PMRP

Tender no: P1-O&M-26/2026

MAHARASHTRA METRO RAIL CORPORATION LIMITED

(Pune Metro Rail Project)

Joint Venture of Govt. of India & Govt. of Maharashtra

CIN: U60100MH2015SGC262054

17-Nov-2026

CORRIGENDUM-II (PART-A)

Name of Work: Water proofing of 30 Nos of Elevated & Underground Stations of Pune Metro Project

Tender No: P1-O&M-26/2026.

Corrigendum-II for the above-mentioned tender contains the following:

1) Part A: Extension of Dates.
2) Part B: Response to Pre-Bid Queries.

TAMBVEKAR CHANDRASHEKHA R

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AGM/Procurement & Contracts,
Pune Metro Rail Project,
Maharashtra Metro Rail Corporation Limited

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Key Details	Conditions as per NIT	Revised Provision as per this Corrigendum-I	Revised Provision as per this Corrigendum-II
Tender Document on sale	Tender Document can be downloaded from **16:00 Hrs. on 12-October-2026 to 16:00 Hrs. on 02-November-2026** from 'e-Tender portal of Govt. of Maharashtra' i.e. https://mahatenders.gov.in (hereinafter referred to as **'Maha-Tenders Portal'**)	Tender Document can be downloaded from **16:00 Hrs. on 30-October-2026 to 16:00 Hrs. on 16-November-2026** from 'e-Tender portal of Govt. of Maharashtra' i.e. https://mahatenders.gov.in (hereinafter referred to as **'Maha-Tenders Portal'**)	Tender Document can be downloaded from **16:00 Hrs. on 30-October-2026 to 16:00 Hrs. on 25-November-2026** from 'e-Tender portal of Govt. of Maharashtra' i.e. https://mahatenders.gov.in (hereinafter referred to as **'Maha-Tenders Portal'**)
Last Date & Time for submission of Bids	**Online submission** up till **16:00 Hrs.** on **02-November-2026** on Maha-Tenders portal.	**Online submission** up till **16:00 Hrs.** on **16-November-2026** on Maha-Tenders portal.	**Online submission** up till **16:00 Hrs.** on **25-November-2026** on Maha-Tenders portal.
Date & Time of Opening of Technical Bids	On **03-Nov-2026** at **16:30 Hrs** in Procurement & Contracts Dept., Metro Bhavan, 4th Floor, Premises of District Court Interchange Metro Station, Nyaymurti Ranade Path, Shivajinagar, Pune-411005, Maharashtra, India.	On **17-November-2026** at **16:30 Hrs** in Procurement & Contracts Dept., Metro Bhavan, 4th Floor, Premises of District Court Interchange Metro Station, Nyaymurti Ranade Path, Shivajinagar, Pune-411005, Maharashtra, India.	On **26-November-2026** at **16:30 Hrs** in Procurement & Contracts Dept., Metro Bhavan, 4th Floor, Premises of District Court Interchange Metro Station, Nyaymurti Ranade Path, Shivajinagar, Pune-411005, Maharashtra, India.

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AGM/Procurement & Contracts,
Pune Metro Rail Project,
Maharashtra Metro Rail Corporation Limited.

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TENDER NO. P1-O&M-26/2026 — CORRIGENDUM-II (PART-B)

NAME OF WORK: Water proofing of 30 Nos of Elevated & Underground Stations of Pune Metro Project

SN	SECTION AND CLAUSE NO.	DESCRIPTION OF CLAUSE	QUERY ON CLAUSE	MAHA METRO RESPONSE
1	Section-3, Clause 3.6 (Page 43)	Construction chemical manufacturing company can apply as OEM, will be given Priority. Bid based Certificate of authorized applicator of products to be procured by contractor from OEM. Date of certificate not to be older than three months before date of tender notice published. This clause not applicable for OEM.	1. May please clarify how "Priority" to an OEM bidder will be applied in technical / financial evaluation. 2. For non-OEM bidders, may please clarify that the authorized applicator certificate must be issued by the OEM of the waterproofing system actually proposed in the bid, along with the OEM's product supply undertaking for the full quantity.	1) Both OEM & authorised applicators will be evaluated as per evaluation criteria. 2) The authorized applicator shall provide bid based authorization certificate.
2	Section-5, Clause 5.1(b), 5.2(f), 5.3.1; Section-6, Clause 6.1.1 & 6.A.8; Section-9, Sch-A Item 7 & 9	5.1(b): warranty 05 years from date of completion of work. 5.2(f): warranty 05 years from date of acceptance/commissioning. 5.3.1: "...with 07 yrs. Performance warranty". 6.1.1: DLP 12 months. 6.A.8: liability 1 year from completion. BOQ Item 7: guarantee 10 years. BOQ Item 9: 5 years performance maintenance guarantee.	Different warranty / guarantee periods are mentioned at different places (1, 5, 7 and 10 years) with different start dates. May please clarify: 1. The governing warranty period for each BOQ item and its start date (completion or acceptance). 2. Whether a joint warranty (manufacturer + applicator) is required, and its format. 3. Whether the Performance Bank Guarantee must remain valid for the DLP (12 months) only, or for the full warranty period.	1) Section-5, Clause 5.1 (b) to be read as " warranty of 05 years from date of completion of work". 2) Section-5, Clause 5.2 (f) to be read as "warranty of 05 years from date of completion of work". 3) Section5, Clause 5.3.1: To be read as "Dr. Fixit Wonder Proof 100- Premier less and hybrid urethane elestromeric waterproofing membrane with 05 years performance warranty or any equivalent water proofing i.e. apoxy based water proofing or ceramic cementitious apoxy coating (duro guard/dura mesh). 4) Section-6, Clause 6.1.1 and 6A8: Tender conditions prevail. 5) BOQ item 7: Guarantee of 10 years to be read as 05 years. For item 9: no changes made. 6) Joint warranty (manufacturer + applicator) is required and shall be provided during execution stage. 7) The PBG remain valid for DLP (12) months only, or for the full warranty period: Tender conditions prevail. However 5% of total amount will be hold in RA-Bills and the same will be released as per follows: a) 50% of the hold amount will be released after completation of 2.5 years warranty period and the remaining withhold amount will be released after completation of total warranty period.



SN	SECTION AND CLAUSE NO.	DESCRIPTION OF CLAUSE	QUERY ON CLAUSE	MAHA METRO RESPONSE
3	Section-5, Clause 5.3.1 (Page 53)	Dr. Fixit Wonder proof 100 – primer less and hybrid urethane elastomeric waterproofing membrane with 07 yrs. Performance warranty or any similar waterproofing treatment i.e. epoxy based waterproofing or Ceramic Cementitious Epoxy Coating (Dura Guard/Duramesh) System.	1. Dr. Fixit Wonderproof 100 – two-component hybrid urethane elastomeric, UV-resistant, crack-bridging membrane. 2. Epoxy based waterproofing – two-component rigid epoxy, not UV resistant. 3. Ceramic Cementitious Epoxy Coating (Dura Guard/Duramesh) – rigid cementitious-epoxy mortar coating. These are different chemistries with different performance (elasticity, crack-bridging, UV resistance). They are not equivalent.	Similar system meeting all performance parameters as per specified chemicals will also be considerable. Methods and applicable locations will be finalised during the time of execution as per requirement.
4	Section-5, Clause 5.3.1(A) vs Section-9, Sch-A Item 9	5.3.1(A): "Break & remove the existing waterproofing layer and reach up to RCC slab level..." BOQ Item 9: "Dr Fixit / similar product make without breaking viaduct slab / Expansion joint water proofing treatments..."	The specification calls for removal of existing waterproofing up to RCC level, whereas BOQ Item 9 states "without breaking". May please clarify: 1. Whether breaking / removal of the existing waterproofing, screed or protective layer is included in Item 9. 2. If included, the approximate thickness and type of the existing layers, and whether debris removal / disposal from station roof is in the contractor's scope.	1) Section 5, Clause-5.3.1(A): If requiremnt for breaking existing water proofing araises, the same shall be included in quoted rate. 2) BOQ item 9: Viaduct slab/expansion joint shall not be disturbed during execution.
5	Section-9, Sch-A Item 9 (Page 136)	Dr Fixit /similar product make without breaking viaduct slab/Expansion joint water proofing treatments as per requirements with 5 years performance maintenance guarantee. – 6,912 Sqm	Item 9 is the main item of the tender. May please clarify: 1. Station-wise break-up of 6,912 Sqm, and split between flat area (terrace / roof / concourse) and expansion joints. Expansion joints are normally measured in running metre (Rmt) – may please confirm unit and joint widths. 2. Whether the Item 9 rate includes all sub-activities of Clause 5.3.1 (surface preparation, angle fillet, crack & joint repair with PU / hybrid sealant, geotextile, primer, two-coat membrane). 3. Which areas are UV-exposed and which are covered. 4. Scope of "performance maintenance" during the 5-year guarantee (periodic inspection / re-coating frequency).	Tender conditions prevail.
6	Section-5, Clause 5.3.2(C) (Page 54)	Expansion Joint Treatment – Ceramic Cementitious Epoxy Coating (DuraGuard) System... The prepared joint shall be filled with DuraGuard... Coating ... shall be applied uniformly over the entire Metro Ballastless Track Slab.	1. Expansion joints are designed to accommodate structural movement. Filling them with a rigid cementitious-epoxy coating may result in cracking / debonding at the first movement cycle. May please clarify the joint width and expected movement, and consider a movement-accommodating treatment (elastomeric PU / hybrid sealant over backer rod with elastomeric membrane / band). 2. Clause 5.3.2 refers to "Metro Ballastless Track Slab" and MS plates / breaker rods, whereas the scope is stations. May please clarify where Clause 5.3.2 is applicable.	1) The water proofing treatment is adjacent to expansion joint without disturbing the same and not on expansion joint. 2) Section-5, clause 5.3.2: Suitable clause i.e. 5.3.2 or 5.3.1 can be used as per the requirement and applicability in stations.

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Maha Metro Rail Pune

SN	SECTION AND CLAUSE NO.	DESCRIPTION OF CLAUSE	QUERY ON CLAUSE	MAHA METRO RESPONSE
7	Section-5, Clause 5.3.3 (Page 55)	Screed concrete at water dripping point of Train Coach AC unit outlets (in between segment parapet and track plinth)... Grade of screed concrete M-20.	No BOQ item is provided for this activity, and the location (viaduct track area) appears outside station scope. May please clarify whether this is in scope and under which BOQ item / Schedule-B it will be paid.	Screed concrete if required will be delt as per Schedule-B.
8	Section-5, Special Notes – Clause 1 (Page 55)	If any leakage or water seepage is observed during the rainy season in the treated area, the contractor shall inspect and rectify the same within 15 working days of receiving written intimation, at no additional cost to the client.	Liquid-applied membranes need a dry substrate for application and curing. During continuous rain or water stagnation, permanent rectification within 15 working days may not be technically possible.	Time extension will be granted as and when required considering the weather conditions.
9	Section-5, Special Notes – Clause 2 (Page 55)	Manufacturers/ contractor shall submit UV resistance test reports of the materials obtained from government approved lab also ... test reports of his products under use, duly tested by a government research institute like CWPRS, ARAI, MERI, NTH etc. for all the parameters specified minimum four government lab.	May please clarify: 1. Whether "minimum four government lab" means each parameter must be tested in four labs, or reports from four labs in total covering all parameters. 2. The test method and acceptance criteria for UV resistance (e.g. IS 101 Part 6 Sec 5 / ASTM G154 – 1000 hrs, no cracking / blistering / chalking, with low-temperature flexibility after exposure as per Clause 5.3.1). 3. Whether test reports in the manufacturer's name (product-specific, not contractor-specific) are acceptable, and the maximum permissible age of the reports.	Test reports covering all parameters from any one of the four labs or any NABL acrideted laboratories will be accepted.
10	Section-5, Special Notes – Clause 3 (Page 55)	3rd party inspection to be appointed to verify the mentioned product parameter.	May please clarify: 1. Whether the 3rd party agency will be appointed by PMRP or by the Contractor, and who will bear the cost. 2. Sampling method and frequency (per batch / per station / per quantity). 3. Testing to be done on the system build-up as per manufacturer's specification, and the acceptable tolerance between laboratory (TDS) values and site-sampled values.	1) Section-5: Special notes (Pg No 55): Point no 3, is deleted. 2) Sampling method and frequency shall be as per LOT received. 3) Testing to be done as per MTC.



SN	SECTION AND CLAUSE NO.	DESCRIPTION OF CLAUSE	QUERY ON CLAUSE		MAHA METRO RESPONSE
11	Section-5, Special Notes – Clause 4, Test table (Page 55)	S.No 1 Compressive Test – IS 456 & IS 6512 S.No 2 Adhesive Bond Strength – ASTM D4541 S.No 3 ASTM D4541 – IS 3085 S.No 4 Scratch Hardness (1.5 kg load) – IS 101 Part 5/Sec 2 S.No 5 Accelerated Weathering – IS 101 Part 6 Sec 5 S.No 6 Anti-Rodent – (no standard) S.No 7 Fire Resistance Test for 30 mints – (no standard)	1. S.No 1: IS 456 is the code of practice for plain & reinforced concrete and IS 6512 relates to design criteria of gravity dams – neither is a test method. Compressive strength is not relevant for a flexible membrane. 2. S.No 2: ASTM D4541 is mainly for coatings on metal substrates. For concrete, ASTM D7234 / EN 1542 is the relevant pull-off method. 3. S.No 3: A standard is shown in the parameter column. IS 3085 covers permeability of cement mortar & concrete, not membranes. May please clarify the intended parameter – if water impermeability, EN 12390-8 (as already referred in Clause 5.3.1) may be adopted. 4. S.No 4: Scratch hardness applies to rigid paint films. For elastomeric membranes, Shore A hardness (ASTM D2240 / EN ISO 868) is the relevant test. 5. S.No 6: No test standard or acceptance criteria given for anti-rodent. 6. S.No 7: Fire resistance (30 min) is a property of a building element / assembly. For waterproofing membranes, reaction-to-fire classification (EN 13501-1) is the relevant test.		Test parameters shall be as per Annexure-A enclosed.
12	Section-6A, Clause 6.A.1 (2.3) (Page 76)	All tools, machineries and materials required for regular work shall be purchased from the suppliers approved by PMRP...	May please share the list of PMRP-approved suppliers / makes for waterproofing materials, and confirm that material procured directly from the OEM, with batch-wise manufacturer's test certificates, is acceptable.		Material procured directly from the OEM, with batch-wise manufacturer's test certificates, is acceptable.
13	Section-9, Sch-A Item 2 & Item 7 (Page 133, 135)	Item 2: ...KEMPER EP primer ... KEMPER V210 treatment.. Item 7: ...Two coats of "Tapercrete" mixed with cement...	These items specify a single brand without the words "or equivalent" (unlike Item 1 and Item 9).		Equivalent will be considered subject to meeting performance parameters and approval of Maha Metro.
14	Section-9, Sch-A Item 3 (Page 133)	...Average thickness of the back bat coba to the 125mm...	May please confirm the average thickness of brick bat coba is 125 mm (text reads "125mm").		To read as 125mm.
15	Section-9, Sch-A Item 6 (Page 134)	31.03 Providing leak proof treatment by Injection grouting method ... (PMC Bhavan, DSR No- 15420 /2024-25 Rate -42 per Lit)	May please clarify: 1. Whether "31.03" is a DSR item reference or a typographical error. 2. Whether Rs. 42 per litre is a fixed rate, or bidders may quote their own rate.		1) 31.03 is a DSR item and INR 42 per liter is fixed rate and bidder shall quote accordingly.
16	Section-2, BDS – ITB 1.1 (Page 25)	The number of the Invitation for Bid/Tender (NIT) is: P1-O&M-26/2025	Tender number is shown as P1-O&M-26/2025 in the BDS and P1-O&M-26/2026 elsewhere. May please confirm the correct tender number.		To be read as P1-O&M-26/2026



Annexure-A

Proposed test parameters for elastomeric liquid-applied waterproofing membrane (Clause 5.3.1) and any "similar" system offered against it

Test reports acceptable as per any one recognised standard listed (ASTM / EN / IS), from Government or NABL (ISO/IEC 17025) accredited laboratories.

SN	Test parameter	Test method (any one)	Acceptance criteria	Remark
1	Solids content (by mass)	ASTM D1644 / EN ISO 3251	Min. 55%	Liquid-applied membrane
2	Dry film thickness (DFT)	EN 1062-1 / EN ISO 2808	Min. 1000 microns (consumption approx. 1.60 kg/m² in 2–3 coats)	As per Clause 5.3.1(D)
3	Tensile strength	ASTM D2370 / EN ISO 527-3	Min. 15 N/mm²	As per Clause 5.3.1(D); tested on system build-up as per manufacturer
4	Tear strength	ASTM D624 / EN 12310-2	Min. 100 N/mm	As per Clause 5.3.1(D); tested on system build-up as per manufacturer
5	Shore A hardness	ASTM D2240 / EN ISO 868	85 (Shore A)	As per Clause 5.3.1(D); replaces scratch hardness for elastomeric membranes
6	Dynamic crack-bridging	EN 1062-7 (Method B) after EN 1062-11 ageing / ASTM C1305	No cracking / pinholes; Class B4.2 at −10 °C (EN) or Pass (ASTM)	As per Clause 5.3.1(D)
7	Pull-off adhesion to concrete	ASTM D7234 / EN 1542	Min. 1.5 N/mm² or substrate failure	Replaces ASTM D4541 (metal substrates)
8	Peel adhesion to concrete (wet, 24 hrs)	ASTM C794	Value to be reported	As per Clause 5.3.1(D)
9	Water impermeability	EN 12390-8	Nil penetration at 10 bar	As per Clause 5.3.1(D); replaces IS 3085
10	Solar Reflectance Index (white)	ASTM E1980	Min. 90	For UV-exposed areas; as per Clause 5.3.1(D)
11	Accelerated weathering / UV resistance	IS 101 Part 6 Sec 5 / ASTM G154	1000 hrs: no cracking, blistering or chalking; flexible at −20 °C after exposure	As per Clause 5.3.1(D) and Special Note 2
12	Alkali resistance	EN 1847 or equivalent	No appreciable change	Concrete substrate compatibility
13	Reaction to fire	EN 13501-1	Classification to be declared with test report	Replaces "Fire resistance 30 min" for membranes
14	VOC content	EN ISO 11890-2 / IS 101 Part 2 Sec 3	Value to be declared	Occupied station areas

