



**MAHA**TRANSCO  
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 Matrix Grating Pvt. Ltd in Consortium**  
**with M/s Nilsikhaa Infraa, Indore,**  
Gat No.447/B,, Jolly board factory, Miraj,  
Pandharpur Road Tal - Kavthemahakal,  
Sangli -416419 Maharashtra,  
Email : matrixgpvtltd@gmail.com

MSETCL/CO/Projects/Pre-tender/T-2309/

**0 8 1 2 8**

Date: **23 NOV 2023**

**Sub:** Award of Turnkey work contract for construction of 220kV lines from 765kV Shikrapur (PGCIL) S/s (Package-A) under Pune Zone against tender no. T-2309 (RFx No. 6000001092).  
– **Letter of Award thereof.**

**Ref:** 1) SRM e-Tender No. T-2309/MSETCL/CO/Projects/Pre-Tender (RFx No. 6000001092).  
2) Your offer dated 05.07.2023 against subject tender.  
3) Tender acceptance B.R. No. 163/20 dated 21.09.2023.

Dear Sir,

In connection with the above subject, we are pleased to inform you that your offer for the turnkey works contract for construction of 220kV lines from 765kV Shikrapur (PGCIL) S/s (Package-A) under Pune Zone against tender no. T-2309 (RFx No. 6000001092) has been accepted for supply, ETC & Civil portion as per details below -

Sr. No.	Particulars of contract for T-2309	Amount	
1	Design, manufacture and supply of all materials execution of relevant civil works (wherever required) erection, testing and commissioning for turnkey works of- i.220kV M/C line from 765/400kV Shikrapur PGCIL SS to LILO point ( 400kV Babhaleshwar SS to 220kV Ranjangaon SS) - 5km. ii.220 kV line bays at 220 kV Khed City s/s - 2 nos.	<b>Total</b>	<b>Rs. 23,13,57,327.97</b> (Excluding GST) 3.30 % below tender estimate cost of Rs. 23,92,63,482.20 ( Excluding GST)

(The total cost is Rs. 27,30,01,647.00/- i.e. 3.3 % below the estimated cost of Rs. 28,23,30,907.49/- 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 **09 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, Pune.**
- 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.

**Special Note: Incentive Clause for the Tender as per IFB 4.2** - The incentive of 0.25% of estimated cost per fortnight (15 calendar days) subject to maximum 4 % (four %) of estimated cost will be allowed for early completion of work against the scheduled completion period.

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, Pune
- 2) The C.E., Design/Civil/AC&I, MSETCL, Mumbai
- 3) The Chief General Manager (F&A), MSETCL, Mumbai

**Copy to:**

- 1) The G.M. (F&A-I), FTU Section MSETCL, Mumbai
- 2) The S.E., EHV Projects Circle, MSETCL, Pune  
- It is requested to hand over the route/tower profiles to the agency.
- 3) The S.E., EHV Civil CCM Circle, MSETCL, Pune
- 4) The E.E., FTU/PMT, MSETCL, Mumbai. ....For further needful

**Sub: Award of Turnkey work contract for construction of 220kV lines from 765kV Shikrapur (PGCIL) S/s (Package-A) under Pune Zone against tender no. T-2309 (RFx No. 6000001092).**

**- Letter of Award thereof.**

**STANDARD TRANSMISSION LINE ACTIVITY SCHEDULE FOR PAYMENT ELIGIBILITY**

**Tender No.:** T-2309/MSETCL/CO/C&M/Pre-Tender (RFx No. 6000001092)

**Name of Work:** Construction of 220kV lines from 765kV Shikrapur (PGCIL) S/s (Package-B) under Pune Zone.

**Name of Contractor:** M/s Matrix Grating Pvt. Ltd in Consortium with M/s Nilsikhaa Infraa, Indore

**Completion Period:** 09 months from the date of handing over of site.

**COMPLETION PERIOD = 09 MONTHS**

Sr. No.	ACTIVITY	Schedule for completion of activities from date of LOA		Remarks/ Hold points for payments
		Commencement	Scheduled period of completion	
1	Submission of performance B.G. in lieu of S.D.		Within 10 days	
2	Visit to site , verification of scope of work, Establishment of site office and mobilisation of gang	After 5 days	Within 20 days	
3	Signing of contract agreement	After 10 days	Within 30 days	
4	Trial pits and inspection of route	After 7 days	Within 15 days	
5	Preliminary & Detailed Survey	After 10 days	Within 20 days	
6	Check survey	After 10 days	Within 30 days	
7	Approval of detailed /check survey & trial pits	After 15 days	Within 45 days	
8	Requisition of drawings of towers, stubs templates	After 5 days	Within 20 days	
9	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
10	Collection of drawings by Contractor	5 days	15 days	
11	Preparation of shop drawings	15 days	45 days	
12	Proto manufacturing, assembly of tower, submission of call for inspection (if applicable)	After 30 days	Within 60 days	
13	Proto inspection	After 37 days	Within 70 days	
14	Supply of stub & stub setting templates	After 20 days	Within 80 days	Supply to be effected within 15 days after approval of check survey
15	Tower foundation	After 20 days	Within 100 days	At the rate minimum 10 locations per month

16	Supply of tower material	After 60 days	Within 90 days	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.
17	Erection of tower	After 80 days	Within 180 days	50% tower foundations should be completed, Erection @ 6 loc. per month.
18	Supply of conductor, earthwire, insulators for accessories towers & conductor /groundwire & insulator Hardware .	After 60 days	Within 180 days	Contractor's confirmation about complete erection of towers of equivalent route length is ready for stringing
19	Stringing of line	After 90 days	Within 210 days	Atleast 50% of towers should have been erected. Progress @ 2.5 KM/Month
20	Miscellaneous works (fixing of tower accessories, tree cutting etc.)	After 100 days	Within 230 days	
21	Inspection, testing & commissioning of line	After 140 days	Within 270 days	

**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.

**STANDARD EHV BAYS ACTIVITY SCHEDULE FOR SUPPLY OF MATERIALS.**

**Tender No.:** T-2309/MSETCL/CO/C&M/Pre-Tender (RFx No. 6000001092)

**Name of Work:** Construction of 220kV lines from 765kV Shikrapur (PGCIL) S/s (Package-B) under Pune Zone.

**Name of Contractor:** M/s Matrix Grating Pvt. Ltd in Consortium with M/s Nilsikhaa Infraa, Indore

**Completion Period:** 09 months from the date of handing over of site.

Sr. No	Name of the material	Scheduled period for supply of material from date of LOA	Hold point for payment
1	Soil investigation, drawing submission i.e. Layout, Erection Key Diagram, Gantry Structure, Equipment Structure, Earthmat design, Cable trench & Foundation drawings etc.	Submission within 30 days	
2	Gantry materials	Commencement after 30 days & completion within 60 days.	Gantry material should be as per approved layout & site requirement and <b>equivalent to gantry foundations casted.</b>
3	Equipment structures	Commencement after 30 days & completion within 90 days.	Equipment structures should be as per requirement worked out from approved layout and equivalent to <b>respective equipment foundations casted.</b>
4	Conductor, insulators hardwares etc.	Commencement after 60 days & completion within 120 days.	Completion of 100% <b>gantry foundations &amp; 50 % gantry erection.</b>
5	CTs, PTs, LA, Isolator, BPI, clamp & connectors, M.K.	Commencement after 90 days & completion within 150 days.	1) Completion of erection of 100% gantries with bus bars stringing. 2) Erection of respective equipment structure.
6	MS Flats, CI Pipes, Earthing material, Yard lighting, ACDB, Power & control cables, cable trays	Commencement after 120 days & completion within 150 days.	Material should be as per finalization of BOQ by Engineer in charge as per actual requirement based on approved drawing and erection of 100% gantries with bus bar stringing.
7	Circuit Breakers	Commencement after 180 days & completion within 210 days	Completion of all equipment foundations and erection of it, 100% gantries with bus bars stringing and Reactor plinth and completion of 100% cable trench with laying of cable trays.
8	FOTE equipments, ABT Meters etc.	Commencement after 180 days & completion within 210 days.	Completion of all bay equipments except Circuit Breaker
9	Control & Relay panels, SCADA, Battery sets, battery chargers	Commencement after 210 days & completion within 250 days.	Completion of bay control rooms & erection of respective bay equipments and laying of respective control cable.
<b>Note: 1) The contractor may supply the material prior to scheduled delivery period. However, the payment eligibility will be as per hold points indicated as above. 2) It is mandatory for agency to take possession of site immediately on issue of LOA.</b>			