

Price Rs. ₹ 590/-



JAIPUR METRO

JAIPUR METRO RAIL CORPORATION LTD.

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

NIB No.:129/JMRC/OS/Civil/Works/2025-26

“Providing and Fixing of Automatic PHED Water Supply Control System including Control Panel, Sensor, Power Operated Actuator Valves, Control Panel Wirings, Cutting, Fitting and Installation of all components at Elevated Metro Stations and Depot of Jaipur Metro Phase-1A”

**Jaipur Metro Rail Corporation Ltd.
Office of General Manager Civil**

Room No-404, 4th Floor, Admin Building,
Depot of Jaipur Metro, Bhriгу Path,
Mansarovar, Jaipur-302020

Website: www.transport.rajasthan.gov.in/jmrc
Email: dos@jaipurmetrorail.in, gmcivil@jaipurmetrorail.in

Signature valid

Digitally signed by Kishan Singh Meena
Designation: General Manager
Date: 2026.04.27 16:46:30 IST
Reason: Approved

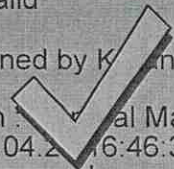


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Signature valid

Digitally signed by Kishan Singh
Meena
Designation: Project Manager
Date: 2026.04.21 16:46:30 IST
Reason: Approved

Signature of Authorized Signatory of Tender RajKaj Ref No.:
21764030
eSign 1.0

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Signature of Authorized Signatory of Tender RajKaj Ref No.:
21764030
eSign 1.0

Signature valid
Digitally signed by Kishan Singh
Meena
Designation: Project Manager
Date: 2026.04.26 16:46:30 IST
Reason: Approved

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Signature valid

Signature of Authorized Signatory of Tender

RajKaj Ref No.:

21764030

eSign 1.0

Digitally signed by K An Singh
Meena
Designation: Area Manager
Date: 2026.04.21 16:46:30 IST
Reason: Approved





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. (+91) 9311047886 (+91) 7728895364 (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 "Providing and Fixing of Automatic PHED Water Supply Control System including Control Panel, Sensor, Power Operated Actuator Valves, Control Panel Wirings, Cutting, Fitting and Installation of all components at Elevated Metro Stations and Depot of Jaipur Metro Phase-1A" This bid is invited under the RTPP 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	<p>Name: - General Manager (Civil), Jaipur Metro Rail Corporation Ltd.</p> <p>Address: - Room No-405, 4th Floor, Admin Building, Depot of Jaipur Metro, Bhriugu Path, Mansarovar, Jaipur-302020.</p> <p>Email: gmcivil@jaipurmetrorail.in, mgrcivil@jaipurmetrorail.in</p>
(b)	Subject Matter of Procurement. (Name of Work)	<p>"Providing and Fixing of Automatic PHED Water Supply Control System including Control Panel, Sensor, Power Operated Actuator Valves, Control Panel Wirings, Cutting, Fitting and Installation of</p>

Signature valid

Digitally signed by K. Man Singh Meena
Designation: General Manager
Date: 2026.04.26 16:46:30 IST
Reason: Approved

RajKaj Ref No.:

Signature of Authorized Signatory of Tender

eSign 1.0



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

129/JMRC/OS/Civil/Works/2025-26

		all components at Elevated Metro Stations and Depot of Jaipur Metro Phase-1A"
(c)	Work completion Period	45 Days from the date of issue of LOA.
(d)	Defect Liability Period	06 Months 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. ₹ 590/- Rupees (Inclusive All Taxes). (DD/BC of scheduled bank payable in favour of Jaipur Metro Rail Corporation Limited)
(i)	Estimated Cost of Procurement	INR ₹ 03,84,000.00 (Inclusive of all taxes and other charges)
(j)	Bid Security Deposit (EMD)	Amount (INR): 2.00% (Rs. ₹ 7,680/-) of Estimated Procurement Cost. (DD/BC/BG (Bank Guarantee) of a scheduled bank payable in favour of Jaipur Metro Rail Corporation Limited).
(k)	E-Bid Processing Fee (Non-Refundable)	Rs. ₹ 500 /- 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>19/05/2026</u> ; Time: <u>15:30</u> O/o General Manager (Civil), (O&S), Jaipur Metro Rail Corporation Ltd. Address: - Room No-405, 4th Floor, Admin Building, Depot of Jaipur Metro, Bhriгу Path, Mansarovar, Jaipur-302020 Mobile No:- (+91) 9311047886 (+91) 7728895364
(m)	Publishing Date on E-Proc Portal, SPPP Portal and JMRC Website.	Date: - <u>06/05/2026</u> Time- <u>09:30</u> Hrs
(n)		From Date: <u>06/05/2026</u> Time- <u>09:30</u> Hrs Signature valid

Signature of Authorized Signatory of Tender

Rajraj Ref No..

21764030

eSign 1.0

Digitally signed by Kishan Singh Meena

Designation: General Manager

Date: 2026.04.26 16:46:30 IST

Reason: Approved

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

129/JMRC/OS/Civil/Works/2025-26

	Document Download/Submission period.	To Date: <u>19/05/2026</u> Time- <u>15:00</u> Hrs
(o)	Date and Time of Pre-bid meeting	Date: <u>08/05/2026</u> Time: <u>11:00</u> Hrs
	Authority and Place for Pre-Bid Meeting.	General Manager (Civil), Jaipur Metro Rail Corporation Ltd. 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>08/05/2026</u> Time: <u>18:00</u> Hrs.
Note: All queries shall be sent only through email at MGRCCIVIL@JAIPURMETRORAIL.IN clearly mentioning the NIB No. 129/JMRC/OS/Civil/Works/2025-26 and the Name of Work, i.e. "Work of stone grouting, injection grouting, waterproofing items and miscellaneous civil works at Chhoti Chaupar Kund Area of JMRC Phase-1B". Queries sent to any other email ID or without mentioning the above NIB No. and Name of Work shall not be considered/entertained.		
(p)	Date and time for issuance of Minutes of Pre-bid meeting on E-Proc Portal, SPPP Portal and JMRC Website.	Date: <u>11/05/2026</u> Time: <u>18:00 Hrs</u>
(q)	Online Bid Submission Period on E-Proc Portal of Rajasthan Government.	From Date: <u>06/05/2026</u> Time- <u>09:30</u> Hrs To Date: <u>19/05/2026</u> Time- <u>15:00</u> Hrs
(r)	Online Technical Bid Opening Date and Time	Date: - <u>19/05/2026</u> Time: - <u>16:00</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: -
	(i) Cost of Bid Form, Bid Security Deposit and E-Bid Processing Fee.	(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.
	(ii) Similar Work: -	Signature valid

Signature of Authorized Signatory of Tender

Rajraj Ref No...
21764030
eSign 1.0Digitally signed by K...n Singh
Meena
Designation: ...t Manager
Date: 2026.04.2... 16:46:30 IST
Reason: Approved

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

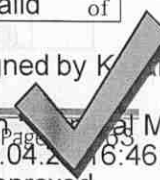
129/JMRC/OS/Civil/Works/2025-26

<p>The bidder firm should have experience in "Execution of construction of civil works/Repair and Maintenance of Civil structure in residential/commercial/other type of buildings" during the last 5 years (reckoned from the last date of bid submission) in State or Central Government bodies/ PSUs/ Metro Railways/ private companies which are listed in stock exchange (NSE/BSE) with an annual average turnover of more than ₹500 crores in the last 3 financial years. The bidder firm should also have a well-established capacity to execute the required work as per Clause 1.0(b) of the NIB.</p> <p>Work experience (physical requirement) shall be required as per detail given below: The bidder firm should have satisfactorily completed One similar works of at least 80% of the estimated cost of similar work i.e Rs 3.07 Lakhs /- OR Two similar works of at least 50% of the estimated cost of each costing Rs 1.92 Lakhs /- OR Three similar works of at least 40% of the estimated cost each costing Rs. 1.54 Lakhs/-. Work completion certificates are to be submitted accordingly.</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.</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 during the last 05 Years reckoned from the date of last date of bid submission. OR For experience of work done with Private Firms, copy of work order/LOA with BoQ, work completion certificate, final paid bill along with bank statement and TDS certificate showing the amount credited shall also be submitted with self-certification along with Certificate/Undertaking (Annexure-G) of Schedule-E of Bid Document on Bidder's/Agency's letter head.</p> <p>(iii) Self-attested copy of registration document as proof of registered firm for the similar work.</p> <p>(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. In case the bidder is a Consortium/Joint Venture (JV), the following documents shall be submitted: (a) duly executed Consortium/JV Agreement on non-judicial stamp paper indicating roles, responsibilities, and scope of work of each member; (b) Power of Attorney in favour of the Lead Member authorizing it to act on behalf of all members for submission of bid and execution of contract; (c) Letter of Intent/Memo</p>
---	--

Signature of Authorized Signatory of Tender

Rajkaj Key No.:
21764030
eSign 1.0

Digitally signed by K. Man Singh Meena
Designation: Project Manager
Date: 2026.04.21 16:46:30 IST
Reason: Approved



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

129/JMRC/OS/Civil/Works/2025-26

<p>(iv) The Average Annual Turn Over of the bidder during preceding 03 audited financial years (i.e FY-2022-23 to 2024-25) should not less than 40 % of estimated cost i.e INR 1.54 Lakh.</p> <p>(v) Mandatory Registrations of the bidder such as "Goods & Service Tax (GST)" and Income Tax Registration.</p>	<p>Understanding (MoU), if the JV Agreement is not executed at the time of bid submission; (d) details of each JV member including legal status, registration documents, and relevant experience credentials; (e) undertaking from all members confirming joint and several responsibility for execution of the contract; (f) declaration that no JV member has been blacklisted or debarred by any Government/PSU; and (g) the Consortium/JV shall not be altered without prior approval of the Employer.</p> <p>or</p> <p>In case of Sole Proprietorship, the bidder shall submit a self-attested copy of the valid GST Registration Certificate in the name of the proprietor.</p> <p>(iv) Self-Certified Certificate issued by Chartered Accountant (CA) for the "Annual Turnover" of the Bidder.</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>	
<p>(u) ONLINE SUBMISSION OF BIDS: - Online bids will have to be stamped and signed by the authorised 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 Signature valid to be submitted separately in the Second Part of the Bid i.e. Financial Bid on</p>	

Signature of Authorized Signatory of Tender

Rajraj Ref No...
21764030

eSign 1.0

Digitally signed by K An Singh
Meena

Designation: Project Manager
Date: 2026.04.26 16:46:30 IST
Reason: Approved

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

129/JMRC/OS/Civil/Works/2025-26

	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.
(v)	POINTS TO BE NOTED: <ul style="list-style-type: none">(i) Bidder (authorized signatory) shall submit their Two-Part Bid (First Part: -Technical Bid and Second Part: -Financial Bid) online on E-Proc website i.e. https://www.eproc.rajasthan.gov.in both for technical and financial proposals separately for each.(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.(iii) JMRC will not be responsible for the delay in Bid submission due to any reason.(iv) The procuring entity reserves the complete right to cancel the bid process and reject any or all the Bids.(v) Conditional Bid will be summarily rejected by JMRC.(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.(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.(viii) Any Bid received with unattested cutting/ overwriting will be rejected.(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.(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/(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

General Manager (Civil)
Jaipur Metro Rail Corporation Limited, Jaipur

Signature valid

Digitally signed by Kishan Singh Meena
Designation: General Manager
Date: 2026.04.23 16:46:30 IST
Reason: Approved

Signature of Authorized Signatory of Tender

Rajraj Ref No..
21764030

eSign 1.0

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

129/JMRC/OS/Civil/Works/2025-26

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 the Procurement Process.
Annexure C1:	Memorandum of Appeal under the Rajasthan Transparency in Public Procurement Act, 2012
Annexure D:	Additional Conditions of Contract.
Annexure E:	The 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.

Digitally signed by K An Singh
Meena
Designation: Project Manager
Date: 2026.04.21 16:46:30 IST
Reason: Approved

Signature of Authorized Signatory of Tender

RajKaj Ref No.:
21764030
eSign 1.0

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

129/JMRC/OS/Civil/Works/2025-26

- 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.
- FORM-I: Obligation/Compliance to be ensured by 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
Attached separately.

SIGNATURE OF CONTRACTOR
With full address & Mobile No.:

General Manager (Civil), JMRC
Jaipur Metro Rail Corporation Ltd.,
Jaipur

Signature valid

Digitally signed by K An Singh
Meena

Designation: General Manager
Date: 2026.04.21 16:46:30 IST
Reason: Approved

Signature of Authorized Signatory of Tender

RajKaj Ref No.:
21764030
eSign 1.0

SCHEDULE-B: INSTRUCTIONS TO BIDDERS (ITB)

1.1 GENERAL INFORMATION

1.1.1 Digitally Signed Online Bids are invited for the NIB No.: 129/JMRC/OS/Civil/Works/2025-26 towards "Providing and Fixing of Automatic PHED Water Supply Control System including Control Panel, Sensor, Power Operated Actuator Valves, Control Panel Wirings, Cutting, Fitting and Installation of all components at Elevated Metro Stations and Depot of Jaipur Metro 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) Appendices (Schedule-I)

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

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Meena
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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 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 "Providing and Fixing of Automatic PHED Water Supply Control System including Control Panel, Sensor, Power Operated Actuator Valves, Control Panel Wirings, Cutting, Fitting and Installation of all components at Elevated Metro Stations and Depot of Jaipur Metro 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.

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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.

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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 % 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 %** of the total contract price) through deductions from each running and final bill, calculated at a rate of **10 %** 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 **Signature valid**
Estimated Bid Value.

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- (ii) Estimated Bid Value means the value of the subject matter of procurement mentioned in the bidding documents by the Procuring Entity.
- (iii) Unbalanced Bid Amount means positive difference of eighty-five percent of the Estimated Bid Value minus the 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.

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1.6 OTHER TERMS & CONDITIONS: -

- 1.6.1 The quoted prices shall be deemed to be inclusive of all costs related to manpower, materials, tools, equipment (including Crane/Hydra if required), transportation, safety arrangements, Personal Protective Equipment (PPE), barricading (if required), and all applicable taxes, duties, levies, and charges. No additional payment shall be made on any account. The bidder shall take all such costs into consideration while quoting the rates in the tender.
- 1.6.2 No tools and Plants shall be issued to the contractor by JMRC.
- 1.6.3 Only authorized staff of the contractor having proper identity cards issued by the contractor/firm shall be permitted to enter in JMRC Site Premises.
- 1.6.4 The work should be carried out without causing any hindrance to the users.
- 1.6.5 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.
- 1.6.6 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.
- 1.6.7 RPWD BSR, RUIDP ISOR Specifications, CPWD Specifications, IRC/IS Codes, and other relevant provisions of applicable codes, specifications, and manuals shall be applicable to these works. The execution of work shall strictly adhere to these standards and guidelines.
- If a Crane or Hydra is required to be used for execution of works at height within JMRC premises, it shall be of 1st Generation or an equivalent category, as per the directions and approval of the Engineer-In-Charge. All expenses related to the deployment, operation, and safety compliance of such equipment shall be borne entirely by the contractor, and he shall consider the same while quoting rates in the tender.
- 1.6.9 JMRC's General conditions of contract shall be applicable.

1.6.10. 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

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between the provisions of the Act and the Rules and this Bidding document, the provisions of the Act and the Rules shall prevail”.

[Faint, illegible text from the main body of the document, likely containing the detailed instructions to bidders.]

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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 Badli Chaupar or other locations that these locations are designated UNESCO World Heritage Site.

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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 MANDATORY REGISTRATION OF BIDDER

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

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.

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- 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 13.3 and 17 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 levying of the penalty.

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- 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.

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 required to be cleared or removed for the purpose of the work, shall be preserved and planted back in the same place or elsewhere as directed by the Engineer.

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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

The work shall be executed on a complete turnkey basis. The department shall only indicate the site/location. The bidder shall be fully responsible for all activities required for successful completion of the work including, but not limited to, detailed site assessment, design compatibility, supply of materials, packing, transportation, loading/unloading, storage, installation, interconnections, testing, commissioning and handing over the system in satisfactory working condition.

All materials, components, accessories, consumables, labour, tools, tackles, equipment, statutory compliances and safety arrangements required for proper installation and operation shall be in the bidder's scope, irrespective of whether specifically mentioned or not.

Payment shall be released only after successful installation, testing, commissioning and satisfactory performance certification by the Engineer-in-Charge.

Additional 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 and 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

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bill, confirming the actual work's compliance with BOQ specifications, and the amount of the bill is as per the recorded measurement in the Measurement Book, mentioning MB Number and Page Number. At the time of billing, the bidder shall submit necessary documents and the Bill in the standard format for payment.

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

17.3 If any activities are not carried out as per the work order, the applicable amount may be deducted from the payable bill amount, performance security, or bid security. If the work is carried out through another agency under intimation to the bidder, the charges incurred may also be deducted from the bidder's bill. In addition, applicable penalties may be levied as per Clause 13.3 of SCC.

17.4 Upon submission of each bill, under standard circumstances, 100% of the bill amount shall be disbursed. However, if the JE Works In-Charge identifies pending aspects—such as verification of works through Material Testing Certificates, Testing Certificates from NABL-accredited labs (if necessary), obtaining NOC from other concerned wings of JMRC (if required), comprehensive site cleaning, or successful testing and commissioning of works—the JE Works In-Charge may release only 80% of the bill amount. The remaining 20% shall be released upon further certification indicating satisfactory resolution of the pending aspects.

17.5 No advance payment shall be made.

17.6 GST-Invoice/Bills, correct in all respects, 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.

17.7 Necessary and applicable statutory deductions from the bill/invoice amount shall be made by JMRC on account of Labour Welfare Cess as per BOCW Welfare Cess Act-1996 (minimum 1% and maximum 2% of bill amount as per latest guidelines issued by Govt. of Rajasthan) and TDS.

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.

18.2 One "Site Order Book / Progress Monitoring register" shall be maintained at the 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) as and when required.

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Designation : Project Manager

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18.4.2 1.6.2.7 RPWD BSR, RUIDP ISOR Specifications, CPWD Specifications, IRC/IS Codes, and other relevant provisions of applicable codes, specifications, and manuals shall be applicable to these works. The execution of work shall strictly adhere to these standards and guidelines.

If a Crane or Hydra is required to be used for execution of works at height within JMRC premises, it shall be of 1st Generation or an equivalent category, as per the directions and approval of the Engineer-In-Charge. All expenses related to the deployment, operation, and safety compliance of such equipment shall be borne entirely by the contractor, and he shall consider the same while quoting rates in the tender.

1.6.2.9 The contractor must be fully aware that, being a Metro organization, certain works may be required to be executed during night hours, specifically between 11:00 PM to 4:00 AM, due to operational constraints and safety considerations. The contractor shall accordingly plan manpower, logistics, and execution methodology. No extra claim shall be entertained on account of working during night hours. The bidder is advised to take this site restriction into account while quoting the rates in the tender..

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 a signature valid claims, demands, proceedings, damages, costs, charges, and expenses whatsoever, in regard or in relation to such liability.

Signature of Authorized Signatory of Tender

RajKaj Ref No.:

eSign 1.0

Digitally signed by K An Singh
Meena
Designation: Civil Manager
Date: 2026.04.26 16:46:30 IST
Reason: Approved

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

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.

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) amended from time to time**



25.0 WORK NOT TO BE SUBLET

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

26.0 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 Performance of Inspection shall be provided by Engineer-In-Charge.

27.0 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.

28. Employer's Requirements:

The Contractor shall complete the work as per the approved schedule and within the overall completion period defined in the contract. The execution of work shall strictly adhere to the requirements, specifications, and the method of statement as detailed in Appendix-03 of SCHEDULE-I: Appendices, or as instructed by the Engineer-in-Charge.

29.0 MATERIALS:

29.1 Quality:

29.1.1 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.

29.1.2 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 the materials used to construct JAIPUR METRO RAIL CORPORATION LTD. Bidders are advised to refer list of additional approved sources/ vendors of material attached Appendix-01. Of this Bid Document.

29.2 SAMPLING AND TESTING:

29.2.1 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.

29.2.2 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.

29.2.3 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.

29.2.4 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.

30.0 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.

31.0 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 approval of Engineer-in-Charge.

32.0 Night Work Planning and PTW Coordination

Due to operational constraints and continuous metro services during daytime hours, all or part of the civil works under this contract may be required to be carried out during night hours. It shall be the responsibility of the Contractor to prepare and plan the work schedule accordingly.

The Contractor shall:

(i) Coordinate in advance with the Engineer-in-Charge for identification of activities requiring night-time execution.

(ii) Submit a detailed night work plan sufficiently in advance to enable the Civil Department to obtain the necessary **Permit to Work (PTW)** from the Operations Department of JMRC.

RajKaj Ref No.:

Signature of Authorized Signatory of Tender

eSign 1.0

Signature valid

Digitally signed by Kishan Singh Meena

Designation: Project Manager

Date: 2026.04.23 16:46:30 IST

Reason: Approved

SCHEDULE-C: Special Conditions of Contract (SCC)

129/JMRC/OS/Civil/Works/2025-26

- (iii) Ensure strict adherence to the PTW conditions issued by the Operations Department, including working hours, safety norms, and operational protocols.
- (v) Mobilize manpower, machinery, and materials accordingly to execute night work without delay or disruption.
- (v) Bear any additional cost arising from night work arrangements, unless otherwise specified.

Failure to plan and coordinate in a timely manner may result in delays for which the Contractor shall be solely responsible, and no claims on this account shall be entertained by JMRC.

Signature of Authorized Signatory of Tender

RajKaj Ref No.:

eSign 1.0

Signature valid

Digitally signed by K An Singh Meena
Designation : Project Manager
Date: 2026.04.16 16:46:30 IST
Reason: Approved



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.

In addition to the provisions contained under Clause 4.0 above, the detailed item-wise technical specifications for the Butterfly Valve with Pneumatic Actuation System (Automatic ON-OFF Application) are enclosed as Appendix-A to this Bid Document.

The work shall be executed strictly in accordance with the specifications contained in Appendix-A. In case of any discrepancy between Appendix-A and the applicable RPWD/CPWD/IRC/IS Codes/RUIDP ISOR or other relevant codes and manuals, the more stringent provision as decided by the Engineer-in-Charge shall prevail.

The bidder shall be deemed to have examined Appendix-A and shall execute the complete work on turnkey basis, including supply, installation, testing and commissioning, in conformity with the said specifications and directions of the Engineer-in-Charge.

Signature valid

Digitally signed by K An Singh
Meena
Designation : Project Manager
Date: 2026.04.26 16:46:30 IST
Reason: Approved

RajKaj Ref No.:

Signature of Authorized Signatory of Tender

eSign 1.0

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 for the project.

Signature of Authorized Signatory of Tender

RajKaj Ref No.:
eSign 1.0

Signature valid

Digitally signed by K. An Singh
Meena

Designation: Project Manager

Date: 2026.04.22 16:46:30 IST

Reason: Approved

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.

Signature valid

Digitally signed by Kishan Singh Meena
Designation : Project Manager
Date: 2026.04.24 16:46:30 IST
Reason: Approved

RajKaj Ref No.:

Signature of Authorized Signatory of Tender

eSign 1.0

Annexure B: Declaration by the Bidder regarding Qualifications

Declaration by the Bidder

In relation to my/our Bid submitted to for procurement of in response to their Notice Inviting Bids No..... Dated 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:

Signature valid

Digitally signed by K. An Singh
Meena
Designation : Project Manager
Date: 2026.04.24 16:46:30 IST
Reason: Approved

RajKaj Ref No.:

Signature of Authorized Signatory of Tender

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Annexure C: Grievance Redressal during Procurement Process

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

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

Signature valid

Digitally signed by Kishan Singh
Meena
Designation : Project Manager
Date: 2026.04.24 16:46:30 IST
Reason: Approved

RajKaj Ref No.:

Signature of Authorized Signatory of Tender

eSign 1.0

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.

Signature valid

Digitally signed by Kishan Singh
Meena
Designation : Project Manager
Date: 2026.04.26 16:46:30 IST
Reason: Approved

RajKaj Ref No.:

Signature of Authorized Signatory of Tender

eSign 1.0

FORM No. 1

[See rule 83]

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

Signature valid

Digitally signed by Kishan Singh Meena
 Designation : Project Manager
 Date: 2026.04.24 16:46:30 IST
 Reason: Approved



RajKaj Ref No.:

Signature of Authorized Signatory of Tender

eSign 1.0

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.

Signature valid

Digitally signed by Kishan Singh
Meena
Designation : Project Manager
Date: 2026.04.26 16:46:30 IST
Reason: Approved

RajKaj Ref No.:

Signature of Authorized Signatory of Tender

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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
Signature valid

RajKaj Ref No.: _____

Signature of Authorized Signatory of Tender

eSign 1.0

Digitally signed by Kishan Singh Meena
Designation: General Manager
Date: 2026.04.24 16:46:30 IST
Reason: Approved



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 valid

Digitally signed by Kishan Singh Meena
Designation: Project Manager
Date: 2026.04.24 16:46:30 IST
Reason: Approved

RajKaj Ref No.:

Signature of Authorized Signatory of Tender

eSign 1.0

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

Signature valid

Digitally signed by Kishan Singh Meena
 Designation: Project Manager
 Date: 2026.04.24 16:46:30 IST
 Reason: Approved

RajKaj Ref No.:

Signature of Authorized Signatory of Tender

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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

Signature valid

Digitally signed by Kishan Singh Meena
Designation : Project Manager
Date: 2026.04.27 16:30 IST
Reason: Approved

RajKaj Ref No.:

Signature of Authorized Signatory of Tender

eSign 1.0

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

Name of Work:- "Providing and Fixing of Automatic PHED Water Supply Control System including Control Panel, Sensor, Power Operated Actuator Valves, Control Panel Wirings, Cutting, Fitting and Installation of all components at Elevated Metro Stations and Depot of Jaipur Metro Phase-1A"

NIB No.129/JMRC/OS/Civil/Works/2025-26

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

Signature valid

Digitally signed by Kishan Singh Meena
Designation: Project Manager
Date: 2026.04.24 16:46:30 IST
Reason: Approved

RajKaj Ref No.:

Signature of Authorized Signatory of Tender

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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: - "Providing and Fixing of Automatic PHED Water Supply Control System including Control Panel, Sensor, Power Operated Actuator Valves, Control Panel Wirings, Cutting, Fitting and Installation of all components at Elevated Metro Stations and Depot of Jaipur Metro 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 revenue

RajKaj Ref No.:

Signature of Authorized Signatory of Tender eSign 1.0

Signature valid

Digitally signed by Man Singh

Designation: Project Manager

Date: 2026.04.24 16:46:30 IST

Reason: Approved

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

Signature valid

Digitally signed by K...n Singh
Meena
Designation : ...al Manager
Date: 2026.04.26 16:46:30 IST
Reason: Approved

RajKaj Ref No.:

Signature of Authorized Signatory of Tender

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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 % 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	06 Month and 45 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

Signature valid

Digitally signed by Kishan Singh Meena
 Designation : General Manager
 Date: 2026.04.27 16:46:30 IST
 Reason: Approved

RajKaj Ref No.:

Signature of Authorized Signatory of Tender

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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: _____

Signature valid

Digitally signed by **Kishan Singh Meena**
Designation: **Area Manager**
Date: 2026.04.16 16:46:30 IST
Reason: Approved

RajKaj Ref No.: _____

Signature of Authorized Signatory of Tender

eSign 1.0

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 "Providing and Fixing of Automatic PHED Water Supply Control System including Control Panel, Sensor, Power Operated Actuator Valves, Control Panel Wirings, Cutting, Fitting and Installation of all components at Elevated Metro Stations and Depot of Jaipur Metro 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 debt as stated under Para 5, above, it is understood that the Bank will extend

Signature of Authorized Signatory of Tender

RajKaj Ref No.:

eSign 1.0

Signature valid
 Digitally signed by K. An Singh
 Meena
 Designation: _____ al Manager
 Date: 2026.04.26 16:46:30 IST
 Reason: Approved

Page 48 of 83

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

Signature valid

Digitally signed by Kishan Singh Meena
Designation: _____
Date: 2026.04.26 16:30 IST
Reason: Approved

RajKaj Ref No.:

Signature of Authorized Signatory of Tender

eSign 1.0



Form D: FORM OF AGREEMENT:

Agreement No.: _____

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 "**Providing and Fixing of Automatic PHED Water Supply Control System including Control Panel, Sensor, Power Operated Actuator Valves, Control Panel Wirings, Cutting, Fitting and Installation of all components at Elevated Metro Stations and Depot of Jaipur Metro 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 therefrom as may be made under the provisions of the Contract at the times and in the manner prescribed by the Contract.

Signature of Authorized Signatory of Tender

RajKaj Ref No.: _____

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Signature valid

Digitally signed by K An Singh Meena
 Designation: _____ al Manager
 Date: 2026.04.27 16:30 IST
 Reason: Approved



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 "Providing and Fixing of Automatic PHED Water Supply Control System including Control Panel, Sensor, Power Operated Actuator Valves, Control Panel Wirings, Cutting, Fitting and Installation of all components at Elevated Metro Stations and Depot of Jaipur Metro 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.

RajKaj Ref No.:

Signature of Authorized Signatory of Tender

eSign 1.0

Signature valid

Digitally signed by Kishan Singh
Meena
Designation : Project Manager
Date: 2026.04.24 16:46:30 IST
Reason: Approved

*** 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.

RajKaj Ref No.:

Signature of Authorized Signatory of Tender

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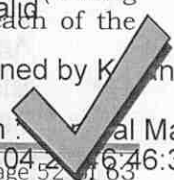
Digitally signed by

Meena Singh

Designation: Project Manager

Date: 2026.04.26 16:46:30 IST

Reason: Approved



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.

Signature valid

Digitally signed by Kishan Singh Meena
 Designation : Project Manager
 Date: 2026.04.24 16:46:30 IST
 Reason: Approved

RajKaj Ref No.:

Signature of Authorized Signatory of Tender

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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.: 129/JMRC/OS/Civil/Works/2025-26** for qualification and submission of our Bid for the works "**Providing and Fixing of Automatic PHED Water Supply Control System including Control Panel, Sensor, Power Operated Actuator Valves, Control Panel Wirings, Cutting, Fitting and Installation of all components at Elevated Metro Stations and Depot of Jaipur Metro 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, the Applicant should submit for verification the extract of the charter documents and documents such as a resolution/power of attorney in favors of this Power of Attorney for the delegation of power hereunder to the Applicant.

RajKaj Ref No.:

Signature of Authorized Signatory of Tender

eSign 1.0

Digitally signed by Meena Singh, Designation: Project Manager, Date: 2026.04.16 16:46:30 IST, Reason: Approved



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

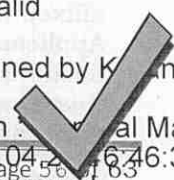
Signature valid

Digitally signed by Kishan Singh Meena Designation : Project Manager Date: 2026.04.26 16:46:30 IST Reason: Approved

RajKaj Ref No.:

Signature of Authorized Signatory of Tender

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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

Faint mirrored text from the reverse side of the page.

Signature valid

Digitally signed by Kishan Singh Meena
Designation : Project Manager
Date: 2026.04.24 16:46:30 IST
Reason: Approved



RajKaj Ref No.:

Signature of Authorized Signatory of Tender

eSign 1.0

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

Signature valid

Digitally signed by K An Singh
Meena
Designation: Project Manager
Date: 2026.04.26 16:46:30 IST
Reason: Approved

RajKaj Ref No.:

Signature of Authorized Signatory of Tender

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FORM J: FORM OF BANK GUARANTEE FOR BID SECURITY

(On minimum stamp paper value of 0.25% of BG amount (On any state stamp paper or as per the latest Fees Master available at <https://igrs.rajasthan.gov.in/>)

Know all men by these presents that we _____ (Name of Bank) having our registered office at _____ (Address and Name of company) (hereinafter called "the Bank") are bound unto Jaipur Metro Rail Corporation Limited (hereinafter called "the Employer") in the sum of Rs. _____ for which payment will and truly to be made to the said Employer, the Bank binds itself, its successors and assigns by these presents.

Whereas _____ (name of Bidder) (hereinafter called "the Bidder") has submitted its Bid dated _____ for contract for "Providing and Fixing of Automatic PHED Water Supply Control System including Control Panel, Sensor, Power Operated Actuator Valves, Control Panel Wirings, Cutting, Fitting and Installation of all components at Elevated Metro Stations and Depot of Jaipur Metro Phase-1A" hereinafter called "the Bid".

And whereas the Bidder is required to furnish a bank guarantee for the sum of Rs. _____ (Rupees _____) as Bid security against the Bidder's offer as aforesaid. And whereas _____ (name and address of the bank) have, at the request of the Bidder, agreed to give this guarantee as hereinafter contained.

We further agree as follows:

- a. That the Employer may, without affecting this guarantee, grant time or other indulgence to or negotiate further with the Bidder in regard to the conditions contained in the said Bid and thereby modify these conditions or add thereto any further conditions as may be mutually agreed upon between the Employer and the Bidder.
- b. That the guarantee herein before contained shall not be affected by any change in the constitution of our Bank or in the constitution of the Bidder.
- c. That any account settled between the Employer and the Bidder shall be conclusive evidence against us of the amount due hereunder and shall not be questioned by us.
- d. That this Guarantee commences from the date hereof and shall remain in force till(Date up to which Guarantee is valid i.e. 120 days from the last date of Bid submission.
- e. That the expression 'the Bidder' and 'the Bank' herein used shall, unless such an interpretation is repugnant to the subject or context, include their respective successors and assigns.

THE CONDITIONS OF THIS OBLIGATION ARE:

- a. If the Bidder withdraws his Bid during the period of Bid validity specified in the Form of Bid, or

Signature valid

- b. If the Bidder having been notified of the acceptance of his Bid by the Employer during the period of Bid validity:

Digitally signed by K. An Singh
Meena
Designation : General Manager
Date: 2026.04.23 16:46:30 IST
Reason: Approved

Signature of Authorized Signatory of Tender

eSign 1.0

RajKaj Ref No.:
24734000

- i. Fails or refuses to furnish the Performance Security
- ii. Fails or refuses to enter into a Contract within the time limit.

We undertake to pay to the Employer up to the above amount upon receipt of his first written demand, without the Employer having to substantiate his demand provided that in his demand the Employer will note that the amount claimed by him is due to him owing to the occurrence of any one or more of the conditions (a) and (b) mentioned above, specifying the occurred condition or conditions.

Signature of the witness	Signature of Authorized Official of the Bank
.....
Name of the Witness	Name of Official
.....
	Designation

	I.D. No.

Address of the Witness	Stamp/Seal of the Bank
.....

- Bank details of JMRC are as below:
Account Holder Name: Jaipur Metro Rail Corporation
Account No.: 678605111973, IFSC code: ICIC0006786

Signature valid

Digitally signed by K An Singh Meena
Designation :  al Manager
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RajKaj Ref No.: 24721853

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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 JMRC 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.

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 Date: 2026.04.27 16:46:30 IST
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SCHEDULE-I: Appendices

Appendix No.	Particulars	Page No.	
		From	To
Appendix-01	Approved Manufacturers List/Suppliers List		
Appendix-02	Technical Specifications of items		
Appendix-03	Illustrative BoQ Sample		

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.

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Signature valid Page 63 of 63

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21764030
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Date: 2026.04.22 16:46:30 IST
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**APPROVED MANUFACTURES/SUPPLIERS
For Civil Works**

March 2023

All materials and products shall conform to the Outline Construction Specification (OCS) of DMRC, BIS codes and other relevant codes etc. and shall be of make as approved by DMRC.

The list of approved makes for products and materials is given below. No Further approval is required to be taken for usage of these makes. Further, the request of equivalent manufactures shall only be considered as an exception wherein it is certified by all the approved manufacturer's/suppliers that they are not able to provide the required quantity of products/materials.

S. No.	Details of Materials/ Products	Manufacturer's/Supplier's Name
1.	Cement	Ultratech, Orient Cement, JK Cement, Birla Corporation, Wonder Cement, DALMIA Bharat, ACC, Ambuja
2.	Reinforcement Bars	Prequalified Manufacturers SAIL, RINL, TISCO, IISCO, Jindal and manufacturers as per RDSO's latest approved list
3.	Epoxy	FOSROC, Asian paints, SUNANDA, SIKKA, FAIRMATE, KunalConchem, Hindcon Chemicals, STP Limited
4(a).	Expansion Joints for Viaduct	Prequalified Manufacturers as per RDSO's latest approved list
4(b).	Expansion Joints for buildings	VR Engineers, Maurer Sanfield, DECG International
5.	Admixtures	Durabuild, TP Buildtech, Hindcon Chemicals, Vista Chemtech, Buildtech, Rheoplast, Asian Lab, CICO Technologies, Yahska Polymers, FOSROC, Asian Paints, CAC, Ado Additives, Prism Johnson, STP Limited, SIKKA, Normet India, KunalConchem, Polygon chemicals, Fairmate India, TREMCO CPG, Pinnacle, Shalimar Paints/Hella Infra, SUNANDA
6(a)	Low Strain Pile Integrity Testing, UPV Test, Rebound Hammer Test	CEG Test House, AADCO Testing, CENGRS, DVG Lab, ADS Labtech (please note that NABL accreditation is mandatory)

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6(b).	Cross Hole Testing of Piles	CEG Test House, AADCO Testing, CENGRS, ADS Labtech (please note that NABL accreditation is mandatory)
7.	Anchor Fastener	TRUTEK, Pioneer nuts and bolts, FOSROC, HILTI, Styrene Packings (Please note that ETA Certification is mandatory for using/supplying fasteners for load bearing structural members)
8.	Structural Steel	KL Steels and Sons, TATA, SAIL, ESSAR, Maharashtra Pipes, Jindal Steel & Power Ltd., Steel Works & Power Engineers, SKS Ispat & Power, Shamli Steel, Topworth, Goodluck India, Rimjhim, APL Apollo tubes
9.	Pre-stressing Strand (LRPC)	TATA SSL Ltd., USHA Martin, DP Wires, Miki Steel, Kataria Group
10(a)	Pol/PTFE Bearings Elastomeric	Deevin Systems, VSIL, Maurer Sanfield, Dynamic Prestress, Kanta Rubber (RDSO approval is mandatory)
10(b)	Elastomeric Bearings	Deevin Systems, VSIL, Maurer Sanfield, Kanta Rubber, Polymer Products, DECG International (RDSO approval is mandatory)
10(c)	Spherical Bearings	Maurer Sanfield, MAGEBA
11.	Horizontal Tie Bars/ Shear Bars	DEXTRA
12.	HDPE Sheathing	Dynamic Prestress, JK Prestressing, FOSROC
13.	Formwork Release Agent	Eastern Petroleum, Yahska polymers, KunalConchem, ADO Additives, STP Limited, FAIRMATE
14.	Prestressing System	Dynamic Prestress, TENSA INDIA, JK Prestressing, Usha Martin
15.	Reinforcement Couplers (cold forged parallel threads type only)	TATA Steel, Maurer Sanfield, DEXTRA India, LEVIAT India, REBAR Couplers India (P) Ltd.
16.	Hollow Sections, Pipes	Surya Roshni, Dadu Pipes, APL Apollo Tubes
17.	Drainage Pipes	TEXMO Pipes
18.	Non Shrink Grout	DURABUILD, Yahska polymers, FOSROC, ASIAN Paints, SIKA India, KunalConchem, FAIRMATE, STP Limited
19.	Bonding Coat	Asian paints, STP Limited, FAIRMATE
20.	Polysulphide Sealant	Asian paints, SIKA, KunalConchem, IWL India, HindconChemicals, STP Limited, FAIRMATE
21.	Steel Structural Fasteners	PANCHSHEEL Fasteners, PIONEER nuts and bolts, KIRTI Fasteners, HARYANA fasteners, IMPERIAL bolts and Fasteners, KARAMTARA (Please note that ETA Certification is mandatory for using/supplying fasteners for load bearing structural members)

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 Meena
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22.	Corrosion Protection Paints	BERGER Paints, FOSROC, ADVANCE Paints, GRAUER & WEIL India, SUNANDA, Asian paints, Ameetuff Technical Paints
23.	Micro Silica	Ultrafine minerals and admixtures, Counto Micro fine products, Rockfit, CAC, KunalConchem, Hindcon Chemicals, Pinnacle, Normet India
24.	Fire Resistant Paint	Advance paints, Asian paints, Ameetuff Technical Paints
25.	Integral Crystalline Waterproofing Method	PENETRON, XYPEX
26.	Water stopper/ Bar	Asian paints, HITECH Rubber, Penetron, Kantaflex
27.	Liquid Polymer membrane waterproofing	PIDILITE, BERGER Paints, TECHNINICOL, FOSROC, Asian Paints, ECMAS, SIKA, KunalConchem, SUNANDA, FAIRMATE, Hindcon Chemicals, STP Limited
28.	Curing Compound	VISTACHemtech, Yahska Polymers, FOSROC, CAC, FAIRMATE, KunalConchem, Asian paints, ADO Additives Pinnacle, STP Limited
29.	Polycarbonate Sheets	VMI Plastic
30.	Fly Ash	Ashtech India, Jaycee Buildcorp
31.	Pre-Coated Profiled Metal Sheetings	Aditya profiles, Tata Bluescope steel
32.	Sodium Silicate for Grouting purposes during TBM operations	KunalConchem, National Glass Works
33.	AAC Block	MAGICRETE, JK Lakshmi, OFB Tech
34.	Tunnel Segment EPDM	Daeryong India, FIP, Datwyler
35.	Rock Bolts/Swellex Bolts	Sandvik Mining
36.	Softeye GFRP	Sandvik Mining, Arc Insulations, DEXTRA
37.	Material Testing	Scientific Infra, CEG Test house, Shree Balaji Test house, AADCO Testing, EMM Tech, DVG labs, Apex Assessment Lab, Global Test house, Indian Testing Lab, National Testing Lab, ARIHANT Analytical Lab, CIMEC Infra, WIDMANS lab, ANSHUTECH, Standard testing lab, ADS Labtech, AJEO Testing, Delhi Test house
38.	Rain Water Harvesting	Water field technology
39.	Geotechnical Investigation	Scientific Infra, CEG Test house, Shree Balaji test house, EMM Tech, CENGRS, Gsoil & Rock Probe, SarathyGeotech, SECON, TECHPRO India

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40.	Premix Prestress Cable Grouts	FOSROC, ULTRATECH
41.	Ultrasonic Logging Tubes	Maurer Sanfield, DEXTRA
42.	Welding Electrodes	Alpha Arc Electrode , VARUN Electrodes, Weld Alloy products D & H Secheron
43.	Ultrafine Fly Ash	Ashtech India, Ultrafine mineral and admixtures
44.	Drilling Polymer	SUGAM Infra ,INNOVA, Manoj Kumar Kharakia Co., LAVIOSA, NEEL KANTH Chemicals, TRISHUL, RELEMAC India, ECO Drilling
45.	Anti Carbonation Coating of RCC Structures	Asian paints, Godavari paints, FAIRMATE India, SUNANDA, FOSROC, STP Limited, Ameetuff Technical Paints

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Finishing Works Manufacturers' List for Phase IV			
S.No.	Work Category	Item/Products	Manufacturers/Makes proposed for Approval in Phase IV
1	FLOORING	VITRIFIED TILES (Plain, Designer and Tactile)	H&R Johnson
			Kajaria
			Oasis (Marbomax Group)
			Orient Bell Ceramics
			Pavit Ceramics
			Pelican Ceramics
			Qutone Tiles
			RAK Ceramics
			Restile Ceramics
			Royale Touch and Silk Touch Vitrified
		Simpolo	
		Varmora Granito	
		Vitro	
		CERAMIC TILES/PORCELAIN TILE	H&R Johnson
			Kajaria
Oasis (Marbomax Group)			
Orient Bell Ceramics			
Simpolo			
RAISED FLOORS	Hewetson/Kingspan Access Floors		
	United Access Floors/United Insulation		
PU/ EPOXY COATED FLOORS	Clpy Polyurethanes		
	Flowcrete		
	Pidilite		
	Shalimar Paints		
	Sika		
CONCRETE PAVERS, KERBS & CHEQUERED TILES	Chelsea Concrete		
	Dalal Tiles		
	Pave Espania		
	Sarita Pre Fab		
CERAMIC OR GLASS MOSAIC TILES/ HANDMADE TILE	Bisazza		
	GND Tiles		
	Italica Mosaic		
	Kenzai Ceramic		
	Mridul Enterprises		
	Peoples Mosalco Corporation		
Raja Tiles			
EMULSION PAINTS	Acro Paints		
	AkzoNobel		
	Asian Paints		
	Berger Paints		
	BSC Paints		
	Codevari Paints		
	Jenson & Nicholson		
	Kamdhenu Paints		
	Nerolac Paints		
	OIKOS India Pvt Ltd		
	Shalimar Paints		
	Sherwin Williams paints		

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RajKaj Ref No.: 21764030

S.No.	Work Category	Item/Products	Manufacturers/Makes proposed for Approval in Phase IV
2	FINISHING	SYNTHETIC ENAMELS	Acro Paints
			AkzoNobel
			Asian Paints
		POLYURETHANE PAINTS	Berger Paints
			Jenson & Nicholson
			Kamdhenu Paints
			Nerolac Paints
			Shalimar Paints
			Sherwin Williams paints
			MRF Paints
TEXTURE PAINT	Akzo Nobel		
	BSC Paints		
WALL CARE PUTTY	Birla (Aditya Birla Group)		
	EBIPL: Evershine		
	Gyproc wall Putty (Saint Gobain)		
	HIL Ltd. (Aerocon)		
	J.K.White		
	Shalimar Paints		
GLASS (FLOAT/ TOUGHENED)	Asahi Float (AIS) ✓		
	Glaverbel		
	Modiguard ✓		
	Saint Gobain		
FIRE RATED GLASS	F G Glass		
	Pilkington Glass		
	Saint Gobain ✓		
STRUCTURAL GLAZING FABRICATORS	PERMASTEELISA India Pvt. Ltd.		
	Alufit India Pvt. Ltd.		
	Shapoorji Pallonji Fab Pvt. Ltd.		
	Innovators Façade Systems Pvt. Ltd.		
3	CLADDING	GRC PRODUCTS (GRC SCREEN, PANELS etc)	Dalal Tiles Industries
			Terra firma GRC & Concrete Industries
			UniStone Products (India) Pvt. Ltd.
HIGH PRESSURE LAMINATE	Fundermax		
	Greenlam Merino		
ACRYLIC SOLID SURFACE	DuPont Korian L G Hausys - Hi Macs		
4	FALSE CEILINGS	CALCIUM SILICATE BOARD	Aerolite
			Ramco Hilux
			Promat
		METAL CEILINGS	Armstrong
			Dexune Durlum Hunter Douglas

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S.No.	Work Category	Item/Products	Manufacturers/Makes proposed for Approval in Phase IV
5	ADHESIVE, FILLERS & SEALANTS	ADHESIVE FOR TILES	Araldite EBIPL: Evershine Kerakoll Laticrete Pidilite
		TILES JOINT FILLER	Bal Adhesives and Grouts EBIPL: Evershine GE Bayer Silicone Laticrete MC-Bauchemie (India) Roff Constructions Chemicals
		POLY SULPHIDE SEALANTS	3M BASF CICO FOSROC McCoy Soudal Pidilite Sika STP Limited
		SILICONE SEALANTS	3M Dow Corning GE Bayer Silicones McCoy Soudal Sika
		SILICON WATER REPELLANT SOLUTION	Choksey Chemicals MC Bauchemie GE Bayer Silicones STP Limited Wacker-Metroark
		JOINERY & WOOD WORK PRODUCTS	PLYWOOD
6	JOINERY & WOOD WORK PRODUCTS	BLOCKBOARD	Century Ply Duroply-Sharda Plywood Green Ply Wood Merino
		LAMINATES	ARCHIDPLY Formica Corporation Greenlam Merino Royal Touche Laminates
		DRY PARTITION SYSTEMS	Aerocon (IIL Limited) Metechno V-board (Visaka Industries Ltd.)

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S.No.	Work Category	Item/Products	Manufacturers/Makes proposed for Approval in Phase IV
		TOILET CUBICLES & COMPACT LAMINATED DOORS	Fundermax Greenlam Merino
		PRESSED STEEL DOORS & FRAMES	AGEW STEEL MANUFACTURES PVT LTD Sen-Harvic Windows Pvt Ltd
		UPVC DOORS & WINDOWS	Fenesta Venster Wintrack
7	FIRE RATED DOORS	FIRE DOOR tested at CBR, as per BIS	Bhawani fire protection systems ltd. (BS) ICLEAN Hollow Metal System Pvt Ltd (NFPA & BS) NAVIR INTERNATIONAL LTD. Sehgal & Sehgal Shakti Hormann Singum Fire Protections Pvt. Ltd.
		FIRE DOOR tested at UL as per NFPA	GMP Technicals Shakti Hormann
8	PLUMBING	SANITARYWARE	Cera Euro Hindware Parryware Roca
		SANITARY & BATH FITTINGS	Hindware Jaguar Kohler Mayur Ochich
9	HARDWARE	FRAMELESS GLASS PARTITION FIXTURES	Dorma Dorset-Kaba Dline Hafele Hardwyn Kich
		SPIDER FITTING/PATCH FITTINGS	Dline Kich Ozone
		ANCHOR FASTENERS	Anchorite Fixing Technology - AFT Axel - Trixxel Bosch Fischer Boun Group Hilti India Pvt ltd Hitachi-Mungo
		STONE CLADDING CLAMPS	Anchorite Fixing Technology - AFT Axel - Trixxel Bosch Fischer Boun Group Hilti India Pvt ltd

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PHASE IV MANUFACTURERS LIST FOR ARCHITECTURAL FINISHING ITEMS

S.No.	Work Category	Item/Products	Manufacturers/Makes proposed for Approval in Phase IV
		DOOR HARDWARE/ ARCHITECTURAL PROFILES	Dorma Dorset-Kaba Dline Hafele Hardwyn Hettich Ozone
		DUCTILE IRON PIPES	Electro Steel Jindal
		CAST IRON PIPES, SS PIPES & FITTING (IS:1536)	HEPCO NECO Singhal Iron & Foundry : SKFCI
		GI & MS PIPES (IS:1239 PART-I&II IS:3589)	Jindal Prakash Pipes Surya Roshni Ltd T.T. Swastik
		GI FITTING-MALLEABLE (IS:1879 PART I TO X)	DRP KS Unik Zoloto
		UPVC PIPES & FITTINGS (IS:4985-1981)	Finolex Jindal Plast(India) Prakash Pipes Polypack Prince Rex Supreme Surya Roshni
		CPVC PIPES & FITTINGS	Ajay Ashirvad Astral Finolex Surya Roshni
		STONEWARE PIPES & GULLY TRAPS (IS:651)	Lal Chand Anand & Sons Perfect Priya Klay
		RCC PIPES (IS:458)	Daya Concrete Jain Spun Pragiti
		COPPER PIPES & FITTINGS	Mehta Tubes Mexflow Rajco
		HDPE PIPES & FITTINGS	Duraline Geberit Reliance

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RajKaj Ref No.:
21764030

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S.No.	Work Category	Item/Products	Manufacturers/Makes proposed for Approval in Phase IV
		STAINLESS STEEL PIPES	Jindal Steels Jyoti Metal Corporation Kamdhenu Om Steel Group Remi Group
		PPR PIPES & FITTINGS	Prince Supreme Uro-Allwin
11	WATER PROOFING/ REPELLANTS COMPOUND	MODIFIED BITUMINOUS MEMBRANE ROOF WATER PROOFING	Asian Paints BASF EBIPL: Evershine Flowcrete FOSROC Kemco Sika STP limited
12	METALS & ROOFS	ALUMINIUM SECTION	Bharat Aluminium Company Limited/Vedanta BALCO Bhoruka Hindalco Hindustan Aluminium Jindal Aluminium Ltd
		HOLLOW SECTIONS PIPES	APL Apollo Hi-Tech Pipes Jindal Surya Roshni
		M.S. TUBES/SECTIONS	APL Apollo ISPAT Jindal Rana Steel Swastik Pipes Tata Structure
		PREFABRICATED SS WORKS	Dline Jindal Stainless (JSL) Kich Ozone
		METAL ROOFS SYSTEMS	Kalzip SUPERTECH(INDIA) PVT LTD TATA Bluescope (Metal Coated and Pre-painted Sheets- "Zincalume", "Colorbond")
		POLYCARBONATE SHEETS	Danpalon "Lexan"(SABIC Innovative Plastics from GE)
		TENSILE FABRIC	Ferrari Mehler

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Appendix-02.

Technical Specifications

Butterfly Valve: Butterfly valve shall conform to EN 593 / BS 5155 design standard. Valve shall be wafer type, size 50 mm, pressure rating PN-16. Body material shall be cast iron grade EN-GJL-250 conforming to IS 1561 equivalent. Seat shall be black nitrile elastomer liner integrally moulded to the body. Disc shall be SG iron encapsulated with nylon. Stem shall be ASTM A479 Type 410 with protective coating. Valve shall be supplied fitted with automation system.

Pneumatic Actuator: Double acting pneumatic actuator suitable for quarter-turn (90° CCW) Operation. Body shall be extruded aluminium hard anodized. Rack and piston aluminium, pinion carbon steel. Seal material NBR. Working pressure approximately 4 bar with dry instrument air up to maximum 8 bar. Shaft bore key type. Air fail safe condition shall be stay-put safe condition.

Solenoid Valve: 5/2 internal spool operated NAMUR-type single solenoid valve. End connection 1/4" BSP (F) screwed. Body material aluminium with NBR seat. Operating pressure 2-10 bar, suitable for air media. Coil insulation Class 'F', coil voltage approximately 230 VAC Coil enclosure weatherproof IP67 with DIN connector. Cable entry 1/4" NPT female. Manual override push-and-turn type.

Panel Box: Customized panel box suitable for automatic ON-OFF application consisting of 24 level sensors.

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Item Rate BoQ:NBSR ITEMS

Tender Inviting Authority: General Manager (Civil), JMRC

Name of Work: Providing and Fixing of Automatic PHED Water Supply Control System including Control Panel, Sensor, Power Operated Actuator Valves, Control Panel Wirings, Cutting, Fitting and Installation of all components at Elevated Metro Stations and Depot of Jaipur Metro Phase-1A

Contract No: 129/JMRC/OS/Civil/Works/2025

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)													
Sl. No.	NUMBER #	TEXT #	Item Description	NUMBER #	Quantity	TEXT #	Units	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	TEXT #	TOTAL AMOUNT (Inclusive All Taxes) In Words
1	1	2	Providing and fixing of automatic PHED water supply control system including control panel, sensor, power operated actuator valves, control panel wirings, cutting, fitting and installation of all components for control at elevated metro stations and depot of Jaipur Metro Phase-1A.	4	8,000	5	Nos	13	13	53	0.00	55	INR Zero Only
Total in Figures											0.00	INR Zero Only	
Quoted Rate in Words											INR Zero Only		

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Digitally signed by Karan Singh Meena

Designation : General Manager

Date: 2026.04.24 16:46:30 IST

Reason: Approved

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