



**MAHATransco**  
Maharashtra State Electricity Transmission Co. Ltd.  
**MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.**  
(CIN NO. U40109MH20055GC153646)

**From,**  
**The Office of Chief Engineer (Projects),**  
5<sup>th</sup> Floor, A-Wing, Prakashganga,  
C-19, "E" Block, Bandra – Kurla Complex,  
Bandra (East), Mumbai – 400 051.  
Tel: 022-2659 5125 (O)/022-2659 5124 (P)  
E-mail: cecm@mahatransco.in

**To,**  
M/s MD Transcon Pvt. Ltd.  
R478, TTE Industrial Area,  
Rabale,  
Navi Mumbai - 400701  
E-mail: mdtpl@mdtranscon.com

MSETCL/CO/Projects/Pre-tender/T-2333/

**006169**

Date: **10 SEP 2024**

**Sub:** Award of Turnkey works contract of establishment of 220kV GIS at Virar west (Chikhaldongri),  
Dist. Palghar under Vashi Zone against tender no. T-2333 (RFx No. 6000001150).

**– Letter of Award thereof.**

**Ref:** 1) SRM e-Tender No. T-2333/MSETCL/CO/Projects/Pre-Tender (RFx No. 6000001150).  
2) Your offer dated 05.02.2024 against subject tender.  
3) Tender acceptance B.R. No. 168/53 dated 22.07.2024.

Dear Sir,

In connection with the above subject, we are pleased to inform you that your offer for the turnkey works contract of establishment of 220kV GIS at Virar west (Chikhaldongri), Dist. Palghar under Vashi Zone against tender no. T-2333 (RFx No. 6000001150) has been accepted for Supply, ETC & Civil portion as per details below -

Sr. No.	Particulars of contract	Amount	
1	Design, manufacture and supply of all materials execution of relevant civil works, erection, testing and commissioning of below works: 1) LILO on existing 220kV Boisar (PGCIL)- Vasai line at 220kV Chikhaldongri S/stn - 9 km(8 km O/H line & 1 km U/G Cable). 2) 2 x 50 MVA, 220/22 kV T/Fs. 3) 220 kV Transformer bays HV Side (GIS) - 3 Nos. 4) 220 kV Bus coupler bay (GIS) -1 No. 5) 220 kV Line bays (GIS) -2 Nos. 6) 22 kV GIS outlets - 18 Nos.	<b>Total</b>	<b>Rs. 140,34,22,021/-</b> (Excluding GST) 15 % above tender estimate cost of Rs. 122,03,66,975/- ( Excluding GST)

(Total cost is Rs. 165,60,37,985/- i.e. 15 % above the estimated cost of Rs. 144,00,33,030/- including GST.)



The activity schedule with payment eligibility for turnkey construction of above work is enclosed herewith.

It may please be noted that the scope shall also include supply, ETC & Civil of all equipment/materials which are not specifically indicated in your offer but are necessary in order to meet the requirements of the work as per tender specifications in all respects.

Detailed terms and conditions will be as per the tender specification, amendments thereof, your offer, clarifications thereon and contract agreement being executed shortly. The above work has to be completed within **24 months (Excluding Monsoon)** from the date of handing over of site.

You are requested

- 1) To intimate the acceptance of this LOA within 10 days from the date of receipt along with the confirmation of Special Terms and Conditions as per tender, if any.
- 2) To submit bar chart within 10 days from the date of receipt of LOA, indicating all activities for completion of the project, to the S.E. EHV Projects Circle, Kalwa.
- 3) Submit price schedule with detailed breakup of unit rate into Ex-works Price, Freight & Insurance & Labour Cess, Tax etc. in uniform (single) percentage within 10 days from receipt of LOA.
- 4) To complete the formalities like furnishing of Performance Bank Guarantee in prescribed format enclosed in tender documents, within 30 days from the date of receipt of LOA so that the contract agreement can be finalized soon. For the power transformers, the 10% PBG to the value of Transformers/ ICTs shall be furnished by manufacturer/supplier for 5 years from date of supply.
- 5) GIS & Monopole is to be supplied from submitted MAF during the tender.
  - i) For EHV GIS equipment's supply – MAF of M/s Siemens India Ltd was submitted.
  - ii) For Monopole Supply – MAF of M/s Skipper Ltd. was submitted

Thanking you.

Encl: As Above

Yours faithfully,



**Sunil Suryawanshi**  
**Chief Engineer (Projects)**

**Copy s.w.r.to:**

- 1) The Chairman & Managing Director, MSETCL, Mumbai
- 2) The Director (Projects), MSETCL, Mumbai

**Copy f.w.cs.to:**

- 1) The C.E., EHV Projects cum O&M Zone, MSETCL, Vashi
- 2) The C.E., Design/Civil/AC&I, MSETCL, Mumbai
- 3) The Chief General Manager (F&A), MSETCL, Mumbai

*Sub: Award of Turnkey works contract of establishment of 220kV GIS at Virar west (Chikhaldongri), Dist. Palghar under Vashi Zone against tender no. T-2333 (RFx No. 6000001150).  
– Letter of Award thereof.*

**Copy to:**

- 1) The G.M. (F&A-I), FTU Section MSETCL, Mumbai
- 2) The S.E., EHV Projects Circle, MSETCL, Kalwa
- 3) The S.E., EHV Civil CCM Circle, MSETCL, Kalwa
- 4) The E.E., FTU/PMT, MSETCL, Mumbai.



### **Activity Schedule for Civil Work**

Tender No.: SRM e-Tender No. T-2333/MSETCL/CO/Projects/Pre-Tender

Name of Work: Establishment of 220kV GIS at Virar west (Chikhaldongri), Dist. Palghar under Vashi Zone.

Name of Contractor: M/s MD Transcon Pvt. Ltd, Navi Mumbai

Completion Period: 24 months from the date of handing over of site.

Sr. No	Activity	Commencement	Completion	Remarks
1	Visit to site, collection of site details. Layout, organizing soil investigation and submission of reports to Corporate Office and field office.	Within 10 days		The in charge S.E., to be contacted and joint visit to be undertaken nominated by him.
2	Establishment of site store, construction of store shed/Labour Camp	Within 10 days	Within 30 days	Location to be got approved from Engineer in charge.
3	Collection/ finalization of foundation drawings & control room drawing	Within 15 days	Within 45 days	Soil details within soil investigation report to be furnished with report of site visit duly certified by Engineer in charge of works (Addl.EE/EE).
4	Land development	Within 30 days	Within 120 days	
5	Compound wall/ retaining wall/ Fencing/ watch men cabin	Within 30 days	Within 210 days	The scope of work and estimated cost to be got approved from S.E.(Civil) In charge of works
6	Approach Roads, Rail track works	Within 45 days	Within 90 days	
7	Civil foundation for:			

	Gantries	Within 60 days	Within 150 days	
	Equipments	Within 90 days	Within 270 days	
	Transformers	Within 60 days	Within 180 days	

	Cable Trench	Within 120 days	Within 270 days	
8	33KV GIS Building			
	i)Foundations	Within 45 days	Within 105 days	
	ii)Brick work upto lintel	Within 105 days	Within 150 days	
	iii)Lintel to slab and casting of slab	Within 150 days	Within 195 days	
	iv)Plaster, trench with doors and windows	Within 225 days	Within 300 days	
	v)Painting finishing	Within 300 days	Within 360 days	
9	220KV GIS Building			
	i)Foundations	Within 45 days	Within 105 days	
	ii)Brick work upto lintel	Within 105 days	Within 150 days	
	iii)Lintel to slab and casting of slab	Within 150 days	Within 195 days	
	iv)Plaster, trench with doors and windows	Within 225 days	Within 300 days	
	v)Painting finishing	Within 300 days	Within 360 days	
10	Control Room			



	i)Foundations	Within 90 days	Within 150 days	
	ii)Brick work upto lintel	Within 150 days	Within 195 days	
	iii)Lintel to slab and casting of class	Within 195 days	Within 240 days	
	iv)Plaster, trench with doors and windows	Within 240 days	Within 315 days	
	v)Painting finishing	Within 315 days	Within 375 days	
11	All allied Works i.e. Sump well/ Store Shed/ Watchmen cabin	Within 300 days	Within 400 days	
12	Approach road , WBM roads	Within 150 days	Within 240 days	
13	All foundations grouting, plastering & finishing	Within 210 days	Within 360 days	
14	GI pipeline & metal spreading	Within 300 days	Within 390 days	
15	Asphalting of WBM /Trimix roads	Within 390 days	Within 450 days	
16	All final paintings	Within 390 days	Within 480 days	
17	Rectifications if any	Within 480 days	Within 510 days	

**Activity Schedule for Supply of Material**

Tender No.: SRM e-Tender No. T-2333/MSETCL/CO/Projects/Pre-Tender

Name of Work: Establishment of 220kV GIS at Virar west (Chikhaldongri), Dist. Palghar under Vashi Zone.

Name of Contractor: M/s MD Transcon Pvt. Ltd, Navi Mumbai

Completion Period: 24 months from the date of handing over of site.

Sr. No.	Name of the material	Scheduled period for supply of material from the date of handing over of site	Hold point for payment
1	Soil investigation, Drawing submission i.e. layout, Erection Key Diagram, Earth mat Design, Cable Trench, Control Room & Foundation Drawing etc.	Submission within 30 days	
2	Conductor, Insulators Hardwares etc.	Commencement after 90 days & completion within 270 days.	Completion of 100% jumpering works.
3	GIS Bays	Commencement after 240 days & completion within 430 days.	Completion of erection of 100% GIS Bays.
4	MS Flats, CI Pipes, Earthing Material, Yard Lighting, ACDB, Power & Control Cables, Cable Trays, Emergency Lightning System	Commencement after 90 days & completion within 360 days.	Material should be as per finalization of BoQ by Engineer in charge as per actual requirement based on approved drawing and erection of earthing equipments, cable trench, laying of earthmat and control cable.
5	T/F, Station Transformer	Commencement after 240 days & completion within 420 days	<p>1. Completion of all equipment foundations &amp; erection of it, 100% gantries with bus bar stringing and transformer plinth, completion of 100% cable trench with laying of cable trays.</p> <p>2. Completion of unfinished main control room * and 100% BCR.</p> <p>3. <u>Submission of PBG for Transformer.</u></p>



6	HF Cable, DCDB, PLCC Panels etc.	Commencement after 180 days & completion within 420 days	Completion of DCDB room.
7	Control & Relay Panels, SCADA, Battery Sets, Battery Chargers & Fire Fighting Equipments.	Commencement after 420 days & completion within 510 days	Completion of control room and laying of respective control cable. Completion of Battery room.
<b>Note:</b> 1. The contractor may supply the material prior to schedule delivery period. However, the payment eligibility will be as per hold points indicated above. 2. *Unfinished control room: Completion of slab, brick work & plastering. 3. It is mandatory for agency to take possession of site within 30 days from the date of issuance of LoA.			



**Activity Schedule for Erection Work**

Tender No.: SRM e-Tender No. T-2333/MSETCL/CO/Projects/Pre-Tender

Name of Work: Establishment of 220kV GIS at Virar west (Chikhaldongri), Dist. Palghar under Vashi Zone.

Name of Contractor: M/s MD Transcon Pvt. Ltd, Navi Mumbai

Completion Period: 24 months from the date of handing over of site.

Sr. No.	Activity	No. of days/months from the date of handing over of site	
		Commencement	Completion
	<b>ERECTION</b>		
1	Mobilization of manpower and T&P.	Within 30 days	
2	Conductor, Insulators Hardwares etc.	within 180 days	Within 360 days
3	GIS Bays	within 240 days	Within 520 days.
4	MS Flats, CI Pipes, Earthing Material, Yard Lighting, ACDB, Power & Control Cables, Cable Trays, Emergency Lightning System	Within 180 days	Within 360 days.
5	T/F, Station Transformer	Within 320 days	Within 460 days
6	HF Cable, DCDB, PLCC Panels etc.	Within 320 days	Within 460 days
7	Control & Relay Panels, SCADA, Battery Sets, Battery Chargers & Fire Fighting Equipments.	Within 300 days	Within 540 days

### Activity Schedule for Line Work

Tender No.: SRM e-Tender No. T-2333/MSETCL/CO/Projects/Pre-Tender

Name of Work: Establishment of 220kV GIS at Virar west (Chikhaldongri), Dist. Palghar under Vashi Zone.

Name of Contractor: M/s MD Transcon Pvt. Ltd, Navi Mumbai

Completion Period: 24 months from the date of handing over of site.

r. No	ACTIVITY	Schedule for completion of activities from date of LOA		Remarks/ Hold points for payments
		Commencement	Scheduled period of completion	
1	Visit to site , verification of scope of work, Establishment of site office and mobilisation of gang	After 5 days	Within 20 days	
2	Signing of contract agreement	After 10 days	Within 30 days	
3	Trial pits and inspection of route	After 7 days	Within 21 days	
4	Preliminary & Detailed Survey	After 15 days	Within 105 days	At the rate minimum 20 km per month
5	Check survey	After 10 days	Within 220 days	At the rate minimum 10 km per month
6	Approval of detailed /check survey & trial pits	After 20 days	Within 145 days	
7	Requisition of drawings of towers, stubs templates	After 5 days	Within 20 days	
8	Issuance of all drawings for execution by MSETCL	After 10 days	Within 30 days	Copy of trial pits report duly approved by Engineer in Charge be furnished
9	Collection of drawings by Contractor	5 days	15 days	
10	Preparation of shop drawings	15 days	45 days	
11	Proto manufacturing, assembly of tower, submission of call for inspection (if applicable)	After 30 days	Within 60 days	
12	Proto inspection	After 37 days	Within 70 days	



13	Supply of stub & stub setting templates	After 20 days	Within days	300	Supply to be effected within 15 days after approval of check survey
14	Tower foundation	After 20 days	Within days	400	At the rate minimum 15 locations per month
15	Supply of tower material	After 60 days	Within days	420	The foundation should have been casted for tower under supply. The towers to be supplied on per tower basis within 15 days of casting of foundation.
16	Erection of tower	After 80 days	Within days	450	50% tower foundations should be completed, Erection @ 30 loc. per month.
17	Supply of conductor, earthwire, insulators for accessories towers & conductor /groundwire & insulator Hardware .	After 180 days	Within days	480	Contractor's confirmation about complete erection of towers of equivalent route length is ready for stringing
18	Stringing of line	After 190 days	Within days	500	Atleast 50% of towers should have been erected. Progress @ 6 KM/Month
19	Miscellaneous works (fixing of tower accessories, tree cutting etc.)	After 220 days	Within days	510	
20	Inspection, testing & commissioning of line	After 510 days	Within days	540	

**Note:-**

1	Contractor may execute the erection works ahead of schedule dates. In such an event the schedule date for supply of respective materials stands preponed accordingly and such supplies will become eligible for payments.
2	The contractor shall supply the material as per actual requirement only, based on the bill of quantities after check survey & duly approved by Engineer incharge No additional /surplus material shall be accepted except specifically requisitioned by Engineer-In-Charge.
3	The contractor can supply the material prior to scheduled delivery period, however, the payment eligibility will be from the date as per approved schedule period subject to satisfying conditions of hold points.