Contract in whole or in part, pursuant to point (a) to (h) of GCC Clause 4.10.1, MMRC may procure, upon such terms and in such manner as it deems appropriate, services similar to those undelivered or not performed, and the successful bidder shall be liable to MMRC for any additional costs for such similar services. However, the successful bidder shall continue performance of the Contract to the extent not terminated.

4.12.2 Termination by Bidder

The successful bidder may terminate this Contract, by not less than 30 days' written notice to MMRC, such notice to be given after the occurrence of any of the events specified in paragraphs (a) through (d) of this GCC Clause 4.10.2:

- a. If MMRC fails to pay any money due to the Successful bidder pursuant to this Contract and not subject to dispute pursuant to GCC Clause 4.2 hereof, within 45 days after receiving written notice from the successful bidder that such payment is overdue.
- b. If, as the result of Force Majeure, the successful bidder is unable to perform a material portion of the Services for a period of not less than 60 days.
- c. If MMRC fails to comply with any final decision reached as a result of arbitration pursuant to GCC Clause 4.2 hereof.
- d. If MMRC is in material breach of its obligations pursuant to this Contract and has not remedied the same within 45 days (or such longer period as the successful bidder may have subsequently approved in writing) following the receipt by MMRC of the Successful bidder's notice specifying such breach.

4.13 Payment upon Termination

Upon termination of this Contract pursuant to GCC Clauses 4.10.1 or 4.10.2, the MMRC shall make the following payments to the Successful bidder:

- a. If the Contract is terminated pursuant to GCC Clause 4.10.1 (j) or 4.10.2, remuneration for Services satisfactorily performed prior to the effective date of termination.
- b. If the agreement is terminated pursuant of GCC Clause 4.10.1 (a), (b), (c), (d), (e), (f), (g) (h) and (k), The successful bidder shall not be entitled to receive any agreed payments upon termination of the contract. However, the MMRC may consider making a payment for the part satisfactorily performed on the basis of Quantum Merit as assessed by it, if such part is of economic utility to the MMRC. Applicable under such circumstances, upon termination, the MMRC may also impose liquidated damages. The successful bidder will

be required to pay any such liquidated damages to MMRC within 30 days of termination date.

4.14 Assignment

Neither the MMRC nor the successful Bidder shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

Section: 5

Guidelines for filling Response to RFP

5 Guidelines for filling Response to RFP

5.1 Guidelines for Preparation of Technical Proposal [Envelope A]

1. A printed covering letter, on the bidding organisation's letterhead with all required information and authorised representative's initials shall be submitted along with the proposal. In case the bidder edits the content of the proposal covering letter; it will be treated as a non-responsive bid and shall be rejected.
2. The bidder shall fill in the technical response as per the template provided (Section 5.2 Page no.25) failing to which, the bid shall be treated as non-responsive and shall be rejected.

[This space is intentionally left blank]

5.2 Template for Technical Proposal

Section- A Proposal Response Letter

(To be submitted on the letterhead of the bidder)

{Location, Date}

To

Mr. R. K Sharma, IRSEE
Executive Director – Electrical & Chief IT Cell
Mumbai Metro Rail Corporation, Namttri building,
“E” Block, Bandra - Kurla Complex
Bandra (East)
Mumbai—400051

Ref: RFP Notification number

Subject: Submission of proposal in response to the RFP for “Supply, Installation and Commissioning of Hardware/ related software for providing eOffice facility at MMRC and maintenance support for 6 months”

Dear Sir,

Having examined the RFP document, we, the undersigned, herewith submit our proposal in response to your RFP Notification number..... for “Supply, Installation and Commissioning of Hardware/ related software for providing eOffice facility at MMRC and maintenance support for 6 months”

We have read the provisions of the RFP document and confirm that we accept these. We further declare that additional conditions, variations, deviations, if any, found in our proposal shall not be given effect to.

1. We agree to abide by this proposal, consisting of this letter, the detailed response to the RFP and all attachments, for a period of 180 days from the date of opening of financial proposals.
2. We would like to declare that we are not involved in any litigation that may have an impact of affecting or compromising the delivery of services as required under this assignment, and we are not under a declaration of ineligibility for corrupt or fraudulent practices.
3. We would like to declare that there is no conflict of interest in the services that we will be providing under the terms and conditions of this RFP.
4. We hereby declare that all the information and statements made in this proposal are true and accept that any misrepresentation contained in it may lead to our disqualification.
5. We understand you are not bound to shortlist/accept any or all the proposals you receive.
6. We hereby declare that we qualify and fulfil all the Prequalification criteria mentioned in this RFP
7. Our correspondence details with regards to this proposal are:

Sr. No	Information	Details
1	Name of responding firm:	
2	Address of responding firm:	
3	Name, Designation and Address of the contact person to whom all references shall be made regarding this RFP:	
4	Telephone number of contact person:	
5	Mobile number of contact person:	
6	Fax number of contact person:	
7	E-mail address of contact person:	
8	Status of Firm/ Company (Public Ltd., Pvt. Ltd., etc.)	
9	Details of Registration (Ref e.g., ROC Ref number) [Please include copy of certification of Registration]	

Details of demand draft:

Date and number:

Name of Nationalised/ Scheduled bank:

Amount: Rs. 30000/- (Rs. Thirty Thousands only)

We hereby declare that our proposal submitted in response to this RFP is made in good faith, and the information contained is true and correct to the best of our knowledge and belief.

Sincerely,

[FIRM'S NAME]

Name

Title

Signature

Date and Stamp of the Signatory

Section B

1. Citations of the bidder *(Please refer the clause 2.20.2 related to minimum qualification criteria. Bidders need to provide citation of Two citations of similar project undertaken as specified in the criteria)*

S. No	Name of the Project	Date of Work Order	Scope of Work	Complete Project Duration	Annexure Number in Proposal*
1					
2					
3					

*Please include the respective work orders in the Annexure to the proposal.

[This space is intentionally left blank]

5.3 Guidelines for Preparation Financial Proposal [Envelop B]

Financial Proposal should comprise of the following:

In preparing the Financial Proposal, Agencies are expected to take into account the requirements and conditions outlined in the RFP document.

Letter of Financial Proposal should include:

- Total cost of the project
- Break-up of costs for each of the items of work listed in the Scope of work and Deliverable (Section B, Page 30) are to be submitted.
- Cost for any other element, which is not specified in the scope of work and deliverables and is considered relevant by the RFP participant must be specified highlighted separately.
- Taxes/VAT as applicable in India will be paid as per actuals and the same are not required to be indicated in the financial bid.
- The cost quoted will be firm and fixed for the duration of performance of the contract. At no point of time will any deviation from the quoted rate be entertained by MMRC.

The Financial Bid shall not include any conditions attached to it and any such conditional financial proposal shall be rejected summarily.

The bidder shall fill in the financial response as per the template provided in Section B Page no 30. provided failing to which, the bid shall be treated as non-responsive and shall be rejected.

[This space is intentionally left blank]

5.4 Template for Financial proposal

Section A

Letter Format for Financial Proposal

(To be submitted on the Letterhead of the bidder)

[Location, Date]

To

Mr. R. K Sharma, IRSEE
Executive Director – Electrical & Chief IT Cell
Mumbai Metro Rail Corporation, Namttri building,
“E” Block, Bandra - Kurla Complex
Bandra (East)
Mumbai—400051

Ref: RFP Notification number

Subject: Submission of proposal in response to the RFP for “Supply, Installation and Commissioning of Hardware/ related software for providing eOffice facility at MMRC and maintenance support for 6 months”

Dear Sir,

We, the undersigned, offer to provide the services for [*Insert title of assignment*] in accordance with your Request for Proposal dated [*Insert Date*] and our Technical Proposal. Our attached Financial Proposal for is for the sum of [*Insert amount(s) in words and figures*]. We are aware that any conditional financial offer will be outright rejected by MMRC. This amount is inclusive of taxes except service tax as listed at (Consolidated Cost Summary) attached.

Our Financial Proposal shall be binding upon us subject to the modifications resulting from Contract negotiations, up to expiration of the validity period of the Proposal (180 days) from the date of opening of financial bid.

We are aware that MMRC reserves the right to accept or reject any or all bids without assigning any reasons thereof.

We remain,

Yours sincerely,

Authorized Signature [*In full and initials*]:

Name and Title of Signatory:

Date and Stamp of the signatory

Name of Firm:

Initial of Bidder30

IT Cell MMRC

Section B

Format for Financial Proposal

The bidder shall bid for all the items listed in **Table- 1** below; failing to which, the bid shall be treated as non-responsive and shall be rejected.

Table – 1 Cost Summary (Inclusive of Taxes)

Sr. No.	Item	Qty	Unit Cost	Taxes applicable	Total Cost (Including applicable taxes)
1.	One 16 Core, 224 GB RAM Server, with 5 VM partitions	1			
2.	Linux Redhat Server (2 Sockets) Latest with 3 years subscription	2			
3.	PostGre SQL Enterprise DB latest with 3 Year Support Latest	1			
4.	SAN storage with 10 TB	1			
5.	System Administrator (Monthly Rate)	1			

Section: 6

ANNEXURE

6 Annexure

6.1.1 Technical Specification

a. Server

OEM should be from top three vendors in terms of revenue as per IDC latest quarterly report on worldwide market share of servers.

Sl. No	Features	Specifications Required
1	CPU	Dual CPU E5-2630 V3 or higher
2	Form Factor	2 U
3	Cache L3	20 MB of L3 Cache
4	Memory	16x16GB DDR-4 LR DIMMS Memory
5	Memory protection support	ECC, Memory Mirroring, Memory Sparing,
6	SCSI Controllers	Integrated PCIe 3.0 based 12G SAS Raid Controller with RAID 0, 1, 1E,
7	Disk Drives	Up to two 2.5" SAS or SATA Or SSD hard drives/ System offered be populated with 2 X 300GB SAS disks 2.5.
8	Graphics Controller	16MB SDRAM
9	Ethernet Adapter	Server should be configured with 4 Number of 1G Ethernet ports,
10	FC Adapter	Server should be configured with 2 ports of FC adapter.
11	I/O Expansions	Minimum 3 x PCI Express
12	Warranty	3 Years Onsite Comprehensive Warranty
13	Failure Alerting Mechanism	The server should be able to alert impending failures on maximum number of components. The components covered under alerting mechanism should at least include Processor, memory and HDDs
14	Server Management Software	Server should be supplied with OEM Server Management software

15	Server Management	Server should have LCD/LED indicators to identify System Health & failed components. System management should be through dedicated ports and should not use the adapters provided for the application
16	Remote Management	<ul style="list-style-type: none"> • Vendor should provide embedded features that help to manage Servers in physical, local and remote environments, operating in-band or out-of-band, with or without a systems management software agent. • Should include Power Management, necessary licenses should be included. • Power Management should give historical data for atleast 24 hours. • Should also support IPv6 • Should support remote scripted reconfiguration tools.
17	OS Support	Microsoft Windows Server 2012 and 2012 R2, Red Hat Enterprise Linux 6 and 7, SUSE Linux Enterprise Server 11, VMware vSphere 5.1 and 5.5.

b. SAN Storage

S.No	Feature	Description
1	Storage Controller	The Storage System shall have a dual controller configuration running in an active-active mode with automatic failover capabilities in case of one controller failure.
2	Controller Cache Requirements	The system should have 16 GB cache across the two controllers (8 GB per controller), Cache should be mirrored and battery backed. Cache battery backup should be atleast 48 hours. Else the controller should support cache destaging to disk. The system should be configured with 8 GB Cache per controller.
3	Raid Level Support	The Storage System should support Raid Levels 0,1,5,6,10
4	Host Interface Support	The Storage System should support 8Gbps FC/10Gbps iSCSI/FCoE, 1Gbps iSCSI, SAS Ports. The Storage should be configured with 4 Ports FC Interface with 4 SFP's per Controller. Dual Controller should be provided. All the ports should have cables. (LC - LC). SAS will be used for host connectivity. Configure FC ports for host connectivity.
5	Drive Technology Support	The Storage System should have support for SSD, SAS 2.5" Drives, 3.5" NL SAS/SATA Drives. The storage system should have support for 6Gbps SAS 2.0 drives.
6	Storage Capacity	The storage system should be scalable to greater than 220 disks. Each controller to have atleast one no of 6Gbps drive ports for attaching disk expansion enclosures. Should be configurable with 300TB of storage capacity within one complete subsystem. For current requirement, configure 42 numbers of 300GB are required on 15K RPM SAS Disks
7	Storage Functionality	The Storage System shall support internal virtualization capabilities for improved storage utilization. The Storage System should have the capability to support Non-Disruptive Data migration across Volumes

		<p>The storage shall have the ability to create logical volumes without physical capacity being available (Thin Provisioned) or in other words system should allow over-provisioning of the capacity. The feature should be made available for the maximum supported capacity</p> <p>The Storage System shall have the Capability to support creation of instantaneous or Point In Time Snapshot copies of volumes. The snapshot feature should support incremental, thin provisioned and also have the capability for the snapshot targets to become restore points for a source volume without breaking the snapshot relationship.</p> <p>The snapshot Feature needs to support atleast 64 snapshot copies per volume</p> <p>The Storage System Should provide support for host multipathing drivers</p> <p>Any licenses for the above functionalities should be included in the BOM</p>
8	Tiering	Storage Subsystem should support automated tiering of data without any manual intervention. The tiering must be 3-way with data being moved between SSD, SAS and NL-SAS appropriately. Provide the necessary licenses for the entire capacity.
9	Performance	The cache IOPs of the offered storage system should be greater than 245000 IOPs
10	Management	<p>Easy to use GUI based and web enabled administration interface for configuration, storage management.</p> <p>Should offer real time performance monitoring tools giving information on CPU utilization, volume throughput, I/O rate and latency</p>
11	AC Power	100 – 240 V AC, 50 – 60 Hz
12	OS Support	Support for industry-leading Operating System platforms including: Apple Mac OS, HP-UX, IBM-AIX, Microsoft Windows, LINUX, SUN Solaris, Vmware
13	Built in Redundancy	The system shall support Fully Redundant & Hot Swappable Fans & Power Supplies. There shall be support for Non Disruptive Microcode Update & Non Disruptive Parts Replacement
14	Rack Mountable	The proposed system must be mountable on a standard rack
15	Replication	Storage Subsystem should have replication feature and also should be able to replicate within the same family. It should be able to replicate the changed volume. Should support IP replication.

6.2 Resource Requirement

SNo.	Role	Qty	Qualification	Experience	Certification	Experience
1.	System Administrator	One	Graduate in any discipline	Microsoft, Mac, Linux Operating system installation, configuration and troubleshooting Experience including activities like data backup/restore,	Diploma in computer hardware and networking with course duration of minimum One year from a Govt.	3 Years

				antivirus update, patch management etc	recognized institution	
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6.3 Draft Agreement, Performance Bank Guarantee Format

❖ Draft of Agreement Format

- ❖ **THIS AGREEMENT** made the day of 2015 BETWEEN Mumbai Metro Rail Corporation Limited having its office at 3rd Floor, Namttri Building, Behind MMRDA, Near Jetwan, Bandra Kurla Complex, Plot No, R -13, E Block, Bandra (East), Mumbai 400051 (hereinafter referred to as “MMRC”) which expression shall unless repugnant to the context or meaning thereof mean and be deemed to include its authorized agents, representatives and permitted assigns of the First Part.
- ❖ **AND**
- ❖ M/s<Name of the Bidder>having its office at <office address of the bidder>which expression shall unless repugnant to the context or meaning thereof mean and be deemed to include their successors and permitted assigns of the Second Part.
- ❖ **WHEREAS** the contractor has tendered for providing services to MMRC as per the terms and conditions mentioned in the Request for Proposal (from herein after referred to as “RFP”) “Supply, Installation and Commissioning of Hardware/ related software for providing eOffice facility at MMRC and maintenance support for 6 months” dated <date of release of RFP>and the all subsequent corrigendum’s published document, as per the Commercial Bid submitted in response to the RFP dated <date of release of RFP>. Whereas such tender has been accepted and the contractor has provided Bank Guarantee to MMRC, Mumbai for the sum of Rs. <amount of the bid>.
- ❖ **NOW IT IS HEREBY AGREED** between the parties hereto as follows:
 - ❖ The contractor has accepted the contract on the terms and conditions set out in the RFP No: <Ref no of RFP>issued on <date of issue of RFP> and all subsequent communications through letters / emails and clarifications/corrigendum issued which shall hold good during period of this agreement.
 - ❖ Refund of deposit shall be based on the timelines, terms and conditions as has been specified in the RFP/LoI and shall form a part of the contract. In absence of any timeline specified the deposit shall after the expiration of 180 days from the date of completion of the contract, be returned to the contractor but without interest and after deducting there from any sum due by the contractor to MMRC under the terms and conditions of this agreement.

- ❖ This agreement shall remain in force until the expiry of *<duration of the contract>* from the date of entering into the contract, but MMRC may cancel the contract at any time upon giving 15 days' notice in writing without compensating the contractor.
- ❖ All terms and conditions as specified in the RFP, clarifications / corrigendum issued in regards to the RFP *<ref no RFP>* as has been mentioned above in the document shall stand enforce unless has been expressly agreed to in writing by both the parties.
- ❖ The Contractor shall be responsible to abide and shall be liable to deliver the requirements/deliverables as has been specified to in the RFP, clarifications / corrigendum issued in regards to the RFP. No. *<ref no RFP>* and Letter of Acceptance No: *<Lol number>* dated *<date>*
- ❖ IN WITNESS whereof the said Contractor hath set his hand hereto and MMRC has affixed his hand and seal thereto the day and year first above written.

Signed, sealed and delivered
By

Signed, sealed and delivered
By

Executive Director (Electrical)
For and on behalf of
Mumbai Metro Rail Corporation Limited

For and on behalf of
M/s *<Name of Bidder>*

Witnesses:

Witnesses:

(1)

(1)

(2)

(2)

❖

❖ **Format for Performance Bank Guarantee**

Whereas ----- (hereinafter called 'the Respondent') has submitted its proposal dated ----- in response to the RFP: "Supply, Installation and Commissioning of Hardware/ related software for providing eOffice facility at MMRC and maintenance support for 6 months")

KNOW ALL by these presents that WE ----- of -----
----- Having our registered office at -----
----- (hereinafter called "the Bank") are bound unto the MMRC (hereinafter called "theMMRC") in the sum of ----- for which payment well and truly to be made to the said MMRC, the Bank binds itself, its successors and assigns by these present. Sealed with the Common Seal of the said Bank this -----day of ----- 2015.

The Conditions of this obligation are:

- In the event of the successful bidder being unable to service the contract for whatever reason, MMRC would evoke the PBG. Notwithstanding and without prejudice to any rights whatsoever of department under the Contract in the matter, the proceeds of the PBG shall be payable to the MMRC as compensation for any loss resulting from the Respondent's failure to complete its obligations under the Contract. MMRC shall notify the Respondent in writing of the exercise of its right to receive such compensation within 14 days, indicating the contractual obligation(s) for which the Respondent is in default.
- MMRC shall also be entitled to make recoveries from the Respondent's bills, performance bank guarantee, or from any other amount due to him, the equivalent value of any payment made to him due to inadvertence, error, collusion, misconstruction or misstatement.

We undertake to pay to the MMRC up to the above amount upon receipt of its first written demand, without the MMRC having to substantiate its demand, provided that in its demand the MMRC will specify that the amount claimed by it is due to it owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including _____, and any demand in respect thereof should reach the Bank not later than the above date.

6.4 Format of sending Pre-bid queries

Ref: RFP Notification <<>>

Name of the Bidder:

Contact Address of the Bidder:

Sr. No.	Section Number	Page Number	Query

Signature:

Name of the Authorized signatory:

Date

----X---