

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
JANPATH, BHUBANESWAR-22.
Tel: 0674 2541545; Fax: 0674 2541543; E-mail :policehousing@rediffmail.com
Web: ophwc.nic.in

TENDER CALL NOTICE

BID REFERENCE NO: - 02 / 2014-15 /ELECT/ OSPH&WC

1. Sealed tender in the prescribed form with detailed Tender Call Notice for execution of external electrification works and Area illumination works of different projects are invited in single cover system from the enlisted H.T. / M.V.(M.V. Contractors only participated with Area illumination works) electrical contractors/Firms under O.S.P.H&W.C., Bhubaneswar including supply of materials as per the specification. Tender to be submitted separately for each project.

Sl.No	Name of the Project	Estimated Cost	EMD	Cost of tender paper including vat	Period of completion	Eligibility Range
1	External electrification work of Papadahandi Fire Station in the district of Nabarangpur.	Rs.7,17,654.00	Rs.7,177.00	Rs.4,200.00	45 days	Up to 10 lakh & above
2	External electrification work of Rural Police Station, Khatiguda in the district of Nabarangpur.	Rs.5,26,978.00	Rs.5,270.00	Rs.4,200.00	45 days	Up to 10 lakh & above
3	External electrification work of SDPO Office-cum-Res building at Papadahandi in the district of Nabarangpur.	Rs.4,01,292.00	Rs.4,013.00	Rs.2,100.00	45 days	Up to 10 lakh & above
4	External electrification work of Sub Jail at Soroda in the district of Ganjam.	Rs.7,92,295.00	Rs.7,923.00	Rs.4,200.00	45 days	Up to 10 lakh & above
5	External electrification work of AETI Centre in the district of Koraput.	Rs.5,63,408.00	Rs.5,634.00	Rs.4,200.00	45 days	Up to 10 lakh & above

6	External electrification work of Nandapur Fire Station in the district of Koraput.	Rs.4,92,212.00	Rs.4,922.00	Rs.2,100.00	45 days	Up to 10 lakh & above
7	External electrification work of Similiguda Police Station in the district of Koraput.	Rs.6,74,937.00	Rs.6,749.00	Rs.4,200.00	45 days	Up to 10 lakh & above
8	External electrification work of Dasmantpur Fire Station in the district of Koraput.	Rs.7,25,326.00	Rs.7,253.00	Rs.4,200.00	45 days	Up to 10 lakh & above
9	External electrification work of Banhugaon Fire Station in the district of Koraput.	Rs.6,01,489.00	Rs.6,015.00	Rs.4,200.00	45 days	Up to 10 lakh & above
10	External electrification work of SDPO Office-cum-Res building at Sunabeda in the district of Koraput.	Rs.2,78,054.00	Rs.2,781.00	Rs.2,100.00	45 days	Up to 10 lakh & above
11	External electrification work of (1-‘B’ + 4-‘D’) type quarters at 1 st. I.R. Bn., Koraput in the district of Koraput.	Rs.4,93,253.00	Rs.4,933.00	Rs.2,100.00	45 days	Up to 10 lakh & above
12	External electrification work of (1-‘D’ + 2-‘E’ + 6-‘F’) type quarters at Pallahara Fire Station in the district of Angul.	Rs.4,63,909.00	Rs.4,639.00	Rs.2,100.00	45 days	Up to 10 lakh & above
13	External electrification work of operational base Briefing Hall & 100 Men Barrack at R.O., Keonjhar in the district of Keonjhar.	Rs.5,98,256.00	Rs.5,983.00	Rs.4,200.00	45 days	Up to 10 lakh & above
14	External electrification work of (4-‘D’ + 4-‘E’ + 20-‘F’) type quarters at Circle Jail, Koraput in the district of Koraput.	Rs.6,98,184.00	Rs.6,982.00	Rs.4,200.00	45 days	Up to 10 lakh & above
15	External electrification work of 2-‘D’ (Koraput) + 24-‘F’ cluster Housing at Dist. Hqr., Koraput in	Rs.5,90,964.00	Rs.5,910.00	Rs.4,200.00	45 days	Up to 10 lakh & above

	the district of Koraput.					
16	External electrification work of 12-‘E’ cluster Housing at Dist. Hqr., Koraput in the district of Koraput.	Rs.4,20,636.00	Rs.4,206.00	Rs.2,100.00	45 days	Up to 10 lakh & above
17	External electrification work of I.T.I. Building at Rasanpur, Maneswar in the district of Sambalpur.	Rs.6,68,324.00	Rs.6,683.00	Rs.4,200.00	45 days	Up to 10 lakh & above
18	External electrification work of 2-‘D’ type quarters at Dist. Hqr., Jharsuguda in the district of Jharsuguda.	Rs.3,70,167.00	Rs.3,702.00	Rs.2,100.00	45 days	Up to 10 lakh & above
19	External electrification work of 60 Men Barrack at R.P. Line, Jharsuguda in the district of Jharsuguda.	Rs.3,17,736.00	Rs.3,177.00	Rs.2,100.00	45 days	Up to 10 lakh & above
20	External electrification work of JMFC Building at Narsinghpur in the district of Cuttack.	Rs.6,54,251.00	Rs.6,543.00	Rs.4,200.00	45 days	Up to 10 lakh & above
21	External electrification work of Laikera Fire Station in the district of Jharsuguda.	Rs.5,17,105.00	Rs.5,171.00	Rs.4,200.00	45 days	Up to 10 lakh & above
22	External electrification work of JCO Mess, (4-‘D’ + 6-‘E’ + 12-‘F’) type quarters at I.R. Bn., Kalinganagar, Jajpur in the district of Jajpur.	Rs.9,42,555.00	Rs.9,426.00	Rs.4,200.00	45 days	Up to 10 lakh & above
23	External electrification work of Tamaka Model Police Station in the district of Jajpur.	Rs.9,34,890.00	Rs.9,349.00	Rs.4,200.00	45 days	Up to 10 lakh & above
24	External electrification work of (1 -‘D’ + 2 -‘E’ + 4 -‘F’) type quarters at Bari Fire Station in the district of Jajpur.	Rs.9,38,364.00	Rs.9,384.00	Rs.4,200.00	45 days	Up to 10 lakh & above
25	External electrification work of Uttara Police	Rs.5,87,358.00	Rs.5,874.00	Rs.4,200.00	45 days	Up to 10 lakh &

	Station in the district of Khurda.					above
26	External electrification work of Mudulipada Model Police Station at Khairiput in the district of Malkanagiri.	Rs.6,94,330.00	Rs.6,943.00	Rs.4,200.00	45 days	Up to 10 lakh & above
27	External electrification work of Korkunda Fire Station in the district of Malkanagiri.	Rs.4,28,783.00	Rs.4,288.00	Rs.2,100.00	45 days	Up to 10 lakh & above
28	External electrification work of Khairiput Fire Station in the district of Malkanagiri.	Rs.4,48,284.00	Rs.4,483.00	Rs.2,100.00	45 days	Up to 10 lakh & above
29	Area Illumination work of Subarnagiri Police Station in the district of Kandhamal.	Rs.5,08,050.00	Rs.5,081.00	Rs.4,200.00	45 days	Up to 10 lakh & above
30	Area Illumination work of Belghar Police Station in the district of Kandhamal.	Rs.3,35,050.00	Rs.3,351.00	Rs.2,100.00	45 days	Up to 10 lakh & above
31	External electrification work of Ambabhana Police Station in the district of Bargarh.	Rs.4,97,499.00	Rs.4,975.00	Rs.2,100.00	45 days	Up to 10 lakh & above
32	External electrification work of Atabira Fire Station in the district of Bargarh.	Rs.3,03,308.00	Rs.3,033.00	Rs.2,100.00	45 days	Up to 10 lakh & above
33	External electrification work of Paikamal Police Station in the district of Bargarh.	Rs.3,73,698.00	Rs.3,737.00	Rs.2,100.00	45 days	Up to 10 lakh & above
34	External electrification work of 4- 'D' type quarters at Bargarh in the district of Bargarh.	Rs.5,08,573.00	Rs.5,086.00	Rs.4,200.00	45 days	Up to 10 lakh & above
35	External electrification work of Padmapur Police Station in the district of Bargarh.	Rs.6,33,946.00	Rs.6,339.00	Rs.4,200.00	45 days	Up to 10 lakh & above
36	External electrification work of DIG Office, NR, Sambalpur in the district of Sambalpur.	Rs.1,11,822.00	Rs.1,118.00	Rs.630.00	45 days	Up to 10 lakh & above

37	External electrification work of (1 -'D' + 2 - 'E' + 6 -'F') type quarters at Jajpur Road Fire Station in the district of Jajpur.	Rs.9,38,183.00	Rs.9,382.00	Rs.4,200.00	45 days	Up to 10 lakh & above
38	External electrification work of Odagaon Model Police Station at Odagaon in the district of Nayagarh.	Rs.3,97,276.00	Rs.3,973.00	Rs.2,100.00	45 days	Up to 10 lakh & above
39	External electrification work of (1 -'D' + 2 - 'E' + 6 -'F') type quarters at Nayagarh Fire Station in the district of Nayagarh.	Rs.3,22,521.00	Rs.3,225.00	Rs.2,100.00	45 days	Up to 10 lakh & above
40	External electrification work of Auditorium Building at SJSV, Puri in the district of Puri.	Rs.9,94,626.00	Rs.9,946.00	Rs.4,200.00	45 days	Up to 10 lakh & above

2. The tender document may be obtained on payment of the tender paper cost as mentioned in the Column – 5 of the above table [Non refundable] for each project between 10.00 A.M. to 05.00 P.M on each working day from the office of the undersigned at the Address given above of O.S.P.H.&WC at Bhubaneswar on or before dt.21.06.2014.Tender document can also be obtained through speed post by sending a self addressed stamped Rs.75.00 [Rupees Seventy five only] envelope of size 35 cm x 25 cm along with a Demand Draft / Pay Order of the tender paper cost as mentioned in the Column – 5 of the above table [Non refundable] for each project on any scheduled Bank, payable at Bhubaneswar, drawn in favour of the “**The Odisha State Police Housing & Welfare corporation Ltd.**”. However, such request must be received by the undersigned on or before the last date for issue of tender document. The O.S.P.H.&W.C. authorities shall not be responsible for postal or other delays. The tender document will also be available from the web site www.ophwc.nic.in and the same can be downloaded to be used for tender offer. However in case of downloaded tender documents an amount of the tender paper cost as mentioned in the Column – 5 of the above table [Non refundable] for each project in shape of Demand Draft / Pay Order drawn on any scheduled Bank, is payable at Bhubaneswar in favour of the “**The Odisha State Police Housing &**

Welfare Corporation Ltd.” along with the tender , failing which tender shall be liable for rejection.

- 3.The bidders are requested to submit the receipt of showing cost of tender paper along with the attested copies of valid H.T. license from ELBO, Income tax return copy, PAN card, TIN No, up to date VAT clearance certificate along with bid documents otherwise the bid shall be liable for rejection.
4. **EMD** - The tender shall be accompanied with EMD as mentioned above in shape of D.D. / Pay order drawn on any Nationalized Bank in favour of the **“The Odisha State Police Housing & Welfare corporation Ltd.”**, failing which the tender shall be rejected.
5. Other details can be seen in the tender documents.
6. Bids submitted otherwise than in the manner prescribed in the tender document shall be rejected.
7. The bidding document should be super scribed “Tender for external electrification works, Tender No., Name of the Project etc.” / “Tender for internal electrification & area illumination works, Tender No., Name of the Project etc.”
8. Last date for issue of tender document is up to : 05.00 PM on Dt. 21.06.2014
9. Last date for receipt of tender document is up to : 12.30 PM on Dt. 23.06.2014
10. Date of opening of bid at : 03.30 PM on Dt. 23.06.2014
11. The authority reserves the right to reject any or all the bids without assigning any reason thereof.
12. An affidavit is to be furnish by the bidder at the time of submitting bid document that he is not blacklisted / defaulter contractor or Firm etc.The authority reserves the right to reject any or all the bids without assigning any reason thereof and can impose any conditions as deemed proper before finalisation of tender.

**Sd/-
Chief Engineer.**

GENERAL CONDITIONS OF THE CONTRACT
BID REFERENCE NO: - 02 / 2014-15 /ELECT/ OSPH&WC

1. The tender document shall be accompany with the EMD as above only in shape of Demand Draft / Pay Order drawn on any Nationalized Bank payable at Bhubaneswar in favour of the “**The Odisha State Police Housing & Welfare Corporation Ltd.**” failing which the tender shall be rejected.
2. The bidders are requested to submit the receipt of showing cost of tender paper along with the attested copies of valid H.T. license from ELBO, Income tax return copy, PAN card, TIN No, upto date VAT clearance certificate and VAT registration certificate along with bid documents otherwise the bid shall be liable for rejection. The latest authenticated documentary proof shall be submitted. The proof submitted earlier in some other contest shall not be treated as valid and sufficient.
3. The bid must accompany proof of executing same nature of work as per eligibility criteria mentioned in tender call notice in Govt. / Govt. Undertaking. Departments. The copy of work order and completion certificates in support of credential should be enclosed with the tender otherwise the bid shall be rejected.
4. The bidding document should be super scribed “Tender for external electrification works, Tender No., Name of the Project etc.” / “Tender for Area illumination works, Tender No., Name of the Project etc.”
5. The tenders (also called bids) not submitted in prescribed format or in prescribed manner, shall be rejected at the risk and responsibility of bidder.
6. All the information as called for in the tender document should be submitted truly, clearly, legible, transparently, unambiguously and without the use of abbreviations. It shall be submitted in English only.
7. All the crucial figures, like rates and amount should be written in figures followed by words in a bracket.
8. There shall be no over writing in the tender document and other papers submitted. All additions, alternations, deletions and cutting should be initialed with rubber-stamp (or seal) by the same person, who signs the tender document, failing which so, the tender may be rejected.
9. All the rates and amounts shall be quoted in Indian Rupee and shall be presumed to be in Indian Rupee only unless specifically permitted to be quoted otherwise in this tender document.

10. Each page of this tender document should be signed by the bidder with seal in token of having read, understood and accepted the terms and conditions of this contract.
11. Use separate piece of paper where the space provided in the formats in this tender document for submission of information is not sufficient.
12. The contractor shall stand for guarantee against defective materials / manufacturing defects(except lamp in case of Area illumination work) and workmanship for the work carried out by him for a period of **24** months from its commissioning /handing over & make good /repair/replace the faults during this period without any extra cost, failing which the same shall be got done at the risk and cost of the contractor. The work shall be supervised by the qualified supervisor from the contractor's side.
13. All information submitted or supplied in the formats of this tender document shall be presumed to be true to the best of knowledge of bidder.
14. The firms not having VAT Registration certificate shall not be eligible for submitting the bids. The blacklisted firms shall also not be eligible for participating in the bid.
15. The tenders/bids can be sent by post or courier as well. However, authorities shall not be responsible for postal or delays in receipt of bids.
16. If the last date for receipt of the tender/bid turns out to be a holiday, it will automatically be extended to next working day.
17. A bid submitted can not be withdrawn. The bidder or his authorized representative (one person only) will be allowed to be present at the time of opening of tenders. They will not participate in the discussions. Clarification sought, if any may be provided by them.
18. All or any of the tenders /bids submitted can be rejected without assigning any reason thereof. No claim, whatsoever, shall be admissible for the alleged loss/damages suffered by bidders on account of such rejections.
19. Bids shall be opened in the presence of the bidders or their authorized representative.
20. Prices quoted for each item shall be inclusive of all i:e. taxes and duties, excise duty, service taxes,loading,unloading,transportation,insurance,watch and ward etc.
21. Advance payment /part payment will not be entertained before completion and handing over the work.
22. No claim can be made due to some unforeseen delay for release of payment.
23. Payment of bill will be made only after completion of the work in all respects i.e. commissioning, testing, inspection of work by the electrical inspector, execution of agreement between user authority and distribution Company authority before charging of

sub station / Line and handed over the work to the distribution Company. In case of Area Illumination Work payment of bill will be made only after completion of the work in all respects i.e. commissioning, testing and handed over the work to the user authority.

24. All the transit risk shall be responsibility of the contractor.
25. Failure to complete the work in full within the stipulated period may lead to forfeiture of EMD and blacklisting of the contractor/firm.
26. The authorities are not bound to accept the lowest quoted rate.
27. Terms and conditions of this tender document can not be negotiated for variations.
28. The authority reserves the right to reject any or all tender in whole or part without assigning any reason and can impose any other condition(s) as deemed proper before or in course of finalisation of the tender.
29. The approved tender may be cancelled by the authority any time during validity without assigning any reason thereof and no claim can lie against OPHW&C for such cancellation.
30. All materials required for the work should be approved brand of the concerned Distribution company / as per the given specification and brand. Before take up the work A.P.M (Electrical) shall verify/ certify the quality of materials.
31. Before installation of the transformer E&MR certificate shall be submitted along with CPRI certificate and guarantee certificate of the transformer shall be submitted.
32. LT bushing cover and tap changer shall be provided.
33. All the disputes shall be subject to Jurisdiction of Civil Courts situated at Bhubaneswar.

Signature & seal of the Bidder.

**Sd/-
Chief Engineer.**

GENERAL BID FORM
BID REFERENCE NO: - 02 / 2014-15 /ELECT/ OSPH&WC

1.Name :

Full Address :

Fax No :

Telephone No :

E-mail address of the firm :

2.Legal Status of the firm :

3.Give the location and Address of your Office/ Branch office :

4.Kindly confirm by writing” Yes” of “No” only

[A] Have you enclosed the EMD? If yes, mention the amount and its identifying details.

[B] Have you enclosed the valid H.T./ M.V. License?

[C] Have you enclosed the VAT clearance certificate?

[D] Have you enclosed the PAN card?

[E] Have you enclosed the audited balance sheet?

[F] Copies of assessment return of sales tax and income tax of last three years.

[G] Have you enclosed all the documents and papers called for in this tender document?

Kindly enclose a list. (Use a separate sheet of paper)

[H] If the answer to [G] above is ‘No’, which of the Documents / papers called for in the tender document have not enclosed.

(Kindly enclose a list of such document/papers – Use separate Sheet of paper, if necessary)

Signature & seal of the Bidder.

Sd/-
Chief Engineer.

OFFICE OF THE CHAIRMAN-CUM- MANAGING DIRECTOR.

ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD., BHUBANESWAR.

BILL OF QUANTITY

TENDER NO.- 02/2014-15/ ELECT/OSPH&WC

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORKS FOR POWER SUPPLY TO PAPADAHANDI FIRE STATION IN THE DIST. OF NABARANGPUR.

Sl. No.	NAME OF THE PROJECT	SCOPE OF WORK	QUOTED RATE INCLUSIVE OF ALL IN FIGURE	QUOTED RATE INCLUSIVE OF ALL IN WORD.
1	PAPADAHANDI FIRE STATION IN THE DIST. OF NABARANGPUR.	<p>I. Construction of 3 ph 3 wire 11 KV line using 9 mtr. Long 300 KG PSC Pole with 55 sq.mm AAAC -1.0 KM(15 Span) & Conversion from 2ph to 3ph 11 KV line -12 spans</p> <p>II. Installation of 63 KVA (star rated transformer) 11/0.4KV D.P. mounted sub station using 9 mtr. Long 300 KG PSC Pole alongwith fencing of S/S.- 1 No.</p> <p>III. Construction of 3 ph 5 wire LT line using 8 mtr. long 200 KG PSC Pole with 3 x 35 +1x25+ 1 x16 sq.mm AB cable.-0.6 KM(12 span)</p> <p>IV. Construction of online AB Switch with DP using 9 mtr long 300 KG PSC Pole - 1 No</p>		

Seal & Signature of the Contractor

SD/-
Joint Manager (Elect.)

OFFICE OF THE CHAIRMAN-CUM- MANAGING DIRECTOR.
ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.,
BHUBANESWAR.

BILL OF QUANTITY

TENDER NO.- 02/2014-15/ ELECT/OSPH&WC

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORKS FOR POWER SUPPLY TO PAPADAHANDI FIRE STATION IN THE DIST. OF NABARANGPUR.

SCOPE [A]	Construction of 3 ph 3 wire 11 KV line using 9 mtr. Long 300 KG PSC Pole with 55 sq.mm AAAC -1 KM(15 Span) & Conversion from 2ph to 3ph 11 KV line -12 spans		
SCOPE [B]	Installation of 63 KVA (star rated transformer) 11/0.4KV D.P. mounted sub station using 9 mtr. Long 300 KG PSC Pole alongwith fencing of S/S.- 1 No.		
SCOPE [C]	Construction of 3 ph 5 wire LT line using 8 mtr. long 200 KG PSC Pole with 3 x 35 +1x25+ 1 x16 sq.mm AB cable.-0.6 KM(12 span)		
SCOPE [D]	Construction of online AB Switch with DP using 9 mtr long 300 KG PSC Pole - 1 No		
Sl no	Description of Materials	Unit	Qty
SCOPE [A]	Construction of 3 ph 3 wire 11 KV line using 9 mtr. Long 300 KG PSC Pole with 55 sq.mm AAAC -1 KM(15 Span) & Conversion from 2ph to 3ph 11 KV line -12 spans		
1	11 KV V Cross Arm	No	13
2	Back Clamp for V Cross Arm	No	13
3	Top Bracket	No	13
4	11 KV Pin Insulator	No	51
5	11 KV G.I. Pin	No	51
6	11 KV Disc Insulator (T & C)	No	15
7	11 KV H/W fitting (T & C)	No	15
8	100 x 50 x 6mm MS Channel	Kg	132.48
9	HT Stay Set (Complete)	Set	4
10	Stay Insulator	No	4
11	Stay Clamp	Pair	4
12	7/10 SWG Stay Wire	Kg	40
13	MS Nut, Bolt & Washer	Kg	18
15	55mm ² AAA Conductor	Km	4.05
16	Concrete material for Stay Anchor Plate (0.45 x 0.45 x 1.5)mtr.	No	4

17	9 mtr. long PSC Pole	No	15
19	Base Plate	No	15
20	Earthing for support (Coil Type)	No	15
23	No.6 G.I. wire for earthing	Kg	50
24	Sundries (Paint, Danger Board, Al. Binding tape & wire, insulating tape, anti climbing device, jumpering materials, other accessories, etc.)	LS	-
SCOPE [B]	Installation of 63 KVA (star rated transformer) 11/0.4KV D.P. mounted sub station using 9 mtr. Long 300 KG PSC Pole alongwith fencing of S/S.- 1 No.		
1	9 mtr. long 300 Kg PSC Pole	No	2
2	Pressure Channel 100 x 50 x 6mm 2.8 mtr. 2 Nos.	Kg	51.52
3	Transformer mounting channel 100 x 50 x 6mm , 2.8 mtr. long 2 nos. (9.2Kg/mtr.)	Kg	51.52
4	AB Switch & HG Fuse mounting Channel 75 x 40 x 6mm , 2.8 mtr. long 4 nos. (6.8Kg/mtr.)	Kg	76.16
5	Cantilever Channel for supporting HG fuse 75 x 40 x 6mm MS Angle 1 mtr. long 2 nos. (6.8Kg/mtr.)	Kg	13.6
6	Cantilever Channel for supporting HG fuse 50 x 50 x 6mm MS Angle 1 mtr. long 2 nos. (4.5Kg/mtr.)	Kg	9
7	Angle for mounting arrangement for AB switch and HG fuse 50 x 50 x 6mm 2mtr. Long each 2 nos. (4.5Kg/Mtr.)	Kg	18
8	Transformer belting 50 x 50 x 6mm angle 2.8 long 2 nos. (4.5Kg/Mtr.) with side angle total (7mtr.)	Kg	31.5
9	Angle for mounting LT Distribution Box 35 x 35 x 5mm 1.0 mtr. Long 2 nos. (3.5Kg/mtr.)	Kg	22.5
10	11 KV Disc Insulator (T & C)	No	3
11	11 KV H/W fitting (T & C) type	No	3
12	11 KV AB Switch 3 Pole	Set	1
13	11 KV HG fuse 3 Pole	Set	1
14	11 KV lightning Arrestor, 10 KA	No	3
15	LT Distribution Box with kit kat fuse	No	1
16	HT Stay Set (Complete)	Set	2
17	Stay Insulator	No	2
18	Stay Clamp	No	2
19	7/10 G.I. Stay Wire	Kg	20
20	G.I. Pipe Earthing 40mm Dia medium gauge 2.5 mtr. long	No	3
21	Earthing Support (Coil Type)	No	2
22	No.6 G.I. wire for earthing	Kg	20
23	M.S. Nut Bolt & washers	Kg	36
24	11/.4 KV 63 KVA Transformer (Star Rated)	No	1

25	3 1/2 core LT PVC Cable 150 sq.mm 15 mtr	Mtr	15
26	Concrete material for stay anchor plate (0.45 x 0.45 x 1.5) mtr.	LS	2
27	Padding and concreting material for support (0.45 x 0.45 x 1.5)mtr	LS	2
28	Material for earthing including masonry work for earth pit, salt, charcoal and cement plate cover	LS	3
29	Base plate for support	No	2
30	Fencing of the S/S	No	1
31	Sundries (Paint, Danger Board, Al. Binding tape & wire insulating tape, anti climbing device, clamp connector, jumpering materials, socket & other accessories, etc.)	LS	1
32	Sand and Metal Spreading	LS	-
SCOPE [C]	Construction of 3 ph 5 wire LT line using 8 mtr. long 200 KG PSC Pole with 3 x 35 +1x25+ 1 x16 sq.mm AB cable.-0.6 KM(12 span)		
1	8 mtr. long PSC Pole	No	12
2	LT Stay Set Complete	Set	4
3	LT Stay Insulator	No	4
4	LT Stay Clamp	Pair	4
5	7/12 G.I. Stay Wire	Kg	32
6	M.S. Nut Bolt & washers	Kg	5
7	(3 x 35 + 1 x 25 + 1 x 16) mm ² AB Cable	Km	0.6
8	Concrete material for stay anchor plate	No	4
9	Suspension Clamp I Hook	No	4
10	Dead end clamp I Hook	No	12
11	Base plate	No	12
12	Coil earthing	No	12
13	Concreting of Pole	No	0
14	Sundries	L/S	-
SCOPE [D]	Construction of online AB Switch with DP using 9 mtr long 300 KG PSC Pole - 1 No		
1	9 mtr. long 300 Kg PSC Pole	No	2
2	Pressure Channel 100 x 50 x 6mm 2.8 mtr. 2 Nos.	Kg	51.52
3	Transformer mounting channel 100 x 50 x 6 mm 2.8 mtr. long 2 nos. (9.2 Kg/mtr.)	Kg	-
4	AB Switch & HG Fuse mounting channel 75 x 40 x 6mm 2.8mtr. Long 4 nos. (6.8Kg/mtr.)	Kg	76.16
5	Cantilever channel for supporting HG fuse 75 x 40 x6mm MS Angle 1 mtr. long 2 nos. (6.8Kg/mtr.)	Kg	13.6
6	Cantilever channel for supporting HG fuse 50 x 50 x 6mm MS Angle 1 mtr. long 2 nos. (4.5Kg/mtr.)	Kg	-

7	Angle for cantilever arrangement for AB switch and HG fuse 50 x 50 x 6mm 2mtr long each 2nos. (4.5Kg/mtr.)	Kg	18
8	11 KV Disc Insulator (T & C)	No	6
9	11 KV H/W fitting (T & C) type	No	6
10	11 KV AB Switch 3 Pole, 400 Amp	Set	1
11	HT Stay Set (Complete)	Set	2
12	Stay Insulator	No	2
13	Stay Clamp	No	2
14	7/10 G.I. Stay Wire	Kg	20
15	Earthing support (coil type)	No	2
16	MS Bolts, Nuts & Washers	Kg	10