



TRANSMISSION CORPORATION OF TELANGANA LIMITED
OFFICE OF THE
SUPERINTENDING ENGINEER/OMC/METRO-EAST CIRCLE
2nd FLOOR, 220KV GISS OU, OPP:EFLU, HYDERABAD-500007

Tender.No.SE/OMC/METRO-EAST/DE(T)/ADE(3)/F.Moulali SS/D.No.902/25, Dt:10.09.2025
“Invited under earmarked work for Societies and individuals belonging to SC community are only eligible to participate”

Sub: TGTRANSCO-OMC/Metro-East – Strengthening of earthing of 220KV Malkaram I&II feeder bays, 220KV Bus PT Bay and 160MVA PTR-I HV Bay at 220KV SS Moulali – Tender Notice – Reg.

Sealed tenders are invited for the subject work from the registered contractors with TGTRANSCO who are having ‘A’ Grade Electrical License so as to reach up to **14:00Hrs** on **.09.2025**.

Sl. No.	Specification No.	Description	Amount in Rs. (Approx.)	EMD @ 2% on Estimated value in Rs.
1	W-03/2025-26	Strengthening of earthing of 220KV Malkaram I&II feeder bays, 220KV Bus PT Bay and 160MVA PTR-I HV Bay at 220KV SS Moulali.	Rs.5,82,300/-	Exempted as it is earmarked for SC community.

Detailed tender specification can be downloaded from TGTRANSCO website, www.tgtransco.com.

The following documents and DD’s are to be enclosed scrupulously, along with the specification:

- 1) A demand draft for **Rs.590/- (Rupees Five Hundred and Ninety Only)** drawn on any scheduled bank in favour of Superintending Engineer/OMC/Metro-East Circle/ TGTRANSCO/Hyderabad payable at Hyderabad for specification.
- 2) This work is earmarked for societies and individuals belonging to SC community and as such EMD is exempted.

Note:- The tender is earmarked to SC community and as such as per the tender “ Terms & Conditions – A – General clause No. 05” the EMD is exempted and Caste Certificate issued by Mandal Revenue officer is to be enclosed along with the specification without which the tender will be rejected.

The filled in tenders duly signed & super scribing on envelope as mentioned in specification shall be deposited in the sealed tender box provided in the O/o Superintending Engineer/ OMC/Metro-East/TGTRANSCO.

Last date for receipt of filled in sealed tender in tender box : **10.10.2025 upto 14:00Hrs.**

Date & time of opening of the tenders : **10.10.2025 at 15:00Hrs.**

For further details please contact this office (phone No. 9553705113, 9490154823) during office working period.

If Tender opening day happens to be holiday due to unforeseen reasons, the tender would be opened on next working day or any other day as displayed in Notice Board.

Sd/-
SUPERINTENDING ENGINEER,
OMC/METRO-EAST

Copy Submitted to:
The Chief Engineer/Metro-Zone/TGTRANSCO/Erragadda/Hyderabad
Copy
The Divisional Engineer/O&M/400KV/Malkaram
The Notice Board

**OFFICE OF THE
SUPERINTENDING ENGINEER,
OMC, Metro-East,
2nd Floor, 220KV GISS OU, Opp; EFLU
HYDERABAD – 500 007**

Tender Specification No. SE/OMC/Metro-East/Hyd/W-03/2025-26

Name of the Work : Strengthening of earthing of 220KV Malkaram I&II feeder bays, 220KV Bus PT Bay and 160MVA PTR-I HV Bay at 220KV SS Moulali.

Cost of Specification : Rs.590/-

Last date of receipt of tenders : 10.10.2025 upto 14:00Hrs

Date and time of opening of Tenders : 10.10.2025 at 15:00Hrs

Address of the Tenderer : M/s.....

.....

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Sd/-
**SUPERINTENDING ENGINEER,
OMC/METRO-EAST**

TRANSMISSION CORPORATION OF TELANGANA LIMITED

TENDER SPECIFICATION No: SE/OMC/METRO-EAST/W-03/2025-26

1. Name of the work : Strengthening of earthing of 220KV Malkaram I&II feeder bays, 220KV Bus PT Bay and 160MVA PTR-I HV Bay at 220KV SS Moulali.
2. Officer to whom Tenders shall be submitted : Superintending Engineer/OMC/Metro- East Circle, 2nd Floor, 220KV GISS OU, Opp EFLU Secunderabad-500007
3. Superscription on the sealed Tender covers :
 - 1)Name of the work:
 - 2)Registration No. of the Vendor, if any.
 - 3)Tender against specification No
 - 4)Due date and time for submission.
 - 5)Date and time for opening.
 - 6)Payment of E.M.D. and Tender Specification cost:
Details of D.D. i.e., D.D.No., Date & Amount etc.,
 - 7)Whether 90 days validity offered Yes/No
 - 8)Whether TGTRANSCO Payment Terms Accepted
Yes/No

(Tenders without above superscription or in other form are liable to be rejected)
4. Last date & time of receipt of Tender : **.09.2025 upto 14:00 Hrs.**
5. Date & Time of opening of Tender : **.09.2025 at 15:00 Hrs.**
6. Place of opening : O/o Superintending Engineer/OMC/Metro-East/ TGTRANSCO, Hyderabad-500007
7. Cost of Specification : **Rs.590/- (Rupees Five Hundred and Ninety only)** to be paid in the form of D.D. in favour of Superintending Engineer/OMC/Metro-East Circle/ TGTRANSCO/ /Hyderabad
8. Bid Security to be paid : Exempted as it is earmarked for SC community. Documentary evidence is to be enclosed
9. Performance Security : 5% of the contract value
10. Addl. Security deposit : For tendered percentage below 10%, additional Security deposit has to be paid for the less Percentage below 10%

Sd/-

**SUPERINTENDING ENGINEER,
OMC/METRO-EAST**

TERMS AND CONDITIONS

A – GENERAL

1. **NAME OF THE WORK:** Strengthening of earthing of 220KV Malkaram I&II feeder bays, 220KV Bus PT Bay and 160MVA PTR-I HV Bay at 220KV SS Moulali.
2. **FILLING OF THE SCHEDULE:**

The tender schedule should be filled properly and rates should be quoted for the complete work in schedule-B. Total rates should be quoted in the space provided(after loading of % quoted) both in figure and words. Partial filling of schedule or unsigned schedules will be rejected. **All pages should be signed by tenderer.**

The bidder has to enclose following documents in proof of meeting qualification criteria.

- a) TGTRANSCO Registration
- b) Valid A Grade license (exceeding 33KV all voltages)
- c) GST Registration.
- d) PAN Card
- e) Firm Registration.
- f) Declaration certificate as per Annexure –II
- g) Solvency certificate or latest 6months bank statement or turnover certificate (not needed for SC/ST contractors)
- h) The bidder should enclose documentary evidence of works executed in the name of bidder only.
- i) The bidder in his name should have executed the following works mentioned below against each type of notified work in last 10 years as on the date of bid opening as Prime Contractor.

Sl. No.	Notified Work	Required Qualification / Execution Experience as Prime bidder.
1	Strengthening of earthing of 220KV Malkaram I&II feeder bays, 220KV Bus PT Bay and 160MVA PTR-I HV Bay at 220KV SS Moulali	Experience in execution of similar nature of works is preferable.

The bidder should furnish documentary evidence in support of the qualifying requirements stipulated as above certified by order placing authority of the concerned Power utility/Government Organizations.

The sealed tender cover should be addressed to SE/OMC/Metro-East. The envelope containing sealed tender must be super scribed indicating the following.

- (i). Tender Specification No. :
- (ii). Name of the work :
- (iii). Details of Tender Specification Cost (D.D.No., Date, Amount etc.,)
- (iv) Details of EMD (D.D.No., Date, Amount etc.,) if EMD exemption is called same shall be indicated.
- (v) Tender Documents duly signed in all pages with requisite enclosures (Yes/No):
- (vi) Tender is valid for 90 days (Yes/No):

The tenders received without above superscription will be rejected without opening of tender.

3. **RATES:**

The schedule of prices i.e., Schedule ‘A’ is containing rates, quantities of each item of work and amounts including all the applicable taxes and duties with total value of work in rupees. The required material is shown in the Annexure.

In Schedule-B, the Tenderer has to quote his percentage less than / at par / excess over the total estimated cost [furnished in the schedule –A] and the same will be uniformly applied on the estimated rates of TGTRANSCO to arrive at the cost of the individual items of the contract.

The tenderer should also indicate the total amount quoted as his offer in the space provided in Schedule-B.

The ‘Percentage’ and ‘total’ shall be quoted in figures and words.

In item No. 2 of Schedule-B, it should be clearly indicated whether the percentage quoted is “Less” (Or) “at par” (Or) “excess” over the estimated rates (i.e., Schedule-A). Failure of indicating so will be liable for rejection and will be treated as non responsive tenders.

Bids with abnormally high prices compared to the estimates in **excess of 5 % may ordinarily be treated as non-responsive** and the competent authority will take this decision. The contract will be awarded to the lowest responsive bidder.

Every Tenderer is expected before quoting his rates, to inspect the site of the proposed work. The Transmission Corporation of Telangana. Ltd., will not however pay any extra charges for any other reasons; in case the contractor is found later on to have misjudged the work/ materials to execute the work.

The rates quoted by the Tenderers shall be firm for complete period of work. If tenderer withdraws his/her offer during validity period of the bid and he/she has been adjudged **L1** bidder, his/her registration will be canceled besides forfeiting his bid security.

Tenders without signatures of the Tenderers in the space provided will be rejected.

4. PERIOD OF CONTRACT:

The period of contract is **3 Months** from the date of handing over of site/date of arranging of shutdown whichever is earlier. The TGTRANSCO has right to terminate the contract without assigning any reasons and no compensation will be paid for the balance period of contract.

5. EARNEST MONEY DEPOSIT (Bid Security):

EMD is exempted for Tenderers belong to SC Category. They must enclose the attested copies of Caste Certificate issued by Mandal Revenue Officer along with the specification without which the tender will be rejected.

6. A) SECURITY DEPOSIT (Performance Security):

The successful Tenderer has to pay Security Deposit @ an amount equivalent to 5% of the value of the work. The Performance Security will be released after **Twelve months** of satisfactory completion of work which will not carry any interest. The Performance Security shall be forfeited, if the contractor do not fulfil the terms and conditions of works contract.

B) ADDITIONAL SECURITY DEPOSIT:

The Successful tenderer has to pay additional security deposit as follows:

For tendered percentage below 10% additional security deposit has to be paid for the less percentage below 10%. Ex: if the bidder quotes 20% below ECV, then he has to pay ASD (Additional Security Deposit) of 10% of Estimated Contract Value on receipt of detailed order, along with performance security with in prescribed time, failing which the order will be cancelled and Bid Security forfeited.

7. DECLARATION OF RELATIONSHIP:

The Tenderer shall declare their relationship, if any, with the Officers/ Directors of TGTRANSCO along with the bids/tenders. The bids not accompanying the above certificate will be rejected. The declaration must be furnished in the format given in Annexure-II. Any false information furnished in the declaration/disclosure, if found later the contract is liable for termination as well as recovery of damages. The list of relatives is mentioned in Annexure-III.

8. VALIDITY: The quotation shall be valid for **90 days.**

9. AGREEMENT:

The successful Tenderer will be required to furnish performance security of 5% of the value of the contract for proper execution of the contract. If the bidder fails to furnish the performance security as specified within fifteen days of the award of contract is liable for cancellation of the contract and forfeiture of the Bid Security. A formal agreement will be entered into with TGTRANSCO within 15 days of acceptance of the performance security. If the contractor does not sign the agreement within 15 days of acceptance, the contract awarded will be cancelled.

10. PAYMENT:

- a) 95% payment of the work done will be made at reasonable intervals for the work executed. No claims are entertained for any delay in payments due to unforeseen circumstances. Payments will be subject to deductions towards Income Tax as per the Income Tax Department rules in vogue and also standard deduction of 5% of value of work towards retention amount which will be released along with the Performance Security after 12 Months of completion of the work.

Paying Officer will be Superintending Engineer/OMC/Metro-East/Hyderabad.

- j) The Contractor should prepare his own bills in triplicate (in standard TGTRANSCO Forms) accompanied by copies of T Notes if any, duly acknowledged by the officer incharge and send the same to the Assistant Engineer and Assistant Divisional Engineer concerned for check and thus for payment to the paying authority.

11. INCOME TAX RECOVERY:-

As per the standing instructions of Government of India on the deduction of Income Tax at source, recovery of Income Tax of the values of the work done will be made from relevant bills.

12. TAXES, LEVIES, DUTIES AND STATUTES:

- 12.1 Contractor shall be entirely responsible for payment of all taxes, levies, duties, license fees, etc., incurred until delivery of the contracted goods to the purchaser.
- 12.2 In respect of supply portion, the contractor shall pay all types of fees, levies, taxes, duties etc. required to be paid by any National or State statute, ordinance or other law or any regulation or bye-law of any local or other duly constituted authority in relation to the execution of works and by the rules and regulations of all Public bodies and companies whose property or rights are affected or may be affected in any way of the works. The contractor shall in compliance with the above keep the Purchaser indemnified against all such penalties and liability of every kind for breach of any statute, ordinance or law, regulation or bye-law.
- 12.3 Nothing in the contract shall relieve the contractor from his responsibility to pay any tax that may be levied by the Government on the turnover / profits made by him in respect of the contract.
- 12.4 As per provision of taxation act, necessary applicable taxes will be deducted at source at all stages of payment on the bills and same will be remitted to the concerned department in respect of erection portion.

13. GOODS AND SERVICE TAX:-

Goods and Service tax shall be as per rules and regulations.

14. PENALTY:

The completion period committed shall be deemed to be the essence of the contract. In case of delay in completion of work, whatever be the reasons, the TGTRANSCO may at its option demand and recover from the Tenderer an amount equivalent to ½% of the value of the works not completed within the prescribed time limit for every week of delay or part thereof, subject to a maximum of 5% of the total value of the contract. This right of TGTRANSCO shall be without prejudice to the rights under the law, including the right to cancel the contract, forfeit the deposit and recover damages for breach of contract.

15. FORCE MAJEURE:

The Contractor will not be liable for forfeiture of its performance security, penalty for late delivery, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the contract is the result of an event of Force Majeure.

For purposes of this clause, "Force Majeure" means an event beyond the control of the contractor and not involving the contractor fault or negligence and not foreseeable. Such events may include, but are not restricted to, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

If a Force Majeure situation arises, within 15 days from the date of eventuality the Contractor shall notify the TGTRANSCO in writing of such condition and the cause thereof. Unless otherwise directed by the TGTRANSCO in writing, the Contractor shall continue to perform their obligations under the Contract as far as it is reasonably practice, and will seek all reasonable alternative means for performance not prevented by the Force Majeure event.

16. **STATUTORY RULES, ACT & REGULATIONS:**
The Tenderer shall indemnify TGTRANSCO Ltd., against all claims which may be made under the Workmen's Compensation Act or any statutory modification thereof or rules there under or otherwise for in respect of any damage or compensation payable in consequence of any accident or injury sustained by any workmen engaged in the performance of the business relating to this work contract. In all cases of personal injury to workmen employed by a Tenderer on the work for which the Tenderer is liable to pay compensation under the 'Workmen's Compensation Act', the Tenderers shall pay the prescribed medical fee to Medical officer for issue of 'C' – 'D' forms as prescribed.
17. The Tenderer shall indemnify TGTRANSCO against all claims which may be made under the Minimum Wages Act and Child Labour Act or any statutory modification thereof on rules there under or otherwise for in respect of any damage or compensation arising in consequence of any dispute under these Acts.
18. The contractor shall indemnify the TGTRANSCO against all claims which may be made in respect of any person employed by the Tenderer on these works towards insurance charges or claims what so ever.
19. The form of contract will be lumpsum.
20. The rates and prices quoted by the Tenderer while submitting the tender shall be firm till the work is completed. The quoted rates shall be binding on the tenderer even for the award of part work.
21. **The Tenderer has to enclose to his tender:**
- i) Attested copy of valid Solvency Certificate issued by Bank/Revenue authority or latest 6month bank statement.
 - ii). If the tenderer is a partnership concern, an attested copy of partnership deed and Form "C" certificate or certified copy of Form "A" showing all the names of partners obtained from the Registrar of Firms.
 - iii) Attested copies of Credentials of similar nature of work undertaken previously in TGTRANSCO or any other Departments like PGCIL or State Electricity Board etc.
 - vi) Latest Postal Addresses and Telephone numbers. The name/s postal address shall exactly match with the name of address as mentioned in the License Certificate and Registration Certificate.
22. The Tenderer is responsible for any accidents caused to the personnel/labour and damage to the TGTRANSCO property during the period of contract. The tenderer is responsible for the loss sustained by TGTRANSCO due to damage to the equipment/lines / towers or personnel or any other agency in TGTRANSCO premises arising out of carelessness/negligence on part of tenderer or his representative.
23. The Tenderer should follow all Statutory Rules, Acts and Regulations that are relevant and necessary for carrying out the work.
24. The contract will be liable for termination if the work is not being carried satisfactorily in accordance with the specified work or if the terms and conditions of the agreement are breached.
25. **The Tenderer shall note that in case of carrying out the work in the vicinity of equipments/live parts in service; care must be taken to avoid any accidents. If any work is to be done on any of the equipment/line/tower, the Tenderer/his representative shall ensure that such works will be carried out only after obtaining proper line clear /shut down. It may clearly be noted that in no case the TGTRANSCO Ltd., will be responsible for any accidents that may occur and for any compensation to be paid arising out of the accidents. The Contractor shall take care of providing insurance to the labour deployed by him.**
26. No child labour should be employed.
27. The tenderer may engage persons, who are skilled and capable as required by him for the said work and they may be instructed to exclusively attend the work specified.

28. **TGTRANSCO has got full powers to decide the tenders and is not bound to accept the lowest tender. Due preference will be given to tenderers with experience in similar works.** TGTRANSCO also reserves the right to cancel or reject all or any Tender(s) without assigning any reason and without being liable to refund the cost of Tender document there upon.
29. Any other terms and conditions as per TGTRANSCO Rules and Regulations, not covered herein will be binding on the tendered.
30. The labour engaged by the Tenderer shall be courteous, obedient and sincere to the TGTRANSCO Engineers while discharging the duties entrusted to them. In case of any misbehavior by any of the labour engaged, the tenderer shall take full responsibility in replacing the concerned with a suitable trained person.
31. The tenderer must enclose the certificate duly signed by him accepting the Terms and Conditions of this specification as per the Annexure.
32. All disputes arising out of this contract should be decided in the Courts situated in the twin cities of Hyderabad and Secunderabad only.
33. **TELANGANA HARITHA NIDHI:**
As per the G.O.Ms.No.17,(Finance(TFR) Dept.), Dt:18.02.2022 of Government of Telangana, the Telangana Haritha Nidhi (Telangana Green Fund) @ 0.01% of the total value of the contract will be deducted from the work contract bills and remitted to the Telangana Haritha Nidhi.
34. **BANK DETAILS:** R.T.G.S particulars. (PROOF) cancelled cheque.
35. i. Mandatory issue of e-invoice whose aggregate turnover exceeds 5 crores in a financial year.
ii. A declaration shall be furnished by the supplier/vendor for their turnover in case of non applicability of e-invoice compliances.
iii. A copy of the GST payment Challan and proof of filing of GST return by the vendor may be furnished along with bills / invoices.

Sd/-
SUPERINTENDING ENGINEER
OMC/METRO-EAST

SIGNATURE OF THE TENDERER
NAME
(IN BLOCK LETTERS)
SEAL:
DATE:

--II-TECHNICAL -A

1. WORKMANSHIP:

The workmanship shall be of the highest grade and in accordance with the best modern practice and in conformity with specification.

2. ELECTRICITY RULES:

All works shall be carried out in accordance with the relevant clauses of the Indian Electricity Act and Rules unless modified by specification. In case of variation between the two, the latter shall be binding on the contractor.

3. COMPLIANCE WITH REGULATIONS:

Unless otherwise specified, works shall be carried out in accordance with the Indian Electricity Act, 1910, Indian Electricity Rules, 1955 or any revisions thereof, which may be issued during the currency of the contract and the requirements of any other Regulations and Acts in India to which the TGTRANSCO may be subjected to.

All railway track, communication line or other important track crossings and routing of the line through air field region shall conform to the relevant rules and procedure as may be laid down by Railway, Communications, Aviation or other concerned Authorities from time to time.

Aviation signals will have to be provided at the top of the towers in the vicinity of Civil and Military aerodromes or airfield regions, if any. Similar provisions will have to be made on the special river crossing towers. The rates for tower erection shall include such works also.

4. STANDARD SPECIFICATIONS:

Unless otherwise specified, works shall be carried out in accordance with relevant Indian standards and A.P.D.S.S. or any revision thereof which may be issued during the currency of the contract, and all the clauses relating to materials and workmanship, responsibilities, liabilities, commencement of works, completion delays and extensions, suspension works, and forfeitures etc., as provided in the A.P.D.S.S. shall be binding.

5. ENGAGEMENT OF LABOUR:

The contractor shall make his own arrangements for engagement of all labour, local or otherwise, their transportation, housing, feeding and payment thereof, in accordance with labour law, unless the contract otherwise provides. No idle labour payment will be made to the contractor.

6. SAFETY OF STAFF AND LABOURERS:

The contractor shall provide and make all necessary arrangements and insurance for the safety of his staff and laborers at site of works. The TGTRANSCO will not, in any way, be responsible for any accident, minor or fatal, to any person at the site of works or for any damages arising there from during erection and this shall be contractor's responsibility. The staff insurance charges or litigation occurring out of the contract if any shall be borne by the contractor only.

7 General:

The work to be performed under this contract consists of providing labour, materials, plant, equipment supplies including POL transportation and all incidental items not shown or specified but reasonably implied or necessary for the proper completion of work (except items specified to be furnished by the Engineer-in-charge) all in strict accordance with the drawings, schedules and specifications, including revisions and amendments there to and such detailed drawings as may be provided by the Engineer-in-charge during the execution of contract.

8. Working conditions:-

The contractor shall take special note of the following aspects of restricted working conditions while executing the work. The contractor shall ensure the following strictly at no extra cost under all conditions.

- a) The work shall be carried out with least disturbance and inconvenience to the office staff and visitors.
- b) Necessary precautions and safety arrangements shall be taken for carrying out the work safely and effectively without causing damage to the existing structure and to prevent accidents as directed by Engineer-in-charge.
- c) Minimum area to the extent possible shall be used for stacking of construction materials and machinery, duly leaving parking space for TGTRANSCO vehicles and employees vehicles, as per the approval of Engineer-in-charge.
- d) It will be the contractor responsibility to satisfy himself that sufficient quantities of construction materials required for the works shall exist in the borrow areas or quarry sites. The department does not accept any responsibility either in handing over the quarries or procuring the materials of any other facilities. The contractor will not be entitled for any extra rate or claim for the misjudgment on his part for quantity and quality of materials available in the quarries.
- e) The contractor shall make his own arrangements for erection of barricades around the area earmarked for stacking the construction materials, construction Tools & tackles and equipment as directed by Engineer-in-charge.
- f) The working hours for certain works may have to be adjusted in such a way that cause least disturbance to the working of the office in strict compliance to the instructions of the Executive Engineer-in-charge, whose decision shall be final.
- g) The contractor shall make good all losses/damages suffered by structures or persons connected or not connected with work or TGTRANSCO as a result of the activity of the contractor. The contractor shall take necessary insurance covering the same

9. Drawings:

The contractor shall be required to perform the work in accordance with the requirement in the field as directed by the Engineer-in-charge .

All doubts must be clarified with the Engineer at once. The TGTRANSCO reserves the right to increase or decrease scope of this specification by adding/ omitting any item of work as deemed necessary at the time of allotment of work and/or during course of execution of work.

10. Substandard work/material:

The contractor shall promptly remove from the premises all materials/work condemned by the Executive Engineer or his authorized representative, as failing to conform to the contract, whether incorporated in the work or not, and the contractor shall promptly replace and re- execute such work in accordance with the contract and without expense to the TGTRANSCO. If the contractor does not remove such condemned work and materials within three days of written notice to him the owner may remove and the expenses of such removal within ten days time thereafter will be debited to contractors account. The owner may upon ten days written notice sell such materials at auction or private sale and shall account for the net proceeds thereof after deducting all the costs and expenses that should have been borne by the contractor.

11. List of Approved Brands / makes for procurement of materials:

Sl. No.	Description of Material	Approved brands
1	Reinforcement and structural steel	(1) VSP (2) SAIL and (3) TISCO (4) ISCO
2	Earth flats-- MS & GI	TGTRANSCO approved re-rollers.

The contractor shall invariably use the steel angles manufactured by SAIL,VSP, TISCO and ISCO only for the fabrication of Line and Substation structures. The earth flats which are not manufactured by the above primary producers can be procured from any other TGTRANSCO approved re-rollers.

12. SAFETY PLANS:

The following safety plan shall be observed and followed by the contractor for execution of the work safely.

12.1 GENERAL SAFETY RULES FOR FOUNDATIONS, TOWER ERECTION & STRINGING,EARTHING etc.,:

- a. Steel/ Aluminums /Wooden ladders of 3.5 length shall be used for movement of labour in excavation, stub setting and concreting works. Keep cement out of the eyes.
- b. All polypropylene ropes and slings, shackles proposed to be used shall be tested and inspected thoroughly before use.
- c. Walkie talkie sets shall be used for effective communication.
- d. Binoculars shall be used for closer view.
- e. Red and Green flags shall be used for illiterate communication.
- f. Pilot wires and joints shall be tested and thoroughly inspected before use.
- g. Ropes and guy wires shall be tested and thoroughly inspected before use.
- h. Ensure travellers in frictionless and good condition.
- i. Load rating of stringing, pulling lines, conductor grips, load bearing hardware and accessories, rigging and hoists shall not be exceeded.
- j. Traveller grounds should be installed at the first and last tower between tensioner and puller, when stringing in proximity to energized lines. Traveller ground at a maximum distance not exceeding 3 KM. Personnel shall never be in series with a ground lead.

Traveller grounds shall have a suitable grounding stub located in an accessible position to enable placing and removing the ground clamps with hot sticks when necessary.
- k. The conductor reel stands shall have breaking device to prevent over running and backlash as the conductor is pulled out.
- l. The location of the puller, tensioner and intermediate anchor sites shall be selected such that the structures are not over loaded.
- m. Slack shall be removed from all anchor lines prior to loading to minimize the possibility of equipment movement or impact loads to the anchors.
- n. All equipment, conductors, anchors and structures within the work area shall be bonded together and connected to the ground source.
- o. A running ground shall be installed between the reel stand and tensioner for conductor, or puller for pulling line, and the first tower.
- p. When clipping is being done, care must be exercised to ascertain that the conductor are grounded prior to clipping, placing a local ground upon the conductor at the location of work.
- q. Care must be exercised to ensure that concentrated load of the men, car and equipment does not increase the sag appreciably to cause a hazard from obstructions over which the car will pass while installing spacers in bundle conductors.

- r. If two conductors are to be spliced, the conductors shall be bonded and grounded before being spliced.
- s. To cross over of energized lines, the line clear permit system shall be followed without any ambiguity to de-energize the lines. The de-energized lines shall be earthed effectively. Men and material clearance on line shall be ensured before returning permit.

12.2 GENERAL SITE SAFETY RULES & REGULATIONS

- a. All personals engaged for this job shall wear Safety Helmet & safety shoes & insured.
- b. Appropriate Hand Gloves shall be used for Materials handling, Welding, Grinding, Gas cutting, Chemical Handling & Electrical work.
- c. Suitable goggles must be ensured for the personnel deployed for Welding, Gas Cutting Chipping etc Grinders shall use face shield.
- d. The personnel engaged in the noise zone such as Compressor Operator, Pneumatic Vibrators & Breakers, DG Operator etc. will be equipped with suitable ear protection are ensured.
- e. All personal working over 2.0-meter height shall wear full body safety harness with double lanyard and scaffold hook, before climbing. Further he will have to anchor the safety harness to a fixed structure before starting the work at a height, Fall Arrest Devices will be used in conjunction with safety harness, wherever the requirement arises.
- f. Smoking is prohibited in all restricted area except in authorized smoking areas/ shelters.
- g. Horseplay is prohibited at workplace. Running at the site is prohibited, except in case of emergency.
- h. Material shall not be thrown from the height. It should be lowered from height.
- i. Other than the electricians, no one is allowed to carry out electrical connections, repairs on electrical equipment or other jobs related thereto.
- j. Inserting of bare wires for tapping the power from electrical sockets is completely prohibited.
- k. Electrical supply to portable equipments should be through Earth leakage circuit breaker (ELCB) of 30 milliamps sensitivity.
- l. All major /minor accidents and near misses to be reported to Site in charge / Site Safety Engineer to enable the management to take necessary steps to avoid the recurrence.
- m. All tools and tackles shall be inspected before use. Defects to be reported immediately. No lifting tackle to be used unless it is certified by a competent person/ Safety Engineer.
- n. Workers should possess induction tester. Whenever a shutdown is taken this device should be used to ensure no current is on the conductor.
- o. Move carefully when walking or climbing.
- p. Keep the working area as neat as possible.
- q. Remove hazards as soon as they are noticed.

ENERGIZED ELECTRICAL WORKS, BASIS REQUIREMENTS ARE:

- r. Face shields/ Voltage rated gloves/ Voltage rated rubber floor matting Shepherd's Hook/ Warning/ Safety signs/ barricades.
- s. Pay close attention to what is being done.
- t. Disconnect power tools before adjusting them.
- u. Keep power tool guards in place.
- v. Avoid interrupting another person who is using a power tool.

12.3 SAFETY SIGNS :

- a. Safety warning signs shall be placed to provide adequate warning of hazards. Sign shall be removed or covered when the hazards no longer exist.
- b. Warning signs shall indicate the cautions to be observed regarding the hazards concerned and the necessary information and, also, actions of employees required to initiate.
- c. It is recommended that safety signs on the Project conform with the current national colour codes.
- d. Signs shall be in English & Local language where located near public highways and facilities.
- e. Sign required to be seen at night shall be illuminated. Kerosene and open flame pots shall not be used for illumination.

13. LIABILITY FOR ACCIDENTS TO PERSONS:

- 13.1 The contractor shall indemnify the purchaser against all actions, suits, claims, demands, cost or expenses arising in connection with injuries suffered by persons employed by him, on the works whether under the General Law or under the Workers Compensation Act.1923 or any other statute in force at the date of the contract dealing with question of liability of employer for injuries suffered by employees and have taken steps properly to insure against any claims there under. Contractor should take insurance cover to all his workmen for injuries, disablement and death. All compensation against workmen's compensation act should be settled by the Contractor.
- 13.2 On the occurrence of an accident which results in the death of workmen employed by the contractor which is due to the contract work and of so serious as to be likely to result in the death of any such workman, the contractor shall within 24 hours of happening of such accident intimate in writing to the Engineer and such other officers required by the provision of the workmen's compensation act, the fact of such accident. The contractor shall indemnify the TGTRANSCO against all loss or damage sustained by the TGTRANSCO resulting directly or indirectly from his failure to give information in the manner aforesaid including the penalties or fines if any payable by the TGTRANSCO as a consequence of the TGTRANSCO's failure to give notice under the workmen's compensation act or otherwise conform to the provisions of the said act in regard to such accident.
- 13.3 In the event of any claim being made, or action brought against the purchaser involving the contractor and arising out of the matters referred to and in respect of which the contractor is liable under the clause of the contract shall be immediately notified thereof, and he shall conduct all negotiations for the settlement of the same or any litigation that may arise there from.
- 13.4 In the event of an accident in respect of which compensation may become payable under workmen's compensation act VIII of 1923 and any subsequent amendment thereof, whether by the contractor or by the TGTRANSCO, as principle it shall be lawful for the Engineer to retain out of moneys due and payable to the contractor such sum or such sums of money as may be in the opinion of the said Engineer be sufficient to meet such liability. The opinion of the Engineer shall be final in regard to all matters arising under this clause and will not be subject to any claim.

- 13.5 Liability for damage or loss to third party including inspection officers due to act of the contractor or by his representatives connected with the execution of this contract shall be fully borne by the contractor. The contractor shall maintain such detailed records to furnish information regarding engagement and discharge of all workmen employed under this contract as to be adequate for the timely and full settlement of claims under the workmen's compensation act. All cases of accidents or injuries shall be reported to the Engineer with full details required for the settlement under the workmen's compensation act.
- 13.6 The contractor should report about all accidents within 24 hours to the Engineer of the TGTRANSCO in the preliminary accident form. He should furnish other particulars such as medical certificates, wage particulars, fitness certificates, and proof of having paid the compensation as per the rules in vogue in the due course without delay.

14.0 LIABILITY FOR DAMAGE TO WORKS AND PLANTS:

- 14.1 The contractor during the progress of the work shall take every reasonable, proper, timely and useful precaution against accident or injury to the workmen from any cause and shall remain answerable and liable for all the accidents or injuries thereto which until the same, or be occasioned by the acts of omissions of the contractor or his workmen or his representatives and all losses and damages to the works as aforesaid, shall be made in the most complete and substantial manner by and at the sole cost of the contractor and to the reasonable satisfaction of the Engineer. Should such loss or damage happen to units of works or plant or materials falling outside the scope of this contract and due to the lapses of the contractor, these shall be replaced or compensated for by the contractor to the satisfaction of the Engineer.
- 14.2 In the case of loss or damage to any portion of the work occasioned by the causes, the same shall if required by the purchaser, be made good by the contractor in like manner but at the cost of the purchaser at a price to be agreed between the contractor and the purchaser and the purchaser shall pay to the contractor the contract value of the portion of the work so lost or damaged or any balance of such contract value remaining unpaid as the case may be.
- 14.3 Until the work shall be or deemed to be taken over as aforesaid, the contractor shall also be liable for and shall indemnify the purchaser in respect of all damage or injury to any person or to any property of the purchaser or other occasioned by the act of the contractor or his workmen or his representatives or by defective design, work or materials but not due to cause beyond his reasonable control.
- 14.4 Provided that the contractor shall not be eligible under the contract for any loss of profit or loss of contracts or any claims made against the purchaser not already provided for in the contract, not for any damage or injury caused by or arising from the acts of the purchaser or of others (save as to damage by fire, as hereinafter provided) due to the circumstances over which the contractor has not control nor shall his total liability for loss, damage or injury exceed the total value of the contract.

Sd/-

**SUPERINTENDING ENGINEER
OMC/METRO-EAST**

TENDER SPECIFICATION No. SE/METRO-EAST CIRCLE/HYD/W- 03/2025-26

CERTIFICATE

I/We have gone through all the Terms and Conditions of the Specification mentioned above and submit our tender herewith duly accepting all the Terms and Conditions laid down therein.

SIGNATURE OF THE TENDERER

NAME

(IN BLOCK LETTERS)

SEAL:

DATE:

ENCLOSURES TO THE SCHEDULE:

- | | | |
|------|--|--------|
| i. | Terms & Conditions(General & Technical) duly signed by the Tenderer: | YES/NO |
| ii. | Whether solvency certificate issued by Bank/Revenue authority or Sales Tax Clearance Certificate is enclosed : | YES/NO |
| iii. | In case of partnership firm, whether attested copy of Partnership deed and Form “C” showing all the names of Partners obtained from the Registrar of firm is enclosed. : | YES/NO |
| iv. | Whether credentials of similar nature of works preferably EHT Line/SS works with period of contract undertaken previously are enclosed. : | YES/NO |
| v. | Whether latest postal address and telephone Nos. furnished. : | YES/NO |
| vi. | Details of (Bid Security) remitted : | YES/NO |

(PEMD Holders should enclose attested copy of TGTRANSCO proceedings)

**Sd/-
SUPERINTENDING ENGINEER
OMC/METRO-EAST**

SIGNATURE OF THE TENDERER

NAME

(IN BLOCK LETTERS)

SEAL:

DATE:

ANNEXURE – II

Undertaking to be given by the Company/Partnership Firm/Contractor along with the Tender

I, _____ representing the Company/Partnership Firm/Contractor responding to the bid invitation by the TGTRANSCO vide Specification No. _____ hereby sincerely and solemnly affirm and state as follows:

(Strike out which is not applicable)

(a). That myself or any of the representative of my Company/Firm do not have any relatives as defined in appended Annexure-III in the TGTRANSCO/

OR

(b). That the following officers/Employees of the TGTRANSCO are related to me and to my representatives of my Company/Firm and their status in the TGTRANSCO is as under:

Sl No.	Name of the Officer/Employee	Designation and Place of working	TGTRANSCO	Relationship

It is certified that the information furnished above is true to the best of my knowledge and belief. It is hereby undertaken that in the event of any of the above information found to be false or incorrect at a later date, the TGTRANSCO/ is entitled to terminate the contract/agreement entered into besides recovering damages as may be found necessary, with due notice.

**Sd/-
SUPERINTENDING ENGINEER
OMC/METRO-EAST**

**SIGNATURE OF THE TENDERER
NAME
(IN BLOCK LETTERS)
SEAL:
DATE:**

ANNEXURE - III

LIST OF RELATIVES

- | | | | |
|-----|------------------------------------|-----|---|
| 1. | Father | 14. | Daughter's Husband |
| 2. | Mother (including Step mother) | 15. | Daughter's Son |
| 3. | Son (including Step Son) | 16. | Daughter's Sons's Wife |
| 4. | Son's Wife | 17. | Daughter's Daughter |
| 5. | Daughter (including Step Daughter) | 18. | Daughter's Daughter's Husband |
| 6. | Father's Father | 19. | Brother (including Step Brother) |
| 7. | Father's Mother | 20. | Brother's Wife |
| 8. | Mother's Mother | 21. | Sister (including Step Sister) |
| 9. | Mother's Father | 22. | Sister's Husband |
| 10. | Son's Son | 23. | Son's Wife's Father} (and their
} siblings) |
| 11. | Son's Son's Wife | 24. | Son's Wife's Mother} |
| 12. | Son's Daughter | 25. | Daughter's Husband's} (and their
Father } siblings) |
| 13. | Son's Daughter's Husband | 26. | Daughter's Husband's}
Mother |

Sd/-
SUPERINTENDING ENGINEER
OMC/METRO-EAST

Specification No. :

Scope of Supply / Work :

Schedule of Material Quantities and Prices (PR No.1200008242)

(All Financial Figures in Rs.)

ERP Item No.	Schd. No.	Material Code	Material Description	HSN Code	Qty.	Unit	Total price/Unit	GST Rate(%)	GST/ Unit	Total Landed Cost /Unit	Total Amount Excl. GST	Total Amount Incl. GST
2		40000037	100X16MM GI FLAT	72111450	907.2	KG	78.61	18%	14.15	92.76	71,314.99	84,151.87
3		40000011	100X16MM MS FLAT	72111450	2016	KG	59.00	18%	10.62	69.62	118,944.00	140,353.92
4		40000039	75X8MM MS FLAT	72111450	444.62	KG	59.00	18%	10.62	69.62	26,232.58	30,954.44

NOTE: CGST and SGST amounts shall be shown in separate columns in the vendor invoices

Total 216,491.57 255,460.23

Schedule of Service Quantities and Prices (PR No.1200008242)

(All Financial Figures in Rs.)

ERP Item No./ Sub-Item No.	Schd No.	Service Code	Service Description	HSN Code	Qty.	Unit	Rate/Unit	Per	Total Base Value	GST (%)	Total GST	Total Tax Portion	Total Amount
1			Name of The Work: - Estimate towards Str										
1 /1		CS20-017	EXCAVATION OF EARTH PIT, PUTTING CAST IRON PIPE WITH FLANGE ON ONE END (AS PER ISS7181/86) OF NOMINAL DIA 125MM AND 2.75 METERS LONG IN SIDE THE PIT INCLUDING SUPPLY AND FIXING RCC COLLARS 0.75 METER DIA (OD), 50MM THICK AND 0.60METERS LONG IN SIDE THE PIT, BACKFILL THE PIT IN THE 25MM SIZE GRANULES OF BHCOKE FOR FULL DEPTH OF THE PIT WITH ALTERNATE LAYERS OF BH COKE AND SALT OF 300MM THICK AROUND THE EARTH PIPE OF 150MM ON ALL THE SIDES OF THE PIPE INCLUDING COST AND CONVEYANCE OF BH COKE, SALT, CLAMPS, C.I.PIPES AND RCC COLLARS, LABOUR CHARGES FOR ALL OPERATIONAL AND INCIDENTAL ITEMS OF WORK ETC., COMPLETE. 220 & 132KV	995433	16	EA	15,077.00	1	241,232.00	18%	43,421.76	43,421.76	284,653.76



ERP Item No./ Sub-Item No.	Schd No.	Service Code	Service Description	HSN Code	Qty.	Unit	Rate/Unit	Per	Total Base Value	GST (%)	Total GST	Total Tax Portion	Total Amount
1 / 2		CS15-16	Laying of earth mat including Excavation of trenches, welding, connecting to equipment and connecting lightning shield to earth mat and earthing of fence posts, drilling and connecting earth rods including connecting cast iron pipes as per Drg. No.SET(P)/149/82 with the following sizes of MS Flats / GI Flats.(for 220kV and 132kV) including fabrication. 220 and 132kV. (Laying of 100x16mm MS Flat)	995429	160	RMT	113.00	1	18,080.00	18%	3,254.40	3,254.40	21,334.40
1 / 3		CS15-16	Laying of earth mat including Excavation of trenches, welding, connecting to equipment and connecting lightning shield to earth mat and earthing of fence posts, drilling and connecting earth rods including connecting cast iron pipes as per Drg. No.SET(P)/149/82 with the following sizes of MS Flats / GI Flats.(for 220kV and 132kV) including fabrication. 220 and 132kV. (Laying of 100x16mm GI Flat)	995429	72	RMT	113.00	1	8,136.00	18%	1,464.48	1,464.48	9,600.48
1 / 4		CS15-16	Laying of earth mat including Excavation of trenches, welding, connecting to equipment and connecting lightning shield to earth mat and earthing of fence posts, drilling and connecting earth rods including connecting cast iron pipes as per Drg. No.SET(P)/149/82 with the following sizes of MS Flats / GI Flats.(for 220kV and 132kV) including fabrication. 220 and 132kV. (Laying of 75x 8mm MS Flat)	995429	94.4	RMT	101.00	1	9,534.40	18%	1,716.19	1,716.19	11,250.59

NOTE: CGST and SGST amounts shall be shown in separate columns in the vendor invoices

Total 276,982.40 326,839.23

Grand Total: 582,299.46

Amount in words : Five Lakh Eighty Two Thousand Two Hundred Ninety Nine Rupees Forty Six Paise



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Sd/-
SUPERINTENDING ENGINEER
OMC/Metro-East

TRANSMISSION CORPORATION OF TELANGANA LIMITED

SCHEDULE – B

SUMMARY OF PRICES

SPECIFICATION No.: W-03/2025-26

NAME OF THE WORK: “Strengthening of earthing of 220KV Malkaram I&II feeder bays, 220KV Bus PT Bay and 160MVA PTR-I HV Bay at 220KV SS Moulali”.

Sl.No.	Item	Total Price
1.	Total value of scheduled items (Quantities and Prices are as per the Schedule – A appended to the specification)	Rs.5,82,300/- (Rupees Five Lakhs Eighty Two Thousand Three Hundred Only). (Total Estimated Value)
2.	Percentage Rate quoted below / at par / excess over the total value vide item 1 above	
	i) In figures	%
	ii) In words	
3.	Total value of schedule after loading the percentage rate quoted against S.No.2 above	
	i) In figures	Rs.
	ii) In words	(Rupees only)

- NOTE:** 1) Percentage is to be rounded off up to two decimals
2) Amounts are to be rounded off to nearest rupee
3) Please avoid any corrections etc.

Sd/-
SUPERINTENDING ENGINEER,
OMC/Metro-East

SIGNATURE OF THE BIDDER
WITH DATE & SEAL