

Price Rs. 1,180.00/-



JAIPUR METRO

JAIPUR METRO RAIL CORPORATION LTD.

Open Competitive E-Bid Single Stage Two Envelope
(Technical Bid & Financial Bid) BID DOCUMENT

NIB No.:99/JMRC/O&S/Civil/Works/2023-24

*“Maintenance contract for rectification/replacement of
elastomeric bearings and other miscellaneous work on the
viaduct of JMRC Phase-1A.”*

Jaipur Metro Rail Corporation Ltd.

Office of General Manager Civil

Room No-405, 4th Floor, Admin Building,

Depot of Jaipur Metro, Bhrigu Path, Mansarovar, Jaipur-302020

Website: www.transport.rajasthan.gov.in/jmrc

Email: gmcivil@jaipurmetrorail.in, mgcivil@jaipurmetrorail.in

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JAIPUR METRO

JAIPUR METRO RAIL CORPORATION LIMITED
General Manager (Civil), (Directorate of Operations & Systems)

Room No-405, 4th Floor, Admin Building,
Depot of Jaipur Metro, Bhriugu Path, Mansarovar, Jaipur-302020
Tel. No. +917728895364 (Manager Civil),
Email: gmcivil@jaipurmetrorail.in, mgrcivil@jaipurmetrorail.in

SCHEDULE-A: NOTICE INVITING BID (NIB)

General:

- (i) Jaipur Metro Rail Corporation invites online Open competitive bids from interested and eligible agencies for "Maintenance contract for rectification/replacement of elastomeric bearings and other miscellaneous work on the viaduct of JMRC Phase-1A." This bid is invited under RTPPR Act-2012, and Rules, 2013.
- (ii) The complete bid document can be downloaded from the state e-procurement website <https://www.eproc.rajasthan.gov.in> and interested bidders will have to submit their offer in electronic formats both for technical and financial proposal on this website with their digital signatures. The complete bid document can also be seen on the Corporation's website <https://transport.rajasthan.gov.in/jmrc> and state public procurement portal i.e., <http://sppp.rajasthan.gov.in>.
- (iii) Bidders who wish to participate in this bidding process must register at <https://eproc.rajasthan.gov.in>. To participate in online Bids, as per the Information Technology Act, 2000, Bidders will have to obtain a Digital Signature Certificate (DSC) from any agency-approved by Controller of Certifying Authorities (CCA). Bidders who already have a Valid Digital Signature Certificate need not obtain a new Digital Signature Certificate. This DSC will be used by the bidder to digitally sign the bids before its online submission on E-Proc Portal. However, each page of the bid must be stamped and signed by the authorized signatory of the bidder firm as token of acceptance of the Bid Conditions.

1.0 NOTICE INVITING BID (NIB) KEY DETAILS:

(a)	Name & Address of the Procuring Entry	Name: - Director (O&S), Jaipur Metro Rail Corporation Ltd. Address: - Room No-405, 4th Floor, Admin Building, Depot of Jaipur Metro, Bhriugu Path, Mansarovar, Jaipur-302020. Email: dos@jaipurmetrorail.in ; gmcivil@jaipurmetrorail.in
(b)	Subject Matter of Procurement. (Name of Work)	"Maintenance contract for rectification/replacement of elastomeric bearings and other miscellaneous work on the viaduct of JMRC Phase-1A."

**SCHEDULE-A: NOTICE INVITING
BID (NIB)**

99/JMRC/O&S/Civil/Works/2023-24

(c)	Work completion Period	365 Days from the date of issue of LOA.
(d)	Defect Liability Period	1 Year from the date of work completion.
(e)	Bid Procedure	Single Stage Two Envelope (Technical Bid & Financial Bid)
(f)	Bid Evaluation Criteria	Technically Qualified and Lowest Rated Bidder (L-01)
(g)	Website for downloading Bidding Documents, Corrigendum, Addendums, etc.	https://www.eproc.rajasthan.gov.in www.sppp.rajasthan.gov.in transport.rajasthan.gov.in/jmrc
(h)	Cost of Bid Form (Non-Refundable)	To participate in the bid, the bidder has to pay the cost of the bid form as below: - Cost of Bid Form: - Rs. 1,180.00/- Rupees. (DD/BC of scheduled bank payable in favour of Jaipur Metro Rail Corporation Limited)
(i)	Estimated procurement cost	INR ₹ 97,85,575.00 (Inclusive of all taxes and other charges)
(j)	Bid Security Deposit (EMD)	Amount (INR): 2.0% (Rs. ₹ 195,712.00/-) of Estimated Cost. (DD/BC of scheduled bank payable in favour of Jaipur Metro Rail Corporation Limited or as per RTPPR-2013).
(k)	E-Bid Processing Fee (Non-Refundable)	Rs. 1,500.00 /- by Demand Draft / Bankers Cheque, payable in favor of Managing Director, RISL . Payable at Jaipur
(l)	Venue of Physical Submission of Cost of Bid Form, Bid Security and E-Bid Processing Fee etc.	Date: <u>09/10/2024</u> ; Time: <u>14:00 Hrs</u> O/o General Manager (Civil), Jaipur Metro Rail Corporation Ltd. Address: - Room No-405, 4th Floor, Admin Building, Depot of Jaipur Metro, Bhriгу Path, Mansarovar, Jaipur-302020 Mobile No:- +917728895364

**SCHEDULE-A: NOTICE INVITING
BID (NIB)**

99/JMRC/O&S/Civil/Works/2023-24

(m)	Publishing Date on E-Proc Portal, SPPP Portal and JMRC Website.	Date: - <u>10/09/2024</u> Time- <u>9:30</u> Hrs
(n)	Document Sale/ Download/ Cost of Bid Form deposition period.	From Date: <u>10/09/2024</u> Time- <u>9:30</u> Hrs
		To Date: <u>30/09/24</u> Time- <u>15:30</u> Hrs <u>7/10/24</u>
(o)	Date and Time of Pre-bid meeting,	Date: <u>18/09/2024</u> Time: <u>11:00</u> Hrs
	Authority and Place for Pre-Bid Meeting.	Director (O&S), Chintan Room, Room No-208, 2nd Floor, Admin Building, Depot of Jaipur Metro, Bhriгу Path, Mansarovar, Jaipur-302020
	Last date for submission of queries to JMRC.	Date: <u>18/09/2024</u> Time: <u>16:00</u> Hrs.
(p)	Date and time for issuance of Minutes of Pre-bid meeting on E-Proc Portal, SPPP Portal and JMRC Website.	Date: <u>20/09/2024</u> Time: <u>16:00</u> Hrs
(q)	Online Bid Submission Period on E-Proc Portal of Rajasthan Government.	From Date: <u>20/09/2024</u> Time- <u>17:00</u> Hrs
		To Date: <u>09/10/2024</u> Time- <u>15:00</u> Hrs
(r)	Online Technical Bid Opening Date and Time	Date: - <u>09/10/2024</u> Time: - <u>15:30</u> Hrs
		Venue: - O/o General Manager (Civil), Jaipur Metro Rail Corporation Ltd. Address: - Room No-405, 4th Floor, Admin Building, Depot of Jaipur Metro, Bhriгу Path, Mansarovar, Jaipur-302020.
(s)	Bid Validity	90 days from the bid submission deadline.
(t)	PRE-QUALIFICATION CRITERIA (TECHNICAL BID)	
	Bidders Eligibility: -	Documents required to be submitted: -



**SCHEDULE-A: NOTICE INVITING
BID (NIB)**

99/JMRC/O&S/Civil/Works/2023-24

<p>(i) Cost of Bid Form, Bid Security Deposit and E-Bid Processing Fee.</p> <p>(ii) Similar Work: - The bidder firm should have experience in the execution of “any work related with installation/repair/overhauling of bearings at railway Metro Bridges or viaduct” of ‘State/Central Government Bodies’ / PSU /Metro railways and should have well-established capacity to execute the required work as per Clause 1.0 (b) of NIB of Bid Document.</p> <p>Work experience (physical requirement) shall be required as per detail given below:</p> <p>The bidder firm should have satisfactorily completed One similar work of at least 80% of the estimated cost of similar work i.e Rs 78.28 Lakh /- OR Two similar works of at least 50% of the estimated cost of each costing Rs 48.93 Lakh /- OR Three similar works of at least 40% of the estimated cost each costing Rs. 39.14 Lakh/-. Work completion certificates are to be submitted accordingly.</p>	<p>(i) As per Clause 1.0 (h), Clause 1.0 (j) and Clause 1.0 (k) in original to JMRC before the due date and time for the bid submission as per Clause 1.0 (l) & (q) of NIB of Bid Document.</p> <p>(ii) For executed similar works in ‘State/Central Government Bodies’ /PSU/ Metro railways; self-certified copies of certificates for satisfactory work completion issued by the authorized person of the department/institution not below the rank of Executive Engineer during the last 05 Years reckoned from the date of last date of bid submission.</p>
<p>(iii) The bidder firm may be: - -Company registered under “Companies Act-1956/2013”, OR - Registered Sole proprietor, OR - Registered Partnership/Joint Venture Firm. And must be in existence for the execution of similar works for a minimum period of 03 Years reckoned from the last day of the previous month to the month in which NIB was called.</p> <p>(iv) The Average Annual Turn Over of the bidder during any of the last preceding 03 audited financial years (i.e FY- 2021-22 to 2023-24) should not less than 100 % of estimated cost</p>	<p>(iii) Self-attested copy of registration document as proof of registered firm for the similar work. PAN/GST in case of proprietorship Firm. (Copy of Partnership deed or certificate of incorporation with memorandum of articles of association, Power of attorney/Board resolution (as applicable) in favour of bid signing authority.</p> <p>(iv) Self-Certified Certificate issued by Chartered Accountant (CA) for the “Annual Turn Over” of the Bidder. OR Self-certified Income Tax Return Documents (ITRs) &</p>



**SCHEDULE-A: NOTICE INVITING
BID (NIB)**

99/JMRC/O&S/Civil/Works/2023-24

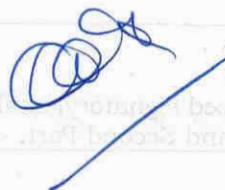
	<p>i.e INR 97.86 Lakh. In case of non-availability of the audited balance sheet (Profit & Loss Account Statement)/published annual accounts of the preceding Financial Year, the audited balance sheet (P&L Statement)/published annual account of the preceding FY 2020-21 to 2022-23 shall be taken into consideration.</p> <p>(v) Mandatory Registrations of the bidder such as "Goods & Service Tax (GST)" and Income Tax Registration.</p>	<p>Audited Balance Sheets (Certified by a Chartered Accountant (CA)).</p> <p>(v) Self-Certified Copy of: - -GST Registration of Bidding Firm. -Copy of PAN Card.</p>
	<p>Note: - For Section clause t(iii) (above), in case of bidder is a consortium, the above documents shall be mandatorily submitted for all the constituent members.</p>	
(u)	<p>ONLINE SUBMISSION OF BIDS: - Online bids will have to be digitally stamped and signed by the authorized signatory of the bidder firm and submitted in a time-stamped electronic sealed box on http://eproc.rajasthan.gov.in in the manner as below: The Bidder shall submit his signed and stamped bid online in two parts: -</p> <p>(i) First Part: - Technical Bid with all necessary documents in .pdf format (Self Certified/Signed by authorized Signatory of Firm) as per Clause 1.0 (t) of NIB, Scanned Copy of financial instruments such as Cost of Bid Form, E-Bid Processing Fee and Bid Security as per Clause 1.0 (h, j, k & l) of NIB, complete bid document as per Clause 1.1.1 of ITB of Bid Document (Except Schedule-G/Price Bid/BoQ).</p> <p>(ii) Second Part: - Financial Bid in electronic format (.xls Format) to be submitted online through E-Proc Portal for Rajasthan Government to procuring entity of JMRC as per Clause 1.0 of NIB of Bid Document on or before the last date of bid submission.</p>	
	<p>Note: -</p> <p>(i) Original Copy of DD/BC for Cost of Bid Form, E-bid Processing Fee & Bid Security as uploaded on E-Proc website is to be submitted at the office of JMRC before the due date of submission as per Clause-1.0 (l) of NIB Document.</p> <p>(ii) The bidders have to take utmost care that the Financial Bid is to be submitted separately in the Second Part of the Bid i.e. Financial Bid on the E-Proc website only. If any details of the Financial Bid whether intentionally/ unintentionally/ by mistake are mentioned in the First Part i.e. Technical Bid by the bidder; then its bid shall not be considered by JMRC. No correspondence in such matter shall be entertained by JMRC.</p>	
(v)	<p>POINTS TO BE NOTED:</p> <p>(i) Bidder (authorized signatory) shall submit their Two-Part Bid (First Part: -Technical Bid and Second Part: -Financial Bid) online on E-Proc website</p>	

**SCHEDULE-A: NOTICE INVITING
BID (NIB)**

99/JMRC/O&S/Civil/Works/2023-24

	<p>i.e. https://www.eproc.rajasthan.gov.in both for technical and financial proposals separately for each.</p> <p>(ii) In case, any of the bidders fails to pay the Cost of Bid form, E-Bid Processing Fee and Bid Security to JMRC, its Bid will not be considered and will be rejected.</p> <p>(iii) JMRC will not be responsible for the delay in Bid submission due to any reason.</p> <p>(iv) The procuring entity reserves the complete right to cancel the bid process and reject any or all the Bids.</p> <p>(v) Conditional Bid will be summarily rejected by JMRC.</p> <p>(vi) No contractual obligation whatsoever shall arise from the bidding document/ bidding process unless and until a formal contract is signed and executed between the procuring entity and the successful bidder.</p> <p>(vii) All Bidders are hereby cautioned that Bids containing any material deviation or reservation as described in Form-B and /or minor deviation without quoting the cost of withdrawal shall be considered as non-responsive and will be summarily rejected.</p> <p>(viii) Any Bid received with unattested cutting/ overwriting will be rejected.</p> <p>(ix) Procurement entity disclaims any factual/ or other errors in the bidding document (the onus is purely on the individual bidders to verify such information) and the information provided therein are intended only for the help the bidders to prepare a logical bid proposal.</p> <p>(x) The provisions of the RTPP Act 2012 and RTPPR-2013 Rules thereto shall be applicable for this procurement. Furthermore, in case of any inconsistency in any of the provisions of this bidding document with the RTPP Act 2012 and RTPPR-2013 Rules thereto, the later shall prevail. The RTPP Rules and ACT 2013 are available on the website of the finance department of Rajasthan i.e. https://finance.rajasthan.gov.in/</p> <p>(xi) Approved GCC is uploaded and available on the JMRC website i.e. https://transport.rajasthan.gov.in/jmrc, by signing the Bid Document, the firm agrees to accept the GCC. While framing the contract with the successful Bidder, the bidder shall sign the complete GCC document and submit it to the JMRC</p>
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Director, (O&S)
Jaipur Metro Rail Corporation Limited, Jaipur



2.0 CONTENTS OF BID DOCUMENT: -

Documents as listed below at SN. 2.1 to SN 2.8 (**Except SN-2.7; Schedule-G, Price Bid**) are to be attached separately with Notice Inviting Bid (NIB) in dully filled, stamped, and signed form as applicable to the bidder with the **Online Bid**.

2.1 SCHEDULE A: INFORMATION USEFUL FOR BIDDERS & SCOPE OF WORK:

The bidder should see the work site and fully understand the conditions of the work site before bidding and include all lead, lifts etc. for the material in his item rate/ percentage to be quoted on the rates as given in the SCHEDULE G: Price Bid/ Financial Bid. Then work shall be carried out to the entire satisfaction of the Engineer- In- Charge of the work.

2.2 SCHEDULE B: INSTRUCTIONS TO BIDDERS: - Attached Separately.

2.3 SCHEDULE C: SPECIAL CONDITIONS OF CONTRACT: Attached Separately.

2.4 SCHEDULE D: OTHER RELEVANT DOCUMENT

Approved GCC is uploaded and available on the JMRC website, by signing the Bid Document, the firm agrees to accept the GCC. While framing the contract with the successful Bidder, the bidder shall sign the complete GCC document and submit it to the JMRC. For detailed information, please refer to Schedule-D enclosed within the bid document.

2.5 SCHEDULE E: ANNEXURE: Attached Separately.

Annexure A: Compliance with the Code of Integrity and No Conflict of Interest.

Annexure B: Declaration by the Bidder regarding Qualifications.

Annexure C: Grievance Redressal during Procurement Process.

Annexure C1: Memorandum of Appeal under the Rajasthan Transparency in Public Procurement Act, 2012

Annexure D: Additional Conditions of Contract.

Annexure E: Initial filter criteria of the applicant.

Annexure F: Certificate by the Bidder to be appended with Annexure-E.

Annexure G: Certificate/Undertaking by the bidder as per RTPPA-2012. (On Bidder's Letter Head)

Annexure X: Certificate By Bidder with each Bill.

2.6 SCHEDULE F: FORMS: Attached Separately.

FORM-A: - Form of Bid with Appendix.

FORM-B: - Certificate of Conformity/No Deviation {to be filled by the Bidder}

FORM-C: - Form of Performance Security (Bank Guarantee) by Bank.

FORM-D: - Form of Agreement.

FORM-E: - General Information.

FORM -F: - Bidder's Bank Details.



FORM-G: - Power of Attorney.

FORM-H: - Indemnity certificate and obligation/ Compliance to be ensured by the Bidder.

2.7 SCHEDULE-G: - PRICE BID/FINANCIAL BID: -

Attached separately.

2.8 SCHEDULE-H: - Checklist for bid Evaluation/Submission:

Attached separately.

2.7 SCHEDULE-I: - appendices

All listed appendices are attached separately.

SIGNATURE OF CONTRACTOR

Director (O&S), JMRC

With full address & Mobile No.:

Jaipur Metro Rail Corporation Ltd.,
Jaipur

SCHEDULE-B: INSTRUCTIONS TO BIDDERS (ITB)

1.1 GENERAL INFORMATION

1.1.1 Digitally Signed Online Bids are invited for the NIB No.: 99/JMRC/O&S/Civil/Works/2023-24 towards "Maintenance contract for rectification/replacement of elastomeric bearings and other miscellaneous work on the viaduct of JMRC Phase-1A." by Jaipur Metro Rail Corporation Limited, hereinafter called the 'Employer', for Works in accordance with this Bid Package. The Bid consists of the following documents, along with their Tables, appendices, addenda, corrigenda, and errata if any.

CONTENTS OF BID DOCUMENT: -

- (i) Notice Inviting Bid (NIB) -Schedule-A)
- (ii) Instructions To Bidder (ITB) -(Schedule-B)
- (iii) Special Conditions of Contract (SCC) -(Schedule-C)
- (iv) General Conditions of Contract (GCC) -(Schedule-D)
- (v) Annexure (s) -(Schedule-E)
- (vi) Forms-(Schedule-F)
- (vii) Price Bid/ Financial Bid - Bill of Quantities (BOQ) -(Schedule-G)
- (viii) All listed Appendices in SCHEDULE-I: Appendices

Bids shall be prepared and submitted in accordance with the instructions given herein. This bid is under the RPPP Act 2012 & RPPP Rules, 2013.

1.1.2 The relevant address for correspondence relating to this Bid is given below:

General Manager (Civil), Jaipur Metro Rail Corporation LTD,
Room No-405, 4th Floor, Admin Building,
Depot of Jaipur Metro, Bhriгу Path, Mansarovar, Jaipur-
302020

1.1.3 A Pre-Bid meeting shall be held on the date and location given in clause 1.0 (o) of the NIB.

1.1.3.1 The purpose of the meeting will be to clarify issues and to answer questions on any matters that may be raised at that stage.

1.1.3.2 The Bidder is requested to submit any question in writing or by facsimile, to reach the employer not later than the last date of seeking clarification as mentioned in key details of NIB.

1.1.3.3 The text of the questions raised by the Bids and the response given will be transmitted without delay to all purchasers of the Bids documents. Any modification of Bid documents, which may become necessary as a result of the Pre-Bid meeting shall be made by the employer exclusively the issue of an Addendum/clarification.

1.1.3.4 Non-attendance at the Pre-Bid/Pre-bid meeting will not be a cause for disqualification of a Bidder.

1.2 SUBMISSION OF BIDS

1.2.1 COST OF BID DOCUMENT:

1.2.1.1 The BID should be submitted in the prescribed Bid document, which may be purchased as per Clause 1.0 (h) of NIB of Bid Document.

1.2.1.2 The complete bid document can be downloaded from the website <https://www.eproc.rajasthan.gov.in>; <http://transport.rajasthan.gov.in/jmrc> or www.sppp.raj.nic.in. The cost of bid document is to be submitted in the form of DD/ Banker's Cheque etc as per Clause 1.0 (h & l) of NIB.

1.2.2 SEALING AND MARKING OF BIDS

Online bids will have to be digitally stamped and signed by the authorized signatory of the bidder firm and submitted in a time-stamped electronic sealed box on <http://eproc.rajasthan.gov.in> in the manner as described in Clause 1.0 (u) of NIB.

1.2.3 EVALUATION OF BID

1.2.3.1 The Employer, *in accordance with Rule 63 of the RTPPR Rules 2013*, will conduct a thorough technical evaluation of the submitted technical proposals to ascertain the bidder's comprehensive understanding of the contract requirements. In the event of a significant inadequacy in a Bidder's technical submission, the Bid will be deemed non-compliant and subsequently rejected. Please refer to Clause 1.0 (t) of the NIB, Clause 1.1.1 of the ITB within the Bid Document, and the relevant Forms and Annexures outlined in Schedule-E and Schedule-F of the Bid Document for further details.

1.2.3.2 All bids deemed technically acceptable will be eligible for consideration of their financial proposals. The firms that achieve technical qualifications will be notified by the JMRC. The Employer, *in accordance with Rule 65 of the RTPPR 2013*, will conduct a comprehensive financial evaluation of the submitted financial proposals to ascertain the lowest bidder. Please refer to the relevant sections in the Bid Document for detailed information.

1.2.3.3 For price evaluation of Bid, the Total Overall Cost as quoted for the work of "Maintenance contract for rectification/replacement of elastomeric bearings and other miscellaneous work on the viaduct of JMRC Phase-1A." will be considered.

1.2.3.4 All offers shall be evaluated and marked L1, L2, L3 etc., L1 being the offer which is the least expensive offer.

1.2.4 NEGOTIATIONS

Subjected to Section 15 of RTPP Act and Rule 69 of RTPP Rules the procuring entity reserves the right to negotiate with the lowest and most advantageous bidder.

1.2.5 CORRECTION OF ERRORS: -



1.2.5.1 Bids determined to be technically acceptable after technical evaluation will be checked by the Engineer/ Employer for any arithmetical errors in computation and summation during financial evaluation. Errors will be corrected by the Employer.

1.2.5.2 If a Bidder does not accept the correction of errors as outlined above, his Bid may be rejected, and the Bid security shall be forfeited.

1.3 AWARD OF CONTRACT

1.3.1 AWARD CRITERIA

1.3.1.1 Employer will award, the Contract to the Bidder, whose Bid has been determined to be substantially responsive, technically & financially suitable, complete and in accordance with the Bid documents and whose evaluated bid price is determined to be lowest.

1.3.1.2 The "Letter of acceptance" will be uploaded on websites as per Clause 1.0 (g) of NIB, sent through E-Mail/Speed Post to the successful Bidder, who will return one copy to the Employer duly acknowledged and signed by the authorized signatory, within seven days of receipt of the same by him. No correspondence will be entertained by the Employer from the unsuccessful Bidder.

1.4 SIGNING OF AGREEMENT

1.4.1 The contractor shall prepare the Agreement on the non-judicial stamp as per the Rajasthan Stamp Act, in the Performa (Form D of Schedule-F) included in this Document, duly incorporating all the terms of agreement between the two parties. Within **15** days from the date of issue of the letter of acceptance, the successful Bidder will be required to execute the Contract Agreement. The performance security should be submitted immediately after the issue of the letter of acceptance but not later than the agreement is signed between the parties. One copy of the Agreement duly signed by the Employer and the contractor through their authorized signatories will be supplied by the Employer to the Contractor.

1.4.2 Prior to signing of the Contract Agreement, the successful bidder shall submit the following documents within a period of 15 days from the date of issue of the Letter of Acceptance:

- (a) Performance Security as per Clause 1.5 of ITB.
- (b) Power of Attorney (If required)
- (c) Detailed Consortium or Joint Venture Agreement (duly signed and executed) incorporating:
 - i. Percentage Participation of each member/partner.
 - ii. Joint and several liability of the partners.

1.5 PERFORMANCE SECURITY

1.5.1 The successful bidder shall furnish to the Employer a performance security in the form of a BG/BC or DD in the name of JMRC for **an amount equal**

to 10.0% of the total Contract Price, in accordance with Clause 4.2 of the General Conditions of Contract and rule 75 of RTPPR-2013. **The validity of BG (If submitted) shall be beyond 60 days after the expiry of all contractual obligations.** The Bank Guarantee has to be from a scheduled Commercial Bank based in India and the Form of Performance Security (Form C- Schedule-F) provided in this document shall be used. The Performance Security shall be furnished within the time limit specified in Clause 1.4.2 of ITB.

1.5.2 Alternatively, upon the successful bidder's request for the deduction of performance security, the Employer, in accordance with Rule 75 (3) (f) of the RTPPR, may permit the Bidder to submit the performance security amount (equivalent to 10.0% of the total contract price) through deductions from each running and final bill, calculated at a rate of 10.0% of the bill amount. This deduction will continue until the entire performance security amount is deposited. In the event that the total performance security has not been received by the submission of the final bill, any outstanding balance of the performance security will be deducted from the final bill to ensure full compliance with the performance security requirement.

1.5.3 In the case of the successful bidder, the amount of bid security may be adjusted in arriving at the amount of the performance security, or refunded if the successful bidder furnishes the full amount of performance security.

1.5.4 The Performance Security shall be refunded to the contractor after satisfactory completion of the Defect Liability Period. The Performance Security shall be forfeited by the Procuring Entity when work is not completed within the stipulated period by the contractor and the defects are not attended in the Defect Liability Period.

1.5.5 Additional Performance Security: -

~~1.5.5.1 In addition to Performance Security as specified in rule 75 of RTPPR-2013, an Additional Performance Security shall also be taken from the successful bidder in case of unbalanced bid. The Additional Performance Security shall be equal to fifty percent of the Unbalanced Bid Amount. The Additional Performance Security shall be deposited in a lump sum by the successful bidder before execution of the Agreement. The Additional Performance Security shall be deposited through Demand Draft, Banker's Cheque, or Bank Guarantee in favour of "Jaipur Metro Rail Corporation Limited".~~

Explanation: For the purpose of this rule: -

- (i) Unbalanced Bid means any bid below more than fifteen percent of Estimated Bid Value.
- (ii) Estimated Bid Value means value of the subject matter of procurement mention in bidding documents by the Procuring Entity.
- (iii) Unbalanced Bid Amount means positive difference of eighty five percent of Estimated Bid Value minus Bid Amount Quoted by the bidder.

1.5.5.2 The Additional Performance security amount shall be refunded to the contractor after satisfactory completion of the Defect Liability Period. The Additional Performance shall be forfeited by the Procuring Entity when work is not completed within stipulated period by the contractor and the defects are not attended in the Defect Liability Period.

1.5.6 Should the successful bidder fail to furnish both the required Performance Security and any additional performance security (if applicable), such failure shall serve as adequate grounds for the annulment of the Contract award and the forfeiture of the bid security. Furthermore, in the event that the successful bidder does not commence the contracted work for any reason following the issuance of the Letter of Award (LOA) in accordance with the terms and conditions outlined in the Bid, the LOA shall be revoked. As a consequence, the Performance Security and any additional performance security (if applicable), or the Bid Security equivalent to the sum of the Performance Security and any additional performance security (if applicable), shall be subject to forfeiture.

1.5.7 Performance security shall be furnished in any one of the following forms: -

- (a) Bank Draft or Banker's Cheque of a scheduled bank.
- (b) Bank guarantee or electronic bank guarantee (e-BG) of a scheduled bank. It shall be verified by the issuing bank. Other conditions regarding bank guarantee shall be the same as mentioned in the bidding document for Bid Security. The government of Rajasthan amended the Rajasthan Stamp Act, 1998 vide Finance Bill 2015 and inserted Article 13-A, which provides that a bank guarantee executed by a bank as a surety to secure the due performance of a contract or due discharge of a liability for this stamp duty is payable @ 0.25% of the amount secured subjected to a maximum of Rs. 25000/-.
- (c) Fixed Deposit Receipt (FDR) of a scheduled bank. It shall be in the name of the procuring entity on account of the Bidder and discharged by the Bidder in advance. The procuring entity shall ensure before accepting the FDR that the Bidder furnishes an undertaking from the bank to make payment/ premature payment of the FDR on demand to the procuring entity without the requirement of consent of the Bidder concerned. In the event of forfeiture of the performance security, the Fixed Deposit shall be forfeited along with interest earned on such Fixed Deposit.

1.6 OTHER TERMS & CONDITIONS: -

1.6.1 PAYMENT:

1.6.1.1 Payment will be made on actual work executed after satisfactory completion of works as per the issued work orders by JMRC under this works contract. the submitted GST-Invoice/Bills shall be accepted after certification by the JE Works In-Charge on the face of the bill, confirming the actual work's compliance with BOQ specifications and the amount of

the bill is as per recorded measurement in the Measurement Book mentioning with MB Number and Page Number.

1.6.1.2 Upon submission of each bill, under standard circumstances, 100% of the bill amount shall be disbursed. However, in the event that the JE Works In-Charge identifies pending aspects, such as the requirement for verification of works through Material Testing Certificates, Testing Certificates (if necessary) from an NABL accredited testing lab, obtaining NOC from other concerned wings of JMRC (if required), comprehensive site cleaning to ensure the absence of personnel, materials, and equipment, successful testing and commissioning of the works in accordance with the details submitted by the contractor to JMRCL, or any other reason reported by JE Works in writing, in such case only 80% of the bill amount shall be disbursed, and the remaining 20% shall be withheld. *It is imperative to note that if the 20% amount is withheld, it shall only be released upon further clearance certification by the JE Works In-Charge, indicating satisfactory resolution of the identified pending aspects.*

1.6.1.3 No advance is payable.

1.6.1.4 GST-Invoice/Bills, correct in all respect, shall be submitted in favor of Jaipur Metro Rail Corporation Limited, Jaipur with bank details in duplicate along with the acceptance certificate and relevant documents, if any, for arranging payment.

1.6.1.5 Necessary and applicable statutory deductions from the bill/invoice amount shall be done by JMRCL on account of Labour Welfare Cess as per BOCW Welfare Cess Act-1996 (Minimum 01% on bill amount and maximum up to 02% of bill amount as per latest guidelines issued by Govt. of Rajasthan) and TDS etc.

1.6.2 OTHER CONDITIONS:

1.6.2.1 Prices are inclusive of Manpower, Material, Tools, Transportation, all taxes & duties etc.

1.6.2.2 No tools and Plants shall be issued to the contractor by JMRC.

1.6.2.3 Only authorized staff of the contractor having proper identity cards issued by the contractor/firm shall be permitted to enter in JMRC Site Premises.

1.6.2.4 The work should be carried out without causing any hindrance to the users.

1.6.2.5 If the contractor fails to perform/execute the work satisfactorily, the contract may be terminated at any time without assigning any reason to the contractor.

1.6.2.6 The JMRC shall have the right to make minor alterations/additions/substitution in the scope of work or issue instructions that may be deemed necessary during the period of the contract and contractor shall carry out the work in accordance with the instructions which may be given to him by authorized JMRC's representative.

1.6.2.7 JMRC's General conditions of contract shall be applicable.

1.6.3 RTPP Act 2012 & RTPP Rules 2013:

"The Rajasthan Transparency in Public Procurement Act, 2012 and the "The Rajasthan Transparency Public Procurement Rules, 2013" under the said act have come into force which are available on the website of State Public Procurement Portal <http://sppp.rajasthan.gov.in>. The Bidders are advised to acquaint themselves with the provisions of the Act and the rules before participating in the Bidding process. If there is any discrepancy between the provisions of the Act and the Rules and this Bidding document, the provisions of the Act and the Rules shall prevail".



SCHEDULE-C: - SPECIAL CONDITIONS OF CONTRACT (SCC)

1.0 SPECIAL ATTENTION

The Contract will be awarded as per RTPP Act-2012 and RTPP Rules, 2013, to the Bidder whose responsive bid is determined to be eligible and lowest rated as per the terms and conditions of the bid document.

2.0 RIGHT OF WAY

Right of way (within JMRC land) to the work site will be provided to the Bidder by the Engineer-In-Charge.

3.0 COORDINATION WITH OTHER BIDDERS

The bidder for this package shall plan and execute work in coordination and in cooperation with other bidders working for adjacent/other packages, under intimation to the Engineer-In-Charge.

4.0 SUFFICIENCY OF BID

- 4.1 The Bidder shall be entirely responsible for the sufficiency of rates quoted by him in his bid.
- 4.2 The Bidder (Successful Bidder) shall be paid for only at quoted/accepted rates.

5.0 NOTICES AND INSTRUCTIONS

The Bidder shall furnish to the Employer/Engineer the postal address of his office at Jaipur and working E-Mail address. Any notice or instructions to be given to the Bidder under the terms of the contract shall be deemed to have been served on him if it has been delivered to his authorized agent or representative at the site or if it has been sent by registered post to the office, or to the address of the firm last furnished by the Bidder or if conveyed by the E-Mail from the authorized email.

6.0 SUPPLY OF MATERIALS TOOLS, AND EQUIPMENT BY THE EMPLOYER

No material, tools, or equipment shall be supplied by the Employer. The Bidder has to arrange all tools, equipment, materials etc. required for the work. The Bidder shall have to identify sources for the supply of all materials and get them approved by the Engineer-In-Charge before the use. The Bidder shall submit the sample to the Engineer-In-Charge and shall use it only after the sample is approved. Nothing extra shall be payable to the Bidder on this account.

7.0 USE AND CARE OF SITE

- 7.1 The Bidder shall not demolish, remove or alter structures or other facilities on the site without prior approval of the Engineer-In-Charge. Furthermore, if the work site is situated in Chhoti Chaupar or Badi Chaupar, please note that these locations are designated UNESCO World Heritage Sites.

Consequently, all work must be conducted with the highest level of care and adherence to preservation standards to ensure the protection of the site's historical and cultural integrity.

7.2 All garbage/debris shall be removed from the site daily or as they accumulate. All garbage/debris shall be disposed of to the approved locations in a covered position. The necessary materials required i.e. cartoons/ dustbins etc to be provided by the bidder at his cost. The transportation for disposing of the debris shall also be arranged by the bidder.

7.3 All surrounding surface and sub-soil drains shall be maintained in a clean, sound and satisfactory state of performance.

7.4 Necessary permission/approval of the Employer's representative shall be obtained before carrying out the work.

7.5 ACCIDENTS: -

It shall be the entire responsibility of the bidder to adopt all the safety measures and deploy personnel who are adequately trained in safety. If any accident occurs within the JMRC jurisdiction while carrying out the works or due to negligence on the part of the bidder's personnel, it shall be the full responsibility of the bidder.

8.0 DUTIES, TAXES, OCTROI, ROYALTY ETC

8.1 The rates quoted by the Bidder for all materials, required to be purchased for the satisfactory performance of this contract, shall be deemed to be inclusive of all duties, taxes, octroi, royalties, rentals etc.

8.2 The Bidder shall ensure full compliance with the tax laws of India with regard to this contract and shall be solely responsible for the same. He shall submit copies of acknowledgements evidencing filing of returns every year and shall keep the Employer fully indemnified against liability of tax, interest, penalty etc, of the Bidder's in respect thereof, which may arise.

9.0 GST REGISTRATION CERTIFICATE

If the Bidder is a GST assessee, he should produce a valid GST Registration Certificate; otherwise, payment to the Bidder may be withheld.

10.0 HOUSING FACILITIES:

(Supplemental to Clause 6.6 of "General Conditions of Contract")

The Bidder shall have to make his own arrangements for housing facilities for his staff.



11.0 ACCESS ROADS AND HAUL ROADS

11.1 Existing roads and other public roads may be used by the Bidder to carry out works with prior approval of the competent authority. The Bidder shall pay the statutory vehicle license and permit fees for use of public roads.

11.2 The Bidder shall repair any damage to the road or bear the cost thereof due to the movement of the bidder's plants and equipment, vehicles etc. to the specifications and satisfaction of road authorities as well as of Engineer.

12.0 DEDUCTIONS FROM BIDDER'S BILL

12.1 **Tax Deduction at Source (TDS):** The Employer shall deduct Tax at Source (TDS) from each on-account progress bill in accordance with the provisions of relevant statutes, acts of statutory bodies, and local authorities.

12.2 **Statutory Deductions for Labour Welfare Cess:** JMRC shall make necessary deductions from the bill/invoice amount on account of Labour Welfare Cess as per the provisions of the Building and Other Construction Workers Welfare Cess Act-1996. The deduction shall range from a minimum of 01% to a maximum of 02% of the bill amount, subjected to the latest guidelines issued by the Government of Rajasthan.

12.3 **Other Deductions:** Any other deductions, if applicable, shall be made in accordance with the provisions outlined in Section 1.6.1.2 of Instructions To Bidders (ITB) and Section 13.3 of Schedule-C: Special Conditions of Contract (SCC).

13.0 PROGRAM OF WORKS

13.1 The period of the contract is as per Clause 1.0 (c.) of NIB. However, the work should be started immediately after the issue of the LOA or as per the directions contained in the LOA.

13.2 The bidder should work round the clock if required. The major activities which are affecting the traffic are to be done at non-operational hours i.e. in the night shift.

13.3 PENALTY

13.3.1 Penalty for non-attending the works within the minimum specified time as mentioned for the different works after the issue of instructions by the competent authority or incomplete work or for the poor quality of works will be levied up to the rate of 10% of the following:

13.3.1.1 In Case of Item Rate Contract, Total Cost of work as per Work order

13.3.1.2 In Case of a contract other than the Item rate contract, the total Contract Price.

13.3.1.3 In Case of Termination of any Contract, the total Contract Price.

- 13.3.2 Repeated failure by the bidder to attend to the works within a specified time period may lead to termination of the contract. The penalty shall be preceded by proper show cause notice. The penalty once levied may be reviewed by the authority next higher to the authority who has levied the penalty on written submission by the bidder within 15 days of the levy of the penalty.
- 13.3.3 This penalty shall not relieve the bidder from his obligation to execute the works or from any other of his obligations and liabilities under the contract.
- 13.3.4 The Bidder shall co-ordinate his programme to the extent feasible with the programmers of other bidders to be engaged at the site or in the vicinity of the site, as furnished by the Engineer so that the works can be carried out as per the overall program.
- 13.3.5 0.015% of contract price per day of delay in completion of work as per time period of completion mentioned in work orders.
- 13.3.6 In cases where the entire bid security, performance security, or any substitute thereof is forfeited by the procuring entity in relation to a procurement process or contract termination, the bidder may face debarment from participating in any future procurement processes conducted by the procuring entity. The duration of this debarment period shall not exceed three years.
- 13.3.7 Time-based penalties shall be imposed for delays or non-compliance as per the contract terms. The decision of the Contract Engineer in determining the penalty shall be final and binding.

14.0 SECURITY MEASURES

- 14.1 Security arrangements for the work shall be in accordance with general requirements and the Bidder shall confirm such requirements and shall be held responsible for the action or inaction on the part of his staff, and employees.
- 14.2 Bidders' employees and representatives shall wear Identification Badges/ ID Cards, helmets, gum boots, approved uniform and other safety/protection wear as directed by the Engineer in-charge, and to be provided by the Bidder. Badges shall identify the Bidder and show the employee's name and number and shall be worn at all times while at the site.
- 14.3 All vehicles used by the Bidder shall be clearly marked with the Bidder's name or identification mark.

15.0 ECOLOGICAL BALANCE

- 15.1 The Bidder shall maintain ecological balance by preventing deforestation, water pollution and defacing of natural landscape. The Bidder shall conduct his work activities, as to prevent any avoidable destruction, scarring or defacing of natural surroundings in the vicinity of work. In respect of ecological balance, the Bidder shall observe the following instructions.
- 15.2 Where destruction, scarring, damage or defacing may occur as a result of operations relating to works activities, the same shall be repaired, replanted

or otherwise corrected at Bidder's expense. All work areas shall be smoothed and graded in a manner to confirm to natural appearance of the landscape as directed by the Engineer.

(a) All trees/plants and shrubbery, which are not specifically required to be cleared or removed for works purposes, shall be preserved and shall be protected from any damage that may be caused by Bidder's maintenance activities. The removal of trees/plants or shrubs may be permitted only after prior approval by the Engineer-In-Charge. Trees/plants shall not be used for anchorage. The Bidder shall be responsible for injuries to trees/plants and shrubs caused by his operations. The term "injury" shall include, without limitation, bruising, scarring, tearing and breaking of roots, trunks or branches etc. All injured trees and shrubs shall be restored as nearly as practicable, without delay, to their original condition at Bidder's expenses.

(b) In the conduct of works activities and operation of equipment, the Bidder shall utilize such practicable methods and devices as are reasonably available to control, prevent and otherwise minimize air/noise pollution.

15.3 Separate payment shall not be made for complying with the provisions of this clause and all costs shall be deemed to have been included in the price in the Bill of Quantities.

16.0 BRIEF SCOPE OF WORK

Brief scope of work is included/mentioned in Schedule G of the Bid document.

17.0 PAYMENT

17.1 For the purpose of On-account payment, the bidder shall submit detailed activities carried out as per Work orders recorded in Measurement sheets, Abstract sheets along with recorded bill for the item actually executed for checking and payment. Payment will be based on unit rates as approved in the Bill of Quantities.

17.2 The bidder has to submit self-certified copies of vouchers showing quantity of materials brought to site for in charge's record.

17.3 If any activities not carried out as per the work order the applicable amount may be deducted from the payable bill amount or performance security/bid security etc. If the work carried out through other agency under the intimation to the bidder and the charges incurred on it may be deducted from the bidder's bill. In addition, the applicable penalty may be levied as per Clause 13.3 of SCC.

17.4 The payment shall be made on actual work done basis for the activities carried out as per the work orders. At the time of billing, the bidder shall submit necessary documents and Bill in the standard format for payment.



18.0 BIDDER'S OFFICE

- 18.1 The Bidder shall establish an office in Jaipur in consultation with the in charge for planning, co-ordination and monitoring the progress of the Work and intimate the same in writing to incharge.
- 18.2 In addition, the Bidder shall also set up field offices at convenient and approved locations for co-ordination and for monitoring the progress of work at his own cost. The office shall be manned by bidder staff consisting of one supervisor (graduate Civil Engineer with 3 years' experience/Recognized Diploma Holder in Civil Engineering with 05 years' experience). The contractor has to submit the details/certificates of his supervisor to Manager (Civil) immediately after award of LOA. The contact numbers of contractor's representative shall be intimated in writing to GM Civil/O&S or his authorized representative.
- 18.3 One "Site Order Book / Progress Monitoring register" shall be maintained at field office.

18.4 Monthly Progress Report:

- 18.4.1 The Bidder shall maintain a Monthly Progress Report throughout the duration of the project. This report shall be duly verified by a representative of JMRC (Jaipur Metro Rail Corporation) and submitted as and when required.
- 18.4.2 The Monthly Progress Report should provide a comprehensive overview of the work progress during the specified time period. It should include details on milestones achieved, work completed, resources utilized, and any challenges or delays encountered.
- 18.4.3 JMRC reserves the right to request the Monthly Progress Report at any time to assess the work status and ensure compliance with the agreed-upon timelines and deliverables. The report should be submitted promptly upon request, allowing sufficient time for verification and assessment by JMRC.
- 18.4.4 The Bidder is responsible for ensuring the accuracy and transparency of the Monthly Progress Report. It should be prepared in a clear and concise manner, utilizing appropriate formats and standardized templates specified by JMRC.
- 18.4.5 Failure to maintain and submit the Monthly Progress Report as required may result in penalties, contract termination, or other appropriate actions as deemed fit by JMRC.
- 18.4.6 It is important for the Bidder to keep accurate records, collaborate with JMRC representatives, and facilitate the verification process in relation to the Monthly Progress Report.
- 18.4.7 This provision regarding the Monthly Progress Report shall remain in effect throughout the duration of the contract, unless otherwise specified by JMRC in writing.

19.0 NOISE AND DISTURBANCE/POLLUTION

19.1 All works shall be carried out without unreasonable noise and disturbance. The Bidder shall indemnify and keep indemnified the Employer from and against any liability for damages on account of noise or other disturbance created while carrying out the work, and from and against all claims, demands, proceedings, damages, costs, charges, and expenses, whatsoever, in regard or in relation to such liability.

19.2 Subject and without prejudice to any other provision of the Contract and the law of the land and its obligation as applicable, the Bidder shall take all reasonable precautions.

20.0 ADVANCES

No advances shall be paid to the Bidder.

21.0 PRICE VARIATION CLAUSE

Price variations clause is not applicable in this contract.

22.0 WATER SUPPLY AND ELECTRICITY

Water supply and electricity may be provided by JMRC if possible, as per site condition only after the approval of authority of JMRC.

23.0 COMPLIANCES TO VARIOUS PROVISIONS OF ACTS:

The bidder shall comply with all the provisions of the Minimum Wages Act, 1948, The Building and Other Construction Workers (Regulation of Employment and Condition of Service) Act 1996 and Contract Labour (Regulation and Abolition) Act, 1970, EPF act, ESI Act etc as applicable and amended from time to time and rules framed there-under and other labour laws affecting contract labour that may be brought into force from time to time.

24.0 RIGHT TO VARY QUANTITY (As per latest provisions of RTPPR, 2013)

Bidder is to carry out their self-assessment in respect of their capacity in terms of manpower, machinery, materials and finance. He is to indicate separate set of manpower, machinery, materials in different bids. Once a bid is accepted, resources required for its execution shall not be considered for assessment of other bid. **The bidder is required to consider right of JMRC to vary quantities as per latest provisions of RTPPR 2013 (Rule-73) as amended from time to time.**

25.0 RETURNS OF SURPLUS MATERIAL

Surplus material provided by the bidder at the start of this contract for maintaining inventory will be the property of bidder and is to be removed within 07 days after completion of work. After expiry of 07 days, charges for the space occupancy may be charged from bidder @ 500 /- per day per inventory.

26.0 STORAGE OF DISMANTLED MATERIAL

Storage of dismantled materials will be the responsibility of bidder. Dismantled material so accumulated is to be submitted to STORES of JMRC at DCOS Building at Metro Train Depot of JMRC at Bhrigu Path Mansarovar, Jaipur on the risk and cost of bidder after getting written permission from O/o Engineer-in-charge.

27.0 MANDATORY REGISTRATION OF BIDDER

The bidder should be registered for "Goods and Service Tax" (GST).

28.0 WORK NOT TO BE SUBLET

The work should not be sublet, the written approval of Procuring Entity (PE) is required.

29.0 SCHEDULE OF INSPECTIONS

The work site shall be inspected jointly by bidders and JMRC representative and inspection note shall be issued jointly. All the defects appearing in inspection note shall be rectified within specified time or DLP. The Performa of Inspection shall be provided by Engineer-In-Charge.

30.0 DELETED

31.0 MATERIALS:

31.1 Quality:

31.1.1 All materials used in the works shall be of the quality of their respective kinds as specified in RPWD specifications/Equivalent to approved list of material, obtained from sources and suppliers approved by the Engineer and shall comply strictly with the tests prescribed in the Technical Specifications/Codes of Practice (RPWD/CPWD/IRC/IS Codes etc) as per the directions of Engineer-In-Charge.

31.1.2 All materials used in JAIPUR METRO RAIL CORPORATION LTD. stations premises and mainline viaduct and underground tunnel section during construction stage are approved materials. In addition, to materials used to construct JAIPUR METRO RAIL CORPORATION LTD. Bidders are advised to refer list of additional approved sources/ vendors of material attached as Appendix-01. Of this Bid Document.

31.2 SAMPLING AND TESTING:

31.2.1 In addition to Test certificates, samples of all materials proposed to be employed in permanent works shall be submitted to the Engineer when called for. In such cases, materials will not be brought to the site without prior approval of the Engineer.

31.2.2 Samples provided to the Engineer are to be labelled in boxes suitable for storage. Materials or workmanship, not corresponding in character and quality with approved samples, will be rejected by the Engineer.

31.2.3 Samples required for approval and testing must be supplied at least 15 days in advance to allow for testing and approval. Delay to the works arising from the late submission of samples will not be acceptable as a reason for the delay in completion of the works.

31.2.4 The bidder shall bear all expenses for sampling and testing, whether at the manufacturer's premises, at the source, on-site, or at any testing laboratory or institution as directed by the Engineer. It is explicitly stated that JAIPUR METRO RAIL CORPORATION LTD will not bear any costs associated with these activities in. any case, the bidder shall solely be responsible for covering all associated testing charges.

32.0 REJECTION:

Any materials that have been found not to conform to the specifications will be rejected forthwith and shall be removed from the site by the bidder at its own cost within 15 days.

33.0 WORKMANSHIP:

All works shall be true to level, plumb and square and the corner, edges and arises in all cases shall be unbroken and neat and shall be as per provisions in the relevant Technical Specifications / Standard Codes of Practices. Bidder shall also submit Quality Assurance Programme and Methods Statements for special works to be done within 07 days before the start of work for the approval of Engineer-in-Charge.

34.0 INSTALLATION CRITERIA:

The installation and placement of elastomeric bearings shall be certified by the OEM or manufacturer, ensuring compliance with specified levels, proper loading, and suitable conditions. Certification documentation must be provided to confirm adherence to these standards. it is the responsibility of the bidder to get the certification at his own cost.

All elastomeric bearings installed in JMRC Phase 1A have been supplied and installed by M/S Tricon Polymers. To ensure consistency in design and loading conditions, any bidder signing this bid document must ensure that all new bearings are supplied by M/S Tricon Polymers. Hence, The bearings must be sourced from Tricon Polymers Private Limited.

35.0 MANUFACTURING, INSTALLATION AND CONSTRUCTION METHODS:

The Contractor shall submit complete documents and information pertaining to the methods of manufacture, installation and construction which the Contractor proposes to adopt or use, (and if applicable such calculations of stresses, strains and deflections and the like that will or may arise in the Works or to the other works comprising the Project or any parts thereof during installation from the use of such methods). The Engineer will then check to see whether, if such methods are adhered

to, the Works can be executed in accordance with the Contract and without detriment to the Works (when completed) and to other works comprising the Project and in a manner which minimises disruption to road and pedestrian traffic.

The Engineer shall inform the Contractor in writing within 21 days after receipt of the above information.

- (a) that the Contractor's proposed methods of manufacture, installation and construction have the consent of the Engineer; or
- (b) in what respects, in the opinion of the Engineer the Contractor's proposed methods of manufacture, installation and construction:
 - (i) fail to comply with the Employer's Requirements and/or the Definitive Design and/or the Final Design;
 - (ii) would be detrimental to the Works and/or to the other works comprising the Project;
 - (iii) do not comply with the other requirements of the Contract;
- (c) as to the further documents or information which are required to enable the Engineer to properly assess the proposed methods of manufacture, installation and construction.

In the event that the Engineer does not give his consent, the Contractor shall take such steps or make such changes in the said methods or supply such further documents or information as may be necessary to meet the Engineer's requirements and to obtain his consent. The Contractor shall not change the methods of manufacture, installation and construction which have received the Engineer's consent without further review and consent in writing of the Engineer.

Notwithstanding the foregoing provisions of this Clause, or that certain of the Contractor's proposed methods of manufacture, installation and construction may be the subject of the consent of the Engineer, the Contractor shall not be relieved of any liability or obligation under the Contract.

36. ELECTRICITY AND WATER

Electricity and water shall be arranged by the contractor on his own and at his cost.

If available, the Employer may provide Water supply and Electricity on chargeable basis. The contractor shall make his own arrangements to tap the Electricity from the nominated and existing sockets/ points. The contractor shall tap the Electricity as per IE Rules & IE Act (Latest) duly complying all safety precautions and under following conditions:

- a) The contractor shall submit full scheme for the requirement of Electricity & water. If scheme mentions Electricity requirement which is beyond the capacity of the Employer, in that case the contractor shall make his own arrangements/ alternative arrangements.
- b) The Contractor should make his own arrangements to draw the water from the available water point to the working place without affecting the premises.

37. STAFFING SCHEDULE AND RELATED DETAILS

The Tenderer shall submit with his Tender (Form- J of Schedule F) a staffing schedule containing the names, qualifications, professional experience and corporate affiliation of all proposed management personnel (above the level of shift supervisor) and specialists for this work. The submission shall include a provisional management structure and organisation chart showing areas of responsibility, relative seniorities and lines of reporting. The proposed staffing plan shall be in conformity with the Appendix-03 and 04 of SCHEDULE-I: Appendices.

38. CONTRACTOR'S EQUIPMENT AND PROJECT PERSONNEL

The contractor shall deploy project personnel, plants and equipment required to complete the work as per the schedule and within the completion period as given in Appendix-03, 04 and 05 of SCHEDULE-I: Appendices.

39. EMPLOYER'S REQUIREMENTS:

The contractor shall complete the work as per the schedule and within the completion period as given in SCHEDULE-A: NIB and Appendix-06 of SCHEDULE-I: Appendices.



SCHEDULE-D: Other Relevant Document

1.0 General Condition of Contract:

Approved GCC is uploaded and available on the JMRC website i.e. <https://transport.rajasthan.gov.in/jmrc>, by signing the Bid Document, firm agrees to accept the GCC. While framing the contract with the successful Bidder, the bidder shall sign the complete GCC document and submit it to the JMRC.

2.0 Safety Health And Environment (SHE) Manual:


Approved **Safety Health and Environment (SHE) Manual** is uploaded and available on the JMRC website i.e. <https://transport.rajasthan.gov.in/jmrc>, by signing the Bid Document, firm agrees to accept the GCC.

3.0 RTPP Act 2012 & RTPP Rules 2013:

The provisions of RTPP Act 2012 and RTPPR-2013 Rules thereto shall be applicable for this procurement. Furthermore, in case of any inconsistency in any of the provisions of this bidding document with the RTPP Act 2012 and RTPPR-2013 Rules thereto, the later shall prevail. The RTPP Rules and ACT 2013 is available on the website of finance department of Rajasthan i.e. <https://finance.rajasthan.gov.in/>

4.0 Technical Specifications: -

RPWD Specifications/CPWD Specifications/IRC/IS Code/RUIDP ISOR etc. and provisions of Codes/Specifications/ Manual are applicable for these works and work should be carried out as per these specifications and manual. Crane or Hydra if required to be used for various works at height in JMRC premises shall be of 1st Generation or equivalent category as per the directions of Engineer-In-Charge. Relevant document is available to concern department website.



SCHEDULE-E: - ANNEXURES

Annexure A: Compliance with the Code of Integrity and No Conflict of Interest

Any person participating in a procurement process shall -

- a. Not offer any bribe, reward or gift or any material benefit either directly or indirectly in exchange for an unfair advantage in procurement process or to otherwise influence the procurement process;
- b. Not misrepresent or omit that misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation;
- c. Not indulge in any collusion, Bid-rigging or anti-competitive behaviour to impair the transparency, fairness and progress of the procurement process;
- d. Not misuse any information shared between the procuring Entity and the Bidders with an intent to gain unfair advantage in the procurement process;
- e. Not indulge in any coercion including impairing or harming or threatening to do the same, directly or indirectly, to any party or to its property to influence the procurement process;
- f. Not obstruct any investigation or audit of a procurement process;
- g. Disclose conflict of interest, if any; and
- h. Disclose any previous transgressions with any Entity in India or any other country during the last three years or any debarment by any other procuring entity.

Conflict of Interest: -

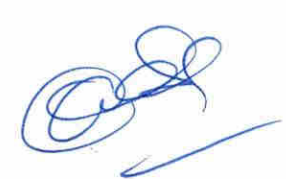
The Bidder participating in a bidding process must not have a Conflict of Interest. A Conflict of Interest is considered to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations.

- i. A Bidder may be considered to be in Conflict of Interest with one or more parties in a bidding process if, including but not limited to:
 - a. have controlling partners/ shareholders in common; or
 - b. receive or have received any direct or indirect subsidy from any of them; or
 - c. have the same legal representative for purposes of the Bid; or
 - d. have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of the Procuring Entity regarding the bidding process; or
 - e. the Bidder participates in more than one Bid in a bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which the Bidder is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a Bidder, in more than one Bid; or
 - f. the Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical

- specifications of the Goods, Works or Services that are the subject of the Bid; or
- g. Bidder or any of its affiliates has been hired (or is proposed to be hired) by the Procuring Entity as engineer-in-charge/consultant for the contract.

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Annexure B: Declaration by the Bidder regarding Qualifications

Declaration by the Bidder

In relation to my/our Bid submitted to for procurement ofin response to their Notice Inviting Bids NoDated I/we hereby declare under Section 7 of Rajasthan Transparency in Public Procurement Act, 2012, that:

1. I/we possess the necessary professional, technical, financial and managerial resources and competence required by the Bidding Document issued by the Procuring Entity;
2. I/we have fulfilled my/our obligation to pay such of the taxes payable to the Union and the State Government or any local authority as specified in the Bidding Document;
3. I/we are not insolvent, in receivership, bankrupt or being wound up, not have my/our affairs administered by a court or a judicial officer, not have my/our business activities suspended and not the subject of legal proceedings for any of the foregoing reasons;
4. I/we do not have, and our directors and officers not have, been convicted of any criminal offence related to my/our professional conduct or the making of false statements or misrepresentations as to my/our qualifications to enter into a procurement contract within a period of three years preceding the commencement of this procurement process, or not have been otherwise disqualified pursuant to debarment proceedings.
5. I/we do not have a conflict of interest as specified in the Act, Rules and the Bidding Document, which materially affects fair competition;

Date:

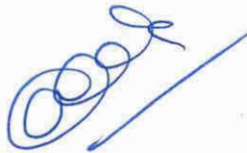
Signature of bidder

Place:

Name

Designation:

Address:



Annexure C: Grievance Redressal during Procurement Process

The designation and address of the First Appellate Authority is MD/CMD, JMRC, JMRC.

The designation and address of the Second Appellate Authority is Chairman/Board, JMRC.

(1) Filing an appeal:

If any Bidder or prospective bidder is aggrieved that any decision, action or omission of the Procuring Entity is in contravention to the provisions of the Act or the Rules or the Guidelines issued there under, he may file an appeal to First Appellate Authority, as specified in the Bidding Document within a period of ten days from the date of such decision or action, omission, as the case may be, clearly giving the specific ground or grounds on which he feels aggrieved:

Provided that after the declaration of a Bidder as successful the appeal may be filed only by a Bidder who has participated in procurement proceedings:

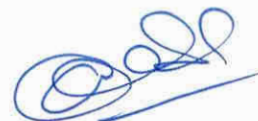
Provided further that in case a Procuring Entity evaluates the Technical Bids before the opening of the Financial Bids, an appeal related to the matter of Financial Bids may be filed only by a Bidder whose Technical Bid is found to be acceptable.

- (2) The officer to whom an appeal is filed under para (1) shall deal with the appeal as expeditiously as possible and shall endeavor to dispose it of within thirty days from the date of the appeal.
- (3) If the officer designated under para (1) fails to dispose of the appeal filed within the period specified in para (2), or if the Bidder or prospective bidder or the Procuring Entity is aggrieved by the order passed by the First Appellate Authority, the Bidder or prospective bidder or the Procuring Entity, as the case may be, may file a second appeal to Second Appellate Authority specified in the Bidding Document in this behalf within fifteen days from the expiry of the period specified in para (2) or of the date of receipt of the order passed by the First Appellate Authority, as the case may be.

(4) Appeal not to be in certain cases

No appeal shall lie against any decision of the Procuring Entity relating to the following matters, namely: -

- (a) determination of need of procurement;
- (b) provisions limiting participation of Bidders in the Bid process;
- (c) the decision of whether or not to enter into negotiations;
- (d) cancellation of a procurement process;
- (e) Applicability of the provisions of confidentiality.



Form of Appeal

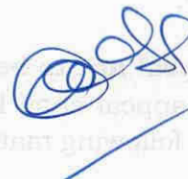
- (a) An appeal under para (1) or (3) above shall be in the annexed Form along with as many copies as there are respondents in the appeal.
- (b) Every appeal shall be accompanied by an order appealed against, if any, affidavit verifying the facts stated in the appeal and proof of payment of fee.
- (c) Every appeal may be presented to First Appellate Authority or Second Appellate Authority, as the case may be, in person or through registered post or authorized representative.

(6) Fee for filing appeal

- (a) Fee for first appeal shall be rupees two thousand five hundred and for second appeal shall be rupees ten thousand, which shall be non-refundable.
- (b) The fee shall be paid in the form of bank demand draft or banker's cheque of a Scheduled Bank in India payable in the name of Appellate Authority concerned.

(7) Procedure for disposal of appeal

- (a) The First Appellate Authority or Second Appellate Authority, as the case may be, upon filing of appeal, shall issue notice accompanied by copy of appeal, affidavit and documents, if any, to the respondents and fix date of hearing.
- (b) On the date fixed for hearing, the First Appellate Authority or Second Appellate Authority, as the case may be, shall, -
 - (i) Hear all the parties to appeal present before him; and
 - (ii) Peruse or inspect documents, relevant records or copies thereof relating to the matter.
- (c) After hearing the parties, perusal or inspection of documents and relevant records or copies thereof relating to the matter, the Appellate Authority concerned shall pass an order in writing and provide the copy of order to the parties to appeal free of cost.
- (d) The order passed under sub-clause (c) above shall also be placed on the State Public Procurement Portal.



Annexure C1: Memorandum of Appeal under the Rajasthan Transparency in Public Procurement Act, 2012

Appeal No of

Before the (First / Second Appellate Authority)

1. Particulars of appellant:

(i) Name of the appellant

(ii) Official address, if any:

(iii) Residential address:

2. Name and address of the respondent

(i)

(ii)

(iii)

Number and date of the order appealed against and name and designation of the officer / authority who passed the order (enclose copy), or a statement of a decision, action or omission of the Procuring Entity in contravention to the provisions of the Act by which the appellant is aggrieved:

4. If the Appellant proposes to be represented by a representative, the name and postal address of the representative:

5. Number of affidavits and documents enclosed with the appeal:

6. Grounds of appeal:

.....
..... (Supported by an affidavit).

7. Prayer

..... Place.....

Date

Appellant's Signature

Annexure D: Additional Conditions of Contract**1. Correction of arithmetical errors (Rule-64 of RTPPR-2013)**

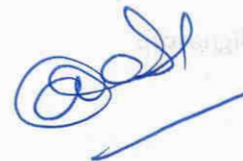
Provided that the Financial Bid is substantially responsive, the Procuring Entity will correct arithmetical errors during evaluation of Financial Bids on the following basis:

- i. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the option of the Procuring Entity there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
- ii. If there is an error in total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- iii. If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subjected to (i) and (ii) above

If the Bidder that submitted the lowest evaluated Bid does not accepted the correction of errors, its Bid shall be disqualified and its Bid Security shall be forfeited or its Bid Securing Declaration shall be executed.

2. Deleted**3. Dividing quantities among more than one Bidder at the time of award (In case of procurement of Goods) (Rule-74 of RTPPR-2013)**

As a general rule all the quantities of the subject matter of procurement shall be procured from the Bidder, whose Bid is accepted. However, when it is considered that the quantity of the subject matter of procurement to be procured is very large and it may not be in the capacity of the Bidder, whose Bid is accepted, to deliver the entire quantity or when it is considered that the subject matter of procurement to be procured is of critical and vital nature, in such cases, the quantity may be divided between the Bidder, whose Bid is accepted and the second lowest Bidder or even more Bidders in that order, in a fair, transparent and equitable manner at the rates of the Bidder, whose Bid is accepted.



Annexure E: INITIAL FILTER CRITERIA OF APPLICANT

[ON COMPANY'S LETTER HEAD (EACH MEMBER IN CASE OF CONSORTIUM)]

Name of the Applicant: _____

S/N	Criteria	Yes	No
1.	Has the Applicant abandoned any work in the last 03 years?		
2.	Has the Bidder contract with any organization ever been terminated due to poor performance?		
3.	Has the Bidder Security Deposit for any contract ever been forfeited by any Govt./ Semi Govt./ PSU/ MRTS/ Corporate houses?		
4.	Has the Applicant been involved in frequent litigations in the last three years?		
5.	Has the Applicant suffered bankruptcy / insolvency in the last three years?		
6.	Has the Applicant been blacklisted by any organization?		
7.	Has any misleading information been given in the application?		
8.	Is the Applicant financially not sound to perform the work?		
9.	Is the Applicant's Net Worth negative?		
10.*	Has the applicant failed to certify that no agent / middleman has been or will be engaged or that any agency or commission has been or will be paid?		
11.*	Do the documents submitted by the applicant reveal that agency commission has been or will be paid?		

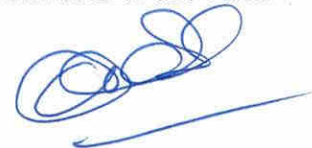
NOTE: -

“YES” answer to any of the questions from 1 to 11 will disqualify the Applicant.

* Blank Pro-forma of the Certificate is there at Annexure-F. The same should be completed and submitted along with the bid submission.

Dated _____

Signature of the Bidder
or his Authorized signatory
with seal of the Firm



Annexure F: CASE OF CONSORTIUM

[ON COMPANY'S LETTER HEAD (EACH MEMBER IN CASE OF CONSORTIUM)]

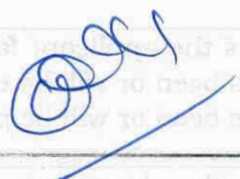
I, Mr./Ms. _____ (Authorized Signatory)* on behalf of _____ (Company's Name) having its registered office at _____, hereby confirm and declare that no agent, middleman or any intermediary has been, or will be engaged by me to provide any services, or any other item or work related to the award and performance 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 bid price will not include any such amount.

(Signature) _____

Name of signatory _____

Capacity of signatory _____

* Should be supported by authorized Power of Attorney in favour of authorized signatory along with their copy of Board Resolution.



Signature of Authorized Signatory of Tender

Annexure G: CERTIFICATE/UNDERTAKING

G1.0 CERTIFICATE/UNDERTAKING

CERTIFICATE/UNDERTAKING

(As per RTPP Act-2012; Section-07 (2) ((a) to (e))

(On Bidder's/Firm's Letter Head)

We certify that our organization: -

- (a) possess the necessary professional, technical, financial and managerial resources and competence required as per the bidding documents, pre-qualification documents or bidder registration documents, as the case may be, issued by the procuring entity;
- (b) have fulfilled his obligation to pay such of the taxes payable to the Central Government or the State Government or any local authority as may be specified in the bidding documents, pre-qualification documents or bidder registration documents;
- (c) not be insolvent, in receivership, bankrupt or being wound up, not have its affairs administered by a court or a judicial officer, not have its business activities suspended and must not be the subject of legal proceedings for any of the foregoing reasons;
- (d) not have, and their directors and officers not have, been convicted of any criminal offence related to their professional conduct or the making of false statements or misrepresentations as to their qualifications to enter into a procurement contract within a period of three years preceding the commencement of the procurement process, or not have been otherwise disqualified pursuant to debarment proceedings;
- (e) Not have a conflict of interest as may be prescribed and specified in the pre-qualification documents, bidder registration documents or bidding documents, which materially affects fair competition.

We undertake that we shall open our office in Jaipur before issue of LOA/NTP.

Date

Signature

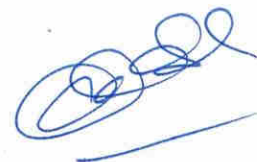
Place

Name

Designation

Seal of Authorized Signatory

Signature of Authorized Signatory with Seal



G2.0 CERTIFICATE/UNDERTAKING :

UNDERTAKING


(As per clause 1.0 (u) Note (b) of NIB)

1. I/we M/s..... hereby submit that presently my/ our firm is not registered with any or all of the authorities as mentioned below: -

S. No	Registration For	Registered or Not registered
(a)	GST Registration	
(b)	Employees Provident Fund	
(c)	Employee State Insurance	
(d)	Contract Labor License under contract Labor Regulation and Abolition Act 1970	

2. I hereby undertake that within 15 days of issuance of LOA by JMRC, we shall get registered with the authorities concerned for above mentioned registrations please.

Signature of Authorized Signatory with Seal



Annexure X: CERTIFICATE BY CONTRACTOR ON ACCOUNT OF WORK EXECUTED FOR BILL

Name of Work:- "Maintenance contract for rectification/replacement of elastomeric bearings and other miscellaneous work on the viaduct of JMRC Phase-1A."

NIB No.99/JMRC/O&S/Civil/Works/2023-24

Dated: _____

Agreement No.:- _____

ON ACCOUNT OF WORK EXECUTED FOR _____ BILL

CERTIFICATE BY CONTRACTOR

1. In compliance of latest provision of the Minimum Wages Act, 1948 and rules made there under in respect of any employee engaged by us, I/We declare that laborer engaged by me/us have been fully paid for. In the event of any outstanding due to be payable to any labor/laborers the corporation is entitled to recover the same from any money due to or occurring to the contractor in consideration payment to such laborer.
2. Certified that all valid insurance policies as per GCC Clause are available.
3. Certified that EPF, Payment of Wages Act, 1948, Workman Compensation Act-1923, contract Labor Act-1938, BOCW Welfare Cess Act 1996 and Factories Act-1948 have been given compliance.
4. Certified that we accept the measurement recorded at site as per Measurement Sheets _MB No-_____ at Page No-_____ enclosed are correct and final under the work order and shall have no claim whatsoever later against the work done so far.

Name of Contractor _____

Full Postal Address: _____

Date: _____

Place: _____

SIGNATURE & STAMP OF THE CONTRACTOR

SCHEDULE-F: - FORMS**FORM A: FORM OF BID****A.1**

- Note: i. The Appendix and forms are part of the Bid
- ii. Bidders are required to fill up all the blank spaces in this Form of Bid and Appendix.

Name of Work: - "Maintenance contract for rectification/replacement of elastomeric bearings and other miscellaneous work on the viaduct of JMRC Phase-1A."

To

Director, Jaipur Metro Rail Corporation Ltd.
Room No-405, 4th Floor, Admin Building,
Depot of Jaipur Metro, Bhriгу Path, Mansarovar, Jaipur-302020

Having visited the site and examined the General Conditions of Contract (Available on JMRC's Website) as well as Special Conditions of Contract, Specifications, Instructions to Bidders, for the execution of above named works, we the undersigned, offer to execute and complete such works and remedy defects therein in conformity with the said Conditions of Contract, Specifications, and Addenda.

1. We acknowledge that the Appendix forms an integral part of the Bid.
2. We undertake, if our Bid is accepted, to commence the works within as per Letter of Acceptance to complete the whole of the Works comprised in the Contract.
3. If our Bid is accepted, we will furnish at our option a Bank Guarantee for Performance as security for the due performance of the Contract. The amount and form of such guarantee or bond will be in accordance with Clause 4.2 of the General Conditions of the Contract and as indicated in the Appendix.
4. We have independently considered the amount shown Clause 8.5 of the General Conditions of Contract as liquidated damages and agree that they represent a fair estimate of the damages likely to be suffered by you in the event of the work not being completed in time.
5. We agree to abide by this Bid for a minimum period of 90 days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiry of that period or any extended period mutually agreed to.
6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
7. We declare that the submission of this Bid confirms that no agent, middleman or any intermediary has been, or will be engaged to provide any services, or any other item of work related to the award and performance of this Contract. We 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 and that the bid price does not include any such amount.

- 8. We acknowledge the right of the Employer, if he finds to the contrary, to declare our Bid to be non-compliant and if the Contract has been awarded to declare the Contract null and void.
- 9. We understand that you are not bound to accept the lowest or any bid you may receive.
- 10. We acknowledge that all appendices of SCHEDULE-I: Appendices is an integral part of the Bid.
- 11. If our Bid is accepted, we understand that we are to be held solely responsible for the due performance of the Contract.

Dated this.....day of..... 202__

Signature

Name..... in the capacity of

Duly authorized to sign Bids for and on behalf of.....

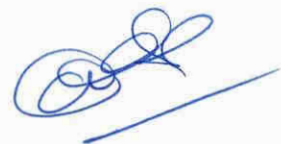
Address

Witness – Signature

Name

Address

Occupation



A2.

S.No	Details	Clause/Section	Condition of Contract
I	Amount of Performance Security	Section 1.5 of SCHEDULE-B: Instructions to Bidders (ITB) of Bid.	10.0% percent of the Contract Price
II	Liquidated Damages	(i) Section 13.3 of SCHEDULE-C: SCC of Bid. (ii) Clause 8.5 of the GCC	As per the directions contained in respective clause/section.
III	Minimum amount of Third-Party Insurance	15.3 of General Conditions of Contract	As per the directions contained in respective clause/section.
IV	Period for commencement of work from the date of issue of work orders	1.0 (c) of Notice Inviting Bid	As per the directions contained in LOA.
V	Contract Period from the date of commencement of work	1.0 (c) of Notice Inviting Bid	365 Days
VI	Penalty for Non completion of work or poor quality or work as decided by the engineer.	Applicable Clauses of General Conditions of Contract (GCC) and Special Conditions of Work (SCC).	As per Applicable Clauses of General Conditions of Contract (GCC) and Special Conditions of Work (SCC).
VI	Penalty for violating the safety norms or for causing any accident or causing any interference in Train operation due to his work		Shall be levied as worked out by the JMRC. In addition to these necessary legal actions can be also taken as per the statutory Rules & Laws applicable.



Signature of authorized

Signatory on behalf of Bidder

Date

Name

Place

Address

FORM B: Certificate Of Conformity/No Deviation {to be filled by the Bidder}

To,
Director
Jaipur Metro Rail Corporation
Room No-405, 4th Floor, Admin Building,
Depot of Jaipur Metro, Bhriгу Path,
Mansarovar, Jaipur-302020

CERTIFICATE

This is to certify that, the specifications of Services / Items which I/ We have mentioned in the Technical bid, and which I/ We shall supply if I/ We am/ are awarded with the work, are in conformity with the minimum specifications of the bidding document and that there are no deviations of any kind from the requirement specifications.

Also, I/ we have thoroughly read the bidding document and by signing this certificate, we hereby submit our token of unconditional acceptance to all the terms & conditions of the bidding document without any deviations.

I/ We also certify that the price I/ we have quoted is inclusive of all the cost factors involved in the end-to-end implementation and execution of the project, to meet the desired Standards set out in the bidding Document.

Thanking you,

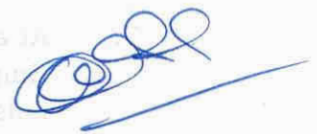
Name of the Bidder: -

Authorized Signatory: -

Seal of the Organization: -

Date: _____

Place: _____



FORM C: FORM OF PERFORMANCE SECURITY (GUARANTEE) BY BANK

*(On stamp Value as per latest Fees Master available at
<https://igrs.rajasthan.gov.in/>)

1. This deed of Guarantee made this day of _____ between Bank of _____ (hereinafter called the "Bank") of the one part, and Jaipur Metro Rail Corporation Limited (hereinafter called "the Employer") of the other part.
2. Whereas Jaipur Metro Rail Corporation limited has awarded the contract for "Maintenance contract for rectification/replacement of elastomeric bearings and other miscellaneous work on the viaduct of JMRC Phase-1A." of JAIPUR METRO RAIL CORPORATION at Jaipur. Contract for -----
-----Rail Corridor of Jaipur Metro Rail Corporation (hereinafter called "the contract") to M/s _____ (Name of the Bidder) _____ (hereinafter called "the Bidder").
3. AND WHEREAS the Bidder is bound by the said Contract to submit to the Employer a Performance Security for a total amount of Rs. _____ (Amount in figures and words).
4. Now we the Undersigned _____ (Name of the Bank) being fully authorized to sign and to incur obligations for and on behalf of and in the name of _____ (Full name of Bank), hereby declare that the said Bank will guarantee the Employer the full amount of Rs. _____ (Amount in figures and Words) as stated above.
5. After the Bidder has signed the aforementioned Contract with the Employer, the Bank is engaged to pay the Employer, any amount up to and inclusive of the aforementioned full amount upon written order from the Employer without assigning any reason. The Bank will deliver the money required by the Employer immediately on demand without delay without reference to the Bidder and without the necessity of a previous notice or of judicial or administrative procedures and without it being necessary to prove to the Bank the liability or damages resulting from any defects or shortcomings or debts of the Bidder. The Bank shall pay to the Employer any money so demanded notwithstanding any dispute/disputes raised by the Bidder in any suit or proceedings pending before any Court, Tribunal or Arbitrator/s relating thereto and the liability under this guarantee shall be absolute and unequivocal.
6. This Guarantee is valid for a period of 60 Days beyond the completion of all contractual obligations.
7. At any time during the period in which this Guarantee is still valid, if the Employer agrees to grant a time extension to the Bidder or if the Bidder fails to complete the Works within the time of completion as stated in the Contract, or fails to discharge himself of the liability or damages or debts as stated under Para 5, above, it is understood that the Bank will extend this Guarantee under the same conditions for the required time on demand by the Employer and at the cost of the Bidder.

- 8. The Guarantee hereinbefore contained shall not be affected by any change in the Constitution of the Bank or of the Bidder.
- 9. The neglect or forbearance of the Employer in enforcement of payment of any moneys, the payment whereof is intended to be hereby secured or the giving of time by the Employer for the payment hereof shall in no way relieve the bank of their liability under this deed.
- 10. The expressions "the Employer", "the Bank" and "the Bidder" hereinbefore used shall include their respective successors and assigns.

In witness whereof I/We of the bank have signed and sealed this guarantee on the _____ day of _____ (Month) 2023-24 being herewith duly authorized.

For and on behalf of
the _____ Bank.

Signature of authorized Bank official

Name:

Designation:

I.D. No.:

Stamp/Seal of the Bank:

Signed, sealed and delivered
for and on behalf of the Bank
by the above named

In the presence of:

Witness 1.

Signature

Name

Address


Witness 2.

Signature

Name

Address

Note: * To be deleted on Final Print



Form D: FORM OF AGREEMENT:

This Agreement is made on the _____ day of _____ 202__ Between Jaipur Metro Rail Corporation Limited, Administrative Building, Depot of Jaipur Metro, Bhriгу Path, Mansarovar, Jaipur-302020 hereinafter called "the Employer" of the one part and _____ (Name and Address of Bidder) _____ hereinafter called "the Bidder" of the other part.

Whereas the Employer is desirous that (** certain Goods and Services should be provided and) certain Works should be executed, viz "**Maintenance contract for rectification/replacement of elastomeric bearings and other miscellaneous work on the viaduct of JMRC Phase-1A.**" of JAIPUR METRO RAIL CORPORATION at Jaipur, hereinafter called "the Works" and has accepted a Bid by the Bidder for the execution and completion of such works (** as well as guarantee of such works) and the remedying of defects therein.

This agreement is signed between Mr. _____ (for and on behalf of the employer) and Mr. _____ (for and on behalf of the contractor)

NOW THIS AGREEMENT WITNESS as follows:

1. In this Agreement words and expression shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:
 - (a) Letter of acceptance.
 - (b) Bill of Quantities.
 - (c) Addendums, if any
 - (d) Bid Document.
 - (e) Form of Bid with Appendix.
 - (f) General Conditions of Contract
 - (g) Other Conditions agreed to and documented as listed below:
 - i. Bidder's Work Schedule as amended if required.
 - ii. Statement of deviations (If applicable)
 - iii. Any other item as applicable.
3. In consideration of the payments to be made by the Employer to the Bidder as hereinafter mentioned, the Bidder hereby covenants with the Employer to execute and complete the works by or extended work/DLP completion date, if any, and remedy any defects therein in conformity in all respects with the provisions of the Contract.
4. The Employer hereby covenants to pay the Bidder in consideration of the execution and completion of the works and the remedying of defects therein, the Contract Price of **Rs_____ being the sum stated in the letter of acceptance subject to such additions thereto or deductions there from as may be made under the provisions of the Contract at the times and in the manner prescribed by the Contract.

5.OBLIGATION OF THE BIDDER

The Bidder shall ensure full compliance with tax laws of India with regard to this contract and shall be solely responsible for the same. The Bidder shall submit copies of acknowledgements evidencing filing of returns every year and shall keep the Employer fully indemnified against liability of tax, interest, penalty etc. of the Bidder in respect thereof, which may arise.

The staff/labour recruited by the Bidder for "Maintenance contract for rectification/replacement of elastomeric bearings and other miscellaneous work on the viaduct of JMRC Phase-1A." of JAIPUR METRO RAIL CORPORATION at Jaipur will be the sole responsibility of the Bidder and JMRC will not be involved in it in any way. The staff / labour so recruited by the Bidder will not have any right whatsoever at any stage to claim employment in JMRC.

6.JURISDICTION OF COURT

The Courts at Jaipur shall have the exclusive jurisdiction to try all disputes arising out of this agreement between the parties.

IN WITNESS WHEREOF the parties hereto have caused their respective Common Seals to be hereunto affixed / (or have hereunto set their respective hands and seals) the day and year first above written.

For and on behalf of the
Bidder

For and on behalf of the
Employer

Signature of the authorized
official

Signature of the authorized
official

Name of the official

Name of the official

Stamp/Seal of the Bidder

Stamp/Seal of the Employer

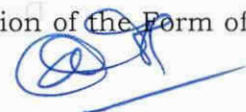
SIGNED, SEALED AND DELIVERED

By the said _____
Name _____
on behalf of the Bidder in the
presence of:
Witness _____
Name _____
Address _____

By the said _____
Name _____
on behalf of the Employer
in the presence of:
Witness _____
Name _____
Address _____

Note :

- * To be made out by the Employer at the time of finalization of the Form of Agreement.
- ** Blanks to be filled by the Employer at the time of finalization of the Form of Agreement.
- *** to be deleted if not applicable



FORM E : GENERAL INFORMATION

GENERAL INFORMATION

Notes:

Attach an attested photocopy of Certificate of Registration and ownership as well as of Constitution and legal status.

I. *In case of Joint Venture / Consortium, attach an attested photocopy of Agreement indicating inter alia distribution of responsibilities among the members / constituents.*

1 Bidder Company details (in case of consortium, details of Lead Partner)

- (a) Name of Bidder Company:
- (b) Address of the corporate headquarters and its branch office(s), if any, in India:
- (c) Date of incorporation and/ or commencement of business:

2 Particulars of the Authorised Signatory of the Applicant:

- (a) Name:
- (b) Designation:
- (c) Address:
- (d) Phone Number:
- (e) Fax Number:

3 PAN Number (Attach photocopy):

4 GST Registration No. (attach copy of the registration certificate):

5 In the case of a consortium:

a. Names of participating members / constituents

- (a)
- (b)
- (c)

b. Address, telephone, Tele-fax and email of each members / constituent.

	Registered Office	Office for correspondence
(a)	_____	_____
(b)	_____	_____
(c)	_____	_____

c. Distribution of responsibilities among partners / constituents. (Among other details, specify the sub-items of works for which each of the partners / constituents would be responsible).

d. Date and place of joint Venture/ Consortium Agreement.

FORM F: Bidder Details: (as per Section 5.0 of of SCHEDULE-C: SCC of Bid)

1. Postal Address:

Line-1:	
Line-2:	
District/City:	State:
Pin Code:	Tele/Fax:
Mobile No.:	

2. Email-Mail Address:

--

3. BANK DETAILS FOR E-PAYMENT

Beneficiary name :

Beneficiary Address :

Line-1:	
Line-2:	
District/City:	State:
Pin Code:	Tele/Fax:
Mobile alert:	

Bank Details:

Bank Name:	
Branch Name and Address:	
Beneficiary A/C No.	Beneficiary A/C Type (Saving/Current):
Beneficiary A/c Name:	
Nine - Digit branch MICR Code:	
IFSC Code of the branch:	

Note: - Bidders may also enclose self-certified copy of cancelled cheque in name of bidding firm.

FORM G: POWER OF ATTORNEY FOR SIGNING THE BID

POWER OF ATTORNEY FOR SIGNING THE BID

Know all men by these presents, we..... (name of the firm and address of the registered office) do here by irrevocably constitute, nominate, appoint and authorize Mr./Ms.(name)..... Son/daughter/wife of..... and presently residing at....., who is presently employed with us and holding the position of.....as our true and lawful attorney (hereinafter referred to as the "Attorney") to do in our name and on our behalf, all such acts, deeds and things as are necessary or required in connection with or incidental to submission of our **NIB No.: 99/JMRC/O&S/Civil/Works/2023-24** for qualification and submission of our Bid for the works "**Maintenance contract for rectification/replacement of elastomeric bearings and other miscellaneous work on the viaduct of JMRC Phase-1A.**", including but not limited to signing and submission of all Bids, bids and other documents and writings, and other conferences and providing information/ responses to JMRC, representing us in all matters before JMRC, signing and execution of all contracts including the Contract and undertakings consequent to acceptance of our bids, and generally dealing with the JMRC in all matters in connection with or relating to or arising out of our Bid for the said Projects and/or upon award thereof thousand /or till the entering into of the Contracts with JMRC.

AND we hereby agree to ratify and confirm and do hereby ratify and confirm all acts, deeds and things lawfully done or caused to be done by our said Attorney pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by our said Attorney in exercise of the powers hereby conferred shall and shall always be deemed to have been done us. IN WITNESS WHEREOF WE,THE ABOVE-NAMED PRINCIPAL HAVE EXECUTED THIS POWER OF ATTORNEY ON THISDAY OF.....,202___.

For (Signature)

(Name, Title and Address) Witnesses:

Accepted

.....Signature)

(Name, Title and Address of the Attorney)

(Notarized)

Notes:

The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executants and when it is so required, the same should be under common seal affixed in accordance with the required procedure. Also, wherever required, the Applicant should submit for verification the extract of the charter documents and documents such as a resolution/power of attorney in favors of the person executing this Power of Attorney for the delegation of power hereunder on behalf of the Applicant.

Form-H: INDEMNITY

INDEMNITY

(To be filled by Bidder)

I on behalf of M/shereby agree and undertake that I have understood all the safety rules and procedures and all staff working on behalf of M/swill abide by all safety rules and procedures. I declare that I M/s will be responsible for any safety violation/accident etc. and JMRC will not be responsible in case of any accident and will not compensate financially or otherwise. I M/s.....declare that all the claim raised by staff deputed by me, shall be borne by me only.

I hereby declare that I am sole responsible on behalf of M/s..... for giving such declaration.

Name of Indemnifier

Signature of Indemnifier

Stamp/seal of the Indemnifier/Bidder

INDEMNITY

(To be filled by Bidder staff individually)

I hereby agree and undertake that I have understood all the safety rules and procedures and I will abide by all safety rules and procedures. I declare that I will be responsible for any safety violations/accident etc. and JMRC will not be responsible in case of any accident/incident and will not compensate financially or otherwise. I shall not raise any claim against JMRC.

.....
Name of Indemnifier

.....
Signature of Indemnifier

.....
NAME OF BIDDER

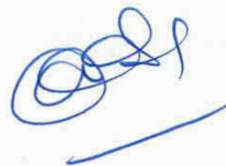
.....
SIGNATURE OF BIDDER

Form-I: Obligation/Compliance to be ensured by Bidder

S.No.	Items	Compliance of Bidder (To be filled by Bidder)	
		Yes	No
1	License for employing contract labour		
2	Compliance of minimum wages Act by payment of wage on 7 th of every month through Bank or in the presence of nominated representative of employer (JMRC Supervisor/manager)		
3 (a)	Compliance of provision of ESI & EPF.		
3 (b)	Ensure treatment in ESI hospital in case of accident/injuries suffered in performance of work and compensation under ESI Act.		
4	In case of accident occurs then, send Accident report to Regional Labour Commissioner (RLC) & ESI authorities.		
5	Observance of working hours, weekly rest and overtime payments as per minimum wages Act-1948.		
6	Other statutory requirement pertaining to this bid.		

Note: - "If any section is filled with 'No' and is determined by the procuring entity to be related to the scope of work, the procuring entity may, at its discretion, declare the bidder non-eligible for further participation in the bidding process."

Signature with seal of Bidder/Proprietor



Form- J: STAFFING SCHEDULES AND ORGANISATION CHART

STAFFING SCHEDULES AND ORGANISATION CHART

(as per clause C12 of ITT)

1. We hereby confirm to deploy the minimum manpower as per Appendix-03 of SCHEDULE-I: Appendices and with prescribe qualifications and experiences as detailed in Appendix-04 of SCHEDULE-I: Appendices.
2. We also confirm to deploy manpower required as per clause of any part of bid documents as per terms and conditions mentioned in respectively clause.

**SIGNATURE OF AUTHORIZED SIGNATORY ON
BEHALF OF TENDERER**

The Tenderer shall provide a complete Staffing Schedule and Organisation Chart he proposes for the work which has to satisfy the requirement of item 1 & 2 above.

Stamp & Signature of Tenderer

Seal & Signature of Authorized

Signature of the Tenderer

Form-K : RESOURCES PROPOSED FOR THE O&M- PLANTS & EQUIPMENT

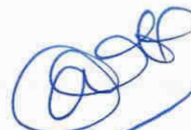
(as per clause 39 of special condition of contract)

1. We hereby confirm to deploy the minimum resources as per mentioned minimum requirement in Appendix-06 of SCHEDULE-I: Appendices.
2. We also confirm to deploy plants & equipments over and above the minimum numbers indicated as per Appendix-06, if the work requires so.
3. We further confirm that we shall only mobilize "Truck Transmission type" Pick and Carry Hydra Crane – 2nd Generation models, wherever Hydra Cranes will be required.
4. We confirm that the age of the following Construction Plant & Machinery has been restricted by JMRC as given below. If any of these machinery is used by us at the site, the machinery shall abide by the following age restrictions:

S.No	Construction Plant & Machinery	Maximum Permissible Age
1	Mobile Crawler Cranes	15 years
2	Deleted	
3	Mobile Tyre Mounted Hydraulic Cranes	10 years
4	Deleted	
5	All other plant and machinery like transit mixers, trailers, Dumpers, Boom Placer, Excavators, Pressure vessel including Air Compressors, Diesel Generator Sets, and locomotives etc.	10 years

Seal & Signature of Authorized

Signatory of the Tenderer



The Tenderer shall provide complete details of Resource Plants & Equipments he proposes for the work which has to satisfy the requirement of item 1, 2 & 3 above.

SCHEDULE G: - PRICE BID/FINANCIAL BID

1. The bidders have to take utmost care that the Financial Bid is to be submitted separately in Second Part of Bid i.e Financial Bid on E-Proc website only. If any details of Financial Bid whether intentionally/unintentionally/ by mistake are mentioned in First Part i.e Technical Bid by the bidder; then its bid shall not be considered by JMRC. No correspondence in such matter shall be entertained by JMRC.
2. However, the illustrative BoQ Sample has been enclosed herewith as Appendix-02.

(ii) Bidder shall submit a copy of Bid Form, Bid Processing Fee & Bid Security along with Bank Copy of the same signed and stamped (Technical Bid Documents (First Part) as uploaded on E-Proc website may also be submitted at the office of JMRC, before the due date of submission as per Clause 1.1 (b) of MB Document.

(iii) Bidder shall have to take utmost care that the Financial Bid is to be submitted separately in Second Part of Bid i.e Financial Bid on E-Proc website only. If any details of Financial Bid whether intentionally/unintentionally/ by mistake are mentioned in First Part i.e Technical Bid by the bidder; then its bid shall not be considered by JMRC. No correspondence in such matter shall be entertained by JMRC.




SCHEDULE-H: CHECKLIST FOR BID EVALUATION/BID SUBMISSION

S/N	Item	Bid Stipulations (if any)	Submission/ Compliance Requirement	Remarks
1.0	Details of (i) Cost of Bid Form/Document (ii) Bid Security/EMD (iii) E-Bid Processing Fee			
1.1	Bid Document Cost in the form of DD/BC.	1.0 (h, j, k) of the NIB		
1.2	Name of Issuing Bank and Branch			
1.3	DD/BC No.			
1.4	DD/BC Date			
1.5	Value of DD/BC			
2.0	TECHNICAL SUITABILITY: - Eligibility and Qualification of Bidder: -			
2.1	Bid is from a Company: Firm registration certificate in Govt. departments for Civil Works.	Clause 1.0 (t) of (NIB)		
2.2	Whether registration with GST is enclosed by Bidder.	Clause 1.0 (t) of (NIB)		
2.3	Complete Bid Document, NIB, ITB, SCC etc.	Complete Bid Document. (Clause 1.1.1 of ITB)		
2.4	Various Annexure (s) under Schedule-E	As per Bid Document-SCHEDULE -E		
2.5	Various Forms under Schedule-F	As per Bid Document-SCHEDULE-F		
3.0	PRICE BID: Whether Online Commercial Bid/BOQ submitted by the bidder.	SCHEDULE-G		
4.0	Check List of submitted documents in Technical and Financial Bid.	Schedule-H		

Note: -

- (i) Original Copy of DD/BC for Cost of Bid Form, E-bid Processing Fee & Bid Security along with Hard Copy of the same signed and stamped Technical Bid Documents (First Part) as uploaded on E-Proc website may also be submitted at the office of JMRCL before the due date of submission as per Clause-1.0 (l) of NIB Document.
- (ii) The bidders have to take utmost care that the Financial Bid is to be submitted separately in Second Part of Bid i.e Financial Bid on E-Proc website only. If any details of Financial Bid whether intentionally/ unintentionally/ by mistake are mentioned in First Part i.e Technical Bid by the bidder; then its bid shall not be considered by JMRC. No correspondence in such matter shall be entertained by JMRC.



SCHEDULE-I: Appendices

Appendix No.	Particulars	Page No.	
		From	To
Appendix-01	Approved Manufacturers List/Suppliers List	01	11
Appendix-02	Illustrative BoQ Sample	01	03
Appendix-03	Resources Proposed for the Project – Personnel	01	01
Appendix-04	Minimum Organization Structure Required	01	01
Appendix-05	Minimum Plants and equipment required	01	01
Appendix-06	Employer's Requirements/ Scope Of Works	01	03

****Note: ****

All appendices listed above are integral parts of the bid document. Bidders are advised to thoroughly review and understand the content presented in these appendices as it may be directly contributing to the bid requirements and evaluation process.



NIR No. JP/EW/1B/C1/Work/2017/34
SCHEDULE I - Appendix

Section 6 - Employer's Requirements - Vol. 1

6-100

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EMPLOYER'S REQUIREMENTS	
APPENDIX 10	
APPROVED MANUFACTURERS/SUPPLIERS LIST	
01	
01	
01	
01	
01	
01	

All bidders must ensure an latest date of the bid document. Bidders must ensure a thoroughly review and understand the content presented in this document and may be directly contacting to the bid recipient's and website address.



ICB No. JP/EW/1B/C1: Design and Construction of Tunnel between Chandpole and Badi Chouper and reversal line by Shield TBM, Underground Metro Stations at Choti Chouper and Badi Chouper by Cut & Cover Method on East-West Corridor of Jaipur Metro (Phase 1B) at Jaipur, Rajasthan, India

(Handwritten signature)

**EMPLOYER'S REQUIREMENTS-
APPROVED MANUFACTURERS/SUPPLIERS**

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All materials and products shall conform to the relevant standard specification, BIS codes and other relevant codes etc and shall be of make as approved by Engineer.

The list of approved makes for products and materials is given below. Other equivalent manufacturers may also be considered with prior approval of the Engineer, if found conforming to all standards. Such requests should be made with all documents to the Engineer at least 45 days before the material is required and any order shall be placed only after receiving the written approval of the Engineer.

S.No.	Details of Materials / Products	Manufacturer's Name
1	Cement	ACC, Ultratech, Gujarat, Ambuja, Grasim, JK Lakshmi.
2	Reinforcement Bars	SAIL Plants, Rashtriya Ispat Nigam Ltd. (Vizag Steel Plant, Andhra Pradesh), Tata Steel (Jharkhand), Ispat Industries (Maharashtra), JSW Steel (Karnataka), JSP, Essar Steel (Gujarat), Shyam Steel (Durgapur) and any other integrated steel plant as per Ministry of Steel's definition.
3	Epoxy	FOSROC, SIKKA QUALCRETE, Arakrite, BASF, Kunal Conchem, SWC, Don Chemicals, STP, Cleantech SA, TAM, CICO
4	Expansion Joints	Prequalified Manufacturers as per RDSO's latest approved list or as approved by DMRC.
5	Admixtures	FOSROC, MBT, MC Bauchemie, Sika, APEX, Fidite, Polygon, SWC, Choksey, STP, MYK, Schomburg, BASF, MAPEI, K and Conchem, Durabuild, Conproof, CACH & R Johnson, Asian Lab., TAM, Adoadditives, STP, CICO, Fairmate
6	Pile Integrity Testing Agency	CBRI, FUGRO-KND, Pile Dynamic, AIMIL, Geo dynamic, CEG Test House
7	Anchor Fastener	HILTI, FISHER, Canon, Pooja Forge, AXEL Industries, Panchsteel, Pioneer Nuts and Bolts (TUFF Brand), BOUN Group
8	Structural Steel	TATA, SAIL, ESSAR, Maharashtra Pipes, Jindal Steel & Power Ltd, JSW
9	Stainless Steel	Jindal, SAIL or equivalent
10	Pre-stressing Strand (LRPC)	TATA SSL Ltd, USHA Martin, (DP wires, Ramsarup Nirman only if first two supplies are short)
11	Welding Electrodes	ESAB, Advani - Orlikon Weld Alloy, Modi, ArcWeld Excel India, GEE, Honavar, KM, Crown Welding Consumables, Sch weissle etc, Dwekam Electrodes, L&T Eutectic, Victor
12	Pot/Elastomeric Bearings	Prequalified Manufacturers as per RDSO's latest approved list or as approved by DMRC.

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	Horizontal Tie Bars/Shear Bars	BB Bars System, BBV Systems or equivalent
14	HDPE Sheathing	Rex Polyextrusion, Gwalior Polypipes Ltd, Kataria Sheathing, M/s Tirupati, M/s Dynamic Prestress
15	Formwork Release Agent	FOSROC, MBT, MC Baucheme, Ado Conmat, CICO, SWC, Choksey, BASF, Adoadditives, STP
16	Prestressing System	Freyssinet, BBR, VSL, Dynamic, Killick Nixon, Tensacciai (India Ltd.), JK Prestressing, Usha Martin, Posten, VSIL
17	Reinforcement Couplers	Dextra, Moment or equivalent
18	Hollow Sections, Pipes	Surya Pipes, H-Tech Pipes, JSW, JSPL, Bihar, Ravindra Tubes
19	Drainage Pipes	Tirupati Plastomatics, Duraline, REX, STIPL
20	Acrylic Textured Coatings	Spectrum, Renova, Walz, Surfa Nova, Jotun, Asian Paints
21	Non shrink Grout	Fosroc Chemical (India), Sika BASF, ELICHEM, MBT, Sika, SWC, Don, Choksey, Cleantech IR, Adoadditives, TAM, STP, CICO
22	Bonding Coat	CICO, FOSROC, Sunanda speciality coating Pvt. Ltd., BASF, SWC, TAM
23	Polysulphide Sealant	CICO, Pidilite, BASF, FOSROC, SWC, STP, Sika, Fairmate
24	Steel Structural Fasteners	Pooja Forge, Sundram Fasteners, Unbrako, Nelson, Panchsheel
25	Paints	Berger, Johnson Nicholson, Nerolac, Asian, Akzo Nobel, PPG, Jotun
26	Micro Silica	Sika, Elkem, FOSROC, MAPEI, Corniche, Star Silica, TAM, CALPAR, CICO
27	Fire Resistant Paints	Akzo Noble, PPG or equivalent, Jotun
28	External Acrylic Emulsion	Berger, Apex, Asian, Nerolac, Jenson & Nickson
29	Integral Crystalline Waterproofing Method	Krytox Buildmat Co. (Pvt) Ltd., Penetron, Vandex International Ltd., BASF, Chryso, XYPEX
30	Water stopper/Bar	Kanta Rubber, Greenstreak, Maruti, Duron
31	Liquid polymer membrane waterproofing	INTEGRITANK, BASF, MAPEI, PIDILITE, DAVCO, CICO
32	Curing Compound	Clean tech concure, SINAK, FOSROC, Adoadditives, TAM, STP, SWC, CICO
33	Polycarbonate Sheets	M/s Galina Acropolis, Coxwell, Poly U, Fabric, SABIC, DANPALON
34	Fly Ash	Thermal Plants, Ashcrete, Ultra Pozz, Star Pozz (the Fly Ash shall be as per our specifications)

19/5

RAJAN KATARIA
 Chief Engineer (Construction)
 Delhi Metro Rail Corporation Ltd.
 Metro Bhawan, Fire Brigade Lane
 Connaught Place, New Delhi (110001)



(Handwritten signature)

Tender Key file

6-103

AM/T

12/3
000375

6-9

DMRC/12/CA/187/032

11th March' 2013

NOTE

Subject:- Revised Approved Vendor List.

Please find attached herewith the Revised Vendor list Approved by the competent authority for your reference/ record.

Encl. As Above.

Tripta
(Tripta Khurana)
CGM/ Arch.

CE/Tender Dy/CE/Tender Per the new tender.

CPM-1

S
11/3

CPM-2

CPM-3

CPM-4

CPM-5

CPM-6

CPM-7

CPM-8



Signature

ANNEXURE: C
DATE: 07.03.2013

6-164

000376

Finishing works Vendor List			
S. No.	Work Category	Items/ Products	Approved Manufacturers/ Vendors
1	FLOORING	VITRIFIED TILES	Kajaria H&R Johnson (India) Naveen Somany Orient R.K. Ceramics Restile Ceramics Limited Asian Granito India Ltd. Oasis (Marbomax Group) Euro Tiles Oracle Granite Limited ('Marbito' Vitrified Tiles) Nitco
		CERAMIC TILES/ PORCELAIN TILES	Kajaria Bef Ceramics H&R Johnson (India) Nitco Regency Ceramics Ltd. Somany Orient Kenzai Ceramic Raja Tiles Midul Enterprises Italia Euro Tiles Hindustan Tiles
		TERRAZZO TILES	Nitco Hindustan Tiles
		TACTILE	Pelican Ceramic Industries Pvt. Limited UniStone Products (India) Pvt. Ltd Nimco Prefab Ltd.
		PVC Floors	Armstrong World Industries (India) Pvt. Ltd. Gerflor India Tarkett VeeKay Polycoats Limited
		RAISED FLOORS	Hewetson/ Kingspan Access Floors United Access Floors/ United Insulation Unifair Unifloor Acons
		WOODEN FLOORS	Armstrong World Industries (India) Pvt. Ltd. Action Tessa (Action Buildwell) Pergo
		PU COATED FLOORS	Cipry Polyurethanes H.C. Associates Pidilite Shalimar Paints Sika
		GRO PAVING TILES	Unistone Nimco Prefab Hindustan Tiles.
		PAVERS & CHEQUERED TILES	UniStone Products (India) Pvt. Ltd CCC Builders Merchant Delhi Pvt. Ltd. Nimco Prefab Hindustan Tiles Terra Firma (Now TERRA FIRMA GRC & CONCRETE INDUSTRIES) Nitco Hindustan Tiles Ultra Tiles Oracle Granite Limited ('Marbito' Vitrified Tiles)



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Appendix-01

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000377

S. No.	Work Category	Items/ Products	Approved Manufacturers/ Vendors
2	FINISHING	MOSAIC TILES	Bisazza (Glass Mosaic Tiles)
			Mridul Enterprises
			Itafa
			Kenzai
			Opio
		EMULSION PAINTS	Eon Ceramics
			ICI Dulux
			Modi Industries
			Acro Paints
			Asian
			Berger
			Nerolac
			Jenson & Nicholson
			Kamdhenu Paints
			Shalimar Paints
		SYNTHETIC ENAMELS	Sherwin Williams Paints
			ICI Dulux
			Acro Paints
			Asian
			Berger
			Nerolac
			Jenson & Nicholson
		TEXTURE PAINTS	Kamdhenu Paints
			Shalimar Paints
			Sherwin Williams Paints
			Spectrum
			Unitile
Bsk elite Hytam (Surface Texture Division)- "Heritage" Paints			
Textin Products (M/s M&O)			
Acro Paints			
Birta			
ICI Dulux			
POLYURETHANE PAINTS	NCL ALTEK		
	Kamdhenu Paints		
	Bizzar		
	Sherwin Williams Paints		
WALL CARE PUTTY	MRF paints		
	Nerolac		
	H.C. Associates		
GLASS (Float / Toughened)	Modi Industries Ltd. (Paint Section)		
	JJK, White		
	Unistone		
	Birta (Aditya Birta Group)		
	Shalimar Paints		
STRUCTURAL GLAZING FABRICATORS	Gyproc wall Putty (Saint Gobain)		
	PERMASTEELISA (INDIA) PRIVATE LIMITED		
	Albit (INDIA) PVT. Ltd.		
	SP fabricators pvt. Ltd		
	Alpro India		
	Ashoo Decore (India) Pvt. Ltd.		
	Innovators		
Fa çade India Testing Inc.			



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S. No.	Work Category	Items/ Products	Approved Manufacturers/ Vendors	
3	CLADDING	ALUMINIUM COMPOSITE PANEL	AlucoBond	
			Reynobond (Marketed through Kawneer India; Stockists HECTAFINE CONSTECH INDIA PVT. LTD.)	
			ALPOLIC (A Mitsubishi product)	
			Alstrong	
			Alex Panels	
			ALSTONE INTERNATIONAL	
			Aludecor Lamination Pvt. Ltd.	
			Alupan Composite Panels Pvt. Ltd.	
			GRC PRODUCTS (GRC Screen, Panels etc.)	UniStone Products (India) Pvt. Ltd. Hindustan TERRA FIRMA GRC & CONCRETE Industries
			WAX PLASTER	Unifite Oikos India Pvt. Ltd. Acro Paints
4	CEILING	GYPSOARD CEILING	Gyproc (Saint Gobain) Lafarge Boral Gypsum India Pvt. Ltd.	
			Promat Hilux Accon Pan Aerofite	
		CALCIUM SILICATE BOARD	Hunter Douglas	
			Armstrong Durium Fameline Canon Ceiling System	
		SS, MS/GI POWDER COATED CEILING	Hunter Douglas	
			Armstrong Durium	
		ALUMINIUM CEILING	Picofite Araldite (Huntsman Advanced Materials) Toyo Ferrous Crete (P) Ltd. Somany Fly Grout MYK Laficrete Mapei Unistone Ultimate Tile Adhesive Bal Adhesives and Grouts "Roff Rainbow Tile mate" of Roff Construction Chemicals Pvt. Ltd. Winstil 20/ malibu-tech Silicon Sealant of GE Bayer Silicone "Zentrival FM" of MC-Bauchemie (India) Pvt. Ltd. MYK Laficrete Toyo Ferrous Crete(P) Ltd. Mapei Unistone Super Grout	
			Picofite STP Limited Sika CICO BASF FOSROC SWC	
		ADHESIVES, FILLERS & SEALANTS	ADHESIVES FOR TILES	GE Bayer Silicones Dow Corning Sika McCoy Soudal
				POLY SULPHIDE SEALANTS
ADHESIVES, FILLERS & SEALANTS	TILE JOINT FILLER	SILICONE SEALANTS		



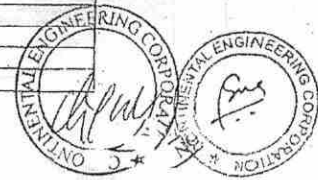


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S. No	Work Category	Items/ Products	Approved Manufacturers/ Vendors				
		SILICON WATER REPELLANT SOLUTION	GE Bayer Silicones Metroark STP Limited MC Bauchemie Choksey Chemicals				
		POLYURETHANE SEALANTS	3M SIKA McCoy Soudal				
6	JOINERY/ WOODWORK PRODUCTS	PLYWOOD	Duroply- Sharda Ply wood Industries Century Ply Kiply Green Ply wood Virgo Lam (M/s Virgo Industries -> Virgo Plywoods Ltd.) Swastik Plyboard Ltd. (Swati Plyboard) Merino				
			BLOCKBOARD	Duroply- Sharda Ply wood Industries Century Ply Kiply Green Ply wood Virgo Lam (M/s Virgo Industries -> Virgo Boards Ltd.) Merino			
				LAMINATE	Decolan / Decolite (A Bakelite Hylam Product) Formica Corporation Sundek International Decorative laminates BAKELITE HYLAM LTD Greenlam Asia Pacific Pte Ltd Merino Virgo Lam (M/s Virgo Industries)		
					PRE-LAMINATED PARTICLE BOARD	Novopan (GVK Group) Ecoboard Action Tusa (Action Buildwell) Bhutan Board	
						FLUSH DOORS	Kanchan Ply Swastik Ply Kuliy's Diamond Flush Doors / Star Metal Forms p. Ltd Raa Veela Alpro Panels
							COMPACT LAMINATED DOORS
		PRESSED STEEL DOOR FRAMES					
			FIRE DOORS	Godrej & Boyce Manufacturing Company Limited RADIANT FIRE PROTECTION ENGINEERS PVT. LTD. NAVAIR INTERNATIONAL LTD. Sehgal & Sehgal ShaktiMet			
		7	PLUMBING	SANITARYWARE	Hindware Cera Roca Parryware Euro Somany		



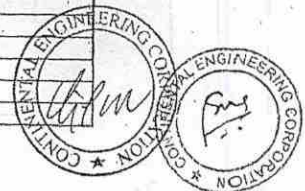
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S. No.	Work Category	Items/ Products	Approved Manufacturers/ Vendors
8	HARDWARES	SANITARY & BATH FITTINGS	Mayur/Othelo
			Jaguar and Company Pvt. Ltd.
			Kohler
			Kelston (Plastocraft Sanitary India Pvt Ltd)
			Laurel
		FRAMELESS GLASS PARTITION FIXTURES	Marc
			Dorme
			Hafele
			Dorset
			Dline
		SPICER FITTINGS/ PATCH FITTINGS	Insta Hardware
			Hardwyn
			Ozone
			Kich
			D'unex
ANCHOR FASTENERS	Tuline		
	Hilti India Pvt. Ltd.		
	BOSCH FISCHER		
	Canon Fasteners		
	Axel		
STONE CLADDING CLAMPS	Boun Group		
	Hilti India Pvt. Ltd.		
	BOSCH FISCHER		
	Canon Fasteners		
	BOUN Group		
DOOR HARDWARE	Dorma		
	Hafele		
	Dorset		
	Dline		
	Hardwyn		
9	PIPES & FITTINGS	DRAINAGE PIPES	Ozone
			Hettich India Pvt Ltd
			Tirupati Plastomatics
		DUCTILE IRON PIPES	Duraline
			Rex
			Electro Steel
		CAST IRON (L.A.) S/S PIPES & FITTINGS (IS:1536)	Jindal (Hissar)
			Kesoram
			KOPL
		GI & M S P IPES (IS:1239 PART I & II, IS:3589)	NECCO
			HEPCO
			At (Hissar)
		FITTING - M ALLEABLE (S 1879 PART I & II)	Surya
			Swastik
			Prakash
UPVC PIPES & FITTINGS (IS:4985-1981)	Zoloto		
	Uretek		
	R		
CPVC PIPES & FITTINGS	KS		
	LDI		
	Prince		
STONEWARE PIPES & GULLY TRAPS (IS:551)	Supreme		
	Jindal Plast (India)		
	Flowguard - Astral		
			Ajay
			Ashirwad
			Perfect
			Anand
			R.K.
			Priya

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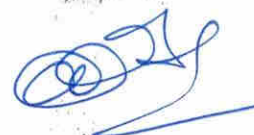
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S. No.	Work Category	Items/ Products	Approved Manufacturers/ Vendors
		RCC PIPES (IS:458)	Pragati Jain Spun Daya Spun Usha
		COPPER PIPES & FITTINGS	Mehla Tubes Rajco Maxflow
		HOPE PIPES & FITTINGS	Gebret Reliance (Hasti) Nosil
		STAINLESS STEEL PIPES	Remit Jyoti Apex Kamdhenu
		PPR PIPES & FITTINGS	Supreme Prince Uro-Alwin
		POLYBUTYLENE (PB) PIPES & FITTINGS	Georg Fischer Flexalen
		10	WATERPROOFING/ REPELLANTS COMPOUND
		INTEGRAL CRYSTALLINE WATERPROOFING METHOD	Kryton Buildmat Penetron Mapei Vandex International Ltd.
11	POWDER COATINGS		Berger Nerocoat Jenson & Nicholson Jatun Radiant Anodisers Pvt.Ltd
12	METALS	ALUMINIUM SECTIONS	Hindustan Aluminium Jindal Aluminium Ltd Bhoruka Bharat Aluminium Company Limited/vedanta BALCO Hindalco
		HOLLOW SECTIONS, PIPES	Surya Pipes Hi-Tech pipes JSW JSPL Bihar (Bihar Tubes Ltd)
		M.S. TUBES/ SECTIONS	Tata Metal Udyod Metal NSL Limited Bihar Tube Ltd Swastik Pipes Ltd JSW ISPAT Rana
		SS WORKS	Dharam Industries (FABRINOX) Ozone Jindal Stainless (JSL)

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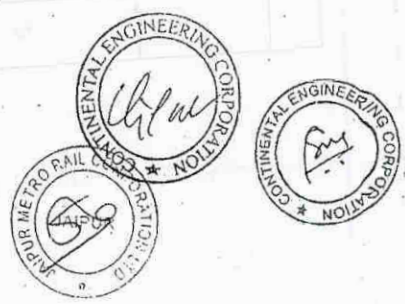
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S. No.	Work Category	Items/Products	Approved Manufacturers/ Vendors
13	ROOFING/SHEETING	ROOFING SHEETS	Roofit (Fibre Glass Roofing, Metal Roofing, galvalume Sheets) Wonder Sheets (3 layer uPVC - "Wonder Sheets-Pro") Lloyd Insulations India Limited
		METAL ROOFS	"TRACDEK" Interarch Building Products Pvt. Ltd. (Metal Roofing Sheet) TATA Bluescope (Metal coated and Pre-painted Sheets - "Zincalume", "Colorbond")
		POLYCARBONATE SHEETS	"Lexan" (SABIC Innovative Plastics) Danpalon
		TENSILE FABRIC	Ferrari Mehler

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Item Rate BoQ

Validate Print Help

Tender Inviting Authority: Director (O&S), Jaipur Metro Rail Corporation Ltd.

Name of Work: Maintenance contract for rectification/replacement of elastomeric bearings and other miscellaneous work on the viaduct of JMRC Phase-1A.

Contract No: 99/JMRC/O&S/Civil/Track/2023-24

Name of the Bidder/ Bidding Firm / Company :

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate Inclusive All Taxes in Rs. P	BASIC RATE Inclusive All Taxes In Figures To be entered by the Bidder In Rs. P	TOTAL AMOUNT Inclusive All Taxes In Rs. P	TOTAL AMOUNT In Words						
1	2	4	5	6	13	53	55						
0	Schedule 'A' NBSR Items												
1	Replacing/Refixing defective elastomeric bearings including arrangement for lifting and lowering the span by providing and operating suitable hydraulic jacks of minimum capacity 200T with check nut, tilting saddle and hydraulic power pack (as approved by JMRC), cleaning of pier caps, dismantling and disposing of existing grout below/above the bearing with all leads and lifts, jacking/roughening of pedestal top, chipping of concrete as per the methodology approved by JMRC. The bearings shall be placed over M.S. stool/ plate, to be placed/ positioned on the pedestal and a straight/tapered plate shall be placed between the soffit of girder and bearing as per site condition (cost of tapered plate shall be paid separately). Fixing the straight/tapered plate to the soffit of girder by Chnbextra EP-75 or equivalent and applying epoxy mortar (Nitomolar 30 or equivalent) of approved brand in the gap between M.S. stool and top of pedestals are included in the scope of this item. The rates include all other items i/c tools, water, electricity, safety net all around etc. complete in all respect as per the direction of engineer in charge. The entire work shall be executed within the framework of overall bearing and repair methodology or any modification as directed by engineer in charge. The rates also include the cost of providing diesel operated sky lift of required boom length for the bearing replacement work to be undertaken. The sky lift shall be provided at site till the completion of bearing replacement work and no fixed hours are specified. The safety and security of all equipments/machinery/material shall lie with agency. (NOTE: THE PAYMENT UNDER THIS ITEM SHALL COVER LIFTING OF ONE END OF VIADUCT SPAN FOR REREPLACING ONE OR MORE BEARINGS / PEDESTALS/REPAIRING).	70.000	EACH LOCATION	51585.63		0.00	INR Zero Only						
2	Providing machine tapered (with roughened top surface) M.S. plate of specified thickness as per site requirement/gradient of soffit of girder. The plate shall be coated with anti-corrosive epoxy primer & paint of approved brand before placing it above/below bearing. All the dimensions of the tapered plate will be decided through pre-inspection of locations.	500.000	KG	157.54		0.00	INR Zero Only						
3	Castling on bed plate of any shape or thickness by Epoxy EP-75 with reinforcement as per drawing and dimension) from specified manufacturer as directed by JMRC/MORTH vendor list. The supply of ELASTOMERIC bearings shall be accompanied by all relevant test certificates as approved by RDSO and are to be submitted to JMRC for verification before replacement of bearings. The safety and integrity of bearings at site lies solely with the agency and nothing shall be paid extra. Testing of bearings will be done for a Lot of 50 bearings each for which two additional bearings will be supplied free of cost. The dimensions of bearing to be placed shall be directed by engineer in charge.	500.000	KG	631.19		0.00	INR Zero Only						
4		2.851	CUM	780081.72		0.00	INR Zero Only						
5	Providing & placing in position Micro concrete for reinforced pedestal works which shall be cement	75.000	Per bag / 25	500.78		0.00	INR Zero Only						

Appendix-02

NUMBER #	TEXT #	Item Description	NUMBER #	Quantity	TEXT #	Units	NUMBER #	Estimated Rate Inclusive All Taxes in Rs. P	NUMBER #	BASIC RATE Inclusive All Taxes In Figures To be entered by the Bidder in Rs. P	NUMBER #	TOTAL AMOUNT Inclusive All Taxes in Rs. P	NUMBER #	TOTAL AMOUNT In Words	TEXT #
1	2	Supply of one bolt tightening machine (Electric) sets of approved brand i.e FCS Sri Robel or equivalent shall be provided by the contractor to JMRC (Machine Shall be utilised by the contractor during Bearing replacement work and after the work, machine and accessories shall be the property of JMRC and machine shall be handed over by the contractor to JMRC in good working condition). During the contract period machine shall be maintained in proper working condition by the contractor.	4	1.000	5	Each	6	977151.00	13	0.00	53	0.00	55	INR Zero Only	
7		Service charges for Two Bolt Tightening Machines													
8		Opening and tightening of track fittings during bearing replacement work by using bolt tightening machine including operator, skilled, unskilled manpower and consumables for operating the bolt tightening machine for track fittings opening and tightening during bearing replacement per night in JMRC as per the direction of Engineer-in Charge (Each night approximately 08 plinth rail length shall be open & tighten the track fittings)													
				80,000		Per Night		410.96							
				80,000		Per Night		5541.09							
Total in Figures													0.00	INR Zero Only	
Quoted Rate in Words													INR Zero Only		

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Illustrative Purposes Only

Percentage BoQ

Validate Print Help

Tender Inviting Authority: Director (O&S), Jaipur Metro Rail Corporation Ltd.

Name of Work: Maintenance contract for rectification/replacement of elastomeric bearings and other miscellaneous work on the viaduct of JMRC Phase-1A.

Contract No: 99/JMRC/O&S/Civil/Track/2023-24

Name of the Bidder/ Bidding Firm / Company		PRICE SCHEDULE									
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)											
NUMBER #	TEXT #	Item Description	NUMBER #	Quantity	TEXT #	Units	NUMBER	Estimated Rate Inclusive All Taxes in Rs. P	NUMBER #	TOTAL AMOUNT Inclusive All Taxes in Words	TEXT #
1	2	Schedule 'B' RPWD BSR-2022	4	5	53	55					
9		CHAPTER : B-9 STEEL & FENCING WORKS									
9.1		9.1 : Structural steel work in single section fixed with or without connecting plate including cutting, hoisting (height upto 10m), fixing in position and applying a priming coat of approved steel primer all complete.	2500.000	Kg	7200			180000.00		INR One Lakh Eighty Thousand Only	
13		CHAPTER : B-13 REPAIRS TO BUILDING									
13.22		13.22: Providing and fixing double scaffolding system on the exterior side, upto five story made with 4" wooden member 1.5 m c/c horizontal and vertical direction joining with rassi, clamps, challies. The scaffolding system shall be stiffened with bracing, nuner, connection of building if necessary with all essential safety features for the workmen etc complete as per direction of EI. The lavation area of the scaffolding shall be measured for payment. The payment will be made once irrespective of duration of scaffolding. Note : This item to be used for maintenance work judiciously	6147.038	Sqm	162.00			995820.16		INR Nine Lakh Ninety Five Thousand Eight Hundred & Twenty and Paise Sixteen Only	
Total in Figures									1175820.16	INR Eleven Lakh Seventy Five Thousand Eight Hundred & Twenty and Paise Sixteen Only	
Quoted Rate in Figures									0.00	INR Zero Only	
Quoted Rate in Words									INR Zero Only		

[As per clause 38 of SCHEDULE-C: Special Conditions of Contract (SCC)]

RESOURCES PROPOSED FOR THE PROJECT – PERSONNEL

The figures indicated below are the minimum number of project personnel required which are to be deployed as per the minimum level of supervision and qualification/experience of site-staff is given as follows:

S. No.	Designation of Project Personnel	Minimum Requirement
1	Civil Engineer / Site Engineer	1
2	Supervisor	1
3	Surveyor	1
4	Bill Engineer	1

Notes:

1. The contractor shall deploy resources as per the above mentioned minimum requirement and also confirm to deploy manpower over and above the minimum numbers indicated above, if the work requires so.
2. These minimum resources are as per the requirements of the various activities at different stages of works. All resources need not to be mobilised simultaneously, resources as per the requirement of various stages of works shall be mobilised in accordance with the instructions of the Engineer. The decision of the Engineer shall be final and bonding.
3. The performance of project personal deployed will be evaluated periodically by Employer during the contract period. In case the performance of any of the personnel is not satisfactory, the contractor shall replace them with good personnel immediately as per the directions of the Engineer.

Undertaking

1. We confirm to deploy Project Personnel required to achieve progress of work as per approved construction of work program.
2. We confirm to deploy man power requirement of SHE Organization as required under Conditions of contract on Safety and Health for civil works of O&M wing and Conditions of contract on Environment for civil works of O&M for contract value up to Rs.1.0 crore confirm to deploy man power over and above the minimum numbers, if the work requires.

**SIGNATURE OF AUTHORIZED
SIGNATORY
(ON BEHALF OF TENDERER)**

[As per clause 38 of SCHEDULE-C: Special Conditions of Contract (SCC)]**MINIMUM ORGANISATION STRUCTURE REQUIRED**

Minimum level of supervision & qualification/ experience of site staff is as follows:

S. No.	DESIGNATION	QUALIFICATION	EXPERIENCE LEVEL
1.	Civil Engineer /Site Engineer	Graduate/ Diploma in Civil Engineering	Total minimum experience of 03 years for Degree and 8 years for Diploma.
2.	Supervisor	Diploma in Civil Engineering	Total minimum experience of 05 years.
3.	Surveyor	Diploma in ITI / Survey	Minimum 03 Years experience of surveying.
4.	Bill Engineer	Diploma in Civil Engineering	Minimum 03 Years experience of surveying.

SIGNATURE OF AUTHORIZED SIGNATORY
ON BEHALF OF TENDERER

[As per clause 38 of SCHEDULE-C: Special Conditions of Contract (SCC)]

RESOURCES PROPOSED FOR THE PROJECT- PLANTS & EQUIPMENTS

S. No.	DESCRIPTION OF PLANT /EQUIPMENTS	MINIMUM QUANTITY
1	Hydraulic Jacks of required capacity	Minimum 4 Nos.
2	Total station/Auto Level and other leveling instruments	1 Set
3	Torque Wrench	2 Nos.
4	Scaffolding	Providing for minimum 02 piers
5	Generator	02 Nos. (one standby)
6	Safety cones and barricading	As per requirement
7	Welding set	1 No.
8	Paint spraying machine	2 Nos.
9	Ladder of required height	As per requirement
10	Any other Tools & equipment	As per requirement

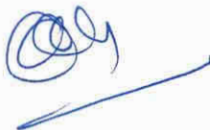
Note:

1. These resources are for peak period of each activity. All plants and equipment need not to be mobilized simultaneously, plants and equipment's as required as per the progress of the work shall be brought at site in advance as directed by the Engineer- in-Charge.

UNDERTAKING:

1. We confirm to deploy resources as per the above-mentioned minimum requirement and also confirm to deploy plants & equipment over and above the minimum numbers indicated above, if the work requires so.
2. Hiring of Cranes shall be as per approved vendors of DMRC's supply of cranes. The enclosed list is not exhaustive and contractors are free to propose and utilize plant and machinery after getting approval from DMRC. Third party certification of cranes, competency certification of the operators etc. would be required before grant of approval.

SIGNATURE OF AUTHORIZED SIGNATORY
ON BEHALF OF TENDERER



[As per clause 39 of SCHEDULE-C: Special Conditions of Contract (SCC)]

SCOPE OF WORKS

The contractor will execute the work i.e. "Maintenance contract for rectification/replacement of elastomeric bearings and other miscellaneous work on the viaduct of JMRC Phase-1A." The contractor shall prepare the drawings/work method statement /bar chart for the approval of the JMRC as per requirement.

1. The above-mentioned work shall be carried out with the contractor's own material & labour as per the specifications& drawings.
2. The Brief scope of work is mentioned in BOQ and as per site requirements. The work under this contract shall consist of, but not limited to, all materials, labour, Equipment, tools, plants and necessary machinery as required to completely execute.

In block hours and following works within the JMRC viaduct Network:

2.1 Replacing/Refixing defective elastomeric bearings including arrangement for lifting and lowering the span by providing and operating suitable hydraulic jacks of minimum capacity 200T with check nut, tilting saddle and hydraulic power pack (as approved by JMRC), cleaning of pier caps, dismantling and disposing of existing grout below/above the bearing with all leads and lifts, hacking/roughening of pedestal top, chipping of concrete as per the methodology approved by JMRC.

2.2 Providing machine tapered (with roughened top surface) M.S plate of specified thickness as per site requirement/gradient of soffit of girder. The plate shall be coated with anti-corrosive epoxy primer & paint of approved brand before placing it above/below bearing.

2.3 The bearings shall be placed over M.S stool/ plate, to be placed/positioned on the pedestal and a straight/tapered plate shall be placed between the soffit of girder and bearing as per site condition.

2.4 Levelling the bed block by Conbextra EP-75 or equivalent and repairing by epoxy mortar (Nitomotar 30 or equivalent) of approved brand in the gap between M.S. stool and top of pedestals as per requirement.

2.5 The entire work shall be executed within the framework of overall bearing and repair methodology or any modification as directed by engineer in charge.

2.6 The scaffolding and sky lift shall be provided at site till the completion of bearing replacement work and no fixed hours are specified.

2.7 Providing at site approved quality ELASTOMERIC bearing (of any dimension) from specified manufacturer as directed by JMRC/MORTH/RDSO vendor list. The supply of ELASTOMERIC bearings shall be accompanied by all relevant test certificates as approved by RDSO and are to be submitted to JMRC for verification before replacement of bearings. The safety and integrity of bearings at site lies solely with the agency and nothing shall be paid extra. Testing of bearings will be done for a Lot of 50 bearings each for which two additional bearings will be supplied free of cost. Testing of bearings shall be done at an NABL approved laboratory and the cost incurred in testing shall be borne

agency/bidder firm/contractor. The dimensions of bearing to be placed shall be directed by engineer in charge.

2.8 Providing & placing in position Micro concrete for reinforced pedestal works which shall be cement based pre packed, single component, Chloride free, Non shrink, Free flow, Self-compacting, ready to use after mixing water in specified proportion obtained from approved manufacturer as per manufacturer's specification and direction of engineer-in-charge.

2.9 Injection grout with Conbextra EP-10 or equivalent in pedestal as per specifications through the fixed NRV as per the direction of Engineer in charge. Conbextra EP-10 of two component high strength epoxy grout including the cost of all material, labour at all heights including providing and fixing of nipple/NRV of required size and removing /repairing nipple complete.

2.10 Providing diesel operated sky lift of approved make and height for bearing inspection which has to be done before bearing replacement work to be undertaken as and when required for viaduct inspection in JMRC network.

2.11 Providing and Fixing 160 mm dia UPVC pipes of 6 Kg/Sqm pressure of approved make with all necessary fittings (sockets,bends,tee etc.) including fixing arrangements (clamps, brackets, fasteners) at all heights & lifts in JMRC viaduct network as per direction of Engineer.

2.12 Any other maintenance work.

3.0 The contractor shall plan & execute the work in such a way that the work proceeds smoothly for bearing replacement within block hour to the satisfaction of engineer.

4.0 The Contractor shall attend regular coordination meetings convened by the employer/engineer for interface and adhere to the decisions taken in the meeting.

5.0 Access will be provided to the staff of the contractor appointed by the employer for carrying out their work and bringing materials and Equipment to site. However, the security of materials and Equipment brought at the site will be the responsibility of the Contractor.

6.0 The Contractor shall take all necessary precautions to ensure the safety of the staff, adjoining structures, materials & equipment and the work in progress as per the directions of the engineer-in-charge.

7.0 Other:

7.1 Repair/replacement & Maintenance of installed bearings including cleaning of bearing, bearing Area, cleaning & removing of debris from in and around bearing pedestal, checking each bolt with torque wrench and proper tightening, fixing and/or replacement of loose/missing nut & bolts of installed bearings by approved make nuts/bolts of proper Size & specifications complete by suitable method and painting the bearing assembly after surface preparation of appropriate grade. This work also includes cutting of MS plates/angles/flats/clamps and keys etc. in bearings found locked or restricting in proper functioning of installed bearings. Providing and fixing scale and indicator for bearing movement wherever required.

7.2 Painting of bearing assembly by protective coat of minimum 100 microns and two top coats of PU paint of 50 micron each of Nerolac or equivalent make (Industrial grade) as per the manufacturer specifications.

7.3 Complete arrangement for lifting and lowering the span for replacement of confined elastomeric pressure pads/POT-PTFE bearing/repairing and replacement of installed bearing.

7.4 The work shall be carried out with all safety precautions. The contractor shall take all necessary precautions to ensure safety of the staff, adjoining

- structures, materials & equipment and the work in progress as per the directions of engineers-in-charge.
- 7.5 The contractor shall plan & execute the work in such a way that the work proceeds smoothly to the satisfaction of Engineer.
- 7.6 The Contractor shall attend regular meetings convened by the Employer/Engineer and adhere to decisions taken in the meeting.
- 7.7 Tests required, shall be carried out in NABL accredited lab as directed by Engineer-in-charge. The cost of the tests is to be borne by the agency itself. Nothing extra shall be paid.
- 7.8 The security of material, surveying instruments, skylift and other equipments brought to site will be responsibility of the contractor.
- 7.9 Involves working during revenue/non-revenue/block hours in day or night as per requirement and as per direction of Engineer-in-charge.
- 7.10 The contractor shall submit method statement for approval of Employer to take up the work. The work shall be carried out as per the approved method statement & specifications.
- 7.11 The contractor shall submit Programmes and Progress Reports of works as per Clause-4.13 and Clause-4.14 of General Conditions of Contract(GCC) available on JMRC's website <https://transport.rajasthan.gov.in/jmrcfor> bidder's reference. The GCC Document shall also be a part of bid document and contract for this work.
- 7.12 In case of major addition/alterations the drawings including details of structural drawings may be supplied by JAIPUR METRO RAIL CORPORATION LTD.
- 7.13 Any other item of work as may be required, to be carried out as per Rajasthan PWD (RPWD) specifications, for completing the job in all respects in accordance with the provisions of contract and or to ensure the structural stability and safety of the work during and after construction.
- 7.14 Clearing site after completion of work and handing over of all the works, as specified and directed by Engineer-In-Charge.
- 7.15 Damage caused to properties of JAIPUR METRO RAIL CORPORATION LTD. if any, during execution of above work shall be rectified by the bidder at his cost failing which the cost of rectification shall be recovered at market cost of such items from any R/A Bill / Final Bill of the bidder.
- 7.16 The work shall be carried out as and when required by JAIPUR METRO RAIL CORPORATION LTD. with all safety precautions. The bidder shall ensure all his workers shall have Personal Protective Equipment's (PPE's) at his own cost and ensure safety of site by providing Barricades (if required) for restricting movement of public to work area. The barricade arrangement (if required) shall be approved by Engineer-In-Charge keeping in view the overall circulating pattern of the commuters at the work site.
- 7.17 Time Period is 01 Years from the issue of LOA as per clause 1.0 (c.) of NIB.
- 7.18 Defects Liability Period is for 01 Year from date of completion of the contract. Warrantee/Guarantee of hardware items (if any) shall be for minimum period of 01 Year from date of installation or as per the manufacturer's certificate provided by the contractor to JMRCL before installation at the site.
- 7.19 Warrantee of installed bearing will be 15 years from the date of completion of work



