



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

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| 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 Maha Active Engineers India Pvt. Ltd. 202, 'Arth' Complex, Adalat Road, Aurangabad 431001, Maharashtra, Email: projects@mahaactiveindia.com , sagarvidolkar@gmail.com , |
|---|---|

MSETCL/CO/C&M/SS Pre Tender/11749

Date: 05/11/2018

Sub: Establishment of 220/132/33kV sub-station at Nagbhid Dist., Chandrapur, under Nagpur Zone Maharashtra on turnkey basis against tender no. T-1832 (RFx no 6000000490).

- Letter of Award for Supply of materials thereof.

Ref : 1) SRM e -Tender No.T-1832/MSETCL/CO/DC&M/D&T/ SS-Pretender (RFx No. 6000000490)
2) Your offer dtd. 15.05.2018 against subject tender.
3) Scheme M.B.R 116/11 dt 18.05.2017.
4) Tender acceptance B.R. No 131/59 dated 02/11/2018.
5) MERC approval MERC/Capex/MSETCL/2017-18/4604 dated 04/11/2017.

.....

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 establishment of 220/132/33kV sub-station at Nagbhid Dist., Chandrapur on turnkey basis. The details are as follows.

| | |
|---|--|
| Supply of equipments and materials for the work of establishment of 220/132/33kV sub-station at Nagbhid Dist., Chandrapur for following scope of work:- 1. 2X100 MVA, 220/132kV ICT with bays. 2. 1X25 MVA, 220/33 kV T/F with bay. 3. 2 X 220 kV Line bays (2 nos at proposed Nagbhid S/S). 4. 2 X132 kV Line bays (2 nos at proposed Nagbhid S/S). 5. 33kV Outlets- 4 Nos. | Rs. 20,86,70,583.72 (Inclusive of all Taxes & Duties) 9.24% below tender estimate cost for supply work |
|---|--|

(Rs. Twenty Crore Eighty Six Lakh Seventy Thousand Five Hundred Eighty Three and Seventy Two 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 equipments/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 18 months from the date of handing over of site (including monsoon).

You are requested to:-

1. Intimate the acceptance of this LoA within 10 days from receipt of LoA.
2. Submit the bar chart indicating all activities for completion of the S/S within 10 days.
3. 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. 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 (C&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, Nagpur.
- 2) The C.E., Project Scheme/Civil/P&D, 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. Dir (Fin)/552 dt 03.08.18.
- 2) The S.E., EHV Projects Circle, MSETCL, Nagpur.
- 3) The S.E., EHV Civil CCM Circle, MSETCL, Nagpur.
- 4) The S.E. (Post Tender), C.O. MSETCL, Mumbai.
- 5) The E.E., EHV Projects Division, MSETCL, Chandrapur.
- 6) The E.E., EHV Civil CCM Division, MSETCL, Chandrapur.
- 7) The E.E. (P&D)/ (PMT)/ (STU) C.O. MSETCL, Mumbai.
- 8) The E.E., FTU, MSETCL, Mumbai.For further needful.

Activity Schedule for Supply of Material

Tender No.: T-1832/MSETCL/CO/DC&M/D&T/SS Pretender (RFx No. 6000000490)
Name of Work: Establishment of 220/132/33 kV Substation at Nagbhid Dist. Chandrapur
Name of Contractor: M/s Maha Active Engineers
Completion Period: 18 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 240 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 300 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 180 days & completion within 320 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 360 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 240 days & completion within 360 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 240 days & completion within 360 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. | | | |



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|---|---|

MSETCL/CO/C&M/SS Pre Tender/11750

Date: 05/11/2018

Sub: Establishment of 220/132/33kV sub-station at Nagbhid Dist., Chandrapur, under Nagpur Zone Maharashtra on turnkey basis against tender no. T-1832 (RFx no 6000000490).

- Letter of Award for ETC of materials thereof.

Ref : 1) SRM e -Tender No.T-1832/MSETCL/CO/DC&M/D&T/ SS-Pretender (RFx No. 6000000490)
2) Your offer dtd. 15.05.2018 against subject tender.
3) Scheme M.B.R 116/11 dt 18.05.2017.
4) Tender acceptance B.R. No131/59 dated 02/11/2018.
5) MERC approval MERC/Capex/MSETCL/2017-18/4604 dated 04/11/2017.

Dear Sir,

In connection with above subject, we are pleased to inform you that your above referred offer for the ETC portion has been accepted for the work of establishment of 220/132/33kV sub-station at Nagbhid Dist., Chandrapur on turnkey basis. The details are as follows.

| | |
|--|--|
| Erection, Testing & Commissioning of equipments and materials for the work of establishment of 220/132/33kV sub-station at Nagbhid Dist., Chandrapur for following scope of work:- 1. 2X100 MVA, 220/132kV ICT with bays. 2. 1X25 MVA, 220/33 kV T/F with bay. 3. 2 X 220 kV Line bays (2 nos at proposed Nagbhid S/S). 4. 2 X132 kV Line bays (2 nos at proposed Nagbhid S/S). 5. 33kV Outlets- 4 Nos. | Rs. 1,06,98,786.98 (Inclusive of all Taxes & Duties) 9.24% below tender estimate cost for ETC work |
|--|--|

(Rs. One Crore Six Lakh Ninety Eight Thousand Seven Hundred Eighty Six and Ninety Eight Paise Only.)

The activity schedule for ETC work is enclosed herewith.

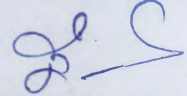
It may please be noted that the scope shall also include erection, testing and commissioning of all equipments/materials which are not specifically listed in your offer but are necessary in order to meet the requirements of the substation as per tender specifications in all respect. Detailed terms and conditions will be as per the tender specifications, amendments thereof, your offer, clarifications thereon and contract agreement being executed shortly. The work of above substation has to be completed within 18 months from the date of handing over of site (including monsoon).

You are requested to:-

1. Intimate the acceptance of this LoA within 10 days from receipt of LoA.
2. Submit the bar chart indicating all activities for completion of the S/S within 10 days.
3. 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. 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 (C&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, Nagpur.
- 4) The S.E. (Post Tender), C.O. MSETCL, Mumbai.
- 5) The E.E., EHV Projects Division, MSETCL, Chandrapur.
- 6) The E.E., EHV Civil CCM Division, MSETCL, Chandrapur.
- 7) The E.E. (P&D)/ (PMT)/ (STU) C.O. MSETCL, Mumbai.
- 8) The E.E., FTU, MSETCL, Mumbai.For further needful.

Activity Schedule for Erection Work

Tender No.: T-1832/MSETCL/CO/DC&M/D&T/SS Pretender (RFx No. 6000000490)
 Name of Work: Establishment of 220/132/33 kV Substation at Nagbhid Dist. Chandrapur
 Name of Contractor: M/s Maha Active Engineers
 Completion Period: 18 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 360 days. | | |
| 6 | Earthing, layout of earth mat, cable laying, cable trenches & yard lighting | Within 210 days | Within 360days. | | |
| 7 | PLCC equipments i.e. WT CC, DCDB, & PLC terminal | Within 270 days | Within 390days. | | |
| 8 | Erection of capacitor bank, power transformer and stations transformer | Within 300 days | Within 420days | | |
| 9 | Installation of C&R panels, battery & battery charger. | Within 300 days | Within 420 days. | | |
| 10 | Pre commissioning trials/testing. | Within 420 days | Within 480days. | | |
| 11 | Electrical installation. | Within 300 days | Within 420days. | | |



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|---|---|

MSETCL/CO/C&M/SS Pre Tender/11751

Date: 05/11/2018

Sub: Establishment of 220/132/33kV sub-station at Nagbhid Dist., Chandrapur, under Nagpur Zone Maharashtra on turnkey basis against tender no. T-1832 (RFx no 6000000490).

- Letter of Award for Civil works thereof.

Ref : 1) SRM e -Tender No.T-1832/MSETCL/CO/DC&M/D&T/ SS-Pretender (RFx No. 6000000490)
2) Your offer dtd. 15.05.2018 against subject tender.
3) Scheme M.B.R 116/11 dt 18.05.2017.
4) Tender acceptance B.R. No131/59 dated 02/11/2018.
5) MERC approval MERC/Capex/MSETCL/2017-18/4604 dated 04/11/2017.

Dear Sir,

In connection with above subject, we are pleased to inform you that your above referred offer for the civil works has been accepted for the work of establishment of 220/132/33kV sub-station at Nagbhid Dist., Chandrapur on turnkey basis. The details are as follows.

| | |
|---|---|
| Civil works of establishment of 220/132/33kV sub-station at Nagbhid Dist., Chandrapur for following scope of work:- 1. 2X100 MVA, 220/132kV ICT with bays. 2. 1X25 MVA, 220/33 kV T/F with bay. 3. 2 X 220 kV Line bays (2 nos at proposed Nagbhid S/S). 4. 2 X132 kV Line bays (2 nos at proposed Nagbhid S/S). 5. 33kV Outlets- 4 Nos. | Rs. 11,28,95,423.89 (Inclusive of all Taxes & Duties) 9.24% below tender estimate cost for civil work |
|---|---|

(Rs. Eleven Crore Twenty Eight Lakh Ninety Five Thousand Four Hundred Twenty Three and Eighty Nine Paise Only.)

The activity schedule for Civil works is enclosed herewith.

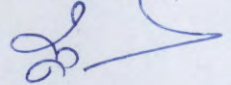
It may please be noted that the scope of civil work shall also include design of civil works and required materials which are not specifically listed in your offer but are necessary in order to meet the requirements of the substation as per tender specifications in all respect. Detailed terms and conditions 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 18 months from the date of handing over of site (including monsoon).

You are requested to:-

1. Intimate the acceptance of this LoA within 10 days from receipt of LoA.
2. Submit the bar chart indicating all activities for completion of the S/S within 10 days.
3. 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. 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 (C&M)

Encl: Activity schedule.

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- 6) The E.E., EHV Civil CCM Division, MSETCL, Chandrapur.
- 7) The E.E. (P&D)/ (PMT)/ (STU) C.O. MSETCL, Mumbai.
- 8) The E.E., FTU, MSETCL, Mumbai.For further needful.

Activity Schedule for Civil Work

Tender No.: T-1832/MSETCL/CO/DC&M/D&T/SS Pretender (RFx No. 6000000490)
 Name of Work: Establishment of 220/132/33 kV Substation at Nagbhid Dist. Chandrapur
 Name of Contractor: M/s Maha Active Engineers
 Completion Period: 18 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 300 days | Within 330 days | | |
| 8 | Construction of store shed & Cycle Stand | Within 330 days | Within 390 days | | |
| 9 | Compound wall | Within 30 days | Within 210 days | | |
| 10 | Metal spreading & GI Pipeline | Within 390 days | Within 450 days | | |
| 11 | Watchmen Cabin/ Sump well | Within 450 days | Within 500 days | | |