**SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LTD**

**BIDDING DOCUMENT**

Invitation to Bidders



## **DISTRIBUTION COMPANY OF TELANGANA LTD**

**LIGHTING UP YOUR LIVES**

SOUTHERN

POWER

**Specification No. DE/ Master Plan/ WCGH Division/RR Circle/**

**T. Sp. No. 01/2025-26 (Under SC Category)**

"Shifting of 2No. Spun poles, 1no 9.1m PSCC pole, 33kV SCOH conductor, 11kV AB cable, LT AB cable from Government ZPHS School Gachibowli to Canara bank & 1No. Box pole at P24 beside KGN Xerox shop in Gachibowli-Kondapur road in Master plan-Sub division-1 of WCGH Division in RR Master plan Circle". (Under SC Category)

SCHEDULE COST: RS. 590/-

Date, Time, Place of opening of Tender is on: 20.06.2025 at 15:00 Hrs in Chambers of Divisional Engineer/ Master Plan/WCGH Division/ RR Circle

Sold to: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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DD No. Rs. Date:

Bank: Branch:

Tenderer 1

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**Proceeding No.DE/ Master Plan/WCGH Division/RR Circle/ F.No. Sp No.01/2025-26/ D.No. /2025-26, Dt: 06.2025 .**

Sealed Tenders are invited from the eligible contractors for the following work up to **20.06.2025** at **12:00** Hrs. The tenders will be opened on **20.06.2025** at **15:00** Hrs in the presence of the Divisional Engineer /Master Plan/WCGH Division/RR Circle and tenderer or their authorized representatives in the O/o Divisional Engineer /Master Plan/WCGH Division/RR Circle/Kukatpally, Hyderabad.

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| **S.No** | **Specification No.** | **Name of the work** | **Approx. Value of work Rs.** | **EMD (2%) to be paid Rs.** | **Period of completion** |
| 1 | Spec No. 01/2025-26 of DE/ Master Plan/WCGH Division/RR Circle.  **(Under SC Category)** | Shifting of 2No. Spun poles, 1no 9.1m PSCC pole, 33kV SCOH conductor, 11kV AB cable, LT AB cable from Government ZPHS School Gachibowli to Canara bank & 1No. Box pole at P24 beside KGN Xerox shop in Gachibowli-Kondapur road in Master plan-Sub division-1 of WCGH Division in RR Master plan Circle. | 583343/- | 13,767 /- | 3 months |

|  |  |  |
| --- | --- | --- |
| 1 | Date of sale of bid (Bid start) | 13.06.2025 at 15:00 Hrs |
| 2 | Last Date for sales of tender schedule | 19.06.2025 at 15:00 Hrs |
| 3 | Last date of receipt of tenders | 20.06.2025 at 12:00 Hrs |
| 4 | Date & Time of opening of tenders | 20.06.2025 at 15:00 Hrs |
| 5 | Cost of tender specification | Rs. 590/- |
| 6 | The Cost of tender Specification and EMD shall be remitted by the way of Demand Draft drawn in favour of Accounts Officer, Master Plan, TGSPDCL, Hyderabad | |

Any further information in this regard can be obtained from this office the Divisional Engineer/ Master Plan/WCGH Division/RR Circle, TGSPDCL. Hyderabad and from the website of [**www.tgsouthernpower.com**](http://www.tssouthernpower.com)

**Divisional Engineer Electrical,**

**Master Plan, WCGH,**

**RR, Kukatpally,**

Phone/Fax : **8712468862 TGSPDCL, Hyderabad**

Tenderer

**Each bidder should submit the following documents in the bid.**

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| 7  Tenderer 3 | **Eligibility Criteria**  **Mandatory** | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **S. No.** | **Description** | | | | | 1 | **Financial Turnover:**  As part of financial eligibility, the bidder should have achieved a minimum turnover of 50% of Bid value during any one financial year in the preceding **Seven** financial years i.e., **FY2018-19 to FY:2024-25** certified by Chartered Accountant. | | | | | 2 | **Technical Experience:**  To qualify for award of the contract, each Bidder in his name should submit certificate issued by an Engineer not below the cadre of Divisional Engineer for the works executed in a consecutive period of 24 months during the last 7 financial years. The date of work commencement, completion along with Agreement No. should be invariably furnished in the performance certificates issued by the concerned Engineer. | | | | | a | UG Cable | | 33kV | 25% of the route length must be executed in any consecutive 24 months period during preceding Seven financial years. | | 11kV | | b | OH Line | | 33kV | 25% of the route length must be executed in any consecutive 24 months period during preceding Seven financial years. | | 11kV | | c | Towers | | M-Type | If OH line is having 20 or less than 20 Towers, OH line experience will be considered. If OH line is having more than 20 Towers, 25% of No. of Towers experience is required. | | 3 | The Contractor shall have valid ‘A’ Grade Electrical Contractor’s license from CEIG, Government of Telangana up to 33 kV or above voltage grade. | | | | | 4 | Valid bid security @ 2 percent of ECV in the form of DD only drawn in favour of Accounts Officer/ Master Plan/ TSSPDCL/ Hyderabad from any Scheduled Bank or Nationalized Bank only.  **Note:**  **Exemption of EMD for SC/ST Category Reserved tenders, as per T.O.O. (CE/Civil) Ms. No. 511, Dt. 03-01-2020 & Sp.O.O. (Projects) Ms.No.521, Dt.24-06-2020** | | | | | 5 | **Contractors shall submit hard copy of SC/ ST Certificate issued by the Mandal Tahasildar, otherwise the Bid will be treated as non-responsive.** | | | | | 6 | Copy of Liquid Assets/ Solvency Certificate for not less than 20% of Bid value and should have been issued by any Scheduled bank or Nationalized bank not earlier than Twelve Months prior to the date of bid opening. The TGSPDCL reserves the right wherever necessary to make queries with the bidders bankers | | | | | 7 | Bidder should submit a Copy of TGSPDCL Registration of the Vendor | | | | | 8 | The bidder has to submit the Goods and Services Tax (GST) and EPF & ESI Registration Certificates. | | | | | 9 | The bidder should upload the information of Litigation History on letter head. | | | | | 10 | Self declaration by the Bidder in token of having gone through carefully and thoroughly all the terms and conditions mentioned in the Bid document and abide by all the terms and conditions clearly mentioning the Name of the work or Specification no. of the bid. | | | | | 11 | Declaration certificate shall be given on Firm’s letter head duly certifying the availability of critical equipment either owned or leased (i.e. Owned equipments and leased equipments should specifically be mentioned) shall be mentioned separately such as Rollers, Tractors, JCBs, Cranes, Ropes and Pullies, safety equipment with first aid kit, Meggar, Tong tester, UG Cable length measuring equipment, Chain pulley blocks, Welding machines, Drilling machines, Gas cutters, Concrete millers, Pin vibrators, Slab vibrators, RCC centering Equipment, Transport vehicles etc, as the case may be. **Bidders without giving declaration for Cable Rollers & Pulling machines will be summarily rejected as the cable work must be carried out using rollers only.** | | | | | 12 | Bidder should submit declaration of Qualification of key person/Site in charge with B.Tech/ Diploma in Electrical Engineering from Recognized Universities | | | | | **S.No.** | | **Description** | | | | 1 | | Pan Card | | | | 2 | | Firm Registration/ Registered Partnership deed in case of firm | | | | 3 | | EPF Registration Certificate | | | | 4 | | The bidder is requested to furnish Email address for correspondence | | | | 5 | | The Bidder should submit the hard copy of all uploaded mandatory documents for verification | | | | 6 | | The Bidder shall submit a copy of financial turnover, Profit & Loss statements, Balance sheets and Income tax return statements supporting the Financial Turnover in the preceding Seven financial years certified by Chartered Accountant. | | | |
| **Optional** |
| 8  8 | All tenders must be accompanied by the bid security shall be delivered to the following address the Divisional Engineer /Master Plan/WCGH Division/RR Circle/Kukatpally, Hyderabad. | |
| 9  9 | The under signed reserves the right to reject any or all tenders without assigns any reasons thereof. | |
| 10 | Procedure for Bid Submission | 1. The bidders are requested to submit all the Mandatory Documents **duly attested by the Gazetted Officer** as stipulated in the bid document. 2. Hard Copies shall also to be submitted with all above mentioned documents only in sealed bid on or before **20.06.2025** **at 12:00 Hrs** to make him responsive, subject to fulfillment of other required obligations of the bid document. 3. The department shall not be responsible for any risk on account of postal delay, similarly, if any of the certificates, documents, etc., furnished by the bidder are found to be false misleading/ fabricated/ bogus, the bidder will be disqualified duly forfeiting the bid security & black listed and action will be initiated as deemed fit. |
| 11 | Right reserved with the Department | TGSPDCL reserves the right to accept or reject any or all the bids received without assigning any reasons there for. |
| 12 | General Terms and conditions | As specified in the bid document and TGSPDCL terms & Conditions. |

Tenderer

Technical specification

**1. SPECIFICATION OF M TYPE TOWERS**

**Erection of Towers** / **Sub-Station Structures**

* During erection of towers only the minimum' number' of workers shall be deployed to minimize risks of objects falling on workmen especially when work is carried out at two or more levels of towers or structures. The workmen shall invariably use safety devices such as helmets and safety belts during erection of towers and sub-station structures.
* Tie ropes shall be used wherever necessary for holding steel sections or tower parts in position.
* The devices such as pulley blocks and wire ropes, used for erection of towers structures shall be of good quality and shall \*be tested. They shall be inspected by experienced officers before use.
* During erection of towers using hoisting equipments such as cranes and tripartite adjacent to existing transmission lines, the lines shall be de‑energized wherever possible. When this is not possible special precautions shall be taken to maintain minimum clearances from live lines
* Whenever cranes or tripartite are used for erection, they shall be set on firm foundations / level ground. The wheels of ‘mobile machines shall be in locked position to prevent dislocation during operation.
* Tie ropes shall be used to maintain control of tower sections being raised and positioned wherever possible. Care shall be taken to prevent the ropes from creating hazards themselves.
* Erection or maintenance shall not be carried out during high velocity wind, heavy rainfall and thunderstorms.

Precautions pertaining to traffic control shall be taken during work including at highway crossings and railway crossings.

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| **DATA-VII** | | | |  |  |
| **Erection of Galvanized M+3 Tower as per ASCI Standard with out excavation** | | | | | |
| **S. No** | **Description** | **Qty.** | **Per Unit** | **Rate** | **Amount** |
|  | **Material** | | |  |  |
| 1 | Supply of Galvanized M+3 type tower as per Specification. | 1.468 | MT | 83913.06 | 123184.38 |
| 2 | Supply of Suitable Hot dip Galvanized, Zinc coated Nuts and bolts with suitable plain and spring washers. | 158.00 | KG | 110.69 | 17489.62 |
|  |  | | **Total:** |  | 140674.00 |
|  | **Labour** | | |  |  |
| 1 | Fabrication of tower Parts as per Specification | 1.47 | MT | 6479.61 | 9512.07 |
| 2\*\* | Excavation of pit including dewatering, planking, showring and shuttering( where ever necessary) and leveling a) in all types of soils such as BC, red earth, hard gravel etc., b) in hard rock sites (where blasting is prohibited) with size 1.2x1.2x3.3 mtr i.e.4.752 cum | 4.752 | cum | 0.00 | 0.00 |
| 3 | Setting of stubs in position for laying of foundation of towers with 1:2:4 cc mix using 40 mm HBG metal including cost of all concreting materials and cement, form boxes and curing for 14 days | 4.752 | CUM | 7310.18 | 34737.98 |
| 4 | Erection of tower parts completely as per specifications including erection of insulators with all accessories, jumpering, transport of material and bolts and nuts etc., | 1.468 | MT | 7657.72 | 11241.54 |
| 5 | Tack welding of total tower nuts and bolts | 1.00 | Job | 1767.17 | 1767.17 |
| 6 | Pipe earthing of towers with 40mm dia GI pipe, including cost of pipe, bentonite powder and running of GI flat etc., | 2.00 | Each | 1743.02 | 3486.03 |
| 7 | Transport of Material to site including loading and unloading | 1.626 | MT | 2356.22 | 3831.22 |
|  |  | | **Total:** |  | **64576.00** |
| (\*\*) Note :-( 1) Earth work excavation of Hard Rock removal (where blasting is prohibited) rate to be calculated as per the code SWR10856. The quantity of earth work excavation with Hard Rock removal may vary based on the site condition.This quantity is to be certified by the field Engineer and the same has to be deducted from the quantity of excavation of pit with hard gravel at the time of billing. (2) The material has to be certified before dispatch of materials to the site by field Engineer not below the rank of Divisional Engineer.(\*) Note: -(3) The steel used for the fabrication of towers should be procured from ISI trade mark companies such as Tata steel, sail steel, vizag steel , Jindal steel, etc. to be certified by the field Engineer not below the rank of Divisional Engineer. | | | | | |

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|  | | **Tower details** | |  | |  | |  | |  | |
| 1 | | Weight of M type tower | | 1.29 | | MT | |  | |  | |
| 2 | | Weight of 1 No. extension of 3 Mtrs | | 0.335 | | MT | |  | |  | |
| 3 | | Weight of M+3 tower | | 1.626 | | MT | |  | |  | |
| 4 | | Weight of M+6 tower | | 1.962 | | MT | |  | |  | |
| 5 | | Weight of M+9 | | 2.294 | | MT | |  | |  | |
| 6 | | Weight of **SIX** arms | | 0.091 | | MT | |  | |  | |
| **stubs** | | (110X110X8) **110X110X10**= 4.56 mtrs | |  | |  | |  | |  | |
|  | | 100X100X8=1.998 mtrs | |  | |  | |  | |  | |
|  | | 80X80X8 =1.898 mtrs | |  | |  | |  | |  | |
|  | | 65X65X6 = 2.274 mtrs | |  | |  | |  | |  | |
|  | | 50X50X6=2.761 mtrs | |  | |  | |  | |  | |
|  | | Total height 13.5 mtrs | |  | |  | |  | |  | |
|  | | Depth of tower below ground level : 3.2 mtrs | | | | | |  | |  | |
|  | | Height of tower above ground level: 10.3 mtrs. | | | | | |  | |  | |
| **DATA-X** | | | | | | | |  | |  |
| **Extension of 3mtrs for M+3 Tower as per ASCI Standard** | | | | | | | | **SSR for FY 2024-25** | | |
| **S. No** | | **Description** | | **Qty.** | | **Per Unit** | | **Rate** | | **Amount** |
|  | | **Material** | | | | | |  | |  |
| 1 | | Supply of Galvanized M+3 type tower as per Specification. | | 0.30 | | MT | | 83916.41 | | 25174.92 |
| 2 | | Supply of Suitable Hot dip Galvanized, Zinc coated Nuts and bolts with suitable plain and spring washers. | | 30.23 | | KG | | 110.70 | | 3346.08 |
|  | |  | | | | **Total:** | |  | | 28521.00 |
|  | | **Labour** | | | | | |  | |  |
|  | | Fabrication of tower Parts as per Specification | | 0.30 | | MT | | 6672.88 | | 2001.86 |
|  | | Erection of tower parts completely as per specifications including erection of insulators with all accessories, jumpering, transport of material and bolts and nuts etc., | | 0.30 | | MT | | 7886.13 | | 2365.84 |
| 3 | | Transport of Material to site including loading and unloading | | 0.33 | | MT | | 2426.50 | | 801.30 |
|  | |  | | | | **Total:** | |  | | **5169.00** |
|  | | | | | | | |  | |  |
|  | | **+3 Extension** | |  | |  | |  | |  |
|  | | 100x100x10=3mtrs | |  | |  | |  | |  |
|  | |  | |  | |  | |  | |  |

**2. SPECIFICATION OF CONDUCTOR**

**Material:**

The conductor shall be composed of plain annealed copper wires (complying with IS: 8130) made of high conductivity copper rods (complying with the latest version of IS: 613).

**Form:**

The conductors shall be circular, stranded. They shall be clean, reasonably uniform in size and shape, smooth and free from all harmful defects.

**Joints:**

Joints shall be permitted in the individual wires of which the conductor is formed but no joint shall be within 300mm of any other joint within the same layer. The joints shall be made by resistance butt welding, fusion welding, cold pressure welding, electric welding, gas welding, brazing or silver soldering.

**Classification:**

Class-2 for stranded circular non-compacted cables used for fixed installation.

**Size, number, resistance:**

The wires in the conductor shall have the same nominal diameter before stranding. The number of wires in the conductor shall be not less than 3 and the maximum resistance of conductor at 20°C shall be 7.41 Ω/km as per Table 2 of IS: 8130.

**Stringing of line conductors**

In conductor erection the main operations are:

* Transport of conductor drums to work spot
* Paving off the conductor
* Jointing of conductors
* Tensioning and sagging of conductors
* Fixing of tension clamps, pin binding and jumpering.

**3. SPECIFICATION OF RS JOISTS, MS CHANNEL (Made out of sponge only)**

The scope includes

* Supply of RS Joist with 9m length150 x 150 mm as per specification for substation structures.
* Supply and welding to the RS joists including 6mm base plate
* Supply of RS Joist with 6m length150 x75 mm including 6mm base plate as per specification for power transformer DP’s
* Aligning straightening the RS joists to zero level confirming with spirit level leveling in prefabricated MS frames before erecting.
* Fabrication of RS joists poles duly fabricating 6mm base plate including cutting, drilling the required holes, with Power drills
* Excavation of
  + pit of size 4',x4,'x5.5', (1.3x1.3x1.7m =2.9 m³
  + concrete mix of PCC 1:4:8: using 40 mm HBG metal size 4'x4'1/2'(1.3x1.3x0.2=0.4m³
  + Mass concreting with 2.6'x2.6'x6'(0.8x0.8x2m=1.3 m³
  + back filling 1.4'x1.4
  + Painting of all supports to a height of 0.3 m coping with bituminous paint (black colour) and painting of coping with two coats of white cement (including cost of paint
  + Erection of auxiliary structures i.e., prefabricated MS channels etc using bolts and nuts on already erected poles.
  + Hot dip galvanized bolts/Zinc coated nut and bolts including spring/flat washers

**(Gas cutting/Welding not allowed)**

**RS JOISTS**

|  |  |  |
| --- | --- | --- |
| **Sl.No.** | **Description of Material** | **Quality** |
| 1 | RS Joists 175x85 mm (12 m) |  |
| 2 | RS Joist 150x150 mm (9.0 m) |

The equipment / materials offered will be entirely satisfactory for operation under the climatic conditions indicated below:

(a) Maximum ambient air temperature (in shade) 450 C

(b) Maximum ambient air temperature (under sun) 500 C

(c) Maximum daily average ambient air temperature 350 C

(d) Maximum yearly average ambient air temperature 300 C

(e) Maximum humidity 100%

(f) Altitude above M.S.L. Up to 1000 m

(g) Average No. of thunder storm days per annum 50

(h) Average No. of dust storm days per annum Occasional

(i) Average No. of rainy days / annum 90

(j) Average Annual Rain fall 925mm

(k) Normal tropical monsoon period 4 months

(l) Maximum wind pressure 150 kg/m².

**MS CHANNEL**

|  |  |  |
| --- | --- | --- |
| Sl.  No | Material | Quality |
| 1. | 1. MS Channel 100x50 mm 2. MS Channel 75x40 mm 3. MS Angle 65x65x6 mm   4) MS Angle 50x50x6 mm | **IS-2062 Grade-A** |

The equipment / materials offered will be entirely satisfactory for operation under the climatic conditions indicated below:

(a) Maximum ambient air temperature (in shade) 450 C

(b) Maximum ambient air temperature (under sun) 500 C

(c) Maximum daily average ambient air temperature 350 C

(d) Maximum yearly average ambient air temperature 300 C

(e) Maximum humidity 100%

(f) Altitude above M.S.L. Up to 1000 m

(g) Average No. of thunder storm days per annum 50

(h) Average No. of dust storm days per annum Occasional

(i) Average No. of rainy days / annum 90

(j) Average Annual Rain fall 925mm

(k) Normal tropical monsoon period 4 months

(l) Maximum wind pressure 150 kg/m²

**4. Fixing of Insulators**

The pins for insulators shall be fixed in the holes provided in the cross arm and the pole top brackets. The hexogonal nut provided to the pin shall be tightened fully. Spring washer shall necessarily be provided to the pins. The insulators shall be mounted in their places over the pins and tightened. Slacken the Pin and align the top groove of the insulator to the conductor direction – Retighten pin. Strain fittings are to be provided at all tension points. One strap of the strain fittings is placed over the cross arm before placing the bolts in the hole of the cross arms. The nut of the straps is so tightened that the strap can move freely in horizontal direction, as this is necessary to fix the strain insulator. The insulators shall be cleaned and examined for defects before fixing. Insulators with cracks or chips shall not be used. Disc insulators are to be used for 11 kV and 33 kV lines and shackle insulaors for LT lines at all tension points.

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| **Schedule for the work "Shifting of 2no. spun poles, 1no 9.1m PSCC pole, 33kV SCOH conductor, 11kV AB cable, LT Ab cable from Government ZPHS school Gachibowli to Canara bank & 1no. box pole at P24 beside KGN Xerox shop in Gachibowli-kondapur road in Master plan-Sub division-1 of WCGH Division in RR Master plan Circle".** | | | | | | |
| **WBS No. G-2025-13-04-01-01-001** | | | | | | |
| **S.No** | **Estimate Quantity (Only Figures)** | **PARTICULARS** | **SWR No/APSS/Morth cl.No** | **Rate (INR) (Upto 2 Decimals)** | **UOM** | **Amount** |
| 1 | 2.000 | Supply of M+3 Tower (Galvanized) | SMR11683 | 140674.30 | EA | 281348.60 |
| 2 | 2.000 | Supply of material for Extension of 3Mtrs for M+3 (Galvanized) | SMR11684 | 28520.64 | EA | 57041.28 |
| 3 | 2.000 | Erection of M+3 Tower (Galvanized) | SWR11850 | 64576.00 | EA | 129152.00 |
| 4 | 2.000 | Erection of Extension of 3Mtrs for M+3 (Galvanized) | SWR11851 | 5168.95 | EA | 10337.90 |
| 5 | 9.504 | Earth work excav hard rock boulders <3cum  Excavation of pits in hard rock not requiring blasting. (In hard murram / rock boulders) (other than SS) | SWR10856 | 1318.35 | M3 | 12529.60 |
| 6 | 6.000 | S&E-C Clamp for 33KV Jumper on Tower | SWR12440 | 51.00 | EA | 306.00 |
| 7 | 1.000 | LOADING of Conductor drums | SWR10191 | 202.00 | EA | 202.00 |
| 8 | 1.000 | UNLOADING of Conductor drums | SWR10509 | 100.00 | EA | 100.00 |
| 9 | 1.000 | Transport of Cond Drum,VCBs >10 & <20Km  Transport of conductor drums, cable drums, fragile material such as kiosks, VCBs, control panels, Battery Chargers with Batteries, RMU, current transformers, boosters, lightning arrestors, insulators, transformers, meters (which are less in weight and occupy more space) (excluding of loading unloading) Above 10 Km and upto 20 Km with Lorry for each trip | SWR11861 | 3299.70 | EA | 3299.70 |
| 10 | 0.150 | Stringing 100sqmm 33/11kv Line 3 Cond SC  Paving out and stringing of conductor by providing temporary stays, tensioning, sagging correctly, fixing strain points, transferring to pin points binding, keeping stiffener, rectification of poles, guys and jumpering etc., including transport of material from road side to location. 100 Sqmm Single Circuit (3 Conductors) | SWR10366 | 13856.70 | KM | 2078.51 |
| 11 | 1.000 | Loading of LT Cable /AB Cable (XLPE) Single core Drum (including Accessories) for all size | SWR12415 | 500.00 | DR | 500.00 |
| 12 | 1.000 | Un loading of LT Cable /AB Cable (XLPE) Single core Drum (including Accessories) for all size | SWR12433 | 260.00 | DR | 260.00 |
| 13 | 4.000 | LOADING of R.S. Joists 175 x 85 mm | SWR10204 | 76.00 | EA | 304.00 |
| 14 | 4.000 | UNLOADING of R.S. Joists 175 x 85 mm | SWR10522 | 50.00 | EA | 200.00 |
| 15 | 0.150 | LOADING of MS Channel, Angles, Flats & Rods | SWR10206 | 221.00 | TO | 33.15 |
| 16 | 0.150 | UNLOADING of MS Channel, Angles, Flats & Rod | SWR10524 | 185.00 | TO | 27.75 |
| 17 | 1.150 | TRANSPORT OF STEEL MATERIAL 10 TO 20KM  Transport of steel including line materials such as cross arms, clamps, hardware, cable (loose) and other line materials (Including loading and unloading) Above 10 KM and upto 20 KM | SWR10148 | 481.44 | TO | 553.66 |
| 18 | 0.090 | Re-stringing of 11 KV 3x185+70 Sqmm | SWR12152 | 14875.00 | KM | 1338.75 |
| 19 | 4.000 | Fabricate & Paint- 175x85/150x75mm RS Joist  Fabrication of 175x85/150x75mm RS joist pieces up to 12.5 meters length by welding joint together by means of 50x6mm flat and MS channel on either side including the cost of consumable, Painting of RS Joist on inner phasing with red Oxide before Joining as box pole | SWR10642 | 512.55 | EA | 2050.20 |
| 20 | 2.000 | Ex of Hard pit w/o blast 0.75X0.9X1.95M  Excavation of pits in hard rock not requiring blasting. (In hard murram / rock boulders) 11 Mtrs PSCC Poles/ Box poles 0.75 M x 0.9 M x 1.95 M | SWR11040 | 990.68 | EA | 1981.36 |
| 21 | 2.000 | Erection of 9/10/11Meter Box pole  Erection of pole in position, aligning and setting to work, fixing of cross arms and top clamps, earthing of supports, back filling with earth and stones properly ramming including transport of materials from road side to location excluding pit excavation, for RS Joist, Rail poles Supply & Fabrication of bottom plate with 6mm thichness and for Box poles Supply & Fabrication of Top & Bottom plate with 6mm thichness Box pole 9/10/11 Mtr | SWR11266 | 2643.83 | EA | 5287.66 |
| 22 | 0.150 | Fabrication of struc.with welding.  Fabrication of Main and Auxiliary structures with welding using raw steel such as RS joist, M.S.Angles, Plates, Channels, including the supply and fabrication of 6mm base plate to the RS-Joist poles excluding cost of Mild Steel and transport charges to substation site, including erection. | SWR10869 | 3426.00 | TO | 513.90 |
| 23 | 1.150 | Alligning the Main/Aux. structures.  Alligning the Main and Auxiliary structures such as RS joist, M.S.Angles, Plates, Channels, Structure to zero level duly leveling in prefabricated MS frames with Hydraulic jacks before galvanising/ fabrication. | SWR10867 | 1470.00 | TO | 1690.50 |
| 24 | 1.150 | Sup Material for 1st coat Al. Painting.  Painting of sub-station structures with two coats of Aluminium paint using Aluminium paint 1st grade containing 3.6 kg of Aluminium paste for 18 liters of thinner 1st coat is to be applied before erection of sub-station structures and 2nd coat after stringing and half round welding including cost of paint, cost of brushes, labour charges etc., complete.  Supply of material cost for First coat of 1st Grade Aluminium Paint, brushes etc. | SMR40009 | 2181.00 | TO | 2508.15 |
| 25 | 1.150 | Sup Material for 2nd coat Al. Painting.Painting of sub-station structures with two coats of Aluminium paint using Aluminium paint 1st grade containing 3.6 kg of Aluminium paste for 18 liters of thinner 1st coat is to be applied before erection of sub-station structures and 2nd coat after stringing and half round welding including cost of paint, cost of brushes, labour charges etc., complete.Supply of material cost for First coat of 1st Grade Aluminium Paint, brushes etc. | SMR40010 | 1293.00 | TO | 1486.95 |
| 26 | 1.150 | Labour for 1st coat Al. Painting.  Painting of sub-station structures with two coats of Aluminium paint using Aluminium paint 1st grade containing 3.6 kg of Aluminium paste for 18 liters of thinner 1st coat is to be applied before erection of sub-station structures and 2nd coat after stringing and half round welding including cost of paint, cost of brushes, labour charges etc., complete.  Labour charges for painting including scratching and cleaning of Sub-station structures of 1st coat of Aluminium | SWR10877 | 851.00 | TO | 978.65 |
| 27 | 1.150 | Labour for 2nd coat Al. Painting.  Painting of sub-station structures with two coats of Aluminium paint using Aluminium paint 1st grade containing 3.6 kg of Aluminium paste for 18 liters of thinner 1st coat is to be applied before erection of sub-station structures and 2nd coat after stringing and half round welding including cost of paint, cost of brushes, labour charges etc., complete.  Labour charges for painting including scratching and cleaning of Sub-station structures of 2nd coat of Aluminium | SWR10879 | 482.00 | TO | 554.30 |
| 28 | 4.000 | Numbering of poles incl. cost of paint | SWR10378 | 32.00 | EA | 128.00 |
| 29 | 2.000 | Supply and ere Straight line Asmbly kits | SWR10672 | 1661.00 | EA | 3322.00 |
| 30 | 2.000 | Supply and ere Angle line Asmbly kits | SWR10673 | 2124.00 | EA | 4248.00 |
| 31 | 2.000 | Supply of Suspension Clamp Assembly & Eye Hook-M | SMR11492 | 65.00 | EA | 130.00 |
| 32 | 2.000 | Horizontal Cut point for 33 KV line  Formation of Cut point for 33 KV Single Circuit line excluding pole erection and stays | SWR10981 | 1791.12 | EA | 3582.24 |
| 33 | 3.000 | Formatn of Horiz Cut point for 11KV line  Formation of Cut point for 11 KV Single Circuit line excluding pole erection and stays | SWR10653 | 1435.81 | EA | 4307.43 |
| 34 | 0.100 | Stringing of AB cable 3x70 + 1x16 + 1x50 | SWR10666 | 8450.00 | KM | 845.00 |
| 35 | 6.000 | S-of 11KV AB cable end kits  Supply of 11KV 3x185+70sq.mm/ 3x70+70sq.mm/3x35+35sq.mm AB cable end Kits | SMR11504 | 950.00 | SET | 5700.00 |
| 36 | 6.000 | End Termnatn of AB cable 120 to 185 Sqmm | SWR10667 | 800.00 | EA | 4800.00 |
| 37 | 2.000 | Supply and erection of T-Branch kit | SWR24971 | 3215.00 | EA | 6430.00 |
| 38 | 2.000 | Earth-11KV 3x185+1x75 AB Cb-GIStrip&Pipe | SWR20612 | 500.00 | EA | 1000.00 |
| 39 | 18.000 | S-Earthing GI flat 25x3 mm incl material  Supply of earthing pipe with materials Supply of GI Flat 25X3 mm | SMR11485 | 105.00 | KG | 1890.00 |
| 40 | 2.000 | ERECT. OF LINES-Providing of earthing  Providing of earthing with excavation of earth pit (0.6 x0.6x2.4 Mts.) duly filling with bentonite, earth , running of earth wire etc., complete, including cost of bentonite and excluding cost of RCC collar of size 0.75M dia x 0.5 M height | SWR10357 | 1234.20 | EA | 2468.40 |
| 41 | 2.000 | ERECT. OF LINES-Providing of RCC collar  Providing of RCC Collar guarding to the existing earth pits with damaged masonry including dismantling and removing of existing masonry and fixing the RCC collar of 0.60 M dia X 0.50 M height | SWR10359 | 386.00 | EA | 772.00 |
| 42 | 30.000 | Run-GI Earth Flat 25x3mm from metallic p  Running of GI eartn flat of size 25X3mm from all metallic parts of channels, AB Switch, HG fuse set, DTr neutral and LT Distribution box and inter connection of earth pits etc complete | SWR12125 | 14.03 | M | 420.90 |
| 43 | 6.000 | Supply of 120 Sqmm Aluminium lugs | SMR40132 | 12.52 | EA | 75.12 |
| 44 | 20.000 | Supply of MS bolts & nuts and washers etc of all sizes | SMR11487 | 91.25 | KG | 1825.00 |
| 45 | 2.000 | S-GI pipe earthing 40mm dia 2m long  Supply of GI eath pipe with 40 mm dia,3mm thcikness with 2.0 MLength | SMR11480 | 698.00 | EA | 1396.00 |
| 46 | 2.000 | CAD Drawing per pole upto 10KM | SWR12104 | 6000.00 | LS | 12000.00 |
| 47 | 2.000 | Dismantling of Spun poles 12.5 Mtrs / 12.9Mtrs PSCC  Dismantling of Damaged Poles, not required and available in the middle of roads, transporting to stock point etc. | SWR11328 | 2115.00 | EA | 4230.00 |
| 48 | 1.000 | Dismantling of Box pole 9/10/11 Mtr  Dismantling of Damaged Poles, not required and available in the middle of roads, transporting to stock point etc. | SWR11329 | 1130.00 | EA | 1130.00 |
| 49 | 1.000 | Dismantling of 9.1 M long PSCC pole  Dismantling of Damaged Poles, not required and available in the middle of roads, transporting to stock point etc. | SWR11320 | 948.09 | EA | 948.09 |
| 50 | 0.120 | Dismantling of 100 Sqmm conductor SC | SWR22063 | 8274.75 | KM | 992.97 |
| 51 | 0.080 | Dismantling of 11KV AB Cb 3x185+70Sqmm | SWR12161 | 18972.00 | KM | 1517.76 |
| 52 | 0.350 | TRANSPORT OF STEEL 10 TO 20KM  Transport of iron materials such as R.S. Joists, Rail Poles, fabricated supports, steel, iron, flat, M.S. Channels etc., by lorries. (excluding of loading & unloading ) Above 10 KM and upto 20 KM | SWR10132 | 412.09 | TO | 144.23 |
| 53 | 0.049 | LOADING of ACSR conductor scrap | SWR10257 | 491.06 | TO | 24.06 |
| 54 | 0.049 | UNLOADING of ACSR conductor scrap | SWR10575 | 491.06 | TO | 24.06 |
| 55 | 0.192 | LOADING of MS Scrap | SWR10258 | 578.00 | TO | 110.98 |
| 56 | 0.192 | UNLOADING of MS Scrap | SWR10576 | 578.00 | TO | 110.98 |
| 57 | 0.109 | Loading of Cable scrap | SWR11174 | 495.05 | TO | 53.96 |
| 58 | 0.109 | Un-loading of Cable scrap | SWR11177 | 495.05 | TO | 53.96 |
| 59 | 1.000 | Dismantlling of 8.0 m long PSCC pole  Dismantling of Damaged Poles, not required and available in the middle of roads,transporting to stock point etc. | SWR11319 | 501.53 | EA | 501.53 |
| 60 | 0.150 | Stringing of 55sqmm 33/11kv Line 3 Cond  Paving out and stringing of conductor by providing temporary stays, tensioning, sagging correctly, fixing strain points, transferring to pin points binding, keeping stifner, rectification of poles, guys and jumpering etc., including transport of material from road side to location.55 Sqmm Single Circuit (3 Conductors) | SWR10365 | 9,454.80 | kM | 1418.22 |
| 61 | 0.030 | Restringing of LT AB Cable(3 x 16+25 sqmm) | SWR12146 | 2,560.00 | kM | 76.80 |
| **Total Amount** | | | | | | **583342.25** |
| **GST 18%** | | | | | | **105001.60** |
| **Schedule Amount** | | | | | | **688343.85** |

FOOT NOTE (Schedule A)

TENDER NOTIFICATION No. Sp. No. 01/2025-26 of DE/MP/WCGH Division/ RR Circle

**Name of the work: -**

Shifting of 2No. Spun poles, 1no 9.1m PSCC pole, 33kV SCOH conductor, 11kV AB cable, LT AB cable from Government ZPHS School Gachibowli to Canara bank & 1No. Box pole at P24 beside KGN Xerox shop in Gachibowli-Kondapur road in Master plan-Sub division-1 of WCGH Division in RR Master plan Circle.

**Estimated value of contract: - Rs. 5,83,343**/- (Excluding GST) (Five Lakhs Eighty Three Thousand Three hundred and Forty Three Rupees only) and Rs. **6,88,344**/-(Incl GST)( Six Lakhs Eighty Eight Thousand Three Hundred Forty Four Rupees only)

I/ We …………………………………………………………… do hereby

Express my/ our willingness to execute the aforesaid work as per the conditions, standards, specifications, rules and regulations etc., stipulated in the Tender Schedules

1) The estimated value of the contract Rs. /- (Rupees ………………………………………………………………………………………………………………………………..only)

(or)

2) An overall tender percentage of *excess over* (in figures …………………….. And in words

…………………………………………………..) the estimated value of the contract.

(or)

3) An overall tender percentage of *less than* (in figures …………………….. And in words

…………………………………………………..) the estimated value of the contract.

(Clearly strike out whichever is not applicable)

Conditions:

1. The percentage quoted shall be up to a maximum of the decimals and shall be written clearly in figures and words. In case of discrepancy between the percentage quoted in figures and words the percentage quoted in words will prevail.
2. In case contractor quotes % only in words and does not quoted in figures or vice versa, such tenders shall be treated as incomplete and rejected.

Signature of the Tenderer Divisional Engineer Electrical,

**With SEAL Master Plan, WCGH, RR**

**Kukatpally, Hyderabad.**

**TGSPDCL.**