

Name of work : Detailed Design Consultancy Services for the Detailed Design of Architectural and Tunnel Ventilation System (TVS), including SES Simulation and CFD Simulation of Stations and Tunnel; Environmental Control System (ECS); Building Management System (BMS); and E&M Services for two (02) Underground Stations—Thane Junction and New Thane of the Thane Integral Ring Metro Project (Section Length: 3.35 km).

Tender No. T1-024/DDC-03/2025

DATE : 12.03.2026

CORRIGENDUM - 6

Following modifications in the Bid provision shall apply:

Sr. No.	Section	Page no./Clause No.	Existing	Revised
1	NIT	Document on Sale	Documents can be downloaded from 16.00 hrs. On 12.01.2026 to 16.00 Hrs. on 12.03.2026 from Maha-Metro, e-tender portal.	Documents can be downloaded from 16.00 hrs. On 12.01.2026 to 16.00 Hrs. on 02.04.2026 from Maha-Metro, e-tender portal.
2	NIT	Date & Time of submission of Tender	Online submission from 16.00 Hrs on 05.02.2026 to 16.00 Hrs. on Dt. 12.03.2026 on Maha-Metro, e-tender portal.	Online submission from 16.00 Hrs on 05.02.2026 to 16.00 Hrs. on Dt. 02.04.2026 on Maha-Metro, e-tender portal.
3	NIT	Date & Time of Opening of Tender	On Dt. 13.03.2026 after 16.30 Hours in Procurement Department, 1st Floor, "Metro Bhawan", East High Court Road (VIP Road), Near Dikshabhoomi, Ramdaspath, Nagpur-440010.	On Dt. 06.04.2026 after 16.30 Hours in Procurement Department, 1st Floor, "Metro Bhawan", East High Court Road (VIP Road), Near Dikshabhoomi, Ramdaspath, Nagpur-440010.
4	NIT	Last date of EMD/Bid security to reach Mahametro	18.03.2026	09.04.2026
5	Part-2: Work Requirement Section-VIIA: Scope of Work-1	2.0 Extent of Services 2.1 Services to be provided 2.1.2 (iv) Page 175 of 730	iv. DDC needs to design the Station building as per the parameters of the Detailed Project Report , discussions and requirements of Maha Metro. Approved Design Basis Report (Underground Stations) and Schedule of Dimensions (SOD) shall also be taken into consideration. Any changes in the design parameters will be conveyed to the DDC and no extra payment will be admissible for the revision due to change in design parameters.	iv. DDC shall design the Station Building in accordance with the parameters stipulated in the Detailed Project Report (DPR), discussions and requirements of Maha Metro. The Approved Design Basis Report (Underground Stations) and Schedule of Dimensions (SOD) shall also be duly considered. In case of any modifications to the design parameters, the same shall be communicated to the DDC in writing. No extra payment shall be admissible for revisions arising out of such changes in design parameters, unless the modifications result in a total change of scheme or require overhauling of the entire approved design concept. In the event of such fundamental change in scheme, the impact on scope and fees shall be mutually discussed and agreed separately.



Following modifications in the Bid provision shall apply:

Sr. No.	Section	Page no./Clause No.	Existing	Revised
6	Part-2: Work Requirement Section-VIIA: Scope of Work-1	2.0 Extent of Services 2.1 Services to be provided 2.1.2 (xxxii) Page 178 of 730	DDC professional fees/payments are inclusive of all responsibilities for carrying out the complete services as specified in the Scope of the Works, which include carrying out all mentioned services including all modifications, variation/addition in the design and drawings required during execution of work due to site requirement of Maha-Metro or due to requirement of any of the Maha-Metro appointed contractor or due to any other reason. Nothing extra shall be paid on any account till completion of this project in all respects beyond the fees/payments specified in the contract (i.e. quoted price of DDC).	The DDC professional fees/payments are inclusive of all responsibilities for carrying out the complete services as specified in the Scope of Work, including all modifications, revisions and updates in design and drawings required during detailed design and execution stage due to site conditions, coordination with contractors, multidisciplinary interfaces or other project requirements. No additional payment shall be made for such revisions and modifications. However, in case of substantial change in project scope or additional works specifically instructed by Maha-Metro which are beyond the original Scope of Work, the same shall be dealt with in accordance with the provisions of variation under the Contract.
7	Part-2: Work Requirement Section-VIIA: Scope of Work-1	Clause 3.8.6 Page 185 of 730	If any changes in any systems, civil and architectural plan or drawings which impact other system works including material change, scope change etc. Then DDC should immediately interface and make other system stakeholders aware of the changes to avoid any wastage, rework or delay. Also, the revise drawings (CSD, GFC etc.) incorporating the changes should be submitted within 7 days.	If any changes in any systems, civil or architectural plans/drawings impacting other system works including material change, scope change etc., the DDC shall immediately interface and inform the concerned stakeholders to avoid wastage, rework or delay. Revised drawings (CSD, GFC etc.) incorporating such changes shall be submitted within 14 days, subject to justification and approval of the Employer.



Following modifications in the Bid provision shall apply:

Sr. No.	Section	Page no./Clause No.	Existing	Revised
8	Part-2: Work Requirement Section-VIIA: Scope of Work-1	4. SERVICES TO BE PERFORMED BY THE DDC DURING CONSTRUCTION. Page 196 of 730	4.1 Detailed Drawings Additional drawings or revisions to the already approved drawings previously issued for construction (if required by Civil/Systems contractors and Maha Metro) shall be prepared by the DDC and submitted to the Maha-Metro. Where changes to the drawings are required, the DDC shall be responsible for preparing all data related to the detailed design onto drawings to be issued to the construction/system contractor. Such revisions are part of continuous updating process in conjunction with design development extending towards the completion of the structural works and E&M works. No variation/additional payment shall be made on such account.	4.1 Detailed Drawings Additional drawings and revisions to the drawings already approved and issued for construction, if required by the Civil/System Contractors or Maha Metro, shall be prepared and submitted by the DDC to Maha Metro. Wherever modifications to the drawings are required, the DDC shall prepare and incorporate all necessary detailed design information for issue to the Construction/System Contractors. Such revisions shall be considered part of the continuous design development and updating process up to the completion of the structural and E&M works. No variation or additional payment shall be admissible on this account, unless the revisions arise due to a total change in scheme or require overhauling of the entire approved design concept, in which case the impact on scope and fees shall be mutually discussed and agreed separately.
9	Part-2: Work Requirement Section-VIIA: Scope of Work-2	4. Organisation of the DDC 4.1 General (c) Page 301 of 730	(c) One (1 no.) Project Manager & One (1 no.) Design Co-ordinator at Bhopal & One (1 no.) Project Manager & One (1 no.) Design Co-ordinator at Indore shall be posted full time and are to be deployed within 30 days from the issue of LOA for the full duration of the Contract.	(c) One (1 no) Project Manager & One (1 no) Design coordination shall be posted at Thane full time are to be deployed within 30 days from the issue of LOA for the full duration of the Contract.
10	Part-2: Work Requirement Section-VIIA: Scope of Work-2	4. Organisation of the DDC 4.1 General (f) Page 301 & 302 of 730	(f) The professional experts and their supports staffs shall be available in local office in Bhopal and Indore as and when required by Employer/Engineer. This is essential to ensure proper coordination, control and interfaces of the work.	(f) Deleted



Following modifications in the Bid provision shall apply:

Sr. No.	Section	Page no./Clause No.	Existing	Revised
11	Part-2: Work Requirement Section-VIIA: Scope of Work-2	7.9 Delivery of Tender Drawings, BOQ's, Cost Estimates and Specifications Page 312 & 313 of 730	(d) DDC Shall Prepare comprehensive cost estimate for the works and Bill of Quantities (BOQs) for E & M Contracts separately for tendering by MPMRCL, if required. DDC shall verify Bill of Quantities of each Schedule before issuance of Tender Documents and confirm to Employer/Engineer that all items of works have been incorporated in the BOQ documents. The Quantities of various item should be carefully worked out and if found that the variations with respect to execution drawings is more than 5% then a lump sum compensation may be deducted at 10% of the total fee. Decision of the Employer/Engineer, shall be final and binding on the consultant.	(d) DDC Shall Prepare comprehensive cost estimate for the works and Bill of Quantities (BOQs) for E & M Contracts separately for tendering by Maha-Metro, if required. DDC shall verify Bill of Quantities of each Schedule before issuance of Tender Documents and confirm to Employer/Engineer that all items of works have been incorporated in the BOQ documents.
12	Part-2: Work Requirement Section-VIIA: Scope of Work-1 Section-VIIB: Scope of Work-2	Clause 12.3 – DIGITAL DELIVERY OF PROJECT (Pages 214 to 216 of 730) Clause 3.9 – Design Management on 3D BIM Platform and PMIS (Pages 290 to 293 of 730)		Refer Annexure-C to this Corrigendum.

- Enclosures:
1. Annexure-A Replies to Pre-bid.
 2. Annexure-B MDPT Sheet (LOD/LOI)
 3. Annexure-C Digital Delivery, BIM, CDE and PMIS Requirements




12/03/2026
Executive Director (Procurement),
Maharashtra Metro Rail Corporation Limited

MAHARASHTRA METRO RAIL CORPORATION LIMITED

THANE INTEGRAL RING METRO RAIL PROJECT

Date: 11.03.2026

Annexure-A to Corrigendum-6 (Reply to Pre-Bid queries)

Name of Work: Detailed Design Consultancy Services for the Detailed Design of Architectural and Tunnel Ventilation System (TVS), including SES Simulation and CFD Simulation of Stations and Tunnel; Environmental Control System (ECS); Building Management System (BMS); and E&M Services for two (02) Underground Stations—Thane Junction and New Thane of the Thane Integral Ring Metro Project (Section Length: 3.35 km).

Tender No: T1-024/DDC-03/2025

S No	Section, Clause & Page no.	Clause Description	Query/Clarification	Maha-Metro Reply
1.	Part-1: Bidding Procedure Section-II: Bid Data Sheet ITB 14.7 Page 42 of 730	Successful bidder has to pay the applicable stamp duty towards the registration of Contract Agreement, as per prevailing norms /act of Govt of Maharashtra	The value of stamp duty required for contract agreement and the agreement registration charges may please be specified to understand the financial implications. For Kind Consideration	As per the Maharashtra Stamp Act - 1958
2.	Section-III: Evaluation & Qualification Criteria, Clause No. 1.1 Nationality Page 58 of 730	The Bidder must be a Single Entity/Company registered in India under Companies Act 2013.	We would like to comment that there are many Multi-national Engineering Consulting Companies having registered office in India and incorporated under the company act 1956. Thus, would request client to modify the clause as: <i>"The Bidder must be a Single entity/Company registered in India under Companies Act 2013 or 1956."</i> For Kind Consideration	It is clarified that, A company registered under the Companies Act 1956 is considered to be registered under the Companies Act 2013
3.	QCBS Evaluation Criteria of 730	E. Quality-Based Evaluation (Technical Evaluation) Criteria.	To ensure a more balanced and comprehensive assessment of bidders. We propose that the weightage for "Approach & Methodology" be reduced and the marks redistributed to "Firm Experience" (Criteria II and III) and "Team" (Criteria IV). This will enable a fairer evaluation of both technical capabilities and innovative approaches. In lieu of above request you to amend the criteria as follows:	Tender Conditions shall prevail



NAGPUR METRO


S No	Section, Clause & Page no.	Clause Description	Query/Clarification			Maha-Metro Reply																															
			Criterion	Weightage (%)	Max Marks																																
		<table border="1"> <thead> <tr> <th>Criterion</th> <th>Weightage (%)</th> <th>Max Marks</th> </tr> </thead> <tbody> <tr> <td>I. Average Annual Turnover</td> <td>10</td> <td>80</td> </tr> <tr> <td>II. DDC Services for Total Length of Tunnel for Metro rail projects</td> <td>15</td> <td>120</td> </tr> <tr> <td>III. DDC Services for Total number of stations for Metro rail projects</td> <td>15</td> <td>120</td> </tr> <tr> <td>IV. Team</td> <td>15</td> <td>120</td> </tr> <tr> <td>V. Approach & Methodology</td> <td>45</td> <td>360</td> </tr> </tbody> </table>	Criterion	Weightage (%)	Max Marks	I. Average Annual Turnover	10	80	II. DDC Services for Total Length of Tunnel for Metro rail projects	15	120	III. DDC Services for Total number of stations for Metro rail projects	15	120	IV. Team	15	120	V. Approach & Methodology	45	360	<table border="1"> <tbody> <tr> <td>I. Average Annual Turnover</td> <td>15</td> <td>120</td> </tr> <tr> <td>II. DDC Services for Total Length of Tunnel for Metro rail projects</td> <td>25</td> <td>200</td> </tr> <tr> <td>III. DDC Services for Total number of stations for Metro rail projects</td> <td>25</td> <td>200</td> </tr> <tr> <td>IV. Team</td> <td>25</td> <td>200</td> </tr> <tr> <td>V. Approach & Methodology</td> <td>10</td> <td>80</td> </tr> </tbody> </table>	I. Average Annual Turnover	15	120	II. DDC Services for Total Length of Tunnel for Metro rail projects	25	200	III. DDC Services for Total number of stations for Metro rail projects	25	200	IV. Team	25	200	V. Approach & Methodology	10	80	
Criterion	Weightage (%)	Max Marks																																			
I. Average Annual Turnover	10	80																																			
II. DDC Services for Total Length of Tunnel for Metro rail projects	15	120																																			
III. DDC Services for Total number of stations for Metro rail projects	15	120																																			
IV. Team	15	120																																			
V. Approach & Methodology	45	360																																			
I. Average Annual Turnover	15	120																																			
II. DDC Services for Total Length of Tunnel for Metro rail projects	25	200																																			
III. DDC Services for Total number of stations for Metro rail projects	25	200																																			
IV. Team	25	200																																			
V. Approach & Methodology	10	80																																			
4.	Section-III: Evaluation and Qualification Criteria Criteria IV Page 69 of 730	Lead Design Electrical Engineer, Lead Design Mechanical Engineer , with experience in the design of Metro Projects with Elevated Metro Stations/ Depots/ Depot Buildings and Viaduct/ HVAC/ Environment Control System (ECS)/ Fire suppression works Interface.	<p>We would like to highlight that Viaduct Experience is not relevant to Lead Design Electrical/Mechanical Engineer. So, we would request to remove the requirement for Viaduct from the Expert's Requirement.</p> <p>For Kind Consideration.</p>			It is clarified that, experience of Viaduct is not necessary.																															
5.	D) Criterion IV: Marking/Scoring system for Personnel for Experts on payroll (Min. 06 month before the date of issuance of tender) of the bidder.	<p>Team Leader, Lead Architect, Lead Design Electrical Engineer, Lead Design Mechanical Engineer, Lead Utility & Services Engineer, Sr. Architect, Senior Geotechnical Engineer, BIM Manager, Architectural Expert, MEP Expert.</p> <p>And 1.2.6 DDC's key personnel dedicated to the project. Apart from the above, DDC's key personnel dedicated to the project must be stationed in Thane with an office set-up and be available at Maha-Metro office as and when required by Maha-Metro. DDC works should be checked and verified by DDC – Head of respective discipline prior</p>	<p>We understand that following three Key Personnel will be stationed in Thane:</p> <ol style="list-style-type: none"> 1. Team Leader – MEP 2. Electrical Designer (E&M/Fire Fighting) 3. Mechanical Engineer (ECS-TVS) <p>The Key Personnel (totalling 10, whose CVs will be submitted along with the bid) are allowed to work from their respective Head Office.</p> <p>Kindly confirm if our understanding is correct.</p>			Please refer to Cl. 5.1.2 of Part-2 at Page No. 198 of the Tender Document																															



S No	Section, Clause & Page no.	Clause Description	Query/Clarification	Maha-Metro Reply
	Page 69, 228 of 730	to submission to Maha-Metro. DDC to submit CVs of respective engineers for approval within 2 weeks from the date of award of work.		
6.	Section-IV: Bidding Forms Page 90 of 730	<p>Form – 12: Outline Project Management Plan</p> <p>The Bidder shall include its proposals for its Co-ordination Control Team and include the name and qualifications of the Team Leader responsible for the interface co-ordination with Designated Consultants.</p> <p>The Bidders shall provide a complete staffing schedule and organization chart as required under Section-III of Part-1 of Bid Document</p>	<p>As per Criteria mentioned under Evaluation & Qualification Criteria, we understand that we have to submit CVs of Key Positions 1 to 10 only in "Form – 4: Organization Chart & Deployment of Staff".</p> <p>Kindly Confirm.</p>	<p>It is clarified that, the requirement of submission of the CVs of the experts at Criterion IV (Page-69) is for evaluation under QCBS score.</p> <p>Bidder shall submit all the relevant information supported by requisite documents in Form-4 and Form12 including but not limited to the above mentioned 10 experts.</p>
7.	Section-IV: Bidding Forms Page 95, 96 and 98 of 730	<p>Note for Form-16, 17 & 19:</p> <p>1) <i>In addition to the above Form, the Bidder shall provide a Certificate from Statutory Auditor certifying the above information along with valid UDIN.</i></p>	<p>Applying for issuance of such certificate from a Statutory Auditor is quite a cumbersome & time taking process which takes more than 15-20 days. Thus, we request you to kindly allow Chartered Accountant Certification along with the registration number and valid UDIN for signature on the relevant forms wherein currently only statutory auditor is mentioned.</p> <p>If this is not acceptable to the client, we request to provide a minimum 03 Week Extension from the date of releasing the Pre Bid Clarifications.</p> <p>For Kind Consideration.</p>	<p>Tender Conditions shall prevail</p>
8.	Form 24 Part-1: Bidding Procedure Section-IV: Bidding Form Page 108 of 730	<p>Form of Legal Capacity/Power of Attorney – Form 24 Format for Board Resolution.</p>	<p>As it is not practically possible to issue a new board resolution for a specific tender, we request client to consider the Standard Board Resolution of the Consultants which clearly gives authorization and signing authority from the Board to Authorized Signatory and applicable for all the tenders as</p> <p>And request you to amend the clause as below: "Form of Legal Capacity / Power of Attorney – Form 24 to be passed is only applicable in case a Firm/</p>	<p>It is clarified that if the Board Resolution submitted by the Bidder satisfies all the requirements of the format prescribed in the tender document, such Board Resolution shall be considered acceptable.</p>

S No	Section, Clause & Page no.	Clause Description	Query/Clarification	Maha-Metro Reply
			<p>company does not have any standard Board resolution".</p> <p>For Kind Consideration.</p>	
9.	<p>Section-IV: Bidding Forms</p> <p>RFP Part02, Page 98 of 730</p>	<p>Form – 19: Current Contract Commitments / Design Consultancy Works in Progress</p> <ul style="list-style-type: none"> • Value of Outstanding Consultancy work (Eq. USD) Average monthly invoicing of last Six months (US\$/Monthly) 	<p>Client has requested Amount in INR in multiple forms whereas in this Form, client has requested for Equivalent USD amount for Value of Outstanding Consultancy Work & Average Monthly Invoicing. Would request client to confirm the Exchange Rate for Conversion from INR to USD & USD to INR.</p> <p>Kindly Confirm.</p>	<p>It is clarified that, since this is a National Competitive Bidding (NCB) process, the financial figures are not required to be stated in equivalent USD; instead, the values may be mentioned in INR. However, the Certificates bearing values in Foreign Currencies may be converted to INR as per ITB 32.1.</p>
10.	<p>Section-IV: Bidding Forms</p> <p>Page 101 of 730</p>	<p>Form – 21: Specific Detailed Design Experience</p> <p>5. Design rate for key activities Structural/Architectural/MEP</p>	<p>Please provide more clarity on the design rate mentioned in Form-21 as not all the eligible projects will have break-up of design rate key activities/discipline-wise nor client provide completion certificate with break-up of consultancy fees key activities/discipline wise. So, would request to delete the requirement of design rate from Form – 21.</p> <p>For Kind Consideration</p>	<p>Bidder may provide information if available.</p>
11.	<p>Section-IV: Bidding Forms</p> <p>Page 101 of 730</p>	<p>Form – 21: Notes:</p> <p>3 Value of successfully completed portion of any ongoing work up to date of Bid submission will also be considered for qualification of work experience criteria.</p>	<p>We understand that, for the purpose of relevant experience, completion of the design phase in ongoing assignment would qualify the assignment as eligible.</p> <p>Kindly Confirm</p>	<p>Please refer "Special Notes"(Page-65) iii. Performance certificates will be considered for qualification only if the scope of work (DDC work) under the contract is complete in all respects, except for construction support activities, if any</p>
12.	<p>Section-IV: Bidding Forms</p>	<p>E) Criteria-V Approach and Methodology:</p>	<p>We understand that Presentation is not supposed to be submitted with the Proposal and Presentation</p>	<p>Presentation along with its Printed Copy is</p>



S No	Section, Clause & Page no.	Clause Description	Query/Clarification	Maha-Metro Reply
	Page 138 of 730	Bidder shall submit the detailed presentation covering Pointers given under Criteria-V in Cl. 6 of the Section-III of the Bid Document. Bidder shall submit this when they are invited for the Presentation as part of the Quality Based Evaluation	along with its Printed Copy is required when the Bidder is invited for this Presentation. Kindly Confirm.	required when the Bidder is invited for this Presentation.
13.	Section-IX: General Conditions of Contract, Clause No. 21 Page 637 of 730	21. Time for Payment Amounts due to the Tenderer shall be paid promptly.	Would request client to mention the time in days for payment. For Kind Consideration	Tender Conditions in this regard are clear.
14.	2.0 EXTENT OF SERVICES Page 176 of 730	xi. DDC will prepare and update design stage Combined Services Drawings (CSD), Structural Opening Drawings (SOD) and Structural-Electrical-Mechanical Drawings (SEM) and MEP, ECS, TVS, BMS, Firefighting drawings and Interface/Coordination Drawings. DDC will give all deliverables in a format compatible with BIM, and it will be the responsibility of DDC to ensure no ambiguity. xii. DDC to submit the list of all deliverables such as list of drawings, calculation, BOQ, QAP, Method statement Tender specification etc pertains to E&M & ECS TVS services in the format approved by Maha Metro. The formats to be updated regularly incorporating all revisions and to be submitted to Maha-Metro every month. xiii. DDC will incorporate and co-ordinate changes in Combined Services Drawing (CSD) & design due to System & E&M interfacing. xiv. DDC will incorporate changes in design resulting from the reviews carried out by Maha-Metro and/or Maha-Metro appointed GC who will be acting as the Engineer-in-charge (in case of appointment of GC) for the project.	We would like to request the client to provide the LOD Level of Development (LOD), for all services/ discipline. For Kind Consideration	Please refer the Corrigendum-6.  Maha Metro Rail Corporation Limited NAGPUR METRO
15.	Page 185 of 730	3.8.6 If any changes in any systems, civil and architectural plan or drawing which impact other system works including material change, scope change etc. Then DDC should immediately interface and make other system stakeholders aware of the changes to avoid any wastage, rework or delay. Also, the revised drawings (CSD, GFC etc.) incorporating changes should be submitted within 7 days.	A 7-day turnaround for revised CSD/GFC Drawings are not realistic due to the complex multi-disciplinary coordination required to ensure accuracy. Request to Please consider 15 days turn around for the same.	The provision of 7 days has been kept ensuring timely dissemination of revised drawings and avoid construction delays. However, considering the

S No	Section, Clause & Page no.	Clause Description	Query/Clarification	Maha-Metro Reply
			For Kind Consideration	need for multidisciplinary coordination in certain cases, the clause is revised. Refer Corrigendum-6.
16.	Page 191 of 730	<p>3.9.14 Solar Energy Utilization</p> <p>All station buildings are envisaged as fully compliant with the require of solar energy utilization. Station DDC will consider making provis solar panels in the station building.</p> <p>Design of solar panel arrangement for utilization of solar energ specialized work. For this purpose, DDC may engage at its own cos competent sub-consultant for designing buildings for utilization of energy, if required. At an appropriate stage, DDC will submit to Maha a list of three sub consultants along with their credentials who have exp in design of solar panel arrangement and utilization of solar energy. the three names proposed, Maha-Metro will approve one sub-con who will be engaged by DDC at their own cost for designing solar e utilization compliant buildings.</p>	<p>As per the clause, the design work related to solar panel lies with the selected DDC via sub consultant who should be selected by the DDC only and not through client approval.</p> <p>Please confirm.</p>	The DDC shall submit a panel of three competent sub-consultants along with their credentials for approval of Maha-Metro. One of the approved sub-consultants shall be engaged by the DDC at its own cost for carrying out the design of solar panel arrangement and solar energy utilization.
17.	Page 196 of 730	<p>DDC's experts shall be present during various inspections, especially at time of inspection by officials of Maha-Metro or GC. DDC shall ensure design-related clearance from Commissioner of Metro Railway Safety (CM for commissioning Metro Line. DDC shall submit records for provis</p>	<p>It is the responsibility of the client to obtain the necessary clearances from CMRS whereas DDC is responsible to assist in preparing drawings / documents related to the approval.</p> <p>Please confirm.</p>	<p>The DDC shall prepare and submit all design documents, drawings, calculations, safety certification documents and other technical submissions required for CMRS approval and commissioning of the Metro Line.</p> <p>The DDC shall assist Maha-Metro during CMRS inspections, provide necessary clarifications and support in obtaining CMRS clearance. However, submission to CMRS and obtaining statutory approvals shall rest with Maha-Metro.</p>



S No	Section, Clause & Page no.	Clause Description	Query/Clarification	Maha-Metro Reply
18.	Page 300 of 730	<p>3.20.6 Liaison Work</p> <p>3.20.6.1 The DDC shall co-ordinate and liaise with all concerned local authorities, private and Government agencies to obtain approvals and clearances as deemed necessary, depending on the conditions prevalent at site.</p>	<p>In standard practice coordination and liaison from local authorities, private & government agencies for obtaining approvals are done by client and DCC shall assist in preparing drawings / documents related to the approval.</p> <p>For Kind Consideration</p>	Tender Conditions shall prevail
19.	Page 215 of 730	<p>System Wise Deliverables:</p> <ul style="list-style-type: none"> • Creation of 3D engineered intelligent Models using discipline specific modelling / engineering applications as defined in EIR. • Extracting 2D drawings from 3D engineered intelligent Models in CAD-plan, section, elevation, and other relevant details (based on specific engineering disciplines) to be accessed by the DDC for construction. <ul style="list-style-type: none"> • DDC shall comply with the following requirements in regard to the production of all the CAD (3D/2D) data files and building information modelling (BIM) work. • Model File Production Principles. • DDC shall model all design and construction information as an individual discipline model and then collaborate it in single master 3D composite model, using object-based software, allowing for 2D models/drawings to be extracted as required. • DDC shall create and share details of individual components of 3D models for each discipline involved. • DDC shall share all individual discipline models as well the collaborated single master model through the Maha-Metro's Platform for review by GC/Employer. Clash detection and resolution process will run in this composite area. <p>All 3D model data together with all 2D drawing extractions needs to be spatially coordinated with the Geospatial System. UTM/WGS84 coordinate system needs to be followed for proper geo-referencing of all the engineered 3D models that will be created.</p>	<p>As the LOD (Level of Development) is essential for defining model content and the progression of information at each stage, we kindly request the client to provide the LOD.</p> <p>Kindly Confirm.</p>	Please refer the Corrigendum-6.



S No	Section, Clause & Page no.	Clause Description	Query/Clarification	Maha-Metro Reply
20.	Page 215 of 730	In order to ensure the quality of BIM Models in 3D Format. The DDC/Contractors need to provide four sets of licenses of Revit, Navisworks Manage, and AutoCAD (Version of mentioned software may be upgraded as and when required by Employer) to the Employer for checking the suitability of the models and coordination. The cost of such licenses shall be borne by DDC/Contractor. The software licenses shall be provided to Employer/GC within 30 days of award of contract and licenses shall be valid till 3 months after the project work has been certified as completed by the Employer.	<p>We would like to bring your kind attention that in general industry practice and in our previous engagements, such costs related to project-specific software licenses are typically reimbursed by the client, considering that the licenses are acquired solely for the purposes of the project and for the benefit of the Employer's review process. We request you to consider reimbursing the cost of these licenses.</p> <p>For Kind Consideration</p>	Tender Conditions shall prevail
21.	Page 290, 291 of 730	Enable higher efficiency and effectiveness, not only in internal functions, but also across the entire ecosystem of the Employer including Contractors. The PMIS will include:	<p>1.) Please specify the platform, version, and modules of the Employer's current PMIS. Is there any preferred vendor or technology stack (e.g., Primavera, Oracle Unifier, MS Project, proprietary system, ACC, ProjectWise etc.).</p> <p>2.) PMIS integrate the visual model with management data (like 4D scheduling or 5D cost) in a single system, offering real-time insights, improved collaboration, better quality control, and risk reduction for construction projects, essentially linking the "what" (the model) with the "how" (the management process). Does 4d / 5D is in DDC scope or only project management?</p> <p>Please Specify.</p>	Please refer the Corrigendum-6.



S No	Section, Clause & Page no.	Clause Description	Query/Clarification	Maha-Metro Reply
22.	Page 373 of 730	<p>System Wise Deliverables:</p> <p>Creation of 3D engineered Intelligent Models using discipline specific modelling engineering applications as defined in EIR.</p> <p>Extracting 2D drawings from 3D engineered intelligent Models in CAD-plan, section, elevation, and other relevant details (based on specific engineering disciplines) to be accessed by the DDC for construction.</p> <p>DDC shall comply with the following requirements in regard to the production of all CAD (3D/2D) data files and building information modeling (BIM) work.</p> <p>Model File Production Principles</p> <p>DDC shall model all design and construction information as an individual discipline model and then collaborate it in single master 3D composite model, using object-based software allowing for 2D models/drawings to be extracted as required.</p> <p>DDC shall create and share details of individual components of 3D models for each discipline involved.</p> <p>DDC shall share all individual discipline models as well the collaborated single master model through the Maha-Metro's 5D BIM Platform for review by GC/Employer. Conflict detection and resolution process will run in this composite area.</p> <p>All 3D model data together with all 2D drawing extractions needs to be spatially coordinated with the Geospatial System. UTM/WGS84 coordinate system needs to be followed for proper geo-referencing of all the engineered 3D models that will be created.</p>	<p>Please provide details regarding the Maha-Metro's 5D BIM Platform (e.g., name, version, accessibility requirements, supported file formats). Will the Employer/GC facilitate access credentials and training if required.</p> <p>Please Specify</p>	<p>Please refer to the Corrigendum-6.</p>
23.	Clause 2.0, Page 174 of 730	Statutory Approval	<p>DDC shall prepare the technical drawing/documents for fire approval and attend the meeting with fire authority. To get the certificate/approval shall not in our scope.</p> <p>Kindly confirm.</p>	<p>It is clarified that the DDC shall prepare all technical drawings, calculations, documents and submissions required for statutory approvals, including fire approval, and shall attend meetings / provide clarifications to the concerned authorities as required. However, the formal submission to the statutory authority and obtaining the final approval / certificate shall be under the scope of Maha-Metro. The tender clause shall be interpreted accordingly.</p>
24.	Page 174 of 730	<p>Note: Construction sequencing of work may require construction of tunnel prior to construction of stations. DDC shall consider this sequence in the station designs and incorporate proposed construction methodology for stations with tunnels already in place.</p>	<p>As per this clause, station design may get changed drastically depending on the construction sequencing which will come after on boarding of civil contractor and structural design, which may incur substantial time and money to the DDC.</p>	<p>The clause already indicates that construction sequencing may require tunnelling works to be executed prior to station construction. The DDC is expected to consider such</p>




S No	Section, Clause & Page no.	Clause Description	Query/Clarification	Maha-Metro Reply
			<p>Please confirm the EOT & Variation, which may occur due this activity.</p>	<p>sequencing during planning and preparation of station designs and incorporate appropriate construction methodology accordingly.</p> <p>Therefore, the bidder shall take this requirement into account while quoting. No additional payment or extension of time shall be admissible on this account.</p>
25.	Page 176 of 730	DDC to conduct interface meeting with various Civil, E&M, ECS TVS and System contractors and consultants and the MOM/reports to be submitted to Maha Metro during design and execution phases of projects	<p>In standard practice, interface coordination with different system stakeholders are managed by GC/ Engineer in charge / Client representative.</p> <p>As per this contract DDC to take up the lead of system coordination and delays pertaining to inputs from various system contractors may led to the imposition of LD clause against DDC without any of the DDC's fault.</p> <p>Please clarify.</p>	Tender Conditions shall prevail.
26.	Page 178 of 730	"DDC professional fees/payments are inclusive of all responsibilities... including all modifications, variation/addition in the design and drawings required during execution of work due to site requirement... or due to requirement of any of the Maha-Metro appointed contractor or due to any other reason. Nothing extra shall be paid on any account..."	<p>The changes which may occur at the time of detailed design / Execution stage, Beyond the control & visibility of the DDC. Should be allowed for variation / Extra claim in both time and money.</p> <p>Please confirm.</p>	<p>The DDC fees are deemed to include all design development, revisions, modifications and coordination required during detailed design and execution stage. Therefore, no additional payment shall be made for such changes. However, any substantial change in project scope specifically instructed by Maha-Metro beyond the original scope of work shall be dealt with as per</p>



S No	Section, Clause & Page no.	Clause Description	Query/Clarification	Maha-Metro Reply
				<p>the variation provisions of the Contract.</p> <p>Please refer Corrigendum-6.</p>
27.	Page 179 of 730	DDC shall explore the provision for property development integrated with station wherever there is a possibility of introduction of additional floors at all stations. If such provision is feasible detail design of same shall be in scope of this contract.	<p>There is no payment milestone in the RfP regarding the provision for property development and the extent of PD development cannot be evaluated right now at this pre- tender stage, it is requested to allow the DDC to evaluate and finalise the financial implications amicably between the client and DDC, at the detailed design stage and accordingly additional payment to be provided to DDC.</p> <p>For Kind Consideration</p>	<p>Exploration of property development within station structures and preparation of necessary designs, if found feasible, forms part of the scope of services of the DDC. Bidders are advised to consider the same while quoting their fees. No additional payment shall be admissible on this account.</p> <p>In case of independent property development projects beyond the station footprint or involving separate commercial developments, the same shall be taken up separately by Maha-Metro and shall not form part of the present consultancy scope unless specifically instructed.</p>
28.	Page 197 of 730	4.7 Construction Support Activities:	Please specify the quantum / frequency of the CSA for that the DDC can assess the financial implications.	The scope of Construction Support Activities has been defined in the tender. The requirement of site visits, inspections, coordination, clarifications, sketches/drawings and support during CMRS inspection/commissioning



S No	Section, Clause & Page no.	Clause Description	Query/Clarification	Maha-Metro Reply
				shall be as per actual project requirements during execution. No fixed quantum or frequency is prescribed. Bidders shall assess and include all necessary Construction Support Activities in their quoted fees. Submission of records/documents is only for verification of services rendered for release of payment as per the payment schedule.
29.	Clause 11.0, Page 210 of 730	Property Development	Only concept design and Area planning for property development. No detailed design of MEP services considered for property development. Kindly confirm.	Due consideration shall be given to maximise PD in the detailed design of Architectural, E&M, HVAC, Plumbing, IBMS, Wastewater system, etc. This includes MEP services also.
30.	Clause 11.0, Page 210 of 730	Property Development	We would like to request you to please define the area of property development. Kindly confirm.	Exploration of property development integrated with station structures and preparation of necessary designs, if found feasible, forms part of the scope of services of the DDC
31.	Clause 3.8.6, Page 185 of 730	3.8.6 If any changes in any systems, civil and architectural plan or drawing which impact other system works including material change, scope change etc. Then DDC should immediately interface and make other system stakeholders aware of the changes to avoid any wastage, rework or delay. Also, the revised drawings (CSD, GFC etc.) incorporating changes should be submitted within 7 days.	A 7-day turnaround for revised CSD/GFC Drawings are not realistic due to the complex multi-disciplinary coordination required to ensure accuracy. Request to Please consider 15 days turn around for the same. For Kind Consideration	Please refer the Corrigendum-6.
32.	Page 196 of 730	DDC's experts shall be present during various inspections, especially at the time of inspection by officials of Maha-Metro or GC. DDC shall ensure a design-related clearance from Commissioner of Metro Railway Safety (CMRS) for commissioning Metro Line. DDC shall submit records for providing	In standard practice obtaining the necessary clearances from CMRS is done by the client and whereas DDC is responsible to assist in preparing drawings/documents related to the approval.	The DDC shall prepare and submit all design documents, drawings, calculations, safety certification documents and other technical

S No	Section, Clause & Page no.	Clause Description	Query/Clarification	Maha-Metro Reply
			Kindly Confirm.	submissions required for CMRS approval and commissioning of the Metro Line. The DDC shall assist Maha-Metro during CMRS inspections, provide necessary clarifications and support in obtaining CMRS clearance. However, submission to CMRS and obtaining statutory approvals shall rest with Maha-Metro.
33.	Page 301 of 730	c. One (1 no.) Project Manager & One (1 no.) Design Co-ordinator at Bhopal One (1 no.) Project Manager & One (1 no.) Design Co-ordinator at Indore shall be posted full time and are to be deployed within 30 days from the issuance of LOA for the full duration of the Contract.	As the project is in Thane, Maharashtra, we request the client to clarify the role of deputing 2 project managers and 2 design coordinators in Bhopal and Indore. Kindly Confirm	Please refer the Corrigendum-6.
34.	Page no 301 & 302 of 730	F. The professional experts and their supports staffs shall be available in local office in Bhopal and Indore as and when required by Employer/Engineer. This is essential to ensure proper coordination, control and interfaces of the work.	As the project is in Thane, Maharashtra, we request the client to clarify the establishment of local offices in Bhopal and Indore. Kindly Confirm	Please refer the Corrigendum-6.
35.	Page 313 Of 730	have been incorporated in the BOQ documents. The Quantities of various items should be carefully worked out and if found that the variations with respect to execution drawings is more than 5% then a lump sum compensation may be deducted at 10% of the total fee. Decision of the Employer/Engineer, shall be final and binding on the consultant.	As per this contract & as the structural design will lie with the contractor, who will be on board later, their changes in structural design may impact heavily on the quantities prepared by DDC during the tender stage, Based on their assumptions and tender design. Kindly Remove this Clause	Please refer the Corrigendum-6.
36.	Section-IX:GCC Clause 3.2	MAHA-METRO shall be entitled to forfeit or make a claim under the Performance Security in the event of termination of the Services due to the DDC's default. Further, MAHA-METRO reserves the right to redeem the Performance Security if any defect attributable to the DDC is identified within 12 months from the date the stations/structures are brought into use for commercial	The Performance Guarantee is furnished to the client to protect and recover losses solely due to performance-related issues, not for other events in the contract that may lead to termination of services. Therefore, we request delinking the Performance Guarantee from the termination clause and deleting the highlighted part of the clause.	Tender Conditions shall prevail 

S No	Section, Clause & Page no.	Clause Description	Query/Clarification	Maha-Metro Reply
		operations, provided that the DDC fails to remedy such defect within the period specified by MAHA-METRO.		
37.	GCC -17.2	If circumstances arise for which the Tenderer is not responsible and which make it impossible for him to perform in whole or in part the Services in accordance with the Contract including force majeure, he shall promptly notify to MAHA-METRO. In these circumstances, including force majeure, if certain Services have to be suspended, the time for their completion shall be extended until circumstances no longer exist plus a reasonable period not exceeding 7 days for resumption of them.	We request you to have a mutual agreed price escalation in case of EOT due to reasons not attributable to the Tenderer. For Kind Consideration.	Tender Conditions shall prevail
38.	GCC -17.2	If circumstances arise for which the Tenderer is not responsible and which make it impossible for him to perform in whole or in part the Services in accordance with the Contract including force majeure, he shall promptly notify to MAHA-METRO. In these circumstances, including force majeure, if certain Services have to be suspended, the time for their completion shall be extended until circumstances no longer exist plus a reasonable period not exceeding 7 days for resumption of them.	There is no price adjustment clause on this contract where the design development is mainly depending on external entities i.e. Civil Contractors and Systems contractors. For Kind Consideration for Price Escalation.	Tender Conditions shall prevail
39.	GCC -Clause 18(i)	MAHA-METRO may suspend all or part of the Services or terminate the Agreement by notice of at least 30 days to Tenderer who shall immediately make arrangements to stop the Services and minimize expenditure.	We request the removal of this clause as suspension and termination of the contract should be based on valid grounds. Moreover, the termination at the sole discretion of MAHA Metro will lead to idling of manpower, significant financial burden on the consultant and therefore it will have an adverse financial impact on the project. Therefore, we request the amendment in the clause as below : <u>MAHA-METRO may suspend all or part of the Services or terminate the Agreement with valid grounds by notice of at least 30 days to Tenderer who shall immediately make arrangements to rectify the same withing 30 days, on failure to rectify it within this period, Maha Metro with further notice of 15 days will advise to stop the Services and in such case Consultant strive to minimize the expenditure.</u>	Tender Conditions shall prevail



S No	Section, Clause & Page no.	Clause Description	Query/Clarification	Maha-Metro Reply
			For Kind Consideration.	
40.	GCC -Clause 18(ii)	(ii) If MAHA-METRO considers that Tenderer is not discharging its obligations, MAHA-METRO can inform the DDC by written notice sent as per Clause 30 stating grounds thereof.	We request an amendment to the clause to include a notice period, as stated below, which will provide the Tenderer and its business with reasonable time: "(ii) If MAHA-METRO considers that Tenderer is not discharging its obligations, MAHA-METRO can inform the DDC by written notice of 30 days' sent as per Clause 30 stating grounds thereof."	Tender Conditions shall prevail
41.	GCC-Clause 18	(iv)In case the Contractor fails to adhere to the agreed programme of work by margin of 10% of the stipulated period or 21 days, whichever is earlier, or fails to complete the Works or parts of the Works within the stipulated or extended period of completion, or is unlikely to complete the whole Work or part thereof within time because of poor record of progress, the Employer at its sole discretion may terminate only part / limit the scope / de-scope part of the work of the contract also by taking out some part of the total scope of work and may complete or arrange for any other entity through the process of Open/ Limited/ Single Tender/ by calling quotations or any other manner as deemed fit at the risk and cost of the contractor. In such case, the additional financial implications (if any), shall be debited/ recovered from the any monies due to Contractor and/or performance security. The Contractor shall not be entitled for any claim in this regard whatsoever	We request to remove this clause as the same is not applicable on DDC. For Kind Consideration.	Tender Conditions shall prevail
42.	GCC - Missing clause	No clause for suspension /Termination right to the Consultant	We request for a right to suspend /terminate in the event of non-payment, delayed payment or breach of obligation by the Maha-Metro as per RFP/contract. For Kind Consideration.	Tender Conditions shall prevail
43.	GCC - 20	Payment to the Consultant : MAHA-METRO shall pay the Lump Sum Price inclusive of all taxes, duties, cess etc. (which shall cover the sum total of all costs incurred by the Tenderer as set out in Special Conditions of Contract) to the Tenderer towards the performance of services as described in Part-IV (GST as applicable will be paid extra).	As there are various activities beyond the control of the Tenderer/Detailed design Consultant, such as (i) delays in the finalization of the EPC contract, (ii) delays caused by the contractor leading to extended deployment during the construction period/support, (iii) issues arising from land acquisitions, and (iv) any other	Tender Conditions shall prevail



S No	Section, Clause & Page no.	Clause Description	Query/Clarification	Maha-Metro Reply
			activities beyond the Consultant's control, the Consultant should be permitted to claim compensation for extended deployment beyond the original contract period, as the Consultant's fee is fixed (lump sum) for the entire contract duration.	
44.	GCC -Clause 21	Time for Payment : Amounts due to the Tenderer shall be paid promptly .	We request to replace the wording "promptly" and provide a specific time period. For Kind Consideration.	Tender Conditions shall prevail
45.	SCC Clause 6 (A)	Unless terminated earlier pursuant to clauses of general condition here of, this contract shall expire when services have been completed in all respects and confirmed by Maha-Metro by issuing satisfactory completion certificate .	We need more clarity on this type of certificate, as it appears to be subjective and lacks outlined guidelines for issuance. Additionally, we want to ensure that the payments to the Tenderer/Consultant are not hindered by the issuance of this certificate.	Tender Conditions shall prevail
46.	SCC-CI 6 (C)	I) Professional Indemnity Insurance : The DDC shall produce evidence of coverage of the professional indemnity insurance before any payment is released. The insurance, which shall ensure the DDC's liability by reason of professional negligence and errors in the design of the works, shall be valid from the date of commencement of works, until uptill 12 months after all the structures in the scope of work are put to use for revenue operations. If the commissioning date is extended for whatsoever reason, the Professional Insurance shall be suitably extended by the Tenderer.	We maintain the necessary insurances which shall take care of the work under this bid. We do have our Global Insurance Policies in place, and we can share the insurance certificates upon awarding the work to us which shall act as the evidence of the coverage which can be confirmed by the client. We request to reduce the period of maintaining (keep the insurance valid) for 12-month post completion of our services. For Kind Consideration.	Tender Conditions shall prevail
47.	Contract data-SI. 27	No Legal action till Dispute Settlement Procedure is exhausted : Any and all Disputes shall be settled in accordance with the provisions of Clause 34. No action at law concerning or arising out of any Dispute shall be commenced unless and until all applicable Dispute resolution procedures set out in Clause 34 shall have been finally exhausted in relation to that Dispute or any Dispute out of which that Dispute shall have arisen with which it may be or may have been connected.	We request the removal of this provision, as it limits the consultant's ability to pursue other remedies available through the court of law. For Kind Consideration.	Tender Conditions shall prevail
48.	Contract Form-9	The Works has been or will be designed and manufactured to the highest standards available using internationally proven up-to-date good practice	We request the deletion of such requirements as highlighted, as the consultant should be expected to	Tender Conditions shall prevail

S No	Section, Clause & Page no.	Clause Description	Query/Clarification	Maha-Metro Reply
	Clause 1(h)		<p>perform according to 'reasonable standards' as per the industry standards. Also, our global policy do not cover 'highest standard of services' wordingg.</p> <p>Kindly consider amendment to reasonable standard.</p>	
49.	PART 1: BIDDING Procedure	<p>POAs and Form 23- Joint Bidding Agreement :</p> <p>Common seal of has been affixed in my/our presence pursuant to Board of Director's Resolution dated.....</p>	<p>We want to apprise you that in many foreign countries, the use of common seal is neither prevalent nor enforceable under law to execute legal documents like POA and agreements.</p> <p>So, would request client to remove the requirement of Common Seal from POA Formats and Joint Bidding Agreement, so that foreign origin firms can get these legal documents ready without common seal and participate in this bid.</p> <p>For Kind Consideration.</p>	Such specific issues shall be dealt accordingly.



Digital Delivery, BIM and PMIS Requirements:

Part-2, Section VIIA, Clause 12.3 and Part-2, Section VIB, Clause 3.9 are hereby clarified and shall be read as follows:

The DDC shall carry out all digital delivery, BIM-based design management, model coordination, document management and related digital collaboration activities under this Contract through the Employer's designated digital platform / system, as may be notified by Maha-Metro / GC during execution of the Contract.

The DDC shall ensure that its internal software tools, digital workflows, models, drawings, metadata, file structures and deliverables are compatible with the Employer's designated platform / system and with the requirements specified in the tender documents, including the applicable LOD / LOI matrix / sheet and such further digital delivery instructions as may be issued by Maha-Metro / GC during execution of the Contract, provided the same are consistent with the original Scope of Work.

The DDC shall prepare, maintain and update discipline-wise intelligent 3D BIM models, coordinated / federated models, master composite models, and all associated 2D drawings, schedules, reports and digital deliverables required under the Contract. All models shall be geo-referenced as specified in the tender and shall be developed in accordance with the applicable LOD / LOI requirements for the relevant design and construction stages.

All final design drawings, coordinated drawings, review drawings, approval drawings and GFC drawings shall be generated / extracted only from the latest approved and coordinated 3D BIM models. Standalone 2D drafting shall not be permitted for formal submissions, except for temporary sketches / mark-ups / interim site clarifications issued for discussion or urgent resolution, which shall subsequently be incorporated into the coordinated 3D BIM models and regularized through formal 2D drawings extracted from the updated models.

In case of any discrepancy between 2D drawings and the corresponding approved 3D BIM models, the approved 3D BIM model shall prevail, and the DDC shall promptly regularize the related 2D drawings accordingly.

The DDC shall carry out digital design coordination, interdisciplinary interface management, clash detection, resolution tracking, model-based reviews, and extraction / issuance of coordinated drawings and documents from the approved models, as required for execution of the works.

All submissions for review / approval, including models, drawings, reports, schedules, coordination records, revisions and related deliverables, shall be made through the Employer's designated platform / system, where applicable, or through such submission mechanism as may be instructed by Maha-Metro / GC during execution of the Contract.

The DDC shall provide digital deliverables and associated model attributes / data structures in commonly accepted interoperable formats suitable for coordination and integration with the Employer's project systems.



In order to ensure the quality and coordination of BIM Models in 3D format, the DDC / Contractor shall provide four (04) sets of valid software licenses of Revit, Navisworks Manage and AutoCAD (or equivalent upgraded versions of the said software, as may be required by the Employer) to Maha-Metro / GC for review, checking, model validation and coordination purposes. The cost of such licenses shall be borne by the DDC / Contractor. The said software licenses shall be provided within 30 days from the date of award of Contract and shall remain valid up to 3 months beyond the date on which the project work is certified as completed by the Employer.

However, unless expressly and specifically stated elsewhere in the Contract, standalone project controls and project management functions such as full construction scheduling, baseline programme preparation, 4D construction simulation as an independent deliverable, 5D cost management, cost control, resource control, earned value management, commercial forecasting, and overall project management / contract management functions shall not be deemed to be separate standalone deliverables or primary responsibilities of the DDC under this Contract. The DDC shall, however, provide all model-based design deliverables, data and reasonable technical support necessary for integration with such systems.

Access arrangements, user permissions, software compatibility requirements and any necessary orientation / familiarization for the Employer's designated digital platform, if applicable, shall be communicated by Maha-Metro / GC during execution of the Contract. Compliance with such requirements / instructions, to the extent they are within the original Scope of Work, shall be deemed included in the quoted Contract Price.

The DDC shall nominate suitable personnel for digital delivery / BIM / PMIS coordination and ensure continuity of knowledge and compliance throughout the Contract period. Any change in nominated personnel shall not relieve the DDC of its obligations under the Contract.

All costs for compliance with the above digital delivery, BIM, model coordination, software license provision and associated requirements shall be deemed to be included in the quoted Contract Price. No separate payment shall be admissible on this account, except where additional services are expressly instructed by Maha-Metro beyond the original Scope of Work.

Note: The applicable LOD / LOI Matrix / Sheet for digital deliverables shall form part of this tender and shall be read in conjunction with the above clause.

