

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD

(CIN No.U40109MH2005SGC153646)

From The Chief Engineer, Projects Department Plot No.C-19, "E" Block, Prakashganga, Bandra – Kurla Complex, Bandra (East), Mumbai – 400 051. Tel: 022-2659 5124(O)/ 022-2659 5125 Fax: 022-2659 8587 E-mail : cecm@mahatransco.in	To, M/s Rahul Agencies Shop No. 5, Near Kiran Hotel, Opp. Muktidham, Nashik Road, Nashik 422101 Tel: 0253 2452871 / +91 9423788828 E-mail : rahulagencies.nsk@gmail.com
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MSETCL/CO/Projects/Pre-tender/Substation/T-2410/ 006246

Date:

13 SEP 2024

Subject: Award of Turnkey work contract for Construction of 220kV D/C line from CTT location around 3.93km from 400/220kV Talegaon PGCIL S/S to 220kV Chakan Phase-II S/S using O/H HTLS conductor on monopole – 3.89km along with 2x220kV end bays at 220kV Chakan Phase-II S/S under Pune zone Maharashtra against SRM E-tender T-2410 (RFx No. 6000001172).

– Letter of Award thereof.

Reference: 1) SRM e-Tender No. T-2410/MSETCL/CO/Projects/T/Pre-Tender (RFx No. 6000001172) published on 05.03.2024

2) Your response no. 4000161540 against subject tender, opened on 27.03.2024.

3) Tender acceptance B.R. No. 168/13 dtd. 22.07.2024

4) LoA placement Approval No. CMD/MSETCL/855 dtd. 03.09.2024

Dear Sir,

In connection with the above subject, we are pleased to inform you that your offer for the turnkey works contract for Construction of 220kV D/C line from CTT location around 3.93km from 400/220kV Talegaon PGCIL S/S to 220kV Chakan Phase-II S/S using O/H HTLS conductor on monopole – 3.89km along with 2x220kV end bays at 220kV Chakan Phase-II S/S under Pune zone Maharashtra against SRM E-tender T-2410 (RFx No. 6000001172) has been accepted for supply, ETC & Civil portion as per details below-

Sr. No.	Particulars of contract for T-2410	Amount	
1	Design, manufacture and supply of all materials execution of relevant civil works (wherever required) erection, testing and commissioning for turnkey work of Construction of 220kV D/C line from CTT location around 3.93km from 400/220kV Talegaon PGCIL S/S to 220kV Chakan Phase-II S/S using O/H HTLS conductor on monopole – 3.89km along with 2x220kV end bays at 220kV Chakan Phase-II S/S under Pune zone Maharashtra against SRM E-tender T-2410 (RFx No. 6000001172)	Supply	₹ 19,93,39,989.77/-
		ETC	₹ 2,56,15,033.75/-
		Civil	₹ 9,26,15,237.50/-
		Total Contract Price	₹ 31,75,70,261.02/- Excl. of GST (0.75% below the estimated cost of the tender ₹ 31,99,70,036.14/-)

(The offer is Rs. 37,47,32,908.00 i.e. 0.75% below the estimated cost of Rs. 37,75,64,642.64 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** 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, 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.

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

*Subject: Award of Turnkey work contract for Construction of 220kV D/C line from CTT location around 3.93km from 400/220kV Talegaon PGCIL S/S to 220kV Chakan Phase-II S/S using O/H HTLS conductor on monopole – 3.89km along with 2x220kV end bays at 220kV Chakan Phase-II S/S under Pune zone Maharashtra against SRM E-tender T-2410 (RFx No. 6000001172).
– Letter of Award thereof.*

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, Pune
- *It is requested to hand over the route/tower profiles to the agency immediately.*
- 4) The S.E., EHV Civil CCM Circle, MSETCL, Pune
- 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-II, MSETCL, Pune
- 9) The E.E. EHV CCCM Division, MSETCL Pune

Subject: Award of Turnkey work contract for Construction of 220kV D/C line from CTT location around 3.93km from 400/220kV Talegaon PGCIL S/S to 220kV Chakan Phase-II S/S using O/H HTLS conductor on monopole – 3.89km along with 2x220kV end bays at 220kV Chakan Phase-II S/S under Pune zone Maharashtra against SRM E-tender T-2410 (RFx No. 6000001172).
- *Letter of Award thereof.*

STANDARD ACTIVITY SCHEDULE OF MONOPOLE WORK FOR PAYMENT ELIGIBILITY

Tender No.: T-2410/MSETCL/CO/Projects/T/Pre-Tender (RFx No. 6000001172)

Name of Work: Work of Construction of 220kV D/C line from CTT location from 400/220kV Talegaon PGCIL S/S to 220kV Chakan Phase-II – 3.89km along with end bays at 220kV Chakan Phase-II S/S under Pune zone Maharashtra

Name of Contractor: M/s Rahul Agencies

Completion Period: 12 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
		Commence ment	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	At the rate minimum 20 km per month
6	Check survey	After 10 days	Within 136 days	At the rate minimum 10 km per month
7	Approval of detailed /check survey & trial pits	After 20 days	Within 145 days	
8	Requisition of drawings of Monopole tower & Conductor etc.	After 5 days	Within 30 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	After 5 days	Within 15 days	
12	Proto manufacturing, assembly of monopole tower, submission of call for inspection (if applicable)	After 30 days	Within 45 days	After Check survey & Monopole Design approval.
13	Proto inspection	After 37 days	Within 60 days	

14	Supply of base plate & foundation bolt & temples	After 20 days	Within 160 days	After Monopole Design approval & supply at site.
15	Monopole tower foundation	After 20 days	Within 250 days	After Foundation Design Approval & At the rate minimum 10 locations per month.
16	Supply of Monopole tower material & accessories.	After 40 days	Within 270 days	<ul style="list-style-type: none"> For 50% monopole supplies, at least 30% of total foundations should have been completed. For remaining 50% of monopole supplies, at least 60% of total foundations should have been completed. The Monopole to be supplied in complete shape.
17	Erection of Monopole tower	After 60 days	Within 390 days	On pro-rata basis simultaneous monopole erection after completion of foundation.
18	Supply of conductor, earthwire, insulators etc. material required.	After 180 days	Within 275 days	Contractor's confirmation about complete erection of Monopole towers of equivalent route length is ready for stringing
19	Stringing of line	After 190 days	Within 300 days	On pro-rata basis simultaneous stringing of line after completion of monopole erection work.
20	Miscellaneous works (fixing of tower accessories, tree cutting etc.)	After 220 days	Within 310 days	Simultaneous while monopole erection and conductor stringing.
21	Inspection, testing & commissioning of line	After 275 days	Within 365 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.
4	The Monopole Mfg. should provide free access to owner at any time for in process inspection of Monopole during the execution of contract.

Activity Schedule for Supply of Material (End Bay)

Tender No.: T-2410/MSETCL/CO/Projects/T/Pre-Tender (RFx No. 6000001172)

Name of Work: Work of Construction of 220kV D/C line from CTT location from 400/220kV Talegaon PGCIL S/S to 220kV Chakan Phase-II – 3.89km along with end bays at 220kV Chakan Phase-II S/S under Pune zone Maharashtra

Name of Contractor: M/s Rahul Agencies

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 120 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 120 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 75 days & completion within 180 days.	Completion of 100% gantry foundations & 50% gantry erection.
5	CTs, PTs, LA, Isolator, BPI, CC, WT, Clamp & Connectors, M.K.	Commencement after 90 days & completion within 240 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 200 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 200 days & completion within 270 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, etc.	Commencement after 200 days & completion within 250 days.	Completion of all bay equipments except circuit breaker, power transformer / ICT and complete finishing of PLCC room.
9	Control & Relay Panels, & Fire Fighting Equipment's.	Commencement after 300 days & completion within 365 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 (End Bay)

Tender No.: T-2410/MSETCL/CO/Projects/T/Pre-Tender (RFx No. 6000001172)

Name of Work: Work of Construction of 220kV D/C line from CTT location from 400/220kV Talegaon PGCIL S/S to 220kV Chakan Phase-II – 3.89km along with end bays at 220kV Chakan Phase-II S/S under Pune zone Maharashtra

Name of Contractor: M/s Rahul Agencies

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 120 days.		
4	Equipment structures	Within 75 days	Within 135 days.		
5	CT, PT, LA, Isolator, & BPI	Within 120 days	Within 200 days.		
6	Earthing, layout of earth mat, cable laying, cable trenches & yard lighting	Within 150 days	Within 210 days.		
7	PLCC equipments i.e. WT CC, DCDB, & PLC terminal	Within 180 days	Within 240 days.		
8	Installation of C&R panels	Within 180 days	Within 240 days.		
9	Pre commissioning trials/testing.	Within 220 days	Within 245 days.		
10	Electrical installation.	Within 180 days	Within 365 days.		

Activity Schedule for Civil Work (End Bay)

Tender No.: T-2410/MSETCL/CO/Projects/T/Pre-Tender (RFx No. 6000001172)

Name of Work: Work of Construction of 220kV D/C line from CTT location from 400/220kV Talegaon
PGCIL S/S to 220kV Chakan Phase-II – 3.89km along with end bays at 220kV Chakan
Phase-II S/S under Pune zone Maharashtra

Name of Contractor: M/s Rahul Agencies

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, Preparation of Action plan and Bar chart.	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, construction of store shed	Within 10 days	Within 30 days	Location to be got approved from Engineer in charge.	
5	Collection/finalization of foundation drawings	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		
	Equipments	Within 30 days	Within 150 days		
7	Cable Trench with Covers	Within 90 days	Within 180 days		
8	Metal Spreading, laying G.I. Pipe lines.	Within 250 days	Within 320 days		