



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

From The Chief Engineer (DC&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 Bharat Electrical Contractors & MFRS Pvt Ltd J-78, MIDC, Kupwad, Sangli – 416436, Maharashtra Tel: 0233-2643977, 2644277, 2645077 Fax: 2644677 Email: headoffice@becmpl.com
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MSETCL/CO/DC&M/SS Pre Tender/2625

Date: 9-3-18

Sub: Work for Construction of 220kV End bays under Green Energy Corridor project, Dist Kolhapur, Maharashtra” on turnkey basis against tender no. T-1762 (RFx no. 6000000341).
Letter of Award for Supply of materials thereof.

Ref: 1) Tender No. T-1762/MSETCL/CO/DC&M/D&T/SS Pre Tender
2) Your offer dtd. 9.11.2017 against subject tender.
3) Scheme B.R. No. 98/8 dtd. 16.03.2015
4) Tender acceptance vide CMD/MSETCL/No/101 dt 26.2.18

Dear Sir,

In connection with above subject, we are pleased to inform you that your above referred offer for the supply portion has been accepted for the work of Construction of 220kV End bays under Green Energy Corridor project, Dist Kolhapur, Maharashtra” on turnkey basis. The details are as follows.

Sr. No.	Description of works	Final Price quoted in Rs.
1	Supply of equipments and materials for the work of Construction of 220kV End bays under Green Energy Corridor project, Dist Kolhapur, Maharashtra” on turnkey basis for following scope of work:- 1) 1 X 220 KV End bay at Miraj S/s. 2) 1 X 220 KV End bay at Tilwani S/s.	Rs. 1,91,87,749.25 (Including all Taxes & Duties) 4.76 % above tender estimate cost for supply work

(Rs. One Crore Ninety One Lakhs Eighty Seven Thousand Seven Hundred and Forty Nine and Twenty Five paise only.)

The activity schedule for supply work is enclosed herewith.

It may please be noted that the scope shall also include supply of all equipment's/materials which are not specifically listed in your offer but are necessary in order to meet the requirements of the construction of End bays 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 End bays has to be completed within 8 months from the date of handing over of site (including 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 End bays within 10 days.
3. To submit price schedule with detailed break up of unit rate into ex-works, taxes 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.

Yours faithfully,


Chief Engineer (DC&M)

Encl: Activity schedule.

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, Karad.
- 2) The C.E., Project Scheme/Civil, MSETCL, Mumbai.
- 3) The C.G.M. (F&A), MSETCL, Mumbai.

Copy to:

- 1) The G.M. (F&A, Projects), MSETCL, Mumbai.
....This is as per the draft LOA pre-audited vide O.N. No. G.M. (F&A) - III/.. dtd
- 2) The S.E., EHV Projects Circle, MSETCL, Kolhapur.
- 3) The S.E., EHV Civil CCM Circle, MSETCL, Kolhapur.
- 4) The S.E. (Post Tender), C.O. MSETCL, Mumbai.
- 5) The E.E., EHV Projects Division, MSETCL, Kolhapur.
- 6) The E.E., EHV Civil CCM Division, MSETCL, Kolhapur.
- 7) The E.E. (D&E-S1)/(D&E-S-2), C.O. MSETCL, Mumbai.
- 8) The E.E., FTU, MSETCL, Mumbai.For further needful

Activity Schedule for Supply of Material

Tender No.: T-1762/MSETCL/CO/DC&M/D&T/SS Pretender (RFx No. 6000000341)
Name of Work: Construction of 220kV End bays under Green Energy Corridor project, District Kolhapur, Karad Zone, Maharashtra
Name of Contractor: **M/s BHARAT ELECTRICAL CONTRACTORS & MFRS PVT LTD**
Completion Period: 8 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 180 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 180 days & completion within 220 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 180 days & completion within 210 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 200 days & completion within 245 days.	Completion of control room, bay control rooms & erection of respective bay equipments & laying of respective control cable.
<p>Note:</p> <ol style="list-style-type: none"> 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. 			



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MSETCL/CO/DC&M/SS Pre Tender/2626

Date: 9-3-18

Sub: Work for Construction of 220kV End bays under Green Energy Corridor project, Dist Kolhapur, Maharashtra” on turnkey basis against tender no. T-1762 (RFx no. 6000000341).
Letter of Award for ETC of materials thereof.

Ref: 1) Tender No. T-1762/MSETCL/CO/DC&M/D&T/SS Pre Tender
2) Your offer dtd. 9.11.2017 against subject tender.
3) Scheme B.R. No. 98/8 dtd. 16.03.2015
4) Tender acceptance vide CMD/MSETCL/No/101 dt 26.2.18

Dear Sir,

In connection with above subject, we are pleased to inform you that your above referred offer for the erection portion has been accepted for the work of Construction of 220kV End bays under Green Energy Corridor project, Dist Kolhapur, Maharashtra” on turnkey basis. The details are as follows.

Sr. No.	Description of works	Final Price quoted in Rs.
1	Erection, Testing & Commissioning of equipments and materials for the work of Construction of 220kV End bays under Green Energy Corridor project, Dist Kolhapur, Maharashtra” on turnkey basis for following scope of work:- 1) 1 X 220 KV End bay at Miraj S/s. 2) 1 X 220 KV End bay at Tilwani S/s.	Rs. 9,66,267.83 (Including all Taxes & Duties) 45.57 % above tender estimate cost for erection work

(Rs. Nine Lakhs Sixty Six Thousand Two hundred and Sixty Seven and Eighty Three paise only.)

The activity schedule for erection work is enclosed herewith.

It may please be noted that the scope shall also include erection, testing and commissioning of all equipments/materials which are not specifically listed in your offer but are necessary in order to meet the requirements of the construction of End bays 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 work of above End bays has to be completed within 8 months from the date of handing over of site (including monsoon).

You are requested to comply with the following points:-

- 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 End bays within 10 days.
- 3) To submit price schedule with detailed break up of unit rate into ex-works, taxes 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.

Yours faithfully,



Chief Engineer (DC&M)

Encl: Activity schedule.

Copy s.w.rs. to:

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

Copy f.w.cs. to:

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- 3) The S.E., EHV Civil CCM Circle, MSETCL, Kolhapur.
- 4) The S.E. (Post Tender), C.O. MSETCL, Mumbai.
- 5) The E.E., EHV Projects Division, MSETCL, Kolhapur.
- 6) The E.E., EHV Civil CCM Division, MSETCL, Kolhapur.
- 7) The E.E. (D&E-S1)/(D&E-S-2), C.O. MSETCL, Mumbai.
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Activity Schedule for Erection Work

Tender No.: T-1762/MSETCL/CO/DC&M/D&T/SS Pretender (RFx No. 6000000341)
Name of Work: Construction of 220kV End bays under Green Energy Corridor project, District Kolhapur, Karad Zone, Maharashtra
Name of Contractor: **M/s BHARAT ELECTRICAL CONTRACTORS & MFRS PVT LTD**
Completion Period: 8 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 240 days.		



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MSETCL/CO/DC&M/SS Pre Tender/2627

Date: 9-3-18

Sub: Work for Construction of 220kV End bays under Green Energy Corridor project, Dist Kolhapur, Maharashtra” on turnkey basis against tender no. T-1762 (RFx no. 6000000341).
Letter of Award for Civil works thereof.

Ref: 1) Tender No. T-1762/MSETCL/CO/DC&M/D&T/SS Pre Tender
2) Your offer dtd. 9.11.2017 against subject tender.
3) Scheme B.R. No. 98/8 dtd. 16.03.2015
4) Tender acceptance vide CMD/MSETCL/No/101 dt 26.2.18

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Dear Sir,

In connection with above subject, we are pleased to inform you that your above referred offer for the civil portion has been accepted for the work of Construction of 220kV End bays under Green Energy Corridor project, Dist Kolhapur, Maharashtra” on turnkey basis. The details are as follows.

Sr. No.	Description of works	Final Price quoted in Rs.
1	Civil works for Construction of 220kV End bays under Green Energy Corridor project, Dist Kolhapur, Maharashtra” on turnkey basis for following scope of work:- 1) 1 X 220 KV End bay at Miraj S/s. 2) 1 X 220 KV End bay at Tilwani S/s.	Rs. 40,06,147.44 (Including all Taxes & Duties) 0.61 % below tender estimate cost for civil work

(Rs. Forty Lakhs Six Thousand One Hundred and Forty Seven and Forty Four paise only.)

The activity schedule for civil works is enclosed herewith.

It may please be noted that the scope of civil work shall also include 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 construction of End bays 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 End bays has to be completed within 8 months from the date of handing over of site (including monsoon).

You are requested to comply with the following points:-

- 1) To intimate the acceptance of this LoA within 10 days from receipt of LoA.
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- 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.

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Chief Engineer (DC&M)

Encl: Activity schedule.

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Activity Schedule for Civil Work

Tender No.: T-1762/MSETCL/CO/DC&M/D&T/SS Pretender (RFx No. 6000000341)
 Name of Work: Construction of 220kV End bays under Green Energy Corridor project, District Kolhapur, Karad Zone, Maharashtra
 Name of Contractor: **M/s BHARAT ELECTRICAL CONTRACTORS & MFRS PVT LTD**
 Completion Period: 8 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, 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 180 days	Within 250 days		