



MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.
(CIN NO. U40109MH20055GC153646)

From,
The Office of Chief Engineer (Projects),
5th 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)
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To,
M/s Stelmec Ltd.
55 Corporate Avenue, 506/507,
5th Floor, Saki Vihar Road,
Andheri (E), Mumbai – 400 072
E-mail: nitin.patil@stelmec.com
prdesai@stelmec.com

MSETCL/CO/Projects/Pre-tender/T-2412/

007271

Date: **11 5 OCT 2024**

Sub: Award of Turnkey works contract of establishment of 400 kV GIS at Pimpalgaon Dist., Nashik under Nashik Zone against tender no. T-2412 (RFx No. 6000001166).

– **Letter of Award thereof.**

Ref: 1) SRM e-Tender No. T-2412/MSETCL/CO/Projects/Pre-Tender (RFx No. 6000001166).
2) Your offer dated 07.05.2024 against subject tender.
3) Tender acceptance B.R. No. 169/44 dated 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 of establishment of 400 kV GIS at Pimpalgaon Dist., Nashik under Nashik Zone against tender no. T-2412 (RFx No. 6000001166) has been accepted for Supply, ETC & Civil portion as per details below -

Particulars of contract	Amount
Design, manufacture and supply of all materials execution of relevant civil works, erection, testing and commissioning of below works: 1) 7x167 MVA, 400/220 kV ICT along with HV/LV GIS bays. 2) 125 MVAR, 400 kV GIS bus reactor - 1 no. 3) 80 MVAR, 400 kV AIS line reactor - 2 nos. 4) 400 kV line by making LILO on both ckt. of 400 kV Aurangabad-Boisar line - 1.136 kms. 5) 220 kV M/C line by making LILO on both ckt. on 220 kV Eklahare-Pimpalgaon - 6.881 kms. 6) Reorientation of 132kV lines at existing 132 kV Ranwad s/s - 2 kms. 7) 132 kV AIS End bays at 132kV Ranwad s/s - 4 nos.	Total Rs. 274,35,59,000/- (Excl. of GST) (7.02% above the estimated cost of the tender of Rs. 256,35,72,880/-)

(Total cost is Rs. 323,74,00,000/- i.e. 7.02% above the estimated cost of Rs. 302,50,16,000 including all taxes and duties.)

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, Nashik.
- 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.
- 5) To submit, the 10% PBG to the value of Transformers/ ICTs shall be furnished by manufacturer/supplier for 5 years from date of supply.
- 6) To supply the EHV GIS equipment's from submitted MAF during the tender
 - i) For EHV GIS equipment's supply – MAF of M/s GE T&D India 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, Nashik
- 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 400 kV GIS at Pimpalgaon Dist., Nashik under Nashik Zone against tender no. T-2412 (RFx No. 6000001166).

– 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, Nashik
- 3) The S.E., EHV Civil CCM Circle, MSETCL, Nashik
- 4) The E.E., FTU/PMT, MSETCL, Mumbai.

Sub: *Award of Turnkey works contract of establishment of 400 kV GIS at Pimpalgaon Dist., Nashik under Nashik Zone against tender no. T-2412 (RFx No. 6000001166).*
– *Letter of Award thereof.*

Activity Schedule for Supply of Material

Tender No.: T-2412/MSETCL/CO/CE/Projects/Pretender

Name of Work: Establishment of 400 kV GIS at Pimpalgaon under Nashik Zone.

Name of Contractor: M/s Stelmec Ltd.

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, Gantry Structure, Equipment Structure, Earth mat Design, Cable Trench, Control Room & Foundation Drawing etc.	Submission within 30 days	
2	Gantry Materials	Commencement after 30 days & completion within 180 days.	Gantry material should be as per approved layout & site requirement and equivalent to gantry foundations casted.
3	Equipment Structures	Commencement after 90 days & completion within 260 days.	Equipment structures should be as per requirement worked out from approved layout and equivalent to respective equipment foundations casted.
4	Conductor, Insulators Hardwares etc.	Commencement after 90 days & completion within 360 days.	Completion of 100% gantry foundations & 50% gantry erection.
5	GIS Equipments	Commencement after 120 days & completion within 420 days.	1. Completion of erection of 100% gantries with bus bar stringing. 2. Erection of respective equipment structure.
6	MS Flats, CI Pipes, Earthing Material, Yard Lighting, ACDB, Power & Control Cables, Cable Trays,	Commencement after 360 days & completion within 420 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	Capacitor Bank, Circuit Breakers, Power Transformer, ICT & Station Transformer	Commencement after 240 days & completion within 460 days	1. Completion of all equipment foundations & erection of it, 100% gantries with bus bar stringing and transformer plinth, completion of 100% cable trench with laying of cable trays. 2. Completion of unfinished main control room * and 100% BCR.

8	PLCC Equipments, HF Cable, PLCC Panels/DCDB, FOTE Panel etc.	Commencement after 420 days & completion within 560 days.	Completion of all bay equipments except circuit breaker, power transformer / ICT and complete finishing of PLCC room.
9	Control & Relay Panels, SCADA, Battery Sets, Battery Chargers& Fire Fighting Equipments.	Commencement after 560 days & completion within 660 days.	Completion of control room, bay control rooms & erection of respective bay equipments& laying of respective control cable.
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

Tender No.: T-2412/MSETCL/CO/CE/Projects/Pretender
Name of Work: Establishment of 400 kV GIS at Pimpalgaon under Nashik Zone.
Name of Contractor: M/s Stelmec Ltd.
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		Hold point for payments	Remarks
		Commencement	Completion		
	ERECTION				
1	Mobilization of gang	Within 30 days			
2	Arrangement of work and power supply, tests etc.	Within 30 days			
3	Erection of gantry structures and stringing of bus bar	Within 75 days	Within 240 days.		
4	Equipment structures	Within 75 days	Within 240 days.		
5	Erection work of GIS equipments	Within 210 days	Within 360 days.		
6	Earthing, layout of earth mat, cable laying, cable trenches & yard lighting	Within 240 days	Within 360 days.		
7	PLCC equipments i.e. WT CC, DCDB, & PLC terminal	Within 300 days	Within 390 days.		
8	Erection of capacitor bank, power transformer and stations transformer	Within 330 days	Within 420 days		
9	Installation of C&R panels, battery & battery charger.	Within 360 days	Within 420 days.		
10	Pre commissioning trials/testing.	Within 420 days	Within 510 days.		
11	Electrical installation.	Within 510 days	Within 660 days.		

Activity Schedule for Civil Work

Tender No.: T-2412/MSETCL/CO/CE/Projects/Pretender
 Name of Work: Establishment of 400 kV GIS at Pimpalgaon under Nashik Zone.
 Name of Contractor: M/s Stelmec Ltd.
 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		Hold point for payments	Remarks
		Commencement	Completion		
(A)	CIVIL WORKS				
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 with official nominated by him.	
2	Establishment of site store	Within 10 days	Within 30 days	Location to be got approved from Engineer in charge.	
3	Fencing, yard leveling	Within 15 days	Within 45 days	The scope of work and estimated cost to be got approved from S.E.(Civil) In charge of works	
4	Approach Roads, Rail track works	Within 45 days	Within 90 days		
5	Collection/finalization of foundation drawings & control room drawing	Within 30 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).	
6	Civil foundation for:				
	Gantries	Within 30 days	Within 150 days		
	GIS Equipments	Within 120 days	Within 210 days		
	Transformers	Within 120 days	Within 210 days		
	Capacitor Bank	Within 120 days	Within 210 days		

7	Control Room				
	i)Foundations	Within 30 days	Within 150 days		
	ii)Brick work upto lintel	Within 90 days	Within 180 days		
	iii)Lintel to slab and casting of slab	Within 135 days	Within 210 days		
	iv)Plaster, trench with doors and windows	Within 210 days	Within 360 days		
	v)Painting finishing	Within 300 days	Within 420 days		
8	Construction of store shed & Cycle Stand	Within 330 days	Within 460 days		
9	Compound wall	Within 30 days	Within 300 days		
10	Metal spreading & GI Pipeline	Within 390 days	Within 420 days		
11	Watchmen Cabin/ Sump well	Within 420 days	Within 560 days		

Activity Schedule for Tr. Line work

Tender No.: T-2412/MSETCL/CO/CE/Projects/Pretender
Name of Work: Establishment of 400 kV GIS at Pimpalgaon under Nashik Zone.
Name of Contractor: M/s Stelmec Ltd.
Completion Period: 24 months from the date of handing over of site.

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 21 days	
5	Preliminary & Detailed Survey	After 15 days	Within 68 days	
6	Check survey	After 10 days	Within 136 days	
7	Approval of detailed /check survey & trial pits	After 20 days	Within 145 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 45 days	
13	Proto inspection	After 37 days	Within 60 days	
14	Supply of stub & stub setting templates	After 20 days	Within 160 days	Supply to be effected within 15 days after approval of check survey
15	Tower foundation	After 20 days	Within 250 days	
16	Supply of tower material	After 40 days	Within 270 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 60 days	Within 390 days	50% tower foundations should be completed.
18	Supply of conductor, earthwire, insulators for accessories towers & conductor /groundwire & insulator Hardware .	After 180 days	Within 275 days	Contractor's confirmation about complete erection of towers of equivalent route length is ready for stringing
19	Stringing of line	After 190 days	Within 300 days	Atleast 50% of towers should have been erected.
20	Miscellaneous works (fixing of tower accessories,tree cutting etc.)	After 220 days	Within 310 days	
21	Inspection, testing & commissioning of line	After 275 days	Within 360 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 in charge 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.