

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD
(CIN No. U40109MH2005SGC153646)

From The Chief Engineer (C&M), 5 th 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 Stelmec Ltd. 55 Corporate Avenue, 506/507, 5th Floor, Saki Vihar Road, Andheri (E), Mumbai – 400 072
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MSETCL/CO/C&M/Pre Tender/7383

Date: 09/12/2021

Sub: Letter of Award for “Establishment of 220/33KV Vikharan AIS Sub-station along with associated EHV Lines for Dondaicha Solar Park MAHAGENCO, Dist Dhule under Nashik Zone on turnkey basis against tender no. T-2110 (PEX No. 6000000971)”

Activity Schedule for Supply of Material

Tender No.: T-2110/MSETCL/CO/C&M/Pretender (RFx No. 6000000971)
Name of Work: Establishment of 220/33KV Vikharan AIS Sub-station along with associated EHV Lines.
Name of Contractor: M/s Stelmec 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, 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 30 days & completion within 180 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 210 days.	Completion of 100% gantry foundations & 50% gantry erection.
5	CTs, PTs, LA, Isolator, BPI, CC, WT, Clamp & Connectors, M.K.	Commencement after 120 days & completion within 280 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 120 days & completion within 280 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 180 days & completion within 320 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 180 days & completion within 320 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 180 days & completion within 320 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-2110/MSETCL/CO/C&M/Pretender (RFx No. 6000000971)
Name of Work: Establishment of 220/33KV Vikharan AIS Sub-station along with associated EHV Lines.
Name of Contractor: M/s Stelmec 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		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	CT, PT, LA, Isolator, & BPI	Within 180 days	Within 320 days.		
6	Earthing, layout of earth mat, cable laying, cable trenches & yard lighting	Within 210 days	Within 320 days.		
7	PLCC equipments i.e. WT CC, DCDB, & PLC terminal	Within 210 days	Within 320 days.		
8	Erection of capacitor bank, power transformer and stations transformer	Within 240 days	Within 340 days.		
9	Installation of C&R panels, battery & battery charger.	Within 280 days	Within 340 days.		
10	Pre commissioning trials/testing.	Within 280 days	Within 360days.		
11	Electrical installation.	Within 280 days	Within 360days.		

Activity Schedule for Civil Work

Tender No.: T-2110/MSETCL/CO/C&M/Pretender (RFx No. 6000000971)
 Name of Work: Establishment of 220/33KV Vikharan AIS Sub-station along with associated EHV Lines.
 Name of Contractor: M/s Stelmec 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		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 120 days		
	Equipments	Within 60 days	Within 180 days		
	Transformers	Within 30 days	Within 120 days		
	Capacitor Bank	Within 120 days	Within 150 days		
	End Bays	Within 60 days	Within 120 days		

7	Control Room				
	i)Foundations	Within 30 days	Within 90 days		
	ii)Brick work upto lintel	Within 90 days	Within 135 days		
	iii)Lintel to slab and casting of slab	Within 135 days	Within 180 days		
	iv)Plaster, trench with doors and windows	Within 210 days	Within 300 days		
	v)Painting finishing	Within 260 days	Within 330 days		
8	Construction of store shed & Cycle Stand	Within 260 days	Within 330 days		
9	Compound wall	Within 30 days	Within 180 days		
10	Metal spreading & GI Pipeline	Within 280 days	Within 360 days		
11	Watchmen Cabin/ Sump well	Within 280 days	Within 360 days		