

TRANSMISSION CORPORATION OF TELANGANA LIMITED



NOTICE INVITING TENDER ON E-PROCUREMENT PLATFORM

SPECIFICATION NO: e-seomcknr-01/2026-27(S01/26-27)

NAME OF THE WORK

Non-TRE portion pertains to Augmentation of PTR's capacity from 3x100+1x160MVA to 2x100MVA+2x160MVA at 220KV SS Jagitial in OMC Circle, Karimnagar.

SUPERINTENDING ENGINEER

OMC CIRCLE, KARIMNAGAR

2nd floor, Zonal Chief Engineer office,

Opp:Gopi Krishna Function Hall, Near District Court,

KARIMNAGAR – 505001

Mobile: 8712463458

Web site : www.tender.telangana.gov.in

TENDER NOTICE No.SE/OMC/KNR/DE(T)/ADE(T)-1/F.No./D.No.463/26, Dt:07.04.2026.

1.	Department Name	:	TGTRANSCO
2.	Circle/Division	:	SUPERINTENDING ENGINEER OMC: KARIMNAGAR
3.	Specification No.	:	e-seomcknr-01/2026-27(S01/26-27)
4.	Name of the Project.	:	Augmentation of PTR's capacity from 3x100+1x160MVA to 2x100MVA+2x160MVA at 220KV SS Jagitial in OMC Circle, Karimnagar.
5.	Package No.	:	NA
6.	Estimated Contract Value	:	Rs.5,40,762/-
7.	Period of Contract	:	60 days
8.	Form of Contract	:	LS
9.	Bid Type	:	Short Bidding
10.	Bid Category	:	Works
11.	Bid Validity	:	90 days from scheduled bid submission closing date
12.	EMD / Bid Security	:	10,900/-
13.	EMD/Bid Security Payable to	:	Superintending Engineer/OMC Circle/Karimnagar
14.	Transaction Fee	:	0.03% on ECV (Estimate Contract value) (including 18% Goods and Service Tax on transaction fees). Refer e-procurement web-site
15.	Transaction Fee Payable to	:	Payable on line to M/s Vupadhi Techno Services Pvt. Ltd., Hyderabad.
16.	Schedule download starting Date	:	07/04/2026 at 19:00 Hrs
17.	Schedule download Closing Date	:	15/04/2026 at 15:00 Hrs
18.	Bid Submission Closing Date	:	15/04/2026 at 15:00 Hrs
19.	Bid Submission	:	Online
20.	Price Bid Opening Date	:	15/04/2026 at 15:01 Hrs
21.	Place of Bid Opening	:	O/o Superintending Engineer/OMC Circle/Karimnagar.
22.	Officer Inviting Bids	:	Superintending Engineer/OMC Circle/Karimnagar
23.	Address	:	2 nd floor, Zonal Chief Engineer office, opp: Gopi krishna function hall, Near District court, KARIMNAGAR - 505001
24.	Contact Details/Telephone/Fax	:	Mobile: 8712463494
25.	Eligibility Criteria	:	<p>a) Registration with TGTRANSCO /TGPNPDC/ TGSPDCL for electrical works.</p> <p>b) Turnover of the bidder for the financial year 2023-24 or 2024-25 shall not be less than the ECV.</p> <p>c) The bidder in his name should have executed 132 KV and above voltage Bay works in TGTRANSCO/APTRANSCO/POWERGRID (As per TOO CE(Cons) MS.No. 492.Dt-28.02.2011. (The technical Qualification criteria for 220KV Bay extension -100% notified quantity of 220KV or higher voltage bays or 200% notified quantity of 110 KV or higher voltage bays).</p>
26.	General Terms & Conditions	:	<p>Refer to general terms and conditions of contract of and Technical Specification.</p> <p>Note: Bidders are requested to go through all the clauses and contents of specification thoroughly and quote the bid. Ignorance of clauses will not be entertained by the purchaser at later date.</p>

Sd/-
Superintending Engineer,
OMC, Karimnagar.

GENERAL TERMS & CONDITIONS

Name of the work:-

Non-TRE portion pertains to Augmentation of PTRs capacity from 3x100+1x160MVA to 2x100MVA+2x160MVA at 220KV SS Jagital in OMC Circle, Karimnagar.

1. ELIGIBILITY:

- a) Registration with TGTRANSCO/TGNPDCL/TGSPDCL for electrical works.
- b) Turnover of the bidder for the financial year 2023-24 or 2024-25 shall not be less than the ECV.
- c) The bidder in his name should have executed 132 KV and above voltage Bay works in TGTRANSCO/APTRANSCO/POWERGRID (As per TOO CE(Cons) MS.No. 492.Dt-28.02.2011. (The technical Qualification criteria for 220KV Bay extension -100% notified quantity of 220KV or higher voltage bays or 200% notified quantity of 110 KV or higher voltage bays).

2. FIRM PRICE: Price quoted shall be firm for the contract period.

3. PRICE VARIATION: Price variation is not applicable.

4. VALIDITY OF BIDS: The rates quoted shall be valid for 90 days from the date of opening of tender.

5. EARNEST MONEYDEPOSIT:

- i) Tender should be accompanied by an Earnest Money Deposit (EMD) of value equal to 2% of estimated value of the tender.
- ii) EMD should be in the form of a crossed demand draft drawn on the State Bank of India or any other Nationalized bank payable at Karimnagar in favour of the Superintending Engineer / OMC / TGTRANSCO /Karimnagar.
or

Online payment to SBI A/c No. 52106235959, IFSC code SBIN0020134 (Proof of payment shall be submitted while submitting the bid).

- iii) EMD is exempted for the firms & individuals belonging to SC/ST at the time of bid submission. However, EMD will be recovered from running bills after expenditure of 25% of the concerned works.
- iv) EMD is not exempted for MSME registered firms.
- v) E.M.D. will be refunded to the unsuccessful bidders after finalization of tenders. For successful bidders, the EMD will be refunded after awarding the contract.
- vi) The E.M.D. will be forfeited in the following cases:
 - a. When the successful bidder does not accept the order after issue of letter of intent/ acceptance letter.
 - b. When the successful bidder fails to furnish the security deposit within specified period after issue of letter of intent/acceptance letter.
 - c. When the bidder alters his prices or with draws his offer during the validity period.

6. DOCUMENTS TO BE FURNISHED:

The Bidder shall enclose with the tender the copies of

- a. Registration with TGTRANSCO /TGNPDCL/TGSPDCL for electrical works.
- b. CA certificate for turnover for the Financial Year 2023-24 or 2024-25.
- c. The Bidders should submit the experience certificate issued from the Divisional Engineer/Executive Engineer cadre and above as per clause no 1(c).

7. SECURITY DEPOSIT: Contractor has to pay within 15 days from the date of issue of the LOI, equal to 5% of the total value of the contract as security deposit. The security deposit shall be paid in shape of Demand Draft drawn in favour of the Superintending Engineer/OMC Circle / TGTRANSCO / Karimnagar payable at State Bank of India, Main branch, Karimnagar or online payment to SBI A/C No. 52106235959, IFSC code SBIN0020134. No interest will be paid on security deposit. The security deposit will be released after completion of guarantee period upon certification by the concerned field Engineer on satisfactory performance of the works.

8. **ADDITIONAL SECURITY DEPOSIT:** If the rate quoted by the bidder is less than 10% of ECV, additional security deposit (ASD) shall be paid for an amount equal to the less percentage below 10%. E.g, if the bidder quotes 15% below the ECV, then he has to pay ASD equivalent to 5% of the ECV. The Additional Security Deposit shall be paid in the form of DD in favour of the Superintending Engineer / OMC / TGTRANSCO / Karimnagar payable at SBI, Main Branch, Karimnagar or online payment to SBI A/C No. 52106235959, IFSC code SBIN0020134. The Additional Security Deposit will be released after completion of the work upon certification by the concerned field engineer.

9. **REJECTION OF BID:**

The bid is liable for rejection

- i) If the documents mentioned at point 6(a), 6(b) & 6(c) are not enclosed.
- ii) The tender quoted more than 5% will be rejected.

10. **EVALUATION CRITERIA:**

- a. Where there is a discrepancy between the unit price and total price, the unit price will prevail and the total price will be corrected accordingly.
- b. Where there is a discrepancy between words and figures, the amount in words will prevail.
- c. Evaluation will be done based on the total price with applicable GST.
- d. Bidder who offers the lowest price on the estimate will be accepted.

11. **NEGOTIATIONS:** Only L1 bidder will be called for negotiations.

12. **PURCHASE ORDER/AGREEMENT:**

- a. Successful bidder will be issued with contract award order after due payment of security deposit as mentioned at clause-6 and the successful bidder will then be called the service provider.
- b. The service provider shall acknowledge the purchase order/agreement.

13. **PAYMENT TERMS:**

- i) 90% payment will be made based on the bills of the contractor after certification of work done by the officers in charge of the work and following all the rules in vogue.
- ii) Out of balance 10% amount, 5% will be released after completion of all the works and submission of Material Accounts.
- iii) Balance 5% of payment will be released after completion of guarantee period and upon certification by the concerned Engineer regarding performance of works.
- iv) If the contractor has received any excess payment by mistake or if any amounts from the TGTRANSCO due to any other reason, when it is not possible to recover such amounts under the Contract recovering the same from any other amounts and Bank Guarantee given by the contractor due to or with the TGTRANSCO.

14. The work should be completed within **60** days (2 months) from the date of handing over of site. The work should be carried out as per the schedule enclosed.

15. **QUALITY:**

Materials supplied by the bidder shall be of good quality. The Divisional Engineer / O&M/ Jagtial shall ensure the quality of the material before use.

16. **TELANGANA GREEN FUND:**

0.01% of the total value of the contract will be deducted and will be remitted to the concerned department.

17. **PENALTY FOR DELAY IN SERVICE:**

The time for and the dates for delivery mentioned in the contract will be deemed to be the essence of the contract. Subject to force majeure clause, if the Service Provider fails to deliver the services within the period(s) specified in the contract, the TGTRANSCO will, without prejudice to its other remedies under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% per week on the undelivered portion subject to a maximum of 5% of the total value of the contract. Once the maximum is reached the TGTRANSCO may consider termination of the contract.

For penalty, the number of days would be rounded off to the nearest week and penalty will be calculated accordingly. The penalty specified above will be levied and would be adjusted against subsequent pending bills.

In case the contractor fails to execute the works as per the programme, TGTRANSCO reserves its right to get the balance works executed by other agencies at the risk and cost of the successful bidder, this is addition to the right of the TGTRANSCO to recover any damage from the contractor and also blacklisting.

18. **EXTENSION OF THE COMPLETION DATE:** When a work cannot be completed within the completion period indicated for reasons beyond the control of the contractor i.e., due to Force Majeure Conditions mentioned below or due to the reasons attributable to TGTRANSCO, the Contractor shall represent for the same and extension of time without levying penalty shall be granted only on the issue of an undertaking by the contractor that they will not put forth at a later date any claims, for extra payments towards increased overheads, material/equipment/works costs etc., during the extended period. It is the sole discretion of the TGTRANSCO to grant extension of completion period. However, price variation is applicable as per the price variation clause of the purchase order.
19. **DEVIATION CLAUSE:**“ The quantities indicated in the schedules are only provisional and are likely to change at the time of awarding contract or during 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 the Superintending Engineer/OMC/Karimnagar, three weeks in advance and take orders for going ahead with the work.

All such items of works shall, however, be executed only on the written directions of the concerned Executive Engineer. The contractor shall 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 the items covered in schedule:

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

b) For Supplemental / New Items:

- i) For the items where the rate can be deduced from the estimate or TGTRANSCO / DISCOMS / Common SSR, the rate applicable will be the estimated / SSR rate plus or minus (+/-) tender percentage accepted by the bidder for Schedule-B. 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 deduced 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.”

20. GOODS AND SERVICES TAX (GST):

- a. GST No. of TGTRANSCO is 36AAFCT0166J1Z9 and shall be quoted on their invoice.
- b. The GST Registration number of Supplier shall to be quoted on each invoice.
- c. Tax invoice shall contain SGST and CGST breakup (or IGST) along with HSN Code.
- d. Suppliers who have opted for composition scheme in GST shall not charge GST in their invoice. Supplier shall submit the Bill of supply without charging GST stating on the top of their Bill of Supply that “Composition taxable person, not eligible to collect tax on supplies”.
- e. The input tax credit claimed by registered taxable person should commensurate reduction in the price of goods and services supplied to TGTRANSCO.
- f. GST TDS @ 2% will be recovered and remitted to Government (if applicable).
- g. E-mail address shall be mentioned on the invoice to send TDS certificate.
- h. e-Invoice shall be furnished whose aggregate turnover exceeds Rs.5.00 crores in a financial year.

- i. In case turnover is less than Rs.5.00 crores, a declaration shall be furnished by the supplier / vendor regarding their turnover.
- j. A copy of GST payment challan and proof of filling GST return by the supplier / vendor shall be furnished.

21. Applicable labour cess @1% will be deducted from the bills.
22. **STATUTORY VARIATION:** Any variation in taxes up or down will be to the account of TGTRANSCO.
23. **GUARANTEE:** The contractor should stand guarantee for the workmanship for a period of 12 months from the date of completion of work i.e from the date of check measurement.
24. If any accident occurs to the contractor or to his labour during the course of work or outside, the Contractor only will be held responsible and for any compensation to be paid, the contractor has to pay. The TGTRANSCO is not responsible and if the contractor does not pay such Compensation as settled by the courts or labour departments, the TGTRANSCO will recover such amount from any of the bills of the contracts held with TGTRANSCO.
25. The contractor should provide all statutory requirement and facilities to the workers engaged at his own cost.
26. The work under execution shall be done under the supervision of Contractor's supervisor, as per the instructions of TGTRANSCO Engineer in charge.
27. The contractor should arrange accommodation and boarding to the workers engaged by him for the work, at his own cost nearer to the work spot.
28. For any reason if the work is delayed, stopped, interrupted or trying to postpone the work without any reasonable cause to the satisfaction of TGTRANSCO Engineers, the loss sustained by the TGTRANSCO due to above inconvenience shall be paid by the contractor.
29. Every care should be taken by the Contractor for his labour while doing the work so as to not to damage the TGTRANSCO equipment, properties, T&P, etc. In case of any damage, the contractor is responsible and shall pay the damages sustained.
30. The contractor shall comply with all state and central laws, statutory rules, regulations etc., such as payment of wages act, minimum wages act, workmen compensation act, employees liabilities act, industrial disputes act etc., and EPF scheme and other acts as directed by Government during the tenure of contract period.
31. What so ever may be reason, no extra payment will be made by TGTRANSCO other than the agreed rates at a later date.
32. Medical facilities for the labour engaged by the contractor should be arranged at his own cost.
33. The contractor's personnel should follow all the rules in vogue at site.
34. In case, the work carried out is not satisfactory to the Engineer in charge of the work, the Superintending Engineer / OMC / TGTRANSCO / Karimnagar reserves the right to terminate the contract with 7 days notice and get the balance work done by other agencies and recover the cost if any from the amounts of the bidder available with TGTRANSCO.
35. No part of the contract shall be sublet without written permission of Superintending Engineer / OMC / TGTRANSCO / Karimnagar nor shall be transferred power of attorney / authorizing others to receive payments on contractor's behalf.

36. TGTRANSCO has right to cancel the work at any stage without assigning any reason.

37. FORCE MAJEURE:

- a. The contractor will not be liable for penalty for delay in work or termination for default if and to the extent that its delay is the result of an event of Force Majeure.
- b. For purpose of this clause, “Force Majeure” means an event beyond the control of the supplier and not involving the contractor’s fault or negligence and not foreseeable. Such events may include, but are not restricted to, wars or revolutions, fires, floods, epidemics, quarantine restrictions, lockdowns and freight embargoes.
- c. If a Force Majeure situation arises, within 15 days from the date of eventuality, the contractor shall notify 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.

38. **JURISDICTION:** All and any disputes or differences arising out of or touching this contract will be decided by the Courts situated at Karimnagar in Telangana State.

39. GENERAL:

- i) Bidder shall sign on all the pages of the specification as a token of acceptance of all the terms and conditions of the specification.
- ii) Bidders shall furnish the declaration in the prescribed format (enclosed) regarding relationship with Transco employees. If false information is furnished in the declaration regarding “Relationship with Transco employees”, it will render the contract liable for termination as well as recovery of damages.
- iii) In case of ambiguity, discrepancy with respect to tender conditions and situations which are not covered in tender specification, SE/OMC/Karimnagar is the final authority for taking decision and no correspondence will be entertained in this matter and the decision taken cannot be questioned.

The Superintending Engineer/OMC/Karimnagar reserves the right to reject any or all the tenders without assigning any reason.

- iv) The Superintending Engineer/OMC/Karimnagar reserves the right to cancel the tender process at any stage if required and bidders shall not have right to ask for reasons.

40. Any further information regarding tender, specification and schedule can be had from the Office of Superintending Engineer / OMC / TGTRANSCO / Karimnagar.

Contact person: ADE (Tech): **8712463494**

Sd/-
Superintending Engineer
OMC, Karimnagar.

To
The Notice Board.

Copy submitted to
The Chief Engineer / Karimnagar Zone / TGTRANSCO / Karimnagar

TECHNICAL SPECIFICATIONS

1.0 SCOPE:

This Specification provides for collection of the materials supplied by TGTRANSCO from TGTRANSCO's stores, procurement and supply of balance materials to complete the work, transport of all materials to site, connecting jumpers etc. The contractor shall execute the works to the extent required to complete the work as a whole.

2.0 WORKS INVOLVED:

- 2.1. Removal of jumpers
- 2.2. Dismantling of existing equipment
- 2.3. Loading, Transportation and Unloading of equipment.
- 2.4. Erection of equipment
- 2.5. Connection of jumpers

3.0 MATERIALS TO BE SUPPLIED BY TSTRANSCO:

The contractor shall be fully responsible for the proper handling, maintenance and safe custody of the materials given to him or his authorized representative at TGTRANSCO stores for erection from the time of taking over till the complete sub-it is taken over by TSTRANSCO.

4.0 SURPLUS MATERIALS

On completion of works all materials left surplus from those supplied by TGTRANSCO under the contract for erection shall be handed over to TGTRANSCO as specified by the Engineer in charge.

5.0 REPLACEMENT:

In the event of the material handed over to the contractor for the execution of this contract being lost, damaged or destroyed while being in the custody of the contractor before being taken over by TGTRANSCO, the contractor shall be liable to make good the loss. In case the contractor fails to return the balance surplus materials, the cost of materials will be recovered from the contractor's bills.

6.0 MATERIALS REQUIRED FOR THE WORK:

The requisite quantities of materials specified in the List of Equipment/Material to be supplied by TGTRANSCO, required for the completion of work will be handed over to contractor at the TGTRANSCO's stores indicated progressively based on the program of the contractor and the actual progress obtained.

The contractor will be responsible for proper handling and maintenance of the materials from the time of receipt by him up to the time of handing over of the completed works to TSTRANSCO and return of surplus material, if any, at TGTRANSCO's stores. The cost of such handling and storage shall be covered in the quoted prices detailed in bill of quantities.

7.0 CLEARING UP THE SITE :

During the work, 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 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 is practicable and the entire premises should be in a neat and tidy condition of cleanliness as the Engineer in charge may direct. Any damage done to the permanent or temporary works of TGTRANSCO by the contractor shall be made good at contractor's expenses.

8.0 SITE STORES:

The successful bidder shall establish a temporary stores at his cost at the substation site for storing cement, equipment etc. These stores should be dismantled and site cleared after the work is completed by him.

9.0 SITE CONDITIONS:

The bidder is expected to familiarize with the site conditions and facilities available before quoting.

10.0 MATERIAL & QUALITY: All the materials used in the works shall be of the best quality of their respective kinds and specified herein. They shall be obtained from sources and suppliers approved by the Engineer in charge and shall comply strictly with the tests, specified hereinafter or, where tests are not specified in this specification they should conform to the requirements of the latest issue of the relevant Indian Standards hereinafter abbreviated to as (I.S.) or other approved National Standards authorized by the Engineer.

11.0 INSPECTION AND TESTING: All the materials used in the works shall be subject to inspection and tests if required by the Engineer in charge. Unless otherwise stated, the cost of all tests required by this specification shall be deemed to be included in the rates and prices named by the contractor in the bill of quantities. Any material which is prepared or manufactured without notice having been given in writing to the Engineer in charge may be rejected if the Engineer in charge considered that his inspection was necessary during the progress of manufacture of such material.

12.0 APPROVAL: No material shall be used in the works unless they have first been approved by the Engineer in charge.

Sd/-
Superintending Engineer
OMC, Karimnagar.

Specification No. : e-seomcknr-01/2026-27(S01/26-27)

Scope of Supply / Work : Non-TRE portion pertains to Augmentation of PTR#s capacity from 3x100+1x160MVA to 2x100MVA+2x160MVA at 220KV SS Jagital in OMC Circle, Karimnagar.

Schedule of Material Quantities and Prices (PR No.1200008902)
(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	
3		3000002283	5 BOLTED TENSION HARDWARE FOR TWIN ZEBRA WITH 400MM SPACING FOR 132 OR 220KV BUS	73262090	6	NO	4,018.80	18%	723.38	4,742.18	24,112.80	28,453.08	
4		40000443	GI EARTH BONDS	73121090	30	NO	390.66	18%	70.32	460.98	11,719.80	13,829.40	
5		40000463	GI BOLTS & NUTS, SPRING & PACK WASHERS	73181500	0.05	TO	97,573.20	18%	17,563.18	115,136.38	4,878.66	5,756.82	
6		3000005117	90W LED STREET LIGHT WITH FIXTURE(PO no 4200002595)	94054090	4	NO	1,399.00	12%	167.88	1,566.88	5,596.00	6,267.52	
7		3000000255	SPACER CLAMP FOR MOOSE/ZEBRA WITH 400MM SPACING	76169910	24	NO	589.56	18%	106.12	695.68	14,149.44	16,696.32	
8		40000038	75X8MM GI FLAT(20MX4.71kg/Rm=94.2kg)	72111450	94.2	KG	83.68	18%	15.06	98.74	7,882.66	9,301.31	
9		40000037	100X16MM GI FLAT(30MX12.6kg/RM=378kg)	72111450	378	KG	83.68	18%	15.06	98.74	31,631.04	37,323.72	
10		3000000577	220KV POST INSULATOR SUPPORT CLAMP FOR TWIN MOOSE	76169910	2	NO	987.36	18%	177.72	1,165.08	1,974.72	2,330.16	
11		3000000276	3 BOLTED PG CLAMP FOR ZEBRA TO MOOSE	76169910	15	NO	551.82	18%	99.33	651.15	8,277.30	9,767.25	
12		3000000110	WEDGE CONNECTOR FOR MOOSE(Wedge Twin Moose Pad, 1200 A (PO No 4200001310)For LV Isolato)	76169910	6	NO	14,000.00	18%	2,520.00	16,520.00	84,000.00	99,120.00	
13		3000002135	SPACER T CLAMP TWIN MOOSE TO ZEBRA	76169910	4	NO	586.50	18%	105.57	692.07	2,346.00	2,768.28	
NOTE: CGST and SGST amounts shall be shown in separate columns in the vendor invoices											Total	196,568.42	231,613.86

Schedule of Service Quantities and Prices (PR No.1200008902)
(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	Corpus Fund	Total Tax Portion	Total Amount
1			Dismantle & Erection											
1 / 1		CS13-13	Connection of equipment to bus and or another equipment with single Zebra/Moose/panther Conductor including measuring, cutting,clamping and Hoisting of suspension insulator assembly to	995429	24	EA	284.25	1	6,822.00	18%	1,227.96	N/A	1,227.96	8,049.96



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	Corpus Fund	Total Tax Portion	Total Amount
			support the Conductor wherever necessary. 220 and 132kV (Dismantling of single Zebra Jumpers)											
1 /2		CS4-4	Hoisting of insulators and hardware, stretching the Conductor and stringing of 132 kv bus comprising of three phases with single Zebra/Moose Conductor to a tension of 900kgs.(the maximum length or up to a length of bus section of 45m). 220 and 132kV (Dismantling of Single Zebra Auxiliary Bus)	995429	1	BUS	5,422.50	1	5,422.50	18%	976.05	N/A	976.05	6,398.55
1 /3		CS34-22.6	Erection of the following equipment with Crane / Derrick at site including handling the material / equipment carefully at site including labour charges for all incidental and operational items of work. (excluding cost of transport charges from dept. stores to the site). 220 kv Current Transformers. (Dismantling of 220KV CTs)	995429	3	EA	4,612.50	1	13,837.50	18%	2,490.75	N/A	2,490.75	16,328.25
1 /4		CS35-22.7	Erection of the following equipment with Crane / Derrick at site including handling the material / equipment carefully at site including labour charges for all incidental and operational items of work. (excluding cost of transport charges from dept. stores to the site). 132 kv Current Transformers. (Dismantling of 132KV CTs)	995429	3	EA	2,985.00	1	8,955.00	18%	1,611.90	N/A	1,611.90	10,566.90
1 /5		CS16-	Laying of earth mat including Excavation of	995429	20	RMT	90.75	1	1,815.00	18%	326.70	N/A	326.70	2,141.70



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	Corpus Fund	Total Tax Portion	Total Amount
		16A	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 100x16mm MS Flat / GI Flat. (Dismantling of 100X16MM GI Earth mat)											
1 /6		CS18-16C	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 75x 8mm MS Flat / GI Flat. (Dismantling of 75X8MM GI earth mat)	995429	20	RMT	81.00	1	1,620.00	18%	291.60	N/A	291.60	1,911.60
1 /7		CS14-14	Connection of equipment to bus and or another equipment with Twin Zebra/Moose/panther Conductor including measuring, cutting,clamping and Hoisting of suspension insulator assembly to support the Conductor wherever necessary. 220 and 132kV. (Connecting of Twin Moose Jumpers)	995429	18	EA	588.00	1	10,584.00	18%	1,905.12	N/A	1,905.12	12,489.12
1 /8		CS5-5	Hoisting of Insulators and hardware, stretching the Conductor and stringing of 132 kV bus comprising of three phases with Twin	995429	1	BUS	14,470.00	1	14,470.00	18%	2,604.60	N/A	2,604.60	17,074.60



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	Corpus Fund	Total Tax Portion	Total Amount
			Zebra/Moose Conductor to a tension of 1800kgs including Fixing of spacer clamps.(The maximum length or up to a length of bus section of 45m). 220 and 132kV											
1 /9		CS34-22.6	Erection of the following equipment with Crane / Derrick at site including handling the material / equipment carefully at site including labour charges for all incidental and operational items of work. (excluding cost of transport charges from dept. stores to the site). 220 kv Current Transformers.	995429	3	EA	6,150.00	1	18,450.00	18%	3,321.00	N/A	3,321.00	21,771.00
1 /10		CS35-22.7	Erection of the following equipment with Crane / Derrick at site including handling the material / equipment carefully at site including labour charges for all incidental and operational items of work. (excluding cost of transport charges from dept. stores to the site). 132 kv Current Transformers.	995429	3	EA	3,980.00	1	11,940.00	18%	2,149.20	N/A	2,149.20	14,089.20
1 /11		CS74-35	Erection of the Main and auxiliary structures etc., using bolts and nuts. 220 and 132kV (Dismantling of 2 No.s 220KV CPL structures.)	995429	0.5	MT	2,932.50	1	1,466.25	18%	263.93	N/A	263.93	1,730.18
1 /12		CS68-34.3	Setting of stubs with stub setting template for sub-station structure:Erection of stub template, Fixing of jacks for supporting the template, alignment and leveling of exact location of stubs of stubSetting template, dismantling of template after completion of initial curing of CC 33kV	995429	1	SET	904.00	1	904.00	18%	162.72	N/A	162.72	1,066.72



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	Corpus Fund	Total Tax Portion	Total Amount
			towers and CPL's											
1 /13		CS74-35	Erection of the Main and auxiliary structures etc., using bolts and nuts. 220 and 132kV (Erection of 2 No.s BPI Structures of 0.516 MT for 220KV HV LA's, 1 No.L of 0.216 MT for 132KV side LV Isolator to 132KV Bus long jumperpport with BUs post Insulator))	995429	0.732	MT	3,910.00	1	2,862.12	18%	515.18	N/A	515.18	3,377.30
1 /14		CS16-16A	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 100x16mm MS Flat / GI Flat.	995429	30	RMT	121.00	1	3,630.00	18%	653.40	N/A	653.40	4,283.40
1 /15		CS18-16C	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 75x 8mm MS Flat / GI Flat.	995429	20	RMT	108.00	1	2,160.00	18%	388.80	N/A	388.80	2,548.80
1 /16		CS13-13	Connection of equipment to bus and or another equipment with single Zebra/Moose/panther	995429	6	EA	379.00	1	2,274.00	18%	409.32	N/A	409.32	2,683.32



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	Corpus Fund	Total Tax Portion	Total Amount
			Conductor including measuring, cutting, clamping and Hoisting of suspension insulator assembly to support the Conductor wherever necessary. 220 and 132kV											
1 /17		CS40-22.12	Erection of the following equipment with Crane / Derrick at site including handling the material / equipment carefully at site including labour charges for all incidental and operational items of work. (excluding cost of transport charges from dept. stores to the site). 220 kv Lightning Arrestors. (Dismantling of 220KV LA's)	995429	2	EA	2,985.00	1	5,970.00	18%	1,074.60	N/A	1,074.60	7,044.60
1 /18		CS40-22.12	Erection of the following equipment with Crane / Derrick at site including handling the material / equipment carefully at site including labour charges for all incidental and operational items of work. (excluding cost of transport charges from dept. stores to the site). 220 kv Lightning Arrestors.	995429	2	EA	3,980.00	1	7,960.00	18%	1,432.80	N/A	1,432.80	9,392.80
1 /19		CS53-22.25	Erection of the following equipment with Crane / Derrick at site including handling the material / equipment carefully at site including labour charges for all incidental and operational items of work. (excluding cost of transport charges from dept. stores to the site). 132 kv Bus Post Type Insulators.	995429	1	EA	418.00	1	418.00	18%	75.24	N/A	75.24	493.24
1 /20		CS64-32	Fabrication of Main and Auxiliary structures,	998873	0.1	MT	12,780.00	1	1,278.00	18%	230.04	N/A	230.04	1,508.04



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	Corpus Fund	Total Tax Portion	Total Amount
			stub setting templates, foundation bolts, 'U' bolts etc.,using raw steel such as M.S.angles, Plates, Channels,R.S.Joists, M.S.rounds, excluding cost of Mild steel and transport charges to site. 220 and 132kV											
1 /21		ST31-III	Cases containing CTs, PTs, CVTs 220kV rating (220KV CTs)	996719	3	NO	1,548.00	1	4,644.00	18%	835.92	N/A	835.92	5,479.92
1 /22		ST30-II	Cases containing CTs, PTs, CVTs 220 and 132kV Above 33kV and up to 132kV (132KV CTs)	996719	3	EA	1,038.00	1	3,114.00	18%	560.52	N/A	560.52	3,674.52
1 /23		ST10-F-N	Loading /Unloading of Control Cable drum upto 6Core 220KV & 132KV	996719	1	EA	312.00	1	312.00	18%	56.16	N/A	56.16	368.16
1 /24		ST11-G-N	Loading /Unloading of Control Cablesdrum above 6Core 220KV & 132KV	995429	1	EA	416.00	1	416.00	18%	74.88	N/A	74.88	490.88
1 /25		ST7:C	LOADING / UNLOADING OF MOOSE ACSR 220 & 132KV	995429	0.5	EA	728.00	1	364.00	18%	65.52	N/A	65.52	429.52
1 /26		ST2-I	Loading /Unloading of Steel 220 and 132kV (L/U of 100X16 GI Earth Flat)	996719	0.378	MT	472.00	1	178.42	18%	32.12	N/A	32.12	210.54
1 /27		ST2-I	Loading /Unloading of Steel 220 and 132kV (L/U of 75X8 GI Earth flat)	996719	0.094	MT	472.00	1	44.37	18%	7.99	N/A	7.99	52.36
1 /28		ST2-I	Loading /Unloading of Steel 220 and 132kV	996719	0.551	MT	472.00	1	260.07	18%	46.81	N/A	46.81	306.88



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	Corpus Fund	Total Tax Portion	Total Amount
			(L/U of 220KV BPI structures)											
1 /29		ST56-22	Loading / Unloading of Loading / Unloading of 220 and 132kV vibration dampers, mid span compression joints, repair sleeves, clamps and connectors etc (100 Nos)	996719	1	LS	344.00	1	344.00	18%	61.92	N/A	61.92	405.92
1 /30		SSE0000569	TRANSPORTATION OF SUB-STATION MATERIAL / EQUIPMENT / SCRAP FROM ONE SITE TO ANOTHER SITE	996519	3	LS	15,464.16	1	46,392.48	18%	8,350.65	N/A	8,350.65	54,743.13
1 /31		CS24-20I	Cable terminations to the switchgear, Marshalling boxes / panel terminal blocks/control and relay Panels, LTAC panel including providing suitable ferrules and lugs as per specification (including cost of ferrules and lugs) (for 220kV and 132kV). 220 and 132kV 1.5/2.5 Sq.mm. Copper with copper lugs each core at both ends..	995429	500	NO	42.00	1	21,000.00	18%	3,780.00	N/A	3,780.00	24,780.00
1 /32		CS21-18	Laying of control cables of all sizes (from 2 core. 1.5/2.5 / 4.0 Sq. mm. to 20 core, 1.5/2.5/4.0sqmm , both copper and aluminium in cable trenches including cost of suitable metallic cable glands with rubber lining. Note: This includes running of cables in control room where cables are run on cable racks in cable duct.	995429	2000	RMT	14.00	1	28,000.00	18%	5,040.00	N/A	5,040.00	33,040.00
1 /33		CS53-22.25	Erection of the following equipment with Crane / Derrick at site including handling the material /	995429	1	EA	418.00	1	418.00	18%	75.24	N/A	75.24	493.24



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	Corpus Fund	Total Tax Portion	Total Amount
			equipment carefully at site including labour charges for all incidental and operational items of work. (excluding cost of transport charges from dept. stores to the site). 132 kv Bus Post Type Insulators.											
2			Civil Foundation											
2 /1		SM00017	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. 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 complete as per directions of Engineer in charge at site for finished item of work.	995429	4	M3	304.19	1	1,216.76	18%	219.02	1.22	220.24	1,437.00
2 /2		SM00011	Laying of Cement Concrete (1:4:8) mix using 40mm size HBG metal Machine crushed 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.	995429	0.25	M3	4,952.58	1	1,238.15	18%	222.87	1.24	224.11	1,462.26
2 /3		SM00845	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 PANTHER make,	995429	0.04	MT	70,126.28	1	2,805.05	18%	504.91	2.81	507.72	3,312.77



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	Corpus Fund	Total Tax Portion	Total Amount
			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 finished item of work in all floors.(APSS No.126) - Switch Yard Works and Line Works											
2 /4		SM01588	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 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	995429	0.5	M3	10,208.73	1	5,104.37	18%	918.79	5.10	923.89	6,028.26



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	Corpus Fund	Total Tax Portion	Total Amount
			steel scaffolded pipes, jack props, wallers, foot plates, brackets, steel centering plates etc. complete.- Footings											
2 /5		SM01589	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 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. complete. - Pedestals	995429	2	M3	10,965.15	1	21,930.30	18%	3,947.45	21.93	3,969.38	25,899.68
2 /6		SM00102	Plastering with CM (1:5), 12 mm thick to the even wall surfaces including cost & conveyance of all materials, labour charges, leads, lifts , scaffolding and curing complete as per the directions of the Engineer in charge for the finished item of work. - Without Scaffolding	995429	3	M2	189.79	1	569.37	18%	102.49	0.57	103.06	672.43
2 /7		SM00125	White washing with Birla/JK White cement if approved quality with two coats quality to	995429	3	M2	52.66	1	157.98	18%	28.44	0.16	28.60	186.58



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	Corpus Fund	Total Tax Portion	Total Amount
			give even shade after thoroughly brushing the surface to remove all dirt and remaind of loose powdered material including cost of all materials, and labour chargesand incidental such as scaffolding , lift charges etc, complete for finished item of work as directed by the engineer in charge. complete for finished item of work.											
2 /8		SSC0000 151	Seignioarage charges including SMET, DMFT and permit fee	995429	614	RS	1.00	1	614.00	18%	110.52	N/A	110.52	724.52

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

Total 261,961.69

309,147.85

Grand Total: 540,761.71

Amount in words : Five Lakh Forty Thousand Seven Hundred Sixty One Rupees Seventy One Paise

