



NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA
LIMITED

SHORT TENDER NOTICE NO. 01/ 2018-19 OF SE/OP/JANGAON.


WITH SPECIFICATION Nos. 01 to 04 / 2018-19.

Sealed tenders are invited from TSNPDCL registered contractors of Warangal District for Sub-Division wise works in Jangaon Circle. The details of works can be obtained from our website www.tsnpdcl.in

The important dates of tender are :

- 1) Last date of sale of tender schedule : 18-07-2018 up to 17:00 hrs.
- 2) Submission of sealed tenders : 19-07-2018 up to 13:00 hrs.
- 3) Opening of tender schedules : 19-07-2018 at 16:00 hrs.

The Tender schedules are to be purchased on above dates from O/o. Superintending Engineer, Operation, TSNPDCL, Jangaon payable at Jangaon on payment of Rs. 1050-00 (inclusive of GST) in shape of Demand Draft in favour of Accounts Officer, Circle Office, TSNPDCL, Jangaon.


Superintending Engineer,
Operation Circle, Jangaon.



**NORTHERN POWER DISTRIBUTION COMPANY OF
TELANGANA LIMITED**

**OFFICE OF THE
SUPERINTENDING ENGINEER
OPERATION CIRCLE, JANGAON**

Tender Notice No. 01 / 2018-19

Specification Nos. SE/OP/JGN : 01 to 04/ 2018-19

Specification No. SE/OP/JGN : _____ / 2018-19

Tender Document for _____

_____ in Operation Circle Jangaon.

(The Specification contains _____ pages including the cover page)

Issued to:

M/s. _____.

_____.

_____.

**Superintending Engineer,
Operation Circle, Jangaon.**

NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED**TENDER NOTICE No. 01/ 2018-19 of SE/OP/JGN.****Specification No. 01 to 04 / 2018 -19.**

1) Sealed tenders are invited by Superintending Engineer, Operation, Jangaon from registered contractors of NPDCL, for the following works, who are having valid Electrical License along with valid registration with NPDCL and having experience in respective field of works, who are interested, can have tender schedules by making payment of Rs. 1050-00 towards specification cost, drawn in form of DD in favour of Accounts Officer, Circle Office, NPDCL, Jangaon from 16-07-2018 to 18-07-2018. Filled tenders will be received & opened on 19-07-2018 at Circle Office, Jangaon.

2. Name of the work, Amount of Bid Security to be paid and Cost of Tender schedule :

Specificati on No.	Name of the Work	Cost of work (Approx.) in Rs.	Spec. cost per each	Bid Security @ 2% to be paid
01 / 18-19	Works in Jangaon sub-division	15.00 lakhs	1050-00	30,000-00
02 / 18-19	Works in Devaruppula sub-division	15.00 lakhs	1050-00	30,000-00
03 / 18-19	Works in Ghanpur sub-division	15.00 lakhs	1050-00	30,000-00
04 / 18-19	Works in Palakurthy sub-division	15.00 lakhs	1050-00	30,000-00

Conditions :- (1) The tenderer shall not quote more than scheduled rates present in vogue.

- 3) Last date of receipt of tender : 19-07-2018 up to 13:00 hrs.
4) Date of opening of tender : 19-07-2018, 16:00 hrs.

Signature of Bidder / Tenderer

***Superintending Engineer,
Operation Circle, Jangaon.***

5) Tender covers should have following superscription on the tender cover in addition to the Name & Address of tenderer. Covers not containing those superscriptions will be returned un-opened.

- I. Tender Notice No. : 01 / 2018-19
- II. Tender Specification Number : SE/OP/JGN/ / 2018-19.
- III. Name of the work : _____
- IV. Cost of Tender schedule Rs. 1050-00 : D.D. No. _____
Date: _____,
Amount _____
- V. Bid Security : DD No. _____, dt:
Amount _____
- VI. Validity period : 120 days
- VII. NPDCL terms and conditions accepted : YES / NO.

6) **The Sealed tenders without super scribing the above details on the cover will be rejected and returned.**

The Superintending Engineer, Operation, NPDCL, Jangaon reserves the right to reject any or all the tenders without assigning any reasons therefore

Note:

- I. The tenders should submit income tax clearance certificate / income-tax return copy before the first bill failing which the bill will not be released.
- II. No part of the work should be sublet.
- III. Bid security will be forfeited, if the tenderer do not turn up for agreement within 15 days from date of acceptance

7) Sale of Tender Schedule: Tender Schedules will be sold to eligible Contractors/ Agencies/ on their request if they furnish Xerox copies of following documents with their written representation along with cost of Tender schedule on or before 18-07-2018 up to 17:00 hrs. For further details visit NPDCL website www.tsnpdcl.co.in

8) Valid 'A' grade Electrical License (not less than 33KV) issued by CEIG of Hyderabad.

9) Valid enrolment in the Corporate Office of NPDCL for the said work with his/her SAP vendor number.

10) The cost of Tender schedule at **(Rs. 1000-00 + GST Rs.50-00 = Rs.1050-00)** each in the shape of DD, drawn in favour of Accounts Officer, Circle Office,TSNPDCL, Jangaon in any schedule Bank, payable at Jangaon.

Signature of Bidder / Tenderer

***Superintending Engineer,
Operation Circle, Jangaon.***

11) Sealed tenders will be received specification wise for the above works by Superintending Engineer, Operation at Circle Office, Jangaon up to 13:00 hrs on 19-07-2018 and they will be collected & opened on the same day evening at 4:00 PM by Superintending Engineer, Operation in the presence of Contractors or their authorized representatives.

The sealed tenders received after due date and time will be summarily rejected and returned without opening them.

Tenders must be submitted in sealed covers in prescribed filled formats along with the attested Xerox copies of the required certificates and should be addressed to the Superintending Engineer, Operation, Jangaon with the above stated superscription otherwise they will be rejected and returned without any consideration.

12) **Bid Security** :- 2% of Estimated value, shown against the each work, in the list of works, should be paid as bid security. The tender not accompanied by demand draft, (equivalent to the value of bid security) shall be rejected. Cheques will not be admitted towards Bid Security under any circumstances.

13) Tender, once made and which is under consideration whether it is opened or un-opened, will not be allowed to withdraw.

14) The Contractor / agency whose tender is under consideration for awarding the work, shall attend the O/o. Superintending Engineer, Operation, Jangaon on or before the date specified by written intimation to him. If the Contractor fails to attend the office he will lose the opportunity and the next lowest Tenderer will be negotiated.

15) If the date fixed for receiving & opening the tenders, happened to be a holiday or if any inconvenience happened the date will be shifted to next working day.

16) The tenderers or their authorized representatives are expected to be present at the time of opening the tender.

17) If at least 3nos. eligible tenders are not appeared for any specification, it will not be opened and the date of opening of tender will be postponed for atleast one week for inviting more tenders for particular works. If no more tenders are received even after postponement, again the date will be postponed second time. On the date, which the tenders will be postponed on second time, the earlier received tenders will be opened without expecting further tenders. However the Superintending Engineer / Operation / Jangaon reserves the right to reject or to negotiate with the Tenderers if they quoted un-permissible rates.

Signature of Bidder / Tenderer

*Superintending Engineer,
Operation Circle, Jangaon.*

18) Normally, the tender received will be finalized within a period of 120 days from the Date of opening of tenders. Whether the tenders opened or unopened the decision regarding disposal of tenders will be taken at any time within the said period.

19) During the above mentioned period no plea by the Tenderer for any sort of modification of the tender based upon or arising out of any alleged or misunderstanding, Misconception or mistake or for any reasons will be entertained.

20) The Bid Security Deposit will be refunded to unsuccessful tenderers on application, after finalization of tender. In case of the successful tenderer it will be adjusted in security deposit which will not carry any interest.

21) When a tender is to be accepted, the tenderer whose tender is under consideration shall attend office of the Superintending Operation Circle Jangaon on the date fixed by Written intimation to him. He / She shall forth with upon intimation being given to him / her by the Superintending Engineer, Operation Circle, Jangaon of acceptance of his / her tender make a security deposit of the amount equal to five percent of the value of his tender, Less Bid Security paid, in the form of a crossed demand draft in favor "Accounts officer, Circle office, NPDCL, Jangaon and sign an agreement in the proper departmental form for due fulfillment of the contract. This security deposit together with the Bid security and the amount with held according to the clause 68 of the standard preliminary specification of APDSS shall be retained as security for due fulfillment of this contract and such deposit will not bear interest. Failure to attend, on the date fixed by Superintending Engineer / Operation Circle / Jangaon in the written intimation for entering into the required agreement or to make the security deposit defined in this paragraph shall entitle forfeiture of the Bid security. The written agreement is to be entered into between the contractor and NPDCL, the cost of the stamp paper (Rs 100/-) on which the agreement is to be entered into shall be, to the account of the contractors.

22) When a successful tenderer does not turn-up for concluding agreement within specified time Intimated, the Bid security paid by him / her will be forfeited and next lowest tenderer will be negotiated.

23) The tender should quote percentage less / excess for total cost of work. The rate should be written legibly both in words and figures and units in words.

23) When a successful tenderer does not turn-up for concluding agreement within specified time Intimated, the Bid security paid by him / her will be forfeited and next lowest tenderer will be negotiated.

24) The Tenderer should work out his own rates, without reference being made to the NPDCL estimated rates or any department of state / central government, current schedule of rates.

Signature of Bidder / Tenderer

***Superintending Engineer,
Operation Circle, Jangaon.***

25) No part of the contract shall be sub-let without the written permission of the Superintending Engineer, nor shall transfer be made by power of attorney, authorizing others to receive payment on the contractors behalf.

26) If, further necessary information is required, the Superintending Engineer, Circle Office, Jangaon will furnish such information, but it must be clearly understood that tenders must be received in order and according to instructions

27) The Tenderers who are having bad performance record previously should not be entertained. Hence they need not participate in tenders.

30). Tenders containing absurdly high or absurdly low rates are liable for rejection (Not more than schedule rates and not less than (-) 10%).

28) **Tenderers should know that the rates, which are to be quoted by them, should be exclusive of GST.**

29) The Superintending Engineer, Operation, Jangaon reserves the right to reject any or all the tenders Without assigning any reasons thereof.

30) The tenderer should Sign his/her Signature at the bottom of every page of tender document.

31) The Officer will not responsible of any kind of postal delay or non receipt of tenders sent through post, Telegraphic offers will not be accepted.

32) The disputes arising out of this contact if any have to be settled in the court of Jangaon only.

33) Any hindrance or stoppage of work due to non-availability of labour by the tenderer, the tenderer will be held responsible and liable for levy of penalty at the description of competent authority.

34) Retention amounts will be deducted from each and every running part bill of the tenderer and the same will be released at the time of final bill.

35) The tenderer shall be responsible for any damages to property or personal the NPDCL or other agency arising out of earless and negligence on the part of himself or him employees or him authorized agent.

36) The tenderer will be held responsible for any loss or damage to property entrusted to him.

37) The tenderer should prepare his own bills in triplicate to be accompanied by copies of transport noted duly acknowledged by the officer in charge of materials and send the same to the Asst. Engineer / Asst. Divisional Engineer concerned in charge for check and arranging payment.

38) The tenderer shall always be present at site or keep responsible persons on his behalf for adequate supervision of the works carried out under this contract and to take instructions from the officer in charge. The tenderer should nominate his authorized agent and intimate the same to the officer in charge in writing for issuing day to day instructions.

Signature of Bidder / Tenderer

*Superintending Engineer,
Operation Circle, Jangaon.*

- 39) The tenderer is responsible for the proper behavior of the labour employed by him. The department reserves the right of to made deductions from the bills of the tenderer or take such other suitable for the damage caused to the departmental property by the labour.
- 40) The tenderer shall make their own arrangements for alternate tools plant required for execution of the work.
- 41) The tenderer shall erect at the work site goods stores shed and all the material issued for the work by the NPDCL shall be kept safe in such sheds. All required facilities shall be accorded by the tenderer to the NPDCL's officers for inspection and checking of the stores and their accounts at any time and if during the course of such inspection and checking, found that materials have been used for works other than for TSNPDCL the concerned Divisional Engineer, Operation is authorized to take necessary action.
- 42) Income tax deductions from bill will be effected as per standing rate of the Income Tax department.
- 43) If the contractor has received any over payments by mistake or if any amounts is due to the NPDCL due to any reason when it is not possible to recover such amounts under the contract resulting out of this specification, the TSNPDCL reserves to collect the same from any amounts and any other bills given by the contractor due to or with the TSNPDCL.
- 44) The selection of works to be taken up by the contractor is at the discretion of the Divisional Engineer, Operation, concerned only.
- 45) The letter of acceptance for awarding of work for contractor will be issued by the concerned DE based on the recommendation of the Asst. Divisional Engineer, Operation concerned or discretion of Divisional Engineer, Operation concerned.
- 46) The contractor has to furnish Letter Of Acceptance having taken up the work before execution.
- 47) The Divisional Engineer, Operation is empowered to entrust the work to other contractor for which Letter Of Acceptance was already entered by the contractor with department and if the performance of the contractor found to be not satisfactory or work not taken by him.
- 48) Part bill will be accepted for one work / WBS No. after completion of said work in full shape. Payments will be done after completion of work.
- 49) This schedule includes the works other than DNRD i.e., TSIPASS, AGL & New service connections.
- 50) Depending on the No. of sections 2 contractors may be awarded works in a Sub-Division.
- 51) The SSR rates which are not mentioned in the schedules will also be concerned based on the items covered in the estimate and with consent of the Divisional Engineer, Operation concerned.
- 52) The Divisional Engineer, Operation, is empowered to award any work on nomination basis to other contractor apart from the works awarded to the contractor through this tender.

Signature of Bidder / Tenderer

*Superintending Engineer,
Operation Circle, Jangaon.*

TENDER SPECIFICATION No. / 2018-19 of SE/OP/JGN.

CERTIFICATE

I / We have gone through all the Terms and Conditions of the Specification mentioned in tender document and submitted tender herewith duly accepting all the terms and conditions laid down therein.

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

TENDER

The Superintending Engineer,
Operation Circle, Jangaon

Sir,

I/ We do here by tender and if this tender be accepted undertake to execute the work under **Specification No. / 2018-19 of Tender Notice No. 01/2018-19** as shown in the drawings (Sketches), approved by competent authorities of NPDCL and I agree to do the work if any changes are made as per requirement by way of alterations or additional to and omissions from the said works

I/We here by distinctly and expressly declare and acknowledge, that before the submission of my our Tender. I/We have carefully followed the instructions in the tender notice and have read all the terms & conditions, pertains to the works. I/We thoroughly understand the intention of the work and its requirements, covenants, agreements, stipulation and restriction contained in the contract and distinctly agree that, I/We will not here after make any claim or demand against the NPDCL, based upon or arising out of any alleged misunderstanding or misconception or mistake or my /Our part of the said requirement covenants, agreements, stipulation restriction and conditions.

I/We, enclosed here with a crossed demand draft for the payment of the sum of Rs. _____ (Rupees _____) as Bid Security, not to bear interest, drawn in favour of Accounts Officer, Circle Office, NPDCL, Jangaon.

If my/our tender is not accepted, this sum shall be returned to me/us, an my/our application when intimation is sent to me/us of rejection or at the expiration of two months after the last date prescribed for the receipt of the tenders, whichever is earlier. If my/our tender is accepted, the Bid Security shall be retained by NPDCL as security for the due fulfillment of the contract. If upon written intimation to me us by the Superintending Engineer/ Operation Circle/Jangaon. I/We, fail to attend the said office in the date there in fixed or if upon intimation being given to me/us by the Superintending Engineer/ Operation Circle/Jangaon of acceptance of my/our tender, I/We, fail to make the additional security deposit or to enter into the required agreement as defined in clause of the tender notice, then, I/We agree to the forfeiture of Bid Security. Any notice required to be served on me/us hereunder shall be sufficient served on me/ us, if delivered to me/us personally or forwarded to me/us by post (Registered or ordinary) or left at my/ our address given herein. Such notice shall if sent by post be deemed to have been served. On me/us at the time when in due course of post it would be delivered at the address to which it is sent.

I/We agree to keep the offer in this tender valid for a period of 120 (One Hundred and Twenty) days maintained in the tender notice are not to modify the whole or any part of it for any reason within the above period. If the tender is withdrawn by me/us for any reason whatsoever the Bid Security deposited by me/us will be forfeited to NPDCL.

I/We fully understand that the written agreement to be entered into between me/us and the NPDCL shall be the foundation of the rights of both the parties and the contract shall not be deemed to be completed until the agreement has first been signed by me/us and then by the proper officer authorized to enter into contracts on behalf of the NPDCL.

I am /we are professionally qualified, my /our qualifications are given below)

" I / We will employ the following technical staff for supervising the work and will see that one of them is always at site during working hours, personally checking all items of works and paying extra attention to such works as required special attention.

Signature of Bidder / Tenderer

SCHEDULE OF RATES

I) Excavation Rates:

S.No.	Particulars	Unit	Rates
1	Excavation of pit in all soils except hard gravel, hard morrum, disintegrated rock and hard rock requiring blasting.		
	a) 2'.6"x2'.0"x5'.0"	Pit	515.00
	b) 2'.6"x2'.0"x6'.0"	Pit	618.00
	c) 3'.0"x3'.0"x9'.0"	Pit	990.00
2	For excavation in hard gravel or hard morrum add 20% extra to the above rates.		
3	For excavation of pits in disintegrated rock, add 40% extra to the above.		
4	Whenever excavatioin is to be done in hard rock by blasting, a rate of 6.00 Cft is to be given.	Cft	65.00
5	Whenever excavatioin is to be done in;		
	a) Water logged area where there is knee deep of water above ground level.		
	b) Heavy marshy location requiring shorting and suttering.		
	c) In sand dune where the sides of the pit collapse easily.		
	d) In paddy filed with water 20% extra to the rate of (1) may be adopted .		
	SPECIAL NOTE: However this item (5) need not be entered in the tender schedule initially and this is to be entered as a special rate only after the locations are inspected by the Divisional Engineer and amount extra payable is worked out.		
6	10% extra over basic rates on labour is allowed into the following industrial areas upto a Radius of 20 KM beyond panchayat /Municipal limits of the places mentioned below.		
	a) Warangal and Kamalapur in Warangal Dist.		

II) LABOUR CHARGES FOR LOADING AND UNLOADING INCLUDING STACKING OF VARIOUS MATERIALS

SI No	Description	Unit	Loading charges	Unloading Charges	Loading & Unloading charges
1	9.1 m long PSCC poles.	each	140.40	62.40	202.80
2	8.0 M long PSCC poles	each	62.40	31.20	93.60
3	RCC base plates	each	6.50	2.60	9.10
4	Distn. Transformer including Movement of transformers up to 20 mts.				0.00
i)	Singlr Phase Transformers	each	70.20	54.62	124.82
ii)	16/25 KVA DTRs	each	132.60	117.00	249.60
iii)	63/100 KVA DTRs	each	187.20	156.00	343.20
iv)	160 and above capacity	each	312.00	218.40	530.40
5	33/11KV . VCB /OCB including local movement including CTs land panel complete				0.00
i)	33 KV	each	780.00	780.00	1560.00
ii)	11 KV	each	670.80	670.80	1341.60

SI No	Description	Unit	Loading charges	Unloading Charges	Loading & Unloading
6	Conductor drums of all sizes	per drum	93.60	54.60	148.20
7	Un winding of conductor and weighing.	KM	39.00	0.00	39.00
8	Cement at other than Railway Station	MT	78.00	78.00	156.00
9	Cement at Railway Station	MT	39.00	39.00	78.00
10	Steel materials	MT	93.60	70.20	163.80
11	4mm H.T. steel wire	MT	101.40	62.40	163.80
12	33KV Insulators and Discs.	100Nos	62.40	62.40	124.80
13	11KV Insulators and Discs	100Nos	39.00	39.00	78.00
14	L.T. Insulators and Shackles HT & LT Guy insulators	100Nos	15.60	15.62	31.22
15	RS. Joists 175x85 mm	each	54.60	46.80	101.40
16	Rail poles				0.00
a)	90 Lbs.	each	93.60	59.80	153.40
b)	105 Lbs	each	93.60	59.80	153.40
17	Rs Joists 150x75mm and all other sizes	each	39.00	28.60	67.60
a)	R.S. Joists 150x150mm	each	78.00	39.00	117.00
18	Copper scrap	MT	187.20	156.00	343.20
19	Alluminium scrap	MT	187.20	156.00	343.20
20	Iron scrap	MT	101.40	70.20	171.60
21	HT steel wire scrap	MT	156.00	93.60	249.60
22	Transformer oil barrel, with oil	each	39.00	20.80	59.80
23	Transformer oil empty drum	each	10.40	5.20	15.60
24	11KV controlling panels when received independently	each	54.60	54.60	109.20
25	11KV Metering set (CT & PT)	each	70.20	70.20	140.40
26	33KV CT and PT	each	61.00	61.00	122.00
27	33KV AB switches with posttype insulatgors.	each	54.60	46.80	101.40
28	1KV A.B. switches	each	23.40	20.80	44.20
29	G.I. Earth pipes	100 Nos	54.60	46.80	101.40
30	C.I. Earth pipes	100 Nos	156.00	109.20	265.20
31	Maniala Rope	100Kgs	23.40	18.20	41.60
32	33/11 KV LAs	Each	39.00	39.00	78.00
33	11KV line LA	Each	3.25	3.25	6.50
34	H.T. Hardware	100 sets	39.00	20.80	59.80
35	L.T. Hardware and CI Knobs	100sets	15.60	13.00	28.60
36	33KV Cross arms	100 Nos	195.00	156.00	351.00
37	11KV Crossarms	100 Nos	93.60	62.40	156.00
38	L.T. 3 phase cross arsms	100 Nos	52.00	41.60	93.60
39	L.T. Single phase crossarms	100 sets	18.20	15.60	33.80
40	M.S. Stay sets	100 sets	39.00	31.20	70.20
41	back clamps	100 sets	20.80	14.30	35.10
42	stay clamps	100 sets	20.80	14.30	35.10
43	stay wire and G.I. Wire	MT	54.60	46.80	101.40
44	S-Ph and 3-Ph meters	100Nos	117.00	117.00	234.00
45	P.P. Boxes /B,Type box	each	9.10	7.80	16.90

SI No	Description	Unit	Loading charges	Unloading Charges	Loading & Unloading
46	100 Amps to 300 Amps fuse units	each	1.30	1.30	2.60
47	M.S. Bolts and Nuts	Each bag of 50 Kgs	5.20	5.20	10.40
48	Fencing posts	Each	15.60	7.80	23.40
49	Earth tubs	Each	5.20	3.12	8.32
50	H.G, fuse sets complete with solid core insulator & accessories set	Set	7.80	7.80	15.60
51 (a)	XLPE under ground cable drum of all sizes for 95 & 185mm.	each	624.00	312.00	936.00
51 (b)	XLPE cable lossed winding cutting and loading for each piece	each	187.20	109.00	296.20
52 (a)	XLPE under ground cable drum of all sizes for 35& 50mm.	each	499.20	249.60	748.80
52 (b)	XLPE cable lossed winding cutting and loading for each piece		195.00	101.40	296.40
53	Open wiring materials per set				0.00
	a) Single feeder	Per set	7.80	4.68	12.48
	b) Double feeder	Per set	14.04	6.24	20.28
54	LT PVC Cable 120 sq.mm	Mtrs	0.86	0.00	0.86
	90Sq.mm	Mtrs	0.86	0.00	0.86
	70Sq.mm	Mtrs	0.86	0.00	0.86
	50Sq.mm	Mtrs	0.86	0.00	0.86
55	LT PVC cable drum (all sizes)	Per drum	109.20	62.40	171.60
56	Codification of DTR code including cost of paint black base and white No. including Labour charges	Per DTR	18.20	0.00	18.20
Note : The above Loading and un loading when lifted by filed people will not be applicable for piecemeal					

JUNGLE CLEARANCE

S.No.	Particulars	Unit	Rates
1	a) Clearing of Heavy jungle	10 sq.M	21.00
	b) Clearing of sarkar thumma	10 sq.M	19.00
2	Clearing of light jungle	10 sq.M	15.00
3	Clearing of shrub jungle	10 sq.M	8.00
4	Cutting of tree branches in existing line and transport to unused places	1 Mtr Span length	12.50
ERECTION OF LINES			
I) 33 KV LINES			
a)	Reconnoitry survey and fixing of the route including the data for PTCC proposals	K.M.	
b)	Detailed survey including angle points and peg marking preparation of pole schedules and detailed route map	K.M.	730.00
C ERECTION			
Fixing of crossarms, top cleats erection of poles complete, alignment including back filling and Transportation of poles from road side to work spot			
a)	9.1 M PSCC Pole / Rail poles / R.S. Joists	Each	2300.00
b)	11 Mts PSCC Pole	Each	3319.00
c)	12 Mts & above Pole	Each	3751.00
D.			
Fixing of bracing sets, channels etc, erection of D.P. sets complete and alignment including backfilling including transport of poles from road side to work spot			
i)	9.1 M PSCC Poles / Rail poles / R.S. Joists	D.P.	4995.00
ii)	11 M PSCC Poles	D.P.	7425.00
E FIXING OF STAYS			
i	Fixing base plates alignment of anchor rod fixing of clamps, trunkle etc., on the pole fixing of guy wire binding security on either side and tensioning including Transport	Each	500.00
F. PAVING & STRINGING OF CONDUCTORS			
Providing temporary stays, jointing of conductor wherever necessary, pavingout the conductor, cutting, tapping, fixing of double sleeve pulleys, staightening and alignment of poles final tensioning and transferring the strung condr from snatch block to insulators including pin binding and jumpering complete, transport of conductor drums to location			
i)	Dog conductor /AAA 100 Sq.M	One KM of three condr.	9500.00
G) EARTHING			
i)	Coil earthing	Each	80.00
ii)	Pipe earthing - GI	Each	850.00
iii)	Pipe earthing - CI	Each	1000.00
(Including cost of coke, sand and salt and excavation of pit) pipe & G.I. wire will be supplied by the Department (or) with bentonate powder			
iii)	Erection of 33 KV.AB switch in existing lines (new)including running of M.S. Flat 50x6mm etc., complete item work	Each	4500.00

H)	NUMBERING OF POLES:	Unit	Rates
a)	(Black and white) a) With paint	Each	32.50
b)	Labour charges for painting of RS Joists of 30 to 35 ft. long with one coat of red oxide paint		
	i) Including cost of paint	Per pole	299.00
c)	Labour charges for painting of R.S. Joists of 30 to 35 ft. long with two coats of Aluminium paint		
	i) With paint	Each	390.00
I)	TACK WELDING OF TOWERS:		
a)	Half round welding	Per bolt	7.80
b)	Full round welding	Per bolt	10.40
J)	Formation of single pole cut point / Vertical formation / D.P. cut point formation for 33 KV. Overhead line	Each	1500.00
II)	11 KV LINES		
1	ERECTION OF POLES		
	Fixing of cross arms, clamps, top fittings, erection, alignment complete including back filling including transportation of poles from road side to work spot		
	a) 8.0 M PSCC pole /R.S. Joists	Each	1423.00
	b) 9.1 Mtrs. PSCC poles	Each	2300.00
2	Fixing of Stays		
	Fixing base plates alignment of anchor rod fixing of clamps, trunckle etc., on the pole fixing of guy wire binding security on either side and tensioning including Transport	Each	490.00
3	ERECTION OF LINE D.P. STRUCTURES		
a)	Excavation of 2 Nos. pits and Erection of 2 Nos. poles and Fixing of top channels bracing sets, erection alignment complete including back filling including Transportation of materials etc., complete item of work		
i)	8.0 M PSCC Poles	D.P. Structure	3144.00
ii)	9.0 M PSCC Poles	D.P. Structure	4995.00
b)	Labour for 11 Kv XLPE cable end termination	Each	1883.00
c)	Erection of CT PT set on existing DP/mounting structure including running of Earth wire and necessary connection etc., complete item of work	Set	1430.00
d)	Excavation of Trench and laying of HT cable (under ground)		
i)	Up to 33 KV. 300 Sq.mm	Per /Mtr	80.00
ii)	Up to 11 Kv. 120 Sq.mm	Per /Mtr	70.00
e)	Labour charges for running of earth wire from A.B. switches, H.G. fuses, Transformer body, Tr. Neutral, distr. Boxes, A.B. switches handle and interlinking of earth wire to earth pits (G.I. Wire will be supplied by Board)	Per Tr. D.P.	585.00
f)	Fixing of roller pulleys on top, transport of drums providing temporary stays, jointing of conductor wherever necessary stays, jointing of conductor wherever necessary pavingout the cond. Cutting tapping fixing of 11 KV strain metal parts, grippers at either ends of poles final tensioning and transferring the strung cond. from snatch block to insulators including pin binding jumpering etc. complete item of work		

		Unit	Rates
i)	34 / 55 Sq.mm conductor	One KM of three conductors	7750.00
ii)	100 Sq.mm conductor	Per conductor	9000.00
iii)	6.3 Kv. Line only	Per conductor	2583.00
g)	Formation of Single pole cut point /vertical formation/DP cutpoint formation for 11 KV overhead lines.	Each	1300.00
4 ERECTION OF DTRs			
i)	Construction of plinth for mounting of DTR of dimensions of 1.2x1.2x2.5mtr. With C.R. masons using C.R. stone of 250 mm CC with 1:3:6 with 12mm, 20mm, 40mm HBG metal sand filling and excavation of earth pit of size 1500x12mmx600mm including shoring shuttering, dewatering the pits before and during the process laying of base cement. (The rates include supply of metal C.R. stone and sand and labour charges but including of cement).	Per Plinth	18000.00
ii)	Construction of plinth for mounting of DTR (star rated 25 / 16 KVA DTRs) of dimensions of 1.0x1.0x2.5mtr. With C.R. masons using C.R. stone of 250 mm CC with 1:3:6 with 12mm, 20mm, 40mm HBG metal sand filling and excavation of earth pit of size 1050x1050x600mm including shoring shuttering, dewatering the pits before and during the process laying of base cement. (The rates include supply of metal C.R. stone and sand and labour charges but including of cement).	Per Plinth	12500.00
iii)	Construction of pillar type DTR plinth for erection of DTR: The foundation of pit for piller type is 1.20X1.20X1.50mts. After excavation of pit is to be filled up with 300mm sand and laying CC(1:4:8) using 40mm HBG metal up to a depth of 300mm. after laying of case concrete the piller is constructed using M20 grade concrete with following dimentions and it is plastered using cm (1:4) of 20mm thick in two coats and painting with snowcem cement for two coats etc. complete. Footing base :1.20X 1.20 X 0.30mts, Pedastal: 0.60 X 0.45 X 0.30 mts, Column: 0.45 X 0.23 X 2.13mts, Beem: 2NoX1.50X0.23X0.30mts, Roof slab: 1.50X1.50X0.115mts. The following steel is to be utilised for mate, column, beems & slabs : for mat 10mm dia, for base 12mm, for column 16mm & 12mm, for stirrups 6mm total of 49.08KG.	Per Plinth	22400.00
	Construction of pillar type for mounting arrangement for erection of CT PT with slab size of 1.0 m x 1.0 m and overall column size of 3.30 mtr. (6' above GL + 5' below) including excavation, R.C.C. footing, cost of steel and centring charges, all labour and in all leads and lifts etc., complete	Per Plinth	9500.00

iv)	Excavation of 3 Nos. earth pit of size 2000x1500x600 mm, erection of GI earth pipe and refilling the pit with bentonite powder and soil with ratio 1:4 and giving No. 8 GI wire connection to the DTR AB switch, HG fuse set, LT Distribution box. The two electrodes should be inter connected with No. 8 GI wire etc., complete item of work		
a)	AB switch (200 A / 400 A Conventional type)	Each	3000.00
b)	AB switch (200 A TT)	Each	1500.00
c)	HT HG fuse set	Each	520.00
d)	LT HG fuse set	Each	416.00
e)	63 / 100 KVA DTR	Each	1000.00
f)	16 / 25 KVA DTR	Each	500.00
g)	160 KVA DTR	Each	1200.00
h)	250 KVA DTR	Each	1400.00
i)	315 KVA DTR and above	Each	1600.00
j)	Erection and assembling of Distribution box complete	Each	1400.00
k)	Excavation of earth pit for GI earth pipe and back filling 2.8 Mtrs (CI Pipe)	Per / Pit	1000.00
l)	Excavation of earth pit for GI earth pipe and back filling 2.5 Mtrs (CI Pipe)		850.00
m)	Erection of 16 / 25 KVA DTR on Single pole mounting structure duly fixing of mounting arrangements (supplied by NPDCL).	Each	1300.00
n)	Erection of 15 KVA DTR on Single pole mounting structure duly fixing of mounting arrangements (supplied by NPDCL).	Each	1000.00
III)	LT lines		
1	Fixing of cross arms, clamps, top fittings, erection, alignment complete including back filling, transportation of poles from road side to work spot		
a)	8.0 Mtrs. PSCC Poles	Each	1422.00
b)	9.1 Mtrs. PSCC Poles	Each	2300.00
5	Stringing of LT lines		
a)	3-ph. 5 W/L	KM	4550.00
b)	3-ph. 4 W/L	KM	3640.00
c)	3-ph. 3 W/L	KM	2730.00
d)	S-ph. 2 W/L	KM	1820.00
e)	LT AB cable 2x16 + 1x25 Sq.mm	KM	2730.00
6	Fixing of Stays		
1	Fixing base plates alignment of anchor rod fixing of clamps, trunckle etc., on the pole fixing of guy wire binding security on either side and tensioning including Transport	Each	440.00
2	Fixing of 3-ph. Cross arms with insulators and shackles	each	100.00
3	Fixing of LT S-ph. Cross arms with shackles and insulators	Each	90.00
4	Fixing of metering arrangements for street lights including laying of PVC cable,		760.00
5	T - Raiser	Each	
a)	LT	Each	250.00
b)	11 KV	Each	400.00
c)	33 KV	Each	500.00
6	Providing of LT open wiring for DTR structure with rabbit/weasel conductor and inserting PVC pipe for insulation wherever necessary duly dismantling the existing LT cables and Distribution box etc., including transport of materials from section office to site and having over of dismantled materials at section office (All the required materials except PVC pipe will be supplied by the department)		
a)	For Single Feeder		700.00
b)	For Double feeder		900.00
c)	Service dis-connection	Each	50.00
d)	Service re-connection per service	Each	75.00

7	CONVERSION OF L.T. LINES	Unit	Rates
a)	Single phase 2 wire line into single phase 3 wire line	Per span	312.00
b)	Single phase 3 wire line into 3 phase 4 wire line	-do-	312.00
c)	Single phase 3 wire line into 3 phase 5 wire line	-do-	546.00
d)	Single phase 2 wire line into 3 phase 5 wire line	-do-	702.00
e)	3-ph. 4 W/L to 3-ph. 5 W/L	-do-	312.00
8	ERECTION OF AB SWITCHES AND LINE MATERIALS		
A)	Erection and fixing of 11 KV. 400 Amps, AB switch	Each Set	3000.00
i)	(conventional type) including necessary jumpering earthing complete item of work		
ii)	Erection and fixing of 11 KV. 200 Amps, AB switch (conventional type) including necessary jumpering earthing complete item of work	Each Set	3000.00
iii)	Erection and fixing of 11 KV. AB switches (TT) including necessary jumpering earthing complete item of work	Each Set	1500.00
iv)	Erection and fixing of 11 KV. CTs including necessary jumpering earthing complete item of work	Each Set	585.00
v)	Erection and fixing of 10 K.A LAS including necessary jumpering earthing complete item of work	Each Set	320.00
vi)	Erection and fixing of 5 KA LAS set including necessary jumpering earthing complete item of work	Each Set	160.00
B)	Erection and fixing of HG fuse set (HT / LT) including necessary jumpering earthing complete item of work	Each Set	520.00 / 416.00
C)	Erection and assembly for Distribution Box completing wiring etc., construction earth pits. Neutral Earth, wiring and providing of jumpering to the Transformer lugs and providing of wooden cleats etc.,	Each	1400.00
D)	Providing of earth pit cement collar (600 MM dia) around the earth pipe	Each	221.00
E)	FOR CONVERSION OF WORKS		
i)	Fixing of 11 KV. Cross arms and insulators each	Each	130.00
ii)	Fixing of Top cleats with insulator LT / HT each	Each	78.00
iii)	Fixing of 33 Kv. V- cross arms	Each	156.00
iv)	Fixing of 33 Kv. Top cleats	Each	98.00
F)	DISMANTLING OF SUPPORTS AND LINES:		
i)	R.s joist, tubular poles	Each	As per Fabrication rates
ii)	Rail poles	Each	
iv)	Dismantling of 33 KV./ 11 KV. Line (Each)	50% of Erection charges if devoluted by length 20% of Erection charges if devoluted by weight	
9	CONCRETING WORKS: (for Stays + R.s. Joists poles)		
1	Base concreting with CC 1:3:6 using 40mm HBG Metal Cement & Sand with cement	Unit	Rate (inRs.)
a)	For dimensions 600 x 600x150mm	Per / Pit	243.00
b)	For dimensions 750 x 750x150mm	Per / Pit	375.00
c)	For dimensions 900 x 900 x150mm	Per / Pit	544.00
2	Mass concreting with C.C. 1:3:6 using 40 mm HBG metal. Cement, & Sand with cement		
a)	For dimensions 600x600x1200mm and coping of 300x300x500mm and moping	Per / Pit	2115.00
b)	As item (a) but for dimensions 600x600x1500mm	Per / Pit	2400.00
c)	As item (a) but for dimensions 600x600x1800mm	Per / Pit	2603.00
3	Concreting of stay pit of dimensions 450x450x 1500 mm C.C. 1:3:6 using 40 mm HBG metal cement and sand and moping above ground level with cement	Per / Pit	1366.00

IV) M.R.T. ITEMS			
S.No.	Particulars	Unit	Rates
1	Painting of PTR at site (including material + labour and transport)		
i)	3.15 MVA	Each	10855.00
ii)	5.0 MVA	Each	12350.00
	8.0 MVA	Each	12935.00
2	Painting of DTR (63 KVA, 100 KVA, 160 KVA, 250 KVA & 315 KVA) at site (including material + labour and transport)	Per DTR	390.00
3	Minor repairs of the DTR at site only labour	Per DTR	234.00
V) RATES FOR TESTING OF SINGLE PHASE AND THREE PHASE NEW & SICK METERS			
S.No.	Description of work	Unit	Rates
1	Replacement of stuck up and burnt meters and fixing of high quality meters including loading and unloading charges at Dist. Stores and LT Meters Lab (Sealing to be done by LI/LM)		
a)	Single phase Meters Each	Urban	92.00
		Rural	92.00
b)	3-Ph Meters Each	Urban	110.00
		Rural	110.00
2	Codification of DP No. on structure including cost fo paint black base and Yellow / White No.	Rural	135.00
		Urban	135.00
3	Labour charges for shifting the meters from inside of house / shop to out side and fixing of each S-Ph meters in box including disconnection and reconnection	Each	225.00
4	Trasport of Cable from Dist. Stores to work spot, dismantling of existing cable and fixing of cable	Per Phase	98.00
		Limited to per DTR	293.00
7	HT meter wiring		
a)	GI Pipe (3 / 4 inch)	Per feet	33.00
b)	GI Pipe (3 / 4 inch) "L" bend	Each	40.00
c)	GI Pipe (3 / 4 inch) Elbow	Each	36.00
d)	3/20 (2.5 Sq.mm) copper wire	Per meter	16.00
e)	Check Nuts for 3 / 4 inch GI pipe	Each	14.00
f)	"M" Seal	Each	36.00
g)	PVC Tape	Each	22.00
h)	Labour charges for fixing of meter, PP Box, TTB, running GI pipe from CT PT to meter box, electricial wiring etc., complete item of work	LS.	700.00
NOTE:			
1)	Bolts and Nuts rates should not be included in the contractor Agreements as there is sufficient stock in the Dist.Stores/Warangal.		
2)	Pole Transportation, Transportation of materials like, conductor, Insulators cross arms etc., should not be included in the Agreements, for any specific works DE/Ops should take necessary approval from the SE office for such item of works.		
3)	Fabrication of materials item should not be awarded in the schedule of rates without specific approval of the SE/Office.		
4)	Any other item not included in the SSR prior approval shell be taken from the SE/Office.		

V) TRANSPORT OF MATERIALS INCLUDING LOADING, UNLANDING WEIGHING, COUNTING AND STACKING AT THE SITE COMPLETE AT BOTH PLACES

A. TRANSPORT OF PSCC POLES 9.1 M, 8.0 M

Sl.No.	Particulars	Now Proposed
i	0 to 16KM	Rs. 324-91 MT subject to a minimum of Rs.3767-18 (for 8.0Mtrs) Rs. 325-86 MT subject to a minimum of Rs. 3767-18 (for 9.1 Mtrs)
ii	Above 16KM and upto 80KM	Rs. 324-92 per MT+Rs. 6-12 MT/KM (for 8.0Mtrs) Rs. 325-86 per MT+ Rs. 6-59 MT/KM (for 9.1 Mtrs)
iii	Above 80KM and upto 160 KM	Rs. 706-34 per MT+Rs. 3-78 MT/KM (for 8.0Mtrs) Rs. 762-85 per MT+ Rs. 4-23 MT/KM (for 9.1 Mtrs)
iv	Above 160KM upto 300 KM	Rs. 1017-14 per MT+Rs. 3-25 MT/KM (for 8.0Mtrs) Rs. 1099-07 per MT+ Rs. 3-25 MT/KM (for 9.1 Mtrs)
v	Above 300 KM	Rs. 1412-69 per MT+Rs. 2-82 MT/KM (for 8.0Mtrs) Rs. 1504-05 per MT+ Rs. 3-37 MT/KM (for 9.1 Mtrs)

B

TRANSPORT OF LENGTHY AND HEAVY MATERIALS SUCH AS R.S. JOINTS RAIL POLES. M.S. CHANNEL, M.S. ANGLE, M.S. FLAT M.S. ROD ETC UPTO 30' LENGTH

		Now Proposed
i	0 to 16KM	Rs. 239-22 MT subject to a minimum of Rs. 3767-19
ii	Above 16KM and upto 80KM	Rs. 239-22 per MT+Rs. 5-93 MT/KM
iii	Above 80KM and upto 160 KM	Rs. 620-64 per MT+Rs. 3-77 MT/KM
iv	Above 160 KM and upto 300 KM	Rs. 919-19 per MT/KM+Rs. 3-25 per MT/KM
v	Above 300 KM	Rs. 1377-85 perMT/KM+Rs. 3-25 per MT/KM

C) TRANSPORT OF LENGTHY AND HEAVY MATERIALS SUCH AS R.S. JOSTS, RAIL POLES M.S. CHANNEL, M.S. ANGLE, M.S. FLAT M.S. ROAD ETC., & ABOVE 30' LENGTH

		Now Proposed
i	0 to 16KM	Rs.319-27 MT subject to a minimum of Rs. 3767-19
ii	Above 16KM and upto 80KM	Rs. 319-27 MT subject to a minimum of Rs. 6-12
iii	Above 80KM and upto 160 KM	Rs. 718-59 MT subject to a minimum of Rs. 4-14
iv	Above 160 KM and upto 300 KM	Rs. 1046-34 MT subject to a minimum of Rs. 3-77
v	Above 300 KM	Rs. 1543-61 MT subject to a minimum of Rs. 4-14
	% Less quoted by Contractor	
	In Words	