

PROJECT EXECUTION NOTICE (PEN) / TURNKEY CONTRACT RFQ

Project ID: PRJ-2033 -MSETCL | **Issue Date:** 07 August 2026 | **Closing Date:**
(As per Portal)

1. EXECUTIVE PROJECT DETAILS

Turnkey EPC contract awarded for the establishment of the **132/33 kV Deori Substation (Dist. Gondia)** along with **LILO on 132kV Gondia - Amgaon (Ckt-II) Line (40.384 km)** under Nagpur Zone. Originally awarded by **MSETCL** (Maharashtra State Electricity Transmission Co. Ltd.) to **M/s Manipal Energy and Infratech Ltd.** under Tender No. T-2547 (RFx No. 6000001401). We are inviting capacity declarations from qualified EHV Substation, Line EPC, Civil, and Electrical contractors to execute sub-packages on a turnkey/unit-rate basis.

Parameter	Details
Project Name	Turnkey Construction of 132/33 kV Deori Substation & 132kV LILO Line (40.384 km)
Open By Company	M/s Manxxxx Enxxxx and Infrxxx Ltd. (Main EPC Awardee)
End Client / Principal	Maharashtra State Electricity Transmission Co. Ltd. (MSETCL)
Working Location	Deori, Gondia District, Maharashtra (Nagpur Zone)

Category & Duration	EHV Substation, LILO Transmission Line, Civil & Electrical EPC 12 Months
Total Contract Price	₹54,53,23,928.90/- Excl. GST (₹64,34,82,236.10/- Incl. 18% GST)
Commercial Model	Turnkey Sub-contract / Back-to-Back Unit Rate Card
Target Vendor	Class-A EHV Substation, Line Civil, Erection & Electrical Contractors
Project Status	OPEN (Invite for Sub-Contractor Empanelment & Bidding)

2. PROJECT MEDIA & TECHNICAL RESOURCE LINKS

Review the following LOA documents, activity schedules, and master price break-ups before submitting capacity declarations:

- **LOA & Activity Schedule Document:** [Download MSETCL LOA_T-2547.pdf](#)
- **Master Price Break-Up & BOQ:** [Download Substation MSETCL_Deori_Price_break up.xlsx](#)
- **Site & Drawing Access:** Contact SE EHV Projects Circle, MSETCL Nagpur / Site Office.
- ATC (Additional Terms & Conditions) - Subject to Applicable

3. COMMERCIAL ABSTRACT & COST BREAKDOWN

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The overall contract is split into primary work packages across the Substation and Transmission Line as per the approved MSETCL price abstract:

S r . N o .	Work Package Description	Scope Type	Amount (Excl. GST)	Amount (Incl. GST @ 18%)	W e i g h t a g e %
1	132/33 kV Deori Substation	Supply	₹19,72,48,860.02	₹23,27,53,654.82	36%
		ETC (Erection, Testing & Comm.)	₹54,47,313.94	₹64,27,830.45	1%
2	LILO 132kV Gondia - Amgaon Line	Supply	₹18,32,60,529.59	₹21,62,47,424.92	34%
3	Civil & Structural Works (Combined)	Civil Works	₹7,57,46,800.97	₹8,93,81,225.14	14%

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4	Combined ETC Portion	Erection & Comm.	₹8,90,67,737.95	₹10,50,99,930.78	15%
T O T A L	Master Turnkey Contract Value	All Scope	₹54,53,23,928.53	₹64,34,82,235.66	100%

4. DETAILED SCOPE OF WORK (SOW) & BOQ SUMMARY

The work package is broadly divided into Substation Execution and 132kV Transmission Line Execution:

A. 132/33 kV Deori Substation Scope

- Soil Investigation & Engineering Drawings:** Soil testing, survey, earth mat design, layout drawings, Gantry/Equipment foundation & Control Room designs (Submission within 30 days).
- Civil Works:**
 - Yard leveling, boundary wall, GI pipeline, Watchman cabin, Sump well, and Store shed.
 - Civil foundations for Gentries, Equipments, Power Transformers, Capacitor Banks, and End Bays.
 - Control Room Construction: Foundations, Brickwork, Slab casting, Plastering, Trenching, Doors/Windows & Finishing.
- Erection, Testing & Commissioning (ETC):**
 - Gantry structures erection, equipment structures, stringing of bus bar.
 - Installation of 145kV Circuit Breakers, Isolators (with/without EB), CTs, PTs, LAs, BPI, Wave Traps, Coupling Capacitors.
 - Power Transformer & Station Transformer placement, oil filling, testing & commissioning.
 - PLCC Equipment, Control & Relay (C&R) Panels, SCADA, ABT Meters, Battery Sets, Chargers & Fire Fighting Systems.

B. 132kV LILO Transmission Line Scope (40.384 km)

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1. **Survey & Line Route:** Trial pits, preliminary & detailed check survey (min. 20 km/month), survey approval, and shop drawing preparation.
2. **Tower Foundations & Supply:** Stub setting, template alignment, foundation casting (min. 10 locations/month), and tower material supply.
3. **Tower Erection & Stringing:** Erection of DC 132kV towers (min. 30 locations/month), supply of conductor, earthwire, insulators, accessories, and stringing work (min. 10 km/month).
4. **Line Inspection & Pre-Commissioning:** Tree cutting, fixing accessories, pre-commissioning testing, and final line charging.

5. ACTIVITY SCHEDULE & PAYMENT MILESTONES (HOLD POINTS)

Payments for material supply and execution are strictly tied to MSETCL approved Hold Points:

Substation Supply & Execution Milestones

- **Gantry & Equipment Structures:** Payment released after 100% casting of respective foundations.
- **Conductor, Insulators & Hardware:** Requires 100% gantry foundations & 50% gantry erection completion.
- **CTs, PTs, LAs, Isolators & BPI:** Requires 100% gantry erection with bus bar stringing + respective equipment structure erection.
- **Circuit Breakers, Transformers & Cable Trays:** Requires completion of all equipment foundations, transformer plinth, 100% cable trench with trays + unfinished control room (Slab, Brickwork & Plaster) + submission of Transformer PBG.
- **Control & Relay Panels / SCADA / Battery:** Requires completion of control room building + erection of respective bay equipments + control cable laying.

Transmission Line Milestones

- **Stub Supply:** Disbursed after check survey approval.
- **Tower Material Supply:** Released on per-tower basis within 15 days of casting respective foundation.
- **Tower Erection:** Requires 50% tower foundations completed.
- **Stringing Work:** Requires at least 50% tower erection ready for route stringing.

6. VENDOR REGISTRATION & CAPACITY DECLARATION

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Sub-contractors and vendors interested in taking up specific packages (Civil, Erection, Equipment Supply, or Line Stringing) must submit their technical and financial credentials.

 To submit your proposal on the VendorMate portal:

1. **Step 1:** Select **PRJ-2547-MSETCL** on the portal dashboard.
2. **Step 2:** Select your preferred scope package (*Substation Civil / Substation Erection / Line Civil / Line Erection / PLCC & SCADA*).
3. **Step 3:** Enter your past MSETCL / State Transco execution credentials (Class-A License, Electrical Contractor License, Turnover proofs).
4. **Step 4:** Declare your mobilizable workforce, T&P equipment inventory (Cranes, Winches, Stringing tools, Batching plants), and estimated completion timeline.
5. **Step 5:** Lock and submit your quotation sheet.

7. PLATFORM FEES & CHARGES

- Proposal / Processing Fee: Processing Fee is applicable as per active portal slab + 18% GST (Non-refundable).
- Quote Approval / Onboarding Fee: Applicable upon formal sub-contract award as per portal tier terms.
- Commitment / Royalty Fee: Fixed 2–5% Royalty Fee of the total Work Order (WO) executed contract value. In case of any Billing Increase or Work Order (WO) Revision, the updated percentage will remain applicable until final project closing. Royalty charges will be deducted progressively from verified billing milestones.

 Bank Details for Manual Transfers:

- **Account Name:** Zugnoo Home Sync Solution LLP
- **Account Number:** 05871140018332 | **IFSC:** HDFC0000587 | **Bank:** HDFC Bank

8. COMPLIANCE TERMS & LEGAL DISCLAIMER

1. **MSETCL Technical Standards:** All civil casting, equipment mounting, stringing, and testing must strictly conform to MSETCL technical specifications

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and standard drawings. Rejections during quality inspection will be at the sub-contractor's sole cost.

2. **Completion Timeline:** The overall project completion timeline is **12 Months** from site handover (excluding monsoon). Liquidated damages (LD) apply for delays attributable to the sub-contractor.
3. **Safety & Labor Laws:** Full compliance with MSETCL safety codes, labor insurance, and statutory requirements is mandatory.
4. **Anti-Bypass Policy:** Any direct offline communication attempts with MSETCL or Manipal Energy & Infratech Ltd. outside the VendorMate platform will result in immediate disqualification and blacklisting.

 **DISCLAIMER:** This document is derived from MSETCL Letter of Award No. MSETCL/CO/Projects/Pre-tender/Substation/T-2547/N009160 dated 17 OCT 2025. All quantities and activity schedules are indicative and subject to final site check survey approval.

Designed by VendorMate Enterprise Team

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