

TRANSMISSION CORPORATION OF TELANGANA LIMITED

Tender Notice No.04/2025-26 of EE/Civil/OMC/AE(T)/F.Tender/D.No.508 /2025,Dt.27/01/2026.

TENDER NOTICE

Sealed tender is invited from the registered contractors having valid registration for the following work.

Tender Notice No.	Name of work	Value of work (Approx.) Rs.	EMD @ 2%	Cost of Tender Schedule Rs.	Tender schedule will be sold from	Last date for receipt of requisition & issue of tender schedule	Last date for receipt of Sealed tender	Date of opening of sealed tender
04/2025 -2026 of EE/ Civil/ OMC/ KMM	" Provision of Barbed wire fencing around the plants area with RCC Poles at TGTRANSCO circle office building in the premises of 132/33KV SS Khammam in Khammam District."	115626.00	2313.00	590.00	27/01/ 2026	Up to 12:00 Noon on 10/02/2026	Up to 3:00 P.M on 10/02/ 2026	At 4:00 P.M on 10/02/ 2026.

- 1) The cost of tender schedule once paid will not be refunded under any circumstances.
- 2) **The cost of tender schedule and EMD for tender notice No. 04/2025-2026 is to be paid in the form of DD in favour of the Superintending Engineer/OMC Circle/Khammam.**
- 3) If any of the dates mentioned in the tender notice happens to be holiday due to unforeseen reasons, the same will be postponed to the next working day.
- 4) The application for tender schedules shall be accompanied by a photo copy of Registration, Authorized GST Registration.
- 5) Tender schedules will not be sent by post.
- 6) Tenders should be submitted in a sealed cover duly superscribing the following
 - (1) Specification No.
 - (2) Name of the work,
 - (3) EMD Details.
- 7) The tenders shall be addressed to Executive Engineer/Civil/OMC/Khammam 132/33 KV SS Premises Khammam-507002.

8) EMD is exempted for tenderers who belong to SC/ST Categories. A copy of Caste Certificate issued by Mandal Revenue Officer should be enclosed along with the specification without which the tender will be rejected.

9) The undersigned reserves right to cancel any/or all the tenders without assigning any reasons thereof.

Sd/-
Executive Engineer,
Civil /OMC/Khammam

To
Notice Board

Copy Submitted to the Superintending Engineer/OMC Circle/ Khammam (*)

Copy Submitted to the Superintending Engineer/Civil/Warangal.(*)

Copy to the Accounts Officer, O/o.SE/OMC Circle/Khammam with a request to attend for opening of tenders.

(*) with a request to arrange to display on their Notice Board.

TRANSMISSION CORPORATION OF TELANGANA LIMITED

TENDER NOTICE No. 04/2025-2026.

Cost of Tender Specification: Rs. 590-00

NAME OF THE WORK : "Provision of Barbed wire fencing around the plants area with RCC Poles at TGTRANSCO circle office building in the premises of 132/33KV SS Khammam in Khammam District".

EARNEST MONEY DEPOSIT DETAILS:

D.D. No.: Date: Rs.

Branch:

Bank: Place:

Sd/-

EXECUTIVE ENGINEER/CIVIL,
TGTRANSCO,KHAMMAM

TRANSMISSION CORPORATION OF TELANGANA LIMITED

SUMMARY SHEET

Tender Notice No. 04/2025 - 2026 OF EE/CIVIL/OMC/KHAMMAM.

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1	Name of the work:	"Provision of Barbed wire fencing around the plants area with RCC Poles at TGTRANS CO circle office building in the premises of 132/33KV SS Khammam in Khammam District".
2	Officer to whom the tenders shall be addressed:	Executive Engineer/ Civil /OMC/Khammam/TGTransco / 132kV Sub-station premises, Khanapuram,Khammam.
3	Superscription on the tender cover:	a)Tender Notice No. 04/2025 - 2026 of Executive Engineer/ Civil /OMC/Khammam/TG Transco. b) Certificate of payment of E.M.D. c) Name of the work. d)Tender is valid for (90) days from the date of opening. e) Certified that all the terms & conditions accepted.
4	Last date and time of receipt of tender:	03.00 P.M on 10/02/2026
5	Date and time of opening of tenders:	04.00 P.M on 10/02/2026
6	Place of opening:	O/o. Executive Engineer/ Civil /OMC/Khammam/ TGTransco, 132kV Sub-station premises, Khanapuram,Khammam
7	Compulsory E.M.D to be paid unless otherwise accepted in advance:	Rs. 2313.00/- in favour of Superintending Engineer/OMC Circle/TGTransco/Khammam.
8	Specification issued:

Sd/-
EXECUTIVE ENGINEER/CIVIL
TGTRANS CO,KHAMMAM

TRANSMISSION CORPORATION OF TELANGANA LIMITED
TERMS & CONDITIONS

NAME OF THE WORK : "Provision of Barbed wire fencing around the plants area with RCC Poles at TGTRANS CO circle office building in the premises of 132/33KV SS Khammam in Khammam District."

- 1) The work is to be executed under the supervision of contractor's technical supervisor, as per the instructions of TG Transco Engineer in-charge at site. The Executive Engineer/Civil/OMC/Khammam is overall in charge of the work, The Asst.Executive Engineer/Civil/OMC/SD/Khammam is in charge of the execution of the work. The Superintending Engineer/OMC Circle/Khammam is the paying officer.
- 2) The work should be started immediately and should be completed within (2) Months from the date of handing over of site. The work should be carried out as per the schedule.
- 3) The materials/ paints/should be of high quality (ISI Make) arranged by the contractor at his own cost for which no extra amount will be paid
- 4) The work is to be carried out carefully without coming in contact with insulators and live conductor.
- 5) If any accident occurs to the contractor's workmen during the course of execution of work, the contractor will be liable to pay the required compensation. If the contractor does not pay such compensation as settled by the courts or labour departments, the TGTRANS CO will recover the same from any of the bills of the contractor. TGTRANS CO in any case will not be directly responsible for payment of workmen's compensation.
- 6) Any disputes arising out of this contract shall be decided in the courts of law situated at Khammam.
- 7) The contractor should provide all statutory requirements and facilities to his workmen engaged at his own cost.
- 8) For any unauthorized work on any EHT line/sub station without proper line clear from the Engineer of TGTRANS CO and accidents occur thereof, the contractor will be held responsible. Para (5) above regarding workmen's compensation will be enforced in this case also.

ELEGIBILITY CRITERIA IS AS FOLLOWS:- Class-V Contractors or contractors with Higher class of Registration as per G.O.Ms.No. 94, Dt.01/07/2003 of Irrigation & CAD (PW:COD) Department of Govt. of Telangana & TGTransco with civil experience or present contractors of TS Transco who have executed similar civil nature of works in last financial year.

- 9) **PENALTY FOR LATE COMPLETION:** If the work is delayed, stopped or interrupted, without any valid reason to the satisfaction TGTRANS CO Engineer, causing inconvenience and financial loss to TGTRANS CO, extension of time cannot be granted, and penalty clauses will be enforced. An amount equivalent to ½% of value of the balance works remaining unexecuted as on the date, per week of delay or part thereof, subject to a maximum of 10% of the total value of the contract will be recovered from the contractor. In case the contract is terminated, The contractor will forfeit the deposits.
 - a) The successful tenderer has to sign an agreement within a period of 15 days from the date of receipt of communication of acceptance of his tender. On failure to do so his tender will be cancelled duly forfeiting the E.M.D., paid by him without issuing any further notice and action will be initiated for black listing the tenderer.
- 10) Every care should be taken by the contractor while executing the work to see that no damage occurs to any equipment, cables, properties, T&P, etc., In case of any damage, the contractor shall be held to pay the damages thereof or alternatively rectify the same at his cost to the satisfaction of TGTRANS CO Engineer. Depending on the risks involved, the contractor may arrange general insurance for period of working, at his own cost.

- 11) An undertaking as in the Annexure shall be given by the company/firm/ contractor along with tenders, disclosing their relationship with the Officers/Directors of TGTRANSKO/ DISCOMs failing which the tender will be rejected. False information in the declaration will render the contract liable for termination as well or recovery of damages.
- 12) The contractor shall comply with all laws of State and Central Governments, statutory rules, regulations etc., such as payment of wages act, minimum wages act, workmen's compensation act, employees liabilities act, industrial disputes act, etc., and EPF scheme etc in force, during the tenure of contract period.
- 13) If the work carried out is not to this satisfaction of the Executive Engineer/Civil/OMC/TG TRANSKO/Khammam, the Executive Engineer/Civil/OMC/Khammam reserves the right to arrange execution of the balance works through any other agency, and to recover such costs from any of the bills of the Contractor and to terminate the contract giving 7 days notice.
- 14) **Security Deposit** : Contractor has to pay within 10 days from the date of issue of the authorization an amount equal to 5% of the total value of the contract as security deposit, failing which the EMD paid by the contractor will be forfeited. The security deposit shall be paid in shape of DD drawn in favor of "The Superintending Engineer/OMC Circle/TGTRANSKO/Khammam" payable at State Bank of India at Khammam branch. No interest will be paid on security deposit. The security deposit will be released after One year of satisfactory completion of work.
- 15) **The EMD will also be forfeited in the following cases.**
 - 'a' When the successful tenderer does not comply with the authorization letter of Executive Engineer/Civil/OMC/ Khammam/TGTransco for taking up the work. Any tender cannot be withdrawn during the process.
- 16) **Terms of Payment:** The following terms of payment are only acceptable. Tenders received stipulating terms other than the following terms will be invalidated.
 - 'a' Payments for the work will be made not earlier than 30 days and 90% of the payment will be released against the submission of bills for the portion of the works completed. Out of the balance 10% amounts, 5% payments will be released after completion of all the works. The final 5% payments will be released after completion of the "Guarantee period". The performance guarantee period will be reckoned from the date of completion of the all the works.
- 17) The tender shall familiarize with site conditions and facilities such as electric supply arrangements (for fabrication/lighting etc.,) before quoting the rates accordingly.
- 18) The works under the contract shall be carried out in accordance with the standard specifications. Where the work done or any part there of, does not, in the opinion of the concerned TG Transco's Engineer confirm to the standard specifications, the work shall have to be done by the contractor at no extra cost.
- 19) If the contractor receives any excess payment by oversight or if any amount is due to be paid to TG Transco and if it is not possible to recover such amount under the contract, the same shall be arranged to be recovered from any other bills due to him by the contractor.
- 20) Any taxes/duties imposed by the Central/State Government or by local bodies on the works carried out shall be paid by the contractor. The standard GST deductions will be made as per prevailing rules of GST. The contractor has to submit valid registration documents with the respective departments (PAN Card, GST Registration) at the time of submission of tenders. The Goods & Service Tax shall be paid only to the Contractor/Firms/Company having valid GST Registration.

- 21) Any other terms and conditions as per TGTransco Rules & Regulations of Purchase Manual, not covered herein will be binding on the contractor
- 22) Any further information regarding specifications and schedule can be had from Asst. Engineer/Tech, office of the Executive Engineer/Civil/OMC/Khammam.

CONTRACTOR

Sd/-
EXECUTIVE ENGINEER/CIVIL,
TGTRANS CO, KHAMMAM.

Requirement Details:-

Cost of Work	Scale of Technical Staff
From Rs. 50,000/- to Rs. 1.00 lakh	One I.T.I. Candidate
Between Rs. 1.00 lakh & Rs. 5.00 lakh	One Diploma holder
Between Rs. 5.00 lakh & Rs. 15.00 lakh	One Graduate Engineer (or) Two Diploma holders
Between Rs. 15.00 lakh to Rs. 25.00 lakh	One Graduate Engineer and one Diploma holder
Above 25.00 lakh	Two Graduate Engineers and two Diploma holders

The appointment of staff shall be on full time basis and they shall be available at the work site whenever required by the Engineer-in-Charge to take instructions.

In case of failure of the contractor to employ Technical Staff as above the recovery shall be made from his bill at Rs. 5,000/- per month.

I / We have accepted the rate of progress (i.e.) the construction programme for the work as envisaged in this tender specification.

I / We have filled up the bill of quantities (Schedule 'A') as envisaged in the tender specification.

The tenderer's particular attention is drawn to the sections and clauses in the standard preliminary specifications dealing with:

- 1) Test, inspection and rejection of defective materials and work:
- 2) Carriage:
- 3) Construction plant:
- 4) Clearing up during progress and for delivery:
- 5) Accidents:
- 6) Delays:
- 7) Particulars of payment:

The contractor should closely pursue all the specifications, clauses which govern the rates which he is tendering.

Addition of provision towards importation of labour, labour amenities, dewatering etc., in working out supplemental items.

If the new item is in substitution of an old item which allowed for importation of labour, labour amenities, dewatering etc., those factors may be taken into account in computing the substituted items also at the same rates at which they were originally provided.

PERIOD OF CONTRACT : (2) Months

SIGNATURE OF THE BIDDER
WITH DATE & SEAL

Sd/-
EXECUTIVE ENGINEER/CIVIL,
TGTRANSCO, KHAMMAM

ANNEXURE-I

I, UNDERTAKING TO BE GIVEN BY THE COMPANY/PARTNERSHIP FIRM/CONTRACTOR ALONGWITH THE TENDER:

I,.....representing the company/partnership Firm/Contractor responding to the bid invitation by the TG Transco Vide Works Notice No.**04/2025-2026** of **The Executive Engineer/Civil/OMC/TG Transco/ Khammam** hereby sincerely and solemnly affirm and state as follows:-

(Strike out that which is not applicable)

a) that myself or any of the representatives of my company/firm do not have any relatives as defined by the TGTRANSKO/DISCOM. (Similar to as defined in manning Tenders/ Details if any can be obtained from the office of the Executive Engineer/ TGTRANSKO / Civil/OMC /Khammam).

(OR)

b) that the following officers/employees of the TGTRANSKO/DISCOM are related to me and to the representatives of my company/firm and their status in the TG TRANSKO/ DISCOMS is as under

	Name of the Officer/Employee	Designation & Place of working	TG TRANSKO/ DISCOM	Relationship
1				
2				
3				
4				
5				

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 TGTRANSKO/DISCOM is entitled to terminate the contract/agreement entered into besides recovering damages as may be found necessary, with due notice.

CONTRACTOR

TRANSMISSION CORPORATION OF TELANGANA LIMITED

SCHEDULE – B

SUMMARY OF PRICES

SPECIFICATION NO	:	04/2025-2026 OF EE/CIVIL/ OMC/KHAMMAM
NAME OF THE WORK	:	“Provision of Barbed wire fencing around the plants area with RCC Poles at TGTRANSCO circle office building in the premises of 132/33KV SS Khammam in Khammam District.”

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: 1,15,626-00 Rupees One Lakh Fifteen Thousand Six Hundred and Twenty Six only (Total Estimated Value)
2	Percentage Rate quoted Above/below/at par above the total value vide item 1. above		--
	.i)	In figures %
	.ii)	In Wordspercentage
3	Total value of schedule after loading the percentage rate quoted against Sl.No.2 above		--
	.i)	In figures	Rs.
	.ii)	In Words	(Rupees.

NOTE:

- 1) Percentage is to be rounded off up to two decimals
- 2) Amounts are to be rounded off to nearest rupee
- 3) The total estimated value under Item. 1 and total value offered by the bidder under Item.3 are inclusive of all taxes etc., as per Technical Specification etc., General and Financial conditions of specification.
- 4) The bidder has to submit the valid registration with Income Tax Department (PAN), GST Department or undertaking that the firm is exempted from payment of GST as their annual turn over is less than Rs.10.00 Lakhs with out which the tender schedule will be liable for rejection.

Sd/-

SIGNATURE OF THE BIDDER
WITH DATE & SEAL

EXECUTIVE ENGINEER/CIVIL,
TGTRANSCO, KHAMMAM.

TECHNICAL SPECIFICATIONS

GENERAL CONDITIONS

- 1) GENERAL:- The work to be performed under this contract consists of "Provision of Barbed wire fencing around the plants area with RCC Poles at TGTRANSCO circle office building in the premises of 132/33KV SS Khammam in Khammam District." 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 thereto and such detailed drawings as may be provided by the Engineer-in-charge during the execution of contract.
- 2) SCOPE: The scope of work covered by this technical specification is for the civil works for the "Provision of Barbed wire fencing around the plants area with RCC Poles at TGTRANSCO circle office building in the premises of 132/33KV SS Khammam in Khammam District."
- 3) WORKING CONDITIONS:- The contractor shall take special note of the following aspects of restricted working conditions while executing the work and should quote his percentage accordingly. 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) 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.
 - e) 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.
 - f) 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.
4. SUBSTANDARD WORK/MATERIAL:- The contractor shall promptly remove from the premises all materials/work condemned by the Executive Engineer/Civil 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.

PART- II (A)

1.0 SCOPE:-

"Provision of Barbed wire fencing around the plants area with RCC Poles at TGTRANSCO circle office building in the premises of 132/33KV SS Khammam in Khammam District."

2.0 CODES AND STANDARDS:-

All equipment materials fabrication galvanizing and tests shall conform to the latest applicable standards, codes etc. mentioned here in or to equivalent applicable international standards approved by the engineer

Sl. No.	STANDARD	TITLE
1)	IS 8112/1989	43 grade ordinary portland cement
2)	IS 1786/1985	High strength deformed steel bars and wires for concrete reinforcement
3)	IS 456/1978	Code of practice for plain and reinforced concrete
4)	IS 383/1970	Course and fine aggregates from natural sources for concrete
5)	IS 2062/1992	Steel for general structural purposes
6)	IS 432(Part-1& / Part-2)/1982	Mild steel and medium tensile steel bars and hard drawn steel wire for concrete reinforcement.
7)	APSS	Andhra Pradesh Standard specification.

List of Approved Brands / makes for procurement of materials:-

Sl. No.	Description of Material	Approved brands
1)	Cement	: 1) ACC Limited 2) Kesoram Cements 3) Orient Cements 4) Zuari Cements 5) CCI Limited 6) Andhra Cements 7) Coramandel Cement 8) Raasi Cement 9) Sri Vishnu Cements 10) Madras Cements 11) Ultra Tech Cement Limited – APCW 12) KCP Limited 13) Penna Cements 14) Panayam Cement 15) Grasim 16) Rajashree Cement 17) Mysore Cement 18) Century Cement 19) Ambhuja Cement , 20) Priya Cement, 21) Duncan cement, 22) Parashakthi cement and 23) Maha cement. 24) Dalmia Cements. 25) M/s.Nagarjuna Cements 26) M/s.Bharathi Cements 27) M/s.Sagar Cements 28) M/s.JSW Cements.

2) Reinforcement and structural steel : **1) VSP 2) SAIL and 3) TISCO**
3) Paints
a) External Walls : **1) Asian 2) Snowcem 3) Jenson & Nicholson**
b) Internal Walls & Oil paints : **1) Asian 2) Berger 3) ICI 4) Nerolac 5) Dulux 6) Jenson & Nicholson**

4.0 **CLIMATIC & ISOCERAUNIC CONDITIONS:-** The climatic and isoceraunic conditions where the sub-station work/bay extensions are carried out are as given below

(i)	Annual rain fall (maximum)	100 cm
(ii)	Maximum ambient temperature	
	(a) In shade	40 deg. C
	(b) In sun	45 deg. C
(iii)	Minimum temperature	10 deg. C
(i)	Maximum relative humidity	74 %
(v)	Minimum relative humidity	10 %
(ii)	Number of Monsoon months	4
(vii)	Average Number of rainy days per annum	90
(viii)	Average annual rain fall	745 mm
(ix)	Wind speed	44m/sec to 50m/sec
(x)	Average Number of thunder storm days per annum	50
(xi)	Maximum altitude above sea level	1000 m

5.0 **COMPLIANCE WITH REGULATIONS:-** Unless otherwise specified works shall be carried out in accordance with the Indian Electricity Act. 1910, Indian Electricity Rules 1956 or any other 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 employer may be subjected to.

5.1 The contractor himself has to arrange for the permits required for the operation of the vehicles used in construction works and such other permits not being arranged by the employer/Engineer.

6.0 **MATERIALS TO BE FURNISHED BY THE CONTRACTOR:-** The contractor will be required to procure all the materials necessary for completion of the work. The contractor will be required to handle all these materials.

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 tenderer will not be entitled for any extra rate or claim for the misjudgment on part for quantity and quality of materials available in the quarries.

6.1 SUPPLEMENTAL ITEMS:-

1.0 The quantities indicated in the Schedule are only provisional and are likely to change during actual execution. When quantities of any item are likely to exceed beyond 25% over and above the scheduled quantity or any new items/supplemental items arises, the Contractor shall bring the fact to the notice of Executive Engineer/Civil/OMC/Khammam well in advance and take prior orders for going ahead with the work. Without approval of this office, the Contractor shall not go ahead with the work wherever the increase in quantities exceeds beyond 25% over and above the scheduled quantities or any new items/supplemental items arise.

The contractor is bound to execute all Increased/Supplemental/New items that are found essential, incidental and inevitable during execution of the contract at the rates to be worked out as below:

a) For work items covered in Schedule-A:-

For quantities increased over and above the Scheduled quantities: The rates awarded in the contract are applicable for any increase in quantities of works.

7.0 For Supplemental/New Items:

- i) For the items relating to the Schedule-B where the rate can be deduced from the estimate or TG Transco/DISCOMS Common SSR, the rate applicable will be the estimated/SSR rate plus or minus (+-) tender percentage accepted by the bidder for Schedule – A. The schedule of rates adopted for supplemental items/new items shall be from the current SSR applicable during the execution period.
- ii) For the items where the rates of new items cannot be deducted from the estimate/SSR, the rate payable will be arrived based on the prevailing market rates duly enquiring/collecting quotations and observing the reasonableness of the rates by the Purchaser.

The quantities indicated in the schedule of the prices are only provisional and are likely to change during actual execution. When quantities of work of any item are likely to exceed the scheduled quantity, the Contractor shall bring the fact to the notice of **Executive Engineer/Civil/OMC/Khammam** three weeks in advance and take orders for going ahead with the work. Without approval of this office, the Contractor shall not go ahead with the work wherever there is increase in quantities.

CLEARING-UP THE SITE:-

During construction the contractor shall keep the work site and storage area used by him free from accumulation of waste materials or rubbish and before completing the works the contractor shall, at his own cost, remove or dispose off in a manner satisfactory to the engineer in-charge. All temporary structures, waste and debris shall be cleaned, all holes in the ground shall be filled in and the land restored to its original state as far as practicable and the entire premises should be in a neat and tidy condition of cleanliness as the Engineer may direct. Any damage done to the permanent or temporary work of the Department by the contractor or his sub-contractor shall be made good at contractor's expenses.

8.0 SITE STORES:- The successful bidder shall establish a temporary store at his cost at the sub-station site for storing cement, equipment such as panels etc. This store should be dismantled and site cleared after the work is completed by him.

8.1 SITE CONDITIONS:- The bidder is expected to familiarize with the site conditions and facilities available before quoting. Regarding water supply and electric power supply arrangements, Clause 16 of part-II of technical specification is applicable.

- 1) **Earthwork excavation in all types of soils (up to stone matrix)**:- Earthwork excavation in all types of soils (up to stone matrix) which can be excavated with pick axe and crow bars and do not require blasting in all conditions such as dry, wet and slushy etc. complete as per directions of Engineer in charge at site for finished item of work.
- 2) **Laying of Cement Concrete (1:4:8)**:- Laying of Cement Concrete (1:4:8) mix using 40mm size HBG metal Machine crushed, fine aggregate (Natural River Sand and Manufacturer Sand (Rock Sand) in the ratio of 50:50) for foundations including cost and conveyance of all materials at all leads and lifts, ramming, consolidating, curing etc,complete. for finished item of work as per directions of the Engineer-in-charge.
- 3) **Laying of Plain Cement concrete (PCC) - Nominal Mix (1:2:4)**:- Laying of Plain Cement concrete (PCC) - Nominal Mix (1:2:4) with 20mm graded HBG metal, fine aggregate (Natural River Sand and Manufacturer Sand (Rock Sand) in the ratio of 50:50) including cost and conveyance of all materials, labour charges, curing and water charges, tools and tackles, all leads & lifts etc., complete for finished item of work as per directions of the Engineer-in-charge. (IS-456)
- 4) **Supplying and fixing galvanised steel barbed wire** :- Supplying and fixing galvanised steel barbed wire (IS 278 - 1978 : Type A - IOWA Type Designation) weighing 9.38 Kg per 100 metres (min.), Straining and fixing to any type of standard, rails, , etc., complete as per the directions of the Engineer in charge for the finished item of work.
- 5) **Providing High Yield Strength Deformed (HYSD)/ Thermo Mechanically Treated (TMT) (Fe 500/ 500D/550D)**:- Providing High Yield Strength Deformed (HYSD)/ Thermo Mechanically Treated (TMT) (Fe 500/ 500D/550D) grade as per IS 1786-1979 of TISCO/ SAIL/ VSP/Jindal make, different diameters for RCC works , including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials etc., complete for finished item of work in all floors as per the directions of the Engineer-in-charge
- 6) **Laying of Reinforced Cement Concrete (RCC) M25**:- Laying of Reinforced Cement Concrete (RCC) M25 Grade with standard mix design as per IS 10262:1982 containing minimum cement content 380 kgs, Coarse aggregate 20mm size graded machine crushed hard granite metal and fine aggregate of zone - II (Natural River Sand and Manufacturer Sand (Rock Sand) in the ratio of 50:50) for finished item of work as directed by the Engineer in charge- COLUMNS
 - a) All installations are made in accordance with the Electricity Supply Act, 1948 and IE rules 1956 which will be inspected by the Executive Engineer and clearance given.
 - b) The contractor shall carryout the ground clearing operation by manual or mechanical methods. No chemical methods that lead to chemical contamination of the site shall be used.
 - c) The contractor shall provide sufficient drainage arrangements to prevent flooding and erosion of slopes etc., in the site or tower areas.
 - d) The contractor shall be fully acquainted with the environmental mitigation measures and shall implement as per the directions of the Engineer-in-charge of the project.
 - e) The contractor shall take necessary precautions while stringing so as to prevent accidents.
 - f) The contractor shall also ensure during the construction.
 - i) Monitoring of quality of the foundations for the tower pads and transformers in substations.
 - ii) That all safety norms during construction are followed to prevent avoidable accidents during construction.
 - iii) Handling and placing of the equipment to avoid damage of the equipment and accidents.

- iv) Monitoring whether standard rules are being followed while pulling and tightening the conductors.
- v) All necessary protection barricades are to be provided to ensure safety and prevention of spreading of cement dust etc.

Contractor ensures that necessary mitigation measures are implemented .

- 9) **PROGRESS REPORTS:-** Weekly progress reports showing the actual progress made in the receipt of the materials by the contractor and in completion of various works shall be regularly submitted in duplicate by the contractor to the Engineer. The performance monitoring shall be carried out with the help of computer aided system on MS project and Excel etc.
- 10) **RESPONSIBILITY OF THE CONTRACTOR:-** The contractor shall guarantee and be entirely responsible for the execution of the contract in accordance with the general conditions of contract, specifications, schedules and appendices. He shall further guarantee and be responsible for proper erection within the guaranteed completion and performance periods. The lump sum amount shall be quoted for finished item of work as per Specification of APSS.

No extra payment over and above the quoted amount will be entertained. In case any work is not executed based on site condition suitable amount will be deducted and mutually agreed rates.

- 11) **RESPONSIBILITY OF THE TENDERER:-**

The tenderer is responsible for proper workmanship and accuracy of fabrication of the materials. The defective materials are to be rectified or made good at his cost. He is also responsible for safe delivery of the goods in good condition at the destination i.e. substation site.

SIGNATURE OF THE BIDDER
WITH DATE & SEAL

Sd/-
EXECUTIVE ENGINEER/CIVIL,
TGTRANSCO, KHAMMAM.

ABSTRACT ESTIMATE

SSR adopted: SSR 2025-26
(With Cement & Steel Rates
for the Month of November-
2025)

Name of work: Provision of Barbed wire fencing around the plants area with RCC Poles at TGTRANSCO circle office building in the premises of 132/33KV SS Khammam in Khammam District.							
SI.No	SAP Service Code	QUANTITY		DESCRIPTION OF ITEM OF WORK	Basic Rate	Per	
					Rs	Rs	
1	SM00017	3.00	Cum	Earthwork excavation in all types of soils (upto stone matrix) which can be excavated in combination of mechanically and manually with pick axe and crow bars and do not require blasting in all conditions such as dry, wet, slushy etc., covering initial lead and lift etc., and backfilling the foundations (after laying foundations) with excavated earth including watering, compacting as per standard specification and disposing of surplus earth within site (up to 1KM lead) complete as per directions of Engineer in charge at site for finished item of work	308.00	One Cum	924.00
2	SM01813	0.60	Cum	Laying of Cement Concrete (1:4:8) mix using 40mm size HBG metal Machine crushed, fine aggregate (Natural River Sand and Manufacturer Sand (Rock Sand) in the ratio of 50:50) for foundations including cost and conveyance of all materials at all leads and lifts, ramming, consolidating, curing etc,complete. for finished item of work as per directions of the Engineer-	4640.37	One Cum	2784.22
3	SM01829	3.00	Cum	Laying of Plain Cement concrete (PCC) - Nominal Mix (1:2:4) with 20mm graded HBG metal, fine aggregate (Natural River Sand and Manufacturer Sand (Rock Sand) in the ratio of 50:50) including cost and conveyance of all materials, labour charges, curing and water charges, tools and tackles, all leads & lifts etc., complete for finished item of work as per directions of the Engineer-in-charge. (IS-456)	6509.72	One Cum	19529.16
4	SM00162	432.00	RM	Supplying and fixing galvanised steel barbed wire (IS 278 - 1978 : Type A - IOWA Type Designation) weighing 9.38 Kg per 100 metres (min.), Straining and fixing to any type of standard, rails, straining bolts, including securing with and provision of galvanised mild steel wire, stapples or steel pins, etc., complete as per the directions of the Engineer in charge for the finished item of work. (Posts and struts of wood, concrete, steel, etc.) and straining bolts shall be paid for separately).	16.50	One RM	7128.00
5	SM00846	0.26	MT	Providing High Yield Strength Deformed (HYSD)/ Thermo Mechanically Treated (TMT) (Fe 500/ 500D/550D) grade as per IS 1786-1979) of TISCO/ SAIL/ VSP/Jindal make, different diameters for RCC works , including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc., complete for	80258.78	One MT	20867.28

Sl.No	SAP Service Code	QUANTITY		DESCRIPTION OF ITEM OF WORK	Basic Rate	Per	Total Amount (Excl. GST)
6				Laying of Reinforced Cement Concrete (RCC) M25 Grade with standard mix design as per IS 10262:1982 containing minimum cement content 380 kgs, Coarse aggregate 20mm size graded machine crushed hard granite metal and fine aggregate of zone - II (Natural River Sand and Manufacturer Sand (Rock Sand) in the ratio of 50:50) as per the mix design approved by the departmental from approved quarry including cost and conveyance of all materials like cement, fine aggregate, coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as volumetric batching, machine mixing, laying concrete, curing and centering, etc., complete but excluding cost of steel and its fabrication charges for finished item of work as directed by the Engineer in charge. Centering should be with steel scaffolded pipes, jack props, wallers foot plates brackets steel centering plates etc			
	SM01685	3.20	Cum	COLUMNS	13999.75	One Cum	44799.20
						Sub Total	96031.86
7	SSC0000151	1875.00		Seignorage charges including SMET 2%	1.00		1875.00
						Total Rs:-	97906.86
						GST @18% on Total	17623.23
						Corpus Fund @0.1% on Sub Total	96.03
						Grand Total Rs:-	115626.12
						or Say Rs:-	115626.00