



**Thane Municipal Corporation, Thane  
Drainage Department  
Tender No. TMC/PRO/DRAINAGE/06/2026-27  
dated 02/04/2026  
Tender ID No: 2026\_TMC\_1295009\_4**



**Comprehensive Improvement in existing sewerage system  
in Thane Municipal Corporation area under UGSS Phase I, II  
and III under AMRUT 2.0**

**Minutes of the Pre Bid Meeting and Addendum**

**City Engineer  
Drainage Department  
Thane Municipal Corporation Thane**

**Following TMC officers and representatives of the Consultants were present.**

1. Shri. Vikas Dhole (Deputy City Engineer, Drainage Dept. TMC Thane)
2. Shri. Nadeem Kazi (Executive Engineer, Drainage Department TMC Thane)
3. Shri Vivek Karande (Executive Engineer, Drainage Department TMC Thane)
4. Shri Praveen Sapale (Executive Engineer, Drainage Department TMC Thane)
5. Shri. Anant Bade (Executive Engineer, Drainage Department TMC Thane)
6. Shri Parth Chopade (M/s Ray Infrastructure Pvt. Ltd.)
7. Shri Vaijinath Somwanshi (M/s Unity Consultants Pvt. Ltd.)
8. Shri. Piyush Sawadekar (M/s Waternet Consulting Services Pvt. Ltd.)

**Representatives of the following bidders were present in the pre bid meeting / have submitted the pre-bid points physically.**

1. M/s. Gypsum Structural India Ltd., Gurgaon
2. M/s. K E Infrastructure Pvt. Ltd., Thane
3. M/s. Civil Deck Infraprojects Pvt. Ltd., Thane
4. M/s Sandesh D. Butala Dombivali
5. M/s Hirani Enterprises Borivali
6. M/s Maa Mumbra Devi Enterprises Thane
7. M/s. Genius Infra Engineering Pvt. Ltd., Jodhapur
8. M/s. KSB Limited

**Reply to the various queries raised by the bidders for the work of Comprehensive Improvement in existing sewerage system in Thane Municipal Corporation area under UGSS Phase I, II and III under AMRUT 2.0 are as follows;**

**COMPLIANCE OF PREBID MEETING FOR THE TENDER NO: TMC/PRO/DRAINAGE/06/2026-27 dated 02/04/2026**

**MINUTES OF THE PRE-BID MEETING**

**Name of Work: - Comprehensive Improvement in existing sewerage system in Thane Municipal Corporation area under UGSS Phase I, II and III under AMRUT 2.0**

**Tender ID: 2026 TMC 1295009 4**

**Date of the Pre bid-Meeting: 20-04-2026 at 11:30 am**

**Drainage Department.**

**1. M/s. GYPSUM INDIA PVT.LTD.**

| Sr. No. | Volume / Section   | Page No.   | Cl. No.                      | Specification   | Bidders Query | TMC Clarification     |                         |  |  |  |   |                    |
|---------|--|--|------------------------------|---|---------------|-----------------------|-------------------------|--|--|--|---|--------------------|
| 1.      | Volume-I   | Pg. No. 11 of 188  | 5.2.A.3 – Technical Criteria | <p>The similar works comprises of the designing, construction, commissioning, Providing, laying of sewer line by open cut method and trenchless technology (Micro tunnelling and Auger Boring etc or/any other technology) along with the construction of pumping station (APS Auxiliary/Booster pumping station / SPS Sewage Pumping station), pumping machinery and rising main works pertaining to sewerage system which shall include collection conveyance system and allied works including operation and maintenance.</p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Components in Project</th> <th>Experience required for</th> </tr> </thead> <tbody> <tr> <td></td> <td>Gravity Mains/ Trunk Sewer Main by micro tunnelling and Auger boring</td> <td>3) The bidder should have completed Single work having pipe diameter 600mm dia. and above diameter having length of 5,221 m.</td> </tr> </tbody> </table> | Sr. No.       | Components in Project | Experience required for |  | Gravity Mains/ Trunk Sewer Main by micro tunnelling and Auger boring | 3) The bidder should have completed Single work having pipe diameter 600mm dia. and above diameter having length of 5,221 m. | <p>The major scope of work comprises of Micro tunneling works. However, in the similar works the experience of micro tunneling is not mentioned. To allow for bonafide EPC contractors having microtunneling experience kindly amend the similar works requirement to following: “The bidder should have completed single work having minimum pipe diameter of 600mm dia. and having minimum length of 4000m by Microtunneling method.”</p> | As per corrigendum |
| Sr. No. | Components in Project  | Experience required for  |                              |   |               |                       |                         |  |  |  |   |                    |
|         | Gravity Mains/ Trunk Sewer Main by micro tunnelling and Auger boring | 3) The bidder should have completed Single work having pipe diameter 600mm dia. and above diameter having length of 5,221 m. |                              |   |               |                       |                         |  |  |  |   |                    |

| Sr. No. | Volume / Section | Page No.           | Cl. No.               | Specification   | Bidders Query  | TMC Clarification |
|---------|------------------|--------------------|-----------------------|---|--|-------------------|
| 2.      | Volume-I         | Pg. No. 146 of 188 | General Scope of work | The work is to be executed at several locations named as PS 1 to 10, Kalwa & Mumbra | The work comprises of several activities to be executed at multiple locations. Therefore, in the interest of faster project execution it is requested to separate the micro tunneling component from the total scope of work and call for separate tender for tunnel specific agencies to participate. | As per NIT.       |

**2. M/S. K. E. INFRASTRUCTURE PVT. LTD. THANE (EAST)**

| Sr. No. | Volume / Section | Page No.          | Cl. No.                        | Specification                        | Bidders Query  | Clarification      |
|---------|------------------|-------------------|--------------------------------|--------------------------------------|--|--------------------|
| 1.      | Volume-I         | Pg. No. 14 of 174 | Detailed Tender Notice Cl. 05. | Last date of submission – 27/04/2026 | As Thane Municipal Corporation has floated multiple tenders of similar nature simultaneously and all these tenders are of significantly large magnitude, the documentation requirements are extensive. Collection, verification, notarization, and certification of such large number of documents is a time-consuming process and practically requires at least 3 to 4 weeks. Therefore, we humbly request to extend the bid submission date by a minimum of 4 weeks. | As per corrigendum |
| 2.      | Volume-I         | Pg. No.           | Detailed Tender                | Tender fee and EMD shall be paid by  | It is requested that Earnest Money Deposit (EMD) should also be accepted in the form of  | As per NIT.        |

| Sr. No. | Volume / Section | Page No.          | Cl. No.                       | Specification  | Bidders Query  | Clarification   |
|---------|------------------|-------------------|-------------------------------|--|--|---|
|         |                  | 11 of 174         | Notice Cl. 01.                | 1. SBI Net Banking or<br>2. Other Bank Internet Bank MOPS. | Fixed Deposit Receipt (FDR) or Bank Guarantee issued by nationalized/scheduled banks, which is a widely accepted practice.   |   |
| 3.      | Volume-I         | Pg. No. 19 of 174 | Detailed Tender Notice Cl. 07 | Collaboration and Joint venture                            | Although joint venture participation is allowed, it is requested that the joint venture conditions should strictly comply with Govt. General Resolution (परिपत्रक क्र. सीएटी १०९०/सीआर८५/इमारती - २ dated 20/05/2002), which is applicable to all Municipal Corporations and Maharashtra Jeevan Pradhikaran. | The Bidder can execute Joint venture agreement as per the prescribed format with One Lead Bidder + 2 Joint Venture partners, wherein the Lead Bidder shall have more than 50% contribution. |

### 3 M/s. CIVIL DECK INFRAPROJECTS PVT.LTD.

| Sr. No. | Volume / Section        | Page No.                                       | Cl. No.  | Specification                 | Bidders Query   | TMC Clarification  |
|---------|-------------------------|--|----------|-------------------------------|---|--|
| 1.      | Volume-II,<br>Volume-IV | Pg. No. 68 of 95, Section-1.2, Pg.No. 1 of 354 | It. no-3 | BOQ, technical Specifications | Given that trenchless work constitutes ~60% of the project value, will TMC provide location-specific bore-log data for every jacking/receiving pit? Furthermore, if "Hard Rock" is encountered beyond the anticipated percentage, will there be a provision for rate revision or an "Extra Item" for specialized cutter-head consumption? | The quoted rates for trenchless works shall be considered to include execution in all types of strata including hard rock of any strength and hardness. No extra payment or rate revision shall be admissible on this. |
| 2.      | Volume-II               | Pg. No. 92 of 95                               | -        | BOQ- Utility shifting         | Is the contractor responsible only for execution, or also for obtaining NOCs from external agencies (MSEDCL, Reliance, PWD)? Additionally, if a utility cannot be shifted, necessitating an alignment change, will the "Idle Time Charges" for expensive Micro-   | The successful bidder has to follow up with the competent authority for obtaining shifting permission. The technical support and documents along with official's fees shall be paid by                                 |

| Sr. No. | Volume / Section | Page No.           | Cl. No.      | Specification                               | Bidders Query  | TMC Clarification   |
|---------|------------------|--------------------|--------------|---|--|---|
|         |                  |                    |              |   | tunneling machinery be compensated by the Corporation?   | TMC. No separate payment or compensation towards idle charges, delay, or hindrance due to utility shifting shall be admissible. The contractor shall plan the work accordingly. |
| 3.      | Volume-II        | Pg. No. 49 of 95   | -            | BOQ- Road Restoration                       | Due to the high cost of Mastic Asphalt and Bituminous works, we request clarification on release of the Performance Bank Guarantee (PBG). Will the 10% retention/PBG be released in phases (e.g., 50% upon physical completion of the pipeline) to maintain the contractor's cash flow during the Defect Liability Period (DLP)? | As per NIT  |
| 4.      | Volume-II        | Pg. No. 49 of 95   | Item no. 12  | BOQ-Dewatering                              | In several stretches of Thane, the soil is known to be marshy/slushy. If standard dewatering fails and a "Well-Point System" is required for trench stability and safety, will the Corporation allow for a separate "Extra Item" or a revised rate for such specialized dewatering?  | As per NIT  |
| 1.      | Volume-I         | Pg. No. 137 of 188 | Clause no-59 | Form B.1                                    | We request the Corporation to confirm if a Price Variation Clause (PVC) is applicable to this contract. In the absence of PVC, the risk of material price escalation over the contract period may lead to higher bid premiums.   | As per NIT  |
| 2.      | Volume-IV        | -                  | -            | Traffic Constraints & Night shifts premiums | If the Traffic Police Dept. restricts working hours (e.g., only 11 PM to 5 AM), will TMC grant a corresponding extension of the project timeline without penalty? Furthermore, will the Corporation consider a "Night  | The contractor has to plan the work as per traffic conditions and restrictions in working hours due to heavy traffic in dense urban area. Any delay in traffic                  |

| Sr. No. | Volume / Section | Page No.         | Cl. No. | Specification         | Bidders Query  | TMC Clarification   |
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|         |                  |                  |         |                       | Shift Premium" on labor rates for such restricted stretches?   | permission or restriction in working hours shall not entitle the contractor for additional payment.   |
| 3.      | Volume-II        | Pg. No. 52 of 95 | -       | BOQ- House connection | Is the 100% survey for identifying connection points the sole responsibility of the contractor? If the actual number of connections exceeds the estimated 2,128 to achieve "Comprehensive Improvement," will payment be made on actual measurements? | The necessary identifications and survey for house connection work should be done by contractor at no extra cost. Contractor needs to complete the given numbers of house connections as per tender conditions. |

**4 M/S. SANDESH D. BUTALA, DOMBIVALI**

| Sr. No. | Volume / Section | Page No.          | Cl. No.                        | Specification   | Bidders Query  | Clarification      |
|---------|------------------|-------------------|--------------------------------|---|--|--------------------|
| 1.      | Volume-I         | Pg. No. 14 of 174 | Detailed Tender Notice Cl. 05. | Last date of submission – 27/04/2026                      | Considering that multiple large-value tenders have been issued at the same time, bidders are required to arrange a substantial number of supporting documents including technical credentials, financial statements, certifications, and statutory approvals. The process of arranging, validating, and certifying these documents requires considerable time; hence, we request an extension of bid submission period by at least 3 to 4 weeks. | As per corrigendum |
| 2.      | Volume-I         | Pg. No. 11 of     | Detailed Tender Notice         | Tender fee and EMD shall be paid by 1. SBI Net Banking or | We request that the authority should permit submission of Earnest Money Deposit in the form of FDR or Bank Guarantee, which will ease  | As per NIT.        |

| Sr. No. | Volume / Section | Page No.          | Cl. No.                                   | Specification                                 | Bidders Query   | Clarification   |
|---------|------------------|-------------------|---|---|---|---|
|         |                  | 174               | Cl. 01.                                   | 2. Other Bank Internet Bank MOPS.             | financial burden and is in line with standard Tendering practices.  |   |
| 3.      | Volume-I         | Pg. No. 60 of 174 | Special conditions of Contract Cl. No. 23 | Conditional Scope Linked to Land Availability | It is also requested that Thane Municipal Corporation should clearly declare the land acquisition status of all proposed Sewage Treatment Plants (STP's) and pumping stations so that bidders can assess execution feasibility and risks before quoting.  | As per NIT.   |
| 4.      | Volume-I         | –                 | –   | General                                       | Since the project is located in Diva area, where issues such as encroachments, land disputes, and law & order challenges have been observed in past works, it is requested that the authority should clarify anticipated risks, mitigation measures, and extent of administrative support. It may also be clearly specified whether extension of time and cost compensation will be granted for delays beyond contractor's control. | The administrative support will be extended by TMC from time to time and critical difficulties and these will be handled amicably in order to complete the work in stipulated time frame. If in case issue is beyond control of TMC, extension of the time limit will be granted. |

#### 5 HIRANI ENTERPRISES BORIVALI, MUMBAI

| Sr. No. | Volume / Section | Page No.   | Cl. No. | Specification          | Bidders Query  | Clarification  |
|---------|------------------|------------|---------|------------------------|--|--|
| 1       | Volume-I         | Pg. No. 19 | Cl. 7   | Detailed Tender Notice | The provision of joint venture participation should be governed strictly as per Government Resolution dated 20/05/2002 applicable to Municipal Corporations and MJP. Any deviation may lead to | The Bidder can execute Joint venture agreement as per the prescribed format with One Lead Bidder + 2 Joint Venture partners, wherein the Lead Bidder shall |

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|         |                  |            |         |                       | ambiguity; hence clear adherence is requested.   | have more than 50% contribution.  |
| 2       | Volume-I         | Pg. No. 22 | Cl. 10  | Pre tender conference | Prior to submission of the bid, a joint site inspection should be conducted with participation of bidders and TMC officials so that actual site conditions including alignment, obstructions, and accessibility can be properly understood. This inspection should be supported by geo-tagged certification and made mandatory for submission.       | The bidders are requested to carryout site visit and get themselves acquainted with the site conditions.  |
| 3       | –                | –          | –       | General               | The project location being Diva, known for frequent local disturbances such as encroachments, land disputes, and other social issues, requires clear risk allocation. The authority is requested to specify action plans, administrative support, and provisions for extension of time and cost compensation for delays beyond contractor's control. | The administrative support will be extended by TMC from time to time and critical difficulties and these will be handled amicably in order to complete the work in stipulated time frame. If in case issue is beyond control of TMC, extension of the time limit will be granted. |

**6 M/s. MAA MUMBRA DEVI ENTERPRISES, THANE**

| Sr. No. | Volume / Section | Page No.          | Cl. No.                        | Specification                        | Bidders Query  | Clarification       |
|---------|------------------|-------------------|--------------------------------|--------------------------------------|--|---------------------|
| 1.      | Volume-I         | Pg. No. 14 of 174 | Detailed Tender Notice Cl. 05. | Last date of submission – 27/04/2026 | Due to the simultaneous release of multiple large scale tenders, bidders are required to prepare extensive documentation which involves coordination with multiple agencies for certification and validation. This process can be completed in short duration; hence | As per corrigendum. |

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|         |                  |                   |   |  | extension of submission.   |  |
| 2.      | Volume-I         | Pg. No. 11 of 174 | Detailed Tender Notice Cl. 01.            | Tender fee and EMD shall be paid by<br>1. SBI Net Banking or<br>2. Other Bank Internet Bank MOPS.  | It is requested that EMD submission in the form of FDR or Bank Guarantee should be permitted, as it is a standard and widely accepted practice in similar government tenders.  | As per NIT.  |
| 3.      | Volume-I         | Pg. No. 22 of 174 | Detailed Tender Notice Cl. 10.            | The joint site visit of the project area shall be arranged immediately after the pre bid meeting if required in presence of prospective bidders in order to understand the site Conditions and acquaintance. | Before submission of bid, it is essential that bidders along with TMC representatives carry out a joint site visit to understand the exact site conditions, constraints, and accessibility. This visit should be documented through geo-tagged certification, and such certificate should be made mandatory for submission along with the bid. | The bidders are requested to carryout site visit and get themselves acquainted with the site conditions. |
| 4.      | Volume-I         | Pg. No. 60 of 174 | Special conditions of Contract Cl. No. 23 | Conditional Scope Linked to Land Availability  | The authority is requested to disclose land acquisition status for all critical components such as STP's and pumping station's to avoid uncertainty during execution stage.  | As per NIT.  |

**7 M/S. GENIUS INFRA ENGINEERING PVT. LTD. JODHPUR**

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|---------|------------------|-------------------|--------------|---|---|---------------|
|         | Volume-I         | Pg. No. 19 of 174 | Cl. No. 5 e) | <b>Pre-qualification Criteria:</b> The Bidder should have net worth 8% of tender cost of continues 3 years from the financial year, In which he | With reference to the tender condition stating We respectfully request the Authority to kindly consider an <b>average net worth of 8%</b> over the last three (3) | As per NIT.   |

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|---------|------------------|-------------------|----------------|--|---|---------------|
|         |                  |                   |                | desires to take work.  | financial years, instead of requiring a <b>minimum net worth of 8%</b> in each individual financial year.   |               |
| 2.      | Volume-I         | Pg. No. 16 of 174 | 6.2 d)         | <b>Pre-qualification Criteria: FOR Pumping Machinery installation</b><br>i) 311 HP (232 kW) and above capacity submersible non-clog pumping machinery.   | <b>With reference to the tender clause:</b> Kindly clarify whether the specified <b>311 HP (232 kW)</b> capacity refers to a single pump capacity or the cumulative capacity or multiple pumps.   | As per NIT.   |
| 3.      | Volume-I         | Pg. No. 16 of 174 | 6.2 d)         | <b>Pre-qualification criteria: FOR POWER Supply</b><br>i) 265 kVA and above transformer / substation.<br>ii) 200 KVA for a 22/11KV supply comprises of Transformer / Compact substation.   | <b>With reference to the tender clause:</b> Kindly clarify whether the specified capacities of 265 kVA and 200 kVA for transformer/substation are to be considered as individual <b>(single unit) capacities,</b> or whether transformers/substations of lower individual capacities installed cumulatively to meet the required capacity shall also be considered for eligibility. | As per NIT.   |
| 4.      | Volume-I         | Pg. No. 16 of 174 | 6.2 e) a) & c) | <b>Pre-qualification criteria: FOR Automation / SCADA</b><br>a) Bidder shall be Contractor or manufacturer or authorized dealer or system integrator for all types of sensors required for automation or SCADA, like Pressure transmitters, level transmitter, PLC integration, Energy monitoring systems, PLC | <b>With reference to the tender clause:</b> Kindly clarify the requirement of <b>50% of required annual maintenance period,"</b> as No specific O & M/maintenance duration has been defined in the tender document; in absence of a stipulated O& M period, it is unclear how the 50% criteria shall be evaluated for eligibility.  | As per NIT.   |

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|         |                             |                   |            | based control monitoring and communication systems, flow meters and water quality parameters (inlet and outlet effluent parameters) etc.<br>b) 50% of required annual maintenance period.   |  |   |
| 5.      | Volume-I                    | Pg. No. 29 of 174 | Cl. No. 14 | <b>Scope and meaning of the contract:</b><br>The Thane Municipal Corporation Thane urban local body of Government of Maharashtra has proposed to execute the following work under sanctioned scheme AMRUT-2.0 Mission (Central Government Funded Project) of Diva and Shil area of TMC, Thane Tal. Thane, Dist. Thane | <b>With reference to the tender clause:</b><br>Kindly clarify the detailed funding pattern under the AMRUT-2.0 Mission for the subject project, specifying the share of <b>Central Government assistance and the contribution of Thane Municipal Corporation/State Government</b> , and confirm whether the funds have been formally sanctioned, allocated, and are currently available for execution of the work. | The said work is sanctioned under Central and State Government funded projects under AMRUT-2.0.   |
| 6.      | –                           | –                 | –          | <b>General : Survey</b>   | Kindly provide the KML/KMZ file of the project area/alignment, as the same is essential for accurate assessment and effective preparation of the bid.  | Please refer Volume-III Drawings for conceptual layout and tender drawings.   |
| 7.      | Volume-II Schedule of Works | Pg. No.4 of 132   | –          | <b>STP Technology:</b> Cyclic Activated Sludge Process / Moving Media Bioreactor / Membrane Bio Reactor / RMBR: Designing, providing, constructing, hydraulic testing, commissioning and giving   | Kindly clarify the applicable STP technology for the project, as the heading mentions <b>CSAP/MMBR/MBR/RMBR</b> whereas the detailed description specifies SBR technology; it is required to adopt only <b>SBR technology or any suitable /</b>  | The bidders are free to adopt any latest, proven and approved treatment technology to meet the client's requirement and the outlet parameters shall be achieved as per Hon. NGT directives and conditions |

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|         |                  |          |         | <p>satisfactory trials of STP based on SBR technology with SCADA &amp; Automation and consisting of Inlet Chamber, Screen Chamber, Detritus Tanks, Distribution Chamber and Biological CASP Basins, Sludge Sump, Chlorine Contact Tank, Chlorinator Room/Shed, Sludge Centrifuge necessary piping work with required valves, gates, drains, pathways Administration Block cum Laboratory, Laboratory Equipment's, Tools and Plants, Spare Parts, etc. complete as turnkey job with all involved civil, electrical and mechanical works including HT Substation, Transformers, DG Sets, Metering cubical, Instrumentation works etc. as per specification inclusive of following items, units as per detailed specification for civil, electrical and mechanical components with all duties and taxes, etc. complete to achieve BOD &lt; 5 ppm, COD &lt; 100 ppm, TSS &lt; 10 ppm, to get recyclable quality of water for industrial / agricultural purposes. (In Case Cyclic activated</p> | <p><b>modern technology</b> meeting the specified outlet parameters (BOD, TSS, NH<sub>3</sub>-N) is acceptable.</p> | <p>of the consent to establishment.</p> |

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|         |                  |          |         | sludge plant is designed for N, P outlet parameters shall also include TN < 10 ppm, Nh3N < 2 ppm and TP < 1 ppm) |               |               |

### ADDITIONAL DEPARTMENT CLARIFICATION

| Sr. No. | Volume / Section | Page No. | Cl. No. | Specification<br>Bidders Query   | Clarification   |
|---------|------------------|----------|---------|--|---|
| 1.      | Volume - I       |          |         | Permissions for road cutting, State Pollution Control Board, Indian Railways, and National Highway Authority | The bidder shall obtain the permissions from State Pollution Control Board, Indian Railways, National Highway Authority, Public Works Department Maharashtra State and any other government authority. The necessary technical support will be provided and the official fees to be paid shall be paid by the Thane Municipal Corporation. The contractor shall have to follow up and get the permissions. The permissions from the Coastal regulatory Authority shall be obtained as per the requirement. The consent to establishment and consent to operate shall be obtained by the contractor from the State Pollution Control Board. It is the sole responsibility of the contractor to follow directives of Hon. National Green Tribunal as applicable, directives received from State Government and State Pollution Control Board. |
| 2       | Volume - I       |          |         | Survey Investigation and approval from third Party   | The contractor has to carry out the topographical survey, geological investigation and design of the components in this bid as per the schedule of the works and get it approved from the engineer in charge. Once the engineer in charge preliminary approves the hydraulic and structural design, it is the sole responsibility of the contractor to get the approval from IIT Mumbai of all the components (hydraulic and structural design approval). The vetting charges shall be paid by the contractor and no extra payment shall be entitled  |

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| 3       | Volume - I       |          |         | Micro tunnelling work                    | The micro tunnelling work is proposed, the need and necessity shall be verified by the engineer in charge and then only the micro tunnelling work shall be commenced.  |
| 4       | Volume - I       |          |         | Power charges, chemicals and consumables | The contractor is responsible for satisfactory completion and commissioning of the work including 6 months trial run and O&M of 5 years. The power charges, chemical charges and manpower charges shall be paid by the contractor during trial run period. The power charges and chemicals and consumables shall be supplied by the Client (TMC) during O&M period. The manpower and major and minor repair charges shall be paid by the contractor during trial run period.   |
| 5       | Volume - I       |          |         | Property survey                          | The contractor has to carryout property survey for the proposed sewer connections under this project and gets it approved from the engineer in charge along with the drawing. The drawing shall be strictly followed as per the approved drawing and the drawing (in auto-cad format) shall be approved by the engineer in charge prior to commencement of the work.   |
| 6       | Volume - I       |          |         | Precast Manhole, Manhole Frame & Covers  | SRFC manhole covers and frames confirming to IS specifications of 560 mm dia. shall be provided and fixed by the contractor. The frame shall be embedded / fixed in the manhole slab in CC M-15 as per specifications. Colour of the frame and manhole cover shall match with the colour of the footpath. The precast manhole shall be strictly as per applicable IS code specification and shall sustain the weather impacts and suitable for tidal impacts. The contractor shall allot unique identity number to each manhole and the number shall be submitted along with the as built drawing. |
| 7       | Volume - I       |          |         | Miscellaneous                            | <ul style="list-style-type: none"> <li>➤ Protection of underground utilities is the responsibility of the contractor.</li> <li>➤ During the execution of work, it is likely that the contractor may meet with telephone cable, electrical cables, water supply lines, effluent pipe line, oil pipe line, gas lines etc. it will therefore be the responsibility of the contractor to protect them</li> </ul>   |

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|         |                  |          |         |                             | <p>carefully. All such cases should be brought to the notice of the City Engineer by the contractor and also to the concerned Department. Any damage whatsoever done to these cables and pipe lines by the contractor shall be made good by him at his cost. The rates quoted by contractor shall cover this aspect in tender.</p> <ul style="list-style-type: none"> <li>➤ CCTV inspection: The CCTV inspection shall be carried out at some places (approximately up to 10%) as directed by engineer in charge, so as to assure the proper grade and workmanship of sewer line. The rates for CCTV inspection are deemed to be covered in the offer by the contractor and no extra payment shall be entitled.</li> <li>➤ All reinforcement used in construction work must be fusion bonded epoxy coated bars or as per the schedule of the works.</li> <li>➤ Third party insurance shall be in bidder's scope and charges shall be paid as per tender condition.</li> <li>➤ The MSEDCL charges for connection at STP, SPS and BPS (for HT &amp; LT) site is considered based on the previous experience, however the contractor has to carry out the survey along with TMC officials and State Power Supply Company and quotation shall be obtained before commencement of the work. The actual payment on this account shall be made to the contractor on receipt of the payment receipt.</li> <li>➤ The pumping machinery proposed under this work for sewage pumping station shall be non-clog submersible pumps of BIS / international standard approved make as per the model guidelines of AMRUT-2.0. It is essential to provide the By-Pass provision near screen chamber of each pumping station / booster pumping station with cooling jacket wherever applicable. The by-pass provision shall be made with</li> </ul> |

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|         |                  |          |         |                             | <p>valves / gates so that wet well can be cleaned in dry conditions.</p> <ul style="list-style-type: none"> <li>➤ The SCADA, Automation, pumping machinery and all electro-mechanical components supplied under this contract shall have defect liability period of 5 years after satisfactory commissioning of the work.</li> <li>➤ The instruments (Mechanical and electrical) which are proposed under this tender shall be rested on RCC platform and the slab, beams / columns / foundation of the instruments which are proposed shall be designed for shock loads, dynamic loads, static loads and live load as per the applicable IS code.</li> </ul> <p>The electrical and mechanical works proposed under this tender shall be executed as per the Indian Electrical Regulatory authority and shall be strictly followed.</p>  |
| 8       | Volume – I       |          |         | Electrical Works            | <p>The scope of contractor for electric works will start from point supply of MSEDCL/concerned authority to RMU / Sub-Stations within the project boundary and further distribution to individual panels / equipment's terminals by providing sub panels. The entire pumping station will be operated on dual ratio 22-11/-0.433 KV transformer.</p> <p>Laying of 22 KV, as per the required / suitable sizing and as per the schedule of the cable of the works, cable from point of supply to the RMU / Sub-Stations within the project boundary. HT/LT cables shall be provided depending on working load proposed. Cable shall be laid at 1.5m depth in sand bed and protective bricks with cable proof markers as per standard installations practices. Licensing works with power supply authority shall be included in scope of bidder.</p> <p>For tender purpose, approximate length of cable shall be considered as per the schedule of the work. If length exceeds, bidder shall quote as per running meters for cable laying. Payment shall be given to bidder as per actual cable laid from point of supply to</p> |

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|         |                  |          |         |                             | <p>transformer. The electrical system proposed for the pumping station shall include the following components (as applicable for the said project and as per the directives of engineer in charge / TMC authorities finalised by the Electrical Department and State Power Distribution Company)</p> <ul style="list-style-type: none"> <li>➤ 415V Switchgear.</li> <li>➤ Metering unit.</li> <li>➤ 415V TPN Bus Duct.</li> <li>➤ Transformer Yard.</li> <li>➤ Motor Starters, local push button stations.</li> <li>➤ Earthing system and Safety equipments.</li> <li>➤ Cables and cabling system.</li> <li>➤ Internal lighting and area lighting.</li> </ul> <p>The cabling work shall be done by providing proper cable trays. The scope also includes indoor /outdoor lighting system as well earthing &amp; safety equipment. The execution should take care of I.E. rules, Electricity Board's requirement and other local authorities and site condition.</p> |

## **Corrigendum:**

- 1. Extension of time limit for submission of the Bid:** The tender documents can be downloaded from website <https://mahatenders.gov.in> till 25<sup>th</sup> May 2025 up to 16.00 hrs. Online tenders submission date is extended up to 25<sup>th</sup> May 2026 up to 16:00 Hrs and the tenders will be opened in presence of the bidder or his authorized representative on 26<sup>th</sup> May 2026 at 17:00 Hrs if possible.

- 2. Similar work-**

| Sr no. | As per NIT   | As per addendum   |
|--------|--|---|
| 1      | The bidder should have completed single work having pipe diameter 600 mm dia. and above diameter having length of 5,221 m. | The bidder should have completed single work having pipe diameter 300 mm and above diameter having length of 5,221 m by micro tunneling and Auger Boring. |

Sd/-  
City Engineer  
Thane Municipal Corporation, Thane