

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

<b>From</b> The Chief Engineer (C&M), 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	<b>To</b> M/s GE T&D India Ltd. T-5 & T-6, Plot -14, Axis House Jaypee Wishtown, Sector -128, Noida -201304, Uttar Pradesh Tel: +91 120 5021500 Fax: +91 120 5021501 E-mail: durgesh.dhapre@ge.com
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MSETCL/CO/C&M/Pre-T/SSPre-Tender/

Date:

08776

19 NOV 2019

**Sub:** Letter of Award for “Establishment of 220 kV GIS Switching Stations at Khandeshwar and Kharghar (Waghivali) Dist. Raigad under Vashi zone Maharashtra on turnkey basis against tender no. T-1934 (RFx No. 6000000729)”.

- Ref:**
- 1) SRM e -Tender No. T-1934/MSETCL/CO/C&M/Pre-T/Pre-Tender (RFx No. 6000000729)
  - 2) Your offer dtd. 08.07.2019 against subject tender.
  - 3) Scheme B.R. No. 98/20 dtd. 16.03.2015
  - 4) Tender acceptance B.R. No. 137/24 dtd. 05.09.2019
  - 5) MERC approval – MERC/Capex/MSETCL/2014-15/635 dtd. 09.09.2015

Dear Sir,

In connection with above subject, we are pleased to inform you that your above referred offer for the work of establishment of 220 kV GIS Switching Stations at Khandeshwar and Kharghar (Waghivali) Dist. Raigad under Vashi zone Maharashtra on turnkey basis has been accepted. The details are as follows.

Description of works	Final Price quoted in Rs.
Supply of equipments and materials for the work of establishment of 220 kV GIS Switching Stations at Khandeshwar and Kharghar (Waghivali) Dist. Raigad under Vashi zone Maharashtra on turnkey basis for following scope of work:-	For Supply Rs. 27,52,92,297.96 For ETC Rs. 55,15,739.98 For Civil Rs. 4,04,43,848.48 <b>Total Rs. 32,12,51,886.42</b> (Inclusive of all Taxes & Duties)
1) 220 kV GIS Switching Stations at Khandeshwar <ul style="list-style-type: none"> <li>• 4X220 KV line bays</li> <li>• 1X220KV Bus Coupler bay</li> <li>• 2X220KV PT bays</li> </ul>	
2) 220 kV GIS Switching Stations at Kharghar (Waghivali) <ul style="list-style-type: none"> <li>• 4X220 KV line bays</li> <li>• 1X220KV Bus Coupler bay</li> <li>• 2X220KV PT bays</li> </ul>	

(Rupees Thirty-two Crore Twelve Lakh Fifty-one Thousand Eight Hundred Eighty-six and Paise Forty-Two Only)

The activity schedule for supply, ETC & Civil works is enclosed herewith.

It may please be noted that the scope shall also include supply, ETC & Civil works of all equipments/materials, design of civil works and required materials which are not specifically listed in your offer but are necessary in order to meet the requirements of the substation as per tender specifications in all respect. Detailed terms and conditions will be as per the tender specifications, amendments thereof, your offer, clarifications thereon and contract agreement being executed shortly. The balance excess/extra material will not be accepted by MSETCL. Therefore the agency should take care for appropriate supply of material to complete the turnkey project. The work of above substation has to be completed within 12 months from the date of handing over of site (excluding monsoon).

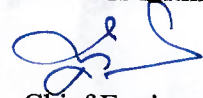
You are requested:-

1. To intimate the acceptance of this LoA within 10 days from receipt of LoA.
2. To submit the bar chart indicating all activities for completion of the S/S within 10 days.
3. To submit price schedule with detailed break up of unit rate into ex-works price, tax, freight & insurance etc. within 10 days from receipt of LoA.
4. To complete the formalities like furnishing of Performance Bank guarantee as per the Clause No. 6.0 of Section-II of Book-I in prescribed format so that the contract agreement can be finalized.

Thanking you.

Encl: Activity schedules.

Yours faithfully,



Chief Engineer (C&M)

Copy s.w.rs. to:

- 1) The Director (Projects), MSETCL, Mumbai.

Copy f.w.cs. to:

- 1) The C.E., EHV PC O&M Zone, MSETCL, Vashi.
- 2) The C.E., Project Scheme/Civil/D&P, MSETCL, Mumbai.
- 3) The C.G.M. (F&A), MSETCL, Mumbai.

Copy to:

- 1) The G.M. (F&A, Projects), MSETCL, Mumbai.
- 2) The S.E., EHV Projects Circle, MSETCL, Kalwa.
- 3) The S.E., EHV Civil CCM Circle, MSETCL, Airoli.
- 4) The S.E. (Post Tender), C.O. MSETCL, Mumbai.
- 5) The E.E., EHV Projects Division, Kalwa.
- 6) The E.E., EHV Civil CCM Division, Panvel.
- 7) The E.E. (D&E-S1)/(D&E-S-2), C.O. MSETCL, Mumbai.
- 8) The E.E., PMT, MSETCL, Mumbai. ....For further needful
- 9) The E.E., FTU, MSETCL, Mumbai. ....For further needful

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**Activity Schedule for Supply of Material**

Tender No.: SRM e -Tender No. T-1934/MSETCL/CO/C&M/Pre-T/Pre-Tender (RFx No.6000000729).

Name of Work: Establishment of 220 kV GIS Switching Stations at Khandeshwar and Kharghar (Waghivali) Dist. Raigad under Vashi zone Maharashtra on turnkey basis.

Name of Contractor: M/s G.E. T&D (I) 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 points
1	Soil investigation, Drawing submission i.e. layout, Erection Key Diagram, Earth mat Design, Cable Trench, Control Room & Foundation Drawing etc.	within 90 days in sequence of Drawing	
2	Conductor, Insulators Hardwares etc.	Commencement after 120 days & completion within 240 days.	Completion of Gantry work
3	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.
4	DCDB, FOTE etc.	Commencement after 210 days & completion within 310 days	To be supplied after civil control room
5	GIS Bays	Commencement after 240 days & completion within 300 days	GIS delivery to be commenced after completion of GIS Foundation & Roof Slab.

  
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TL Pre-tender

6	Control & Relay Panels, SCADA, Battery Sets, Battery Chargers & Fire Fighting Equipments.	Commencement after 210 days & completion within 320 days	60% of the cost for supply of materials/equipment shall be payable within 45 days against the receipt at site. 30% of the cost of supply of materials/equipment shall be payable within 45 days against successful erection. The balance 10% of the cost of supply of materials/equipment shall be payable within 45 days upon successful commissioning

  
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**Activity Schedule for Erection Work**


Tender No.: SRM e -Tender No. T-1934/MSETCL/CO/C&M/Pre-T/Pre-Tender (RFx No. 6000000729)

Name of Work: Establishment of 220 kV GIS Switching Stations at Khandeshwar and Kharghar (Waghivali) Dist. Raigad under Vashi zone Maharashtra on turnkey basis

Name of Contractor: M/s G.E. T&D (I) 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
	<b>ERECTION</b>		
1	Mobilization of manpower and T&P.	Within 30 days	
2	Conductor, Insulators Hardwares etc.	within 210 days	within 270 days
3	MS Flats, CI Pipes, Earthing Material, Yard Lighting, ACDB, Power & Control Cables, Cable Trays, Emergency Lightning System	within 210 days	within 330 days
4	GIS Bays	within 240 days	within 330 days
5	HF Cable, DCDB, PLCC Panels etc.	within 240 days	within 330 days
6	Control & Relay Panels, SCADA, Battery Sets, Battery Chargers & Fire Fighting Equipments.	within 260 days	Within 340 days

  
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### Activity Schedule for Civil Work


Tender No.: SRM e -Tender No. T-1934/MSETCL/CO/C&M/Pre-T/Pre-Tender (RFx No. 6000000729)

Name of Work: Establishment of 220 kV GIS Switching Stations at Khandeshwar and Kharghar (Waghivali) Dist. Raigad under Vashi zone Maharashtra on turnkey basis


Name of Contractor: M/s G.E. T&D (I) Ltd.

Completion Period: 12 months from the date of handing over of site.

Sr. No	Activity	Commencement	Completion	Remarks
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 nominated by him.
2	Establishment of site store, construction of store shed/Labour Camp	Within 10 days	Within 30 days	Location to be got approved from Engineer in charge.
3	Collection/ finalization of foundation drawings & control room drawing	Within 15 days	Within 45 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	Compound wall/ retaining wall/ Fencing/ watch men cabin	Within 30 days	Within 150 days	The scope of work and estimated cost to be got approved from S.E.(Civil) In charge of works
5	Civil foundation for:			
	Gantries	Within 30 days	Within 90 days	
	Equipments	Within 60 days	Within 180 days	
	Cable Trench	Within 60 days	Within 120 days	
6	GIS Building			
	i) Foundations	Within 45 days	Within 90 days	

  
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	ii)Brick work upto lintel	Within 90 days	Within 120 days	
	iii)Lintel to slab and casting of slab	Within 120 days	Within 150 days	
	iv)Plaster, trench with doors and windows	Within 180 days	Within 210 days	
	v)Painting finishing	Within 210 days	Within 240 days	
7	All allied Works i.e. Parking Shed, Watchmen cabin etc.	Within 200 days	Within 270 days	
8	Internal road	Within 90 days	Within 150 days	
9	All foundations grouting, plastering & finishing	Within 120 days	Within 210 days	
10	GI pipeline & metal spreading	Within 180 days	Within 210 days	
11	All final paintings	Within 210 days	Within 270 days	
12	Rectifications if any	Within 270 days	Within 300 days	

  
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