



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

From

The Chief Engineer, Projects Department
Plot No.C-19, "E" Block, Prakashganga,
Bandra – Kurla Complex,
Bandra (East), Mumbai – 400 051.
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To,

M/s Ideas Electricals & Engineers Pvt. Ltd.
“Ideas House” Plot No. 32, Gut No. 44, Near
Bajaj Hospital, Uma Gopal Nagar, Beed Bypass
Aurangabad - 431 010
Tel: +91 80078 03636
E-mail: info@ideasengineers.com

MSETCL/CO/Projects/Pre-tender/Substation/T-2441/ **07272** Date **15 OCT 2024**

Subject: Award of turnkey works contract for establishment of 132/33 kV GIS at MIHAN S/s along-with associated Tr. line, Dist. Nagpur under Nagpur Zone Maharashtra against SRM E-tender T-2441 (RFx No. 6000001230).

– Letter of Award thereof.

Reference: 1) SRM e-Tender No. T-2441/MSETCL/CO/Projects/T/Pre-Tender (RFx No. 6000001172) published on 01.08.2024
2) Your response no. 4000168015 against subject tender, opened on 20.08.2024.
3) Tender acceptance B.R. No. 169/45 dtd. 27.09.2024

Dear Sir,

In connection with the above subject, we are pleased to inform you that your offer for the turnkey works contract for establishment of 132/33 kV GIS at MIHAN S/s along-with associated Tr. line, Dist. Nagpur under Nagpur Zone Maharashtra against SRM E-tender T-2441 (RFx No. 6000001230) has been accepted for supply, ETC & Civil portion as per details below-

Sr. No.	Particulars of contract for T-2441	Amount	
		Total Contract Price	₹ 43,42,19,135.59 Excl. of GST (1.35% above the estimated cost of the tender ₹ 42,84,35,259.68)
1	Design, manufacture and supply of all materials execution of relevant civil works (wherever required) erection, testing and commissioning for turnkey work of establishment of 132/33 kV GIS at MIHAN S/s along-with associated Tr. line, Dist. Nagpur under Nagpur Zone Maharashtra against SRM E-tender T-2441 (RFx No. 6000001230).		

(The offer is Rs. 51,23,78,580.00 i.e. 1.35% above the estimated cost of Rs. 50,55,53,606.42 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 **12 months (Including 06 Months for Line)** from the date of handing over of site **(Excluding Monsoon)**.

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, Nagpur.**
- 3) To complete the formalities like furnishing of **Contract Performance Bank Guarantee** and **Execution Support Bank Guarantee** as per tender specifications 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.
- 4) To submit **Additional Performance Bank Guarantee against Transformer** at the time of supply of transformer.
- 5) To supply GIS material from **M/s Siemens Limited** as per MAF submitted along with the bid.

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, Nagpur
- 2) The C.E., Civil, MSETCL, Mumbai
- 3) The Chief General Manager (F&A), MSETCL, Mumbai

Copy to:

- 1) The G.M. (F&A-I), MSETCL, Mumbai
- 2) The S.E., (Scheme/Civil/Design/Post-tender), MSETCL, Mumbai
- 3) The S.E., EHV Projects Circle, MSETCL, Nagpur
- *It is requested to hand over the route/tower profiles to the agency immediately.*
- 4) The S.E., EHV Civil CCM Circle, MSETCL, Nagpur

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- **Letter of Award thereof.**

- 5) The E. E., (PMT), MSETCL, Mumbai
- 6) The E.E., (FTU), MSETCL, Mumbai
- 7) The E.E., (Design), MSETCL, Mumbai
- 8) The E.E., EHV Project Division-I, MSETCL, Nagpur
- 9) The E.E. EHV CCCM Division, MSETCL Nagpur

Activity Schedule for Supply of Material

SRM Tender No. : T-2441/MSETCL/CO/Projects/T/Pre-Tender (RFx No. 6000001230)
 Name of Work : Establishment of 132/33 kV GIS at MIHAN S/s along-with associated Tr.
 line, Dist. Nagpur under Nagpur Zone, Maharashtra
 Name of Contractor: M/s Ideas Electricals & Engineers Pvt. Ltd.
 Completion Period: 12 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 300 days.	Completion of 100% jumpering works.
3	GIS Bays	Commencement after 150 days & completion within 300 days.	Completion of erection of 100% GIS Bays. Submission of Execution Support Bank Guarantee.
4	MS Flats, CI Pipes, Earthing Material, Yard Lighting, ACDB, Power & Control Cables, Cable Trays, Emergency Lightning System	Commencement after 90 days & completion within 300 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 180 days & completion within 300 days	Completion of ICT plinth, construction/erection of all equipments foundations/structure required for station T/F.
6	HF Cable, DCDB, PLCC Panels etc.	Commencement after 150 days & completion within 300 days	Completion of DCDB room.
7	Control & Relay Panels, SCADA, Battery Sets, Battery Chargers & Fire Fighting Equipments.	Commencement after 180 days & completion within 300 days	Completion of control room and laying of respective control cable. Completion of Battery room.
	Note: 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

SRM Tender No. : T-2441/MSETCL/CO/Projects/T/Pre-Tender (RFx No. 6000001230)
Name of Work : Establishment of 132/33 kV GIS at MIHAN S/s along-with associated Tr.
line, Dist. Nagpur under Nagpur Zone, Maharashtra
Name of Contractor: M/s Ideas Electricals & Engineers Pvt. Ltd.
Completion Period: 12 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
	ERECTION		
1	Mobilization of manpower and T&P.	Within 30 days	
2	Conductor, Insulators Hardwares etc.	within 120 days	Within 300 days
3	GIS Bays	within 180 days	Within 330 days.
4	MS Flats, CI Pipes, Earthing Material, Yard Lighting, ACDB, Power & Control Cables, Cable Trays, Emergency Lightning System	Within 120 days	Within 330 days.
5	T/F, Station Transformer	Within 210 days	Within 300 days
6	HF Cable, DCDB, PLCC Panels etc.	Within 210 days	Within 300 days
7	Control & Relay Panels, SCADA, Battery Sets, Battery Chargers & Fire Fighting Equipments.	Within 270 days	Within 330 days

Activity Schedule for Civil Works

SRM Tender No. : T-2441/MSETCL/CO/Projects/T/Pre-Tender (RFx No. 6000001230)
 Name of Work : Establishment of 132/33 kV GIS at MIHAN S/s along-with associated Tr. line,
 Dist. Nagpur under Nagpur Zone, Maharashtra
 Name of Contractor: M/s Ideas Electricals & Engineers Pvt. Ltd.
 Completion Period: 12 months from the date of handing over of site.

Sr. No.	Activity	No. of days from the date of handing over of site			Hold point for payments	Remarks
		Commencement	Days	Completion		
1	Visit to site, collection of site details viz. contour survey, preparation of layout. Layout, organizing soil investigation and submission of reports to Corporate Office and field office.	Within 5 days	25	Within 30 days		The in- charge S.E.(C), to be contacted and joint visit to be undertaken with official nominated by him.
2	Establishment of site office/store/labour camp	Within 10 days	10	Within 20 days		Location to be got approved from Engineer in charge.
3	Collection/finalization of foundation, control room& other drawings	Within 30 days	30	Within 60 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	Construction of store shed, drilling of bore well, P/F pump etc.	Within 30 days	45	Within 75 days		
5	Land development	Within 30 days	60	Within 90 days		
6	Compound wall, retaining wall, chainlink fencing, gates & watchman cabin	Within 30 days	120	Within 150 days		
7	T/F foundations with rail track	Within 60 days	90	Within 150 days		start date after land development of 132kV yard
8	Gantry and LM foundations	Within 60 days	90	Within 150 days		
9	Equipment foundations	Within 60 days	90	Within 150 days		

10	Cable trenches	Within 90 days	90	Within 180 days		
11	Control room along with GIS hall a) foundations & upto plinth including cable trenches & cable celler b) RCC work upto lintel c) RCC work upto & including slab d) RCC work for first floor including slab e) Brickwork & plastering f) Flooring, finishing & painting	Within 60 days Within 90 days Within 135 days Within 195 days Within 180 days Within 200 days	60 45 60 30 70 60	Within 120 days Within 135 days Within 195 days Within 225 days Within 250 days Within 260 days		After de-shuttering of main slab.
12	Approach road , WBM roads	Within 90 days	60	Within 150 days		
13	All foundations grouting, plastering, Painting & finishing	Within 150 days	75	Within 225 days		
14	GI pipeline & metal spreading	Within 225 days	50	Within 275 days		
15	Asphalting of WBM roads	Within 225 days	60	Within 285 days		
16	Rectifications if any	Within 285 days	45	Within 330 days		

STANDARD ACTIVITY SCHEDULE FOR PAYMENT ELIGIBILITY

SRM Tender No. : T-2441/MSETCL/CO/Projects/T/Pre-Tender (RFx No. 6000001230)
Name of Work : Establishment of 132/33 kV GIS at MIHAN S/s along-with associated Tr. line, Dist. Nagpur under Nagpur Zone, Maharashtra
Name of Contractor: M/s Ideas Electricals & Engineers Pvt. Ltd.
Completion Period: 12 months from the date of handing over of site.

Sr. No.	ACTIVITY	Schedule for completion of activities		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 90 days	At the rate minimum 10 locations per month
16	Supply of tower material	After 60 days	Within 100 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 120 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 90 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 140 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 140 days	
21	Inspection, testing & commissioning of line	After 140 days	Within 180 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.