

**THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.  
JANPATH, BHUBANESWAR-22.**

**Tel: 0674 2541545; Fax: 0674 2541543; E-mail : [jmelectricalophwc@gmail.com](mailto:jmelectricalophwc@gmail.com)**

**Web: [ophwc.nic.in](http://ophwc.nic.in)**

**BID REFERENCE NO: - 16/ 2015-16/ELECT/ OPHWC**

**SCHEDULE OF EXTERNAL ELECTRIFICATION WORK OF 12-F TYPE QTR. AT  
OSAP 6TH. BN. , CUTTACK IN THE DIST. OF CUTTACK.**

**SOLD TO : M/S \_\_\_\_\_**

\_\_\_\_\_

**MONEY**

**RECEIPT NO : \_\_\_\_\_**

**DATE : \_\_\_\_\_**

[SIGNATURE OF ISSUING OFFICER]

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

**TENDER CALL NOTICE**  
**BID REFERENCE NO: - 16/ 2015-16/ELECT/ OPHWC**

1. Sealed tender in the prescribed form with detailed Tender Call Notice for execution of external electrification and Area illumination work 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.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	Area Illumination work of Laxmipur Poli Police Station in the Dist. of Koraput.	Rs.3,007,80.00	Rs.3,008.00	Rs.2,100.00	45 days	Up to 10 lakh & above
2	External electrification work of 12-F type Qtr. at OSAP 6 <sup>th</sup> . BN. Cuttack in the Dist. of Cuttack.	Rs.6,85,909.00	Rs.6,859.00	Rs.4,200.00	45 days	Up to 10 lakh & above
3	External electrification work of Nuagada Fire Station in the Dist. of Gajapati.	Rs.6,69,043.00	Rs.6,690.00	Rs.4,200.00	45 days	Up to 10 lakh & above
4	External electrification work of 6-F type Qtr. at Tulasipur in the Dist. of Cuttack.	Rs.4,27,590.00	Rs.4,276.00	Rs.2,100.00	45 days	Upto 10 lakh & above
5	External electrification work of DPO Building at Cuttack in the Dist. of Cuttack.	Rs.10,99,349.00	Rs.10,993.00	Rs.6,300.00	45 days	10 lakh above
6	External electrification work of 1-D , 2-E and 6-F type Staff Qtr at Adaspur Fire Station in the Dist. of Cuttack.	Rs.4,26,310.00	Rs.4,263.00	Rs.2,100.00	45 days	Upto 10 lakh & above

<b>7</b>	Shifting and reconstruction of 11 KV Line at Court Building at Jagatsinghpur.	Rs.2,06,261.00	Rs.2,063.00	Rs.2,100.00	45 days	Upto 10 lakh & above
<b>8</b>	External electrification work of Hemagiri Fire Station in the Dist. of Sundergarh.	Rs.3,91,258.00	Rs.3,913.00	Rs.2,100.00	45 days	Upto 10 lakh & above
<b>9</b>	External electrification work of 2-E type Qtr. at Vigilance Office in the Dist. of Sundergarh.	Rs.5,45,487.00	Rs.5,455.00	Rs.4,200.00	45 days	Upto 10 lakh & above
<b>10</b>	External electrification work of Rayagada Fire Station in the Dist. of Gajapati.	Rs.9,68,228.00	Rs.9,682.00	Rs.4,200.00	45 days	Upto 10 lakh & above
<b>11</b>	External electrification work of Narayanapatna Police Station in the Dist. of Koraput.	Rs.5,47,785.00	Rs.5,479.00	Rs.4,200.00	45 days	Upto 10 lakh & above
<b>12</b>	External electrification work of JCO Mess at 1 <sup>st</sup> IRBN. , Koraput in the Dist. of Koraput.	Rs.3,25,765.00	Rs.3,258.00	Rs.2100.00	45 days	Upto 10 lakh & above
<b>13</b>	External electrification work of 6-F type Qtr. at 1 <sup>st</sup> IRBN. , Koraput in the Dist. of Koraput.	Rs.6,38,576.00	Rs.6,386.00	Rs.4,200.00	45 days	Upto 10 lakh & above
<b>14</b>	Shifting of 100 KVA Sub-Station at PTI Solara Bayree in the Dist. of Jajpur.	Rs.12,04,441.00	Rs.12,044.00	Rs.6,300.00	45 days	10 lakh above
<b>15</b>	External electrification work of Ambabhona Fire station in the Dist. of Bargarh.	Rs.1,96,048.00	Rs.1,960.00	Rs.6,30.00	45 days	Upto 10 lakh & above
<b>16</b>	External electrification work of 1-D,2-E and 4-F type Qtr. at Sundargarh Fire Station in the dist. of	Rs.6,31,903.00	Rs.6,319.00	Rs.4,200.00	45 days	Upto 10 lakh & above

	Sundergarh.					
17	External electrification work of 100 Men Barrack SPO at Reserve Police Line Sundergarh in the Dist. of Sundergarh.	Rs.6,80,876.00	Rs.6,809.00	Rs.4,200.00	45 days	Upto 10 lakh & above
18	External electrification work of 1-D,2-E and 6-F type Qtr. at Bramhagiri Fire Station in the dist. of Puri.	Rs.6,93,586.00	Rs.6,936.00	Rs.4,200.00	45 days	Upto 10 lakh & above
19	Area Illumination work of 100 Men Barrack at Tuhilamaal in the Dist. of Deogarh. .	Rs.3,46,100.00	Rs.3,461.00	Rs.2,100.00	45 days	Upto 10 lakh & above
20	LT Extension to 2-D and 6-E type Qtr. at 2 <sup>nd</sup> IRBN. , Bhamini in the Dist. of Rayagada	Rs.2,99,158.00	Rs.2,992.00	Rs.2,100.00	45 days	Upto 10 lakh & above
21	External electrification work of Adminstrative Building , Academic Building( A and B Wing) of commandant PTI Solara Bayree in the Dist. of Jajpur.	Rs.19,06,619.00	Rs.19,066.00	Rs.6,300.00	45 days	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. 04/11/2015 .Tender document can also be obtained through speed post by sending a self addressed 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 and Rs. 200.00 (Rupees two hundred only ) extra for purchased by post[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](http://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./MV license from ELBO, Income tax return copy, PAN , TIN, 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 area illumination works, Tender No., Name of the Project etc.”
8. The tender document is available from :10 AM on Dt.17. 10 .2015
9. Last date for issue of tender document is up to : 05.00 PM on Dt.04 .11.2015
10. Last date for receipt of tender document is up to : 12.30 PM on Dt. 07 .11.2015
11. Date of opening of bid at : 03.30 PM on Dt.07 .11.2015
12. The authority reserves the right to reject any or all the bids without assigning any reason thereof.
13. 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/-**  
**Joint Manager (Elect.)**

**GENERAL CONDITION OF THE CONTRACT**  
**BID REFERENCE NO: - 16/ 2015-16 /ELECT/ OPHWC**

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, TIN , up to 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 cannot 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 / OPHWC 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/-  
Joint Manager (Elect.)**



**GENERAL BID FORM**  
**BID REFERENCE NO: - 16/ 2015-16/ELECT/ OPHWC**

**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/-  
Joint Manager (Elect.)**

**OFFICE OF THE CHAIRMAN-CUM- MANAGING DIRECTOR.**

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

**BILL OF QUANTITY**

**TENDER NO.- 16/2015-16/ ELECT/OPHWC**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORKS FOR POWER SUPPLY TO 12-F TYPE QTR. AT OSAP 6TH. BN. , CUTTACK IN THE DIST. OF CUTTACK.**

<b>Sl. No.</b>	<b>NAME OF THE PROJECT</b>	<b>SCOPE OF WORK</b>	<b>QUOTED RATE INCLUSIVE OF ALL IN FIGURE</b>	<b>QUOTED RATE INCLUSIVE OF ALL IN WORD.</b>
1	<b>12-F TYPE QTR. AT OSAP 6TH. BN. , CUTTACK IN THE DIST. OF CUTTACK</b>	<p>I. Construction of 3 ph 3 wire 11 KV OH line using 100x116 mm 9 mtr. Long RS Joist pole with 80sq.mm AAA Conductor -0.41 KM</p> <p>II. Installation of 25 KVA (3 star rated transformer ) 11/0.4KV D.P.mounted sub station using 100x116mm 9 mtr long RS Joist pole alongwith Barbed fencing ( size 15'x10') with construction of retaining wall , erection of RCC Fencing post, Grill gate. ,Sand and metal spreading - 1 No.</p> <p>III. Construction of 3ph 5 W LT Line using 8 mtr. long 125x70 mm GI RS Joist with 50 sq.mm 3 ph XLPE AB cable -0.12 KM</p>		

**Seal & Signature of the Contractor**

Sd/-  
**Asst. Project Manager (Elect.)**

Sd/-  
**I/C Elect. (Hqr.)**

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

**BILL OF QUANTITY**

**TENDER NO.- 16/2015-16/ ELECT/OPHWC**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORKS FOR POWER SUPPLY TO 12-F TYPE QTR. AT OSAP 6TH. BN. , CUTTACK IN THE DIST. OF CUTTACK.**

<b>SCOPE [A]</b>	<b>I. Construction of 3 ph 3 wire 11 KV OH line using 100x116 mm 9 mtr. Long RS Joist pole with 80sq.mm AAA Conductor -0.41 KM</b>		
<b>SCOPE [B]</b>	<b>II. Installation of 25 KVA (3 star rated transformer ) 11/0.4KV D.P.mounted sub station using 100x116mm 9 mtr long RS Joist pole alongwith Barbed fencing ( size 15'x10') with construction of retaining wall , erection of RCC Fencing post, Grill gate. ,Sand and metal spreading - 1 No.</b>		
<b>SCOPE [C]</b>	<b>III. Construction of 3ph 5 W LT Line using 8 mtr. long 125x70 mm GI RS Joist with 50 sq.mm 3 ph XLPE AB cable -0.12 KM</b>		
<b>Sl no</b>	<b>Description of Materials</b>	<b>Unit</b>	<b>Qty</b>
<b>SCOPE [A]</b>	<b>I. Construction of 3 ph 3 wire 11 KV OH line using 100x116 mm 9 mtr. Long RS Joist pole with 80sq.mm AAA Conductor -0.41 KM</b>		
<b>SL. NO.</b>	<b>Description of Materials</b>	<b>Unit</b>	<b>Qty</b>
1	100x116mm RS joist 9 mtr long 23.0kg/mtr.	No/MT	1.449
2	C.C-1:4:8 using 40mm BHG metal size- 5'x2'x2'=20CFT = 0.570Cum Padding 900x600x150mm = 0.081 cum),Total=0.651 cum for each PSC Cut point,9Mtr long/all RSJ pole 9Mtr. Long	No/cum.	4.557
3	C.C (1:2:4) using 12mm. BHG metal and curing for coupling of support section 15"x15"(3.9Cft)height 2'6"(1'6" above GL& 1' below G.L)	Cum	0.77
4	11 KV Cross Arm (10.2 Kg each)	No./MT	0.051
5	Top bracket 75x40mm Ms channel (1.3Kg each)/for 11kv line	No./MT	0.0065
6	Back Clamp for V cross Arm 1.70Kg each for 11Kv "V"	Pair	0.0055
7	11 KV GI Pin	No.	24

8	11 KV Pin Insulator	No	24
9	11 KV Dics Insulator (B&S) 70KN	No.	30
10	11 KV Hardware Fitting (B&S) 70KN	No.	15
11	H.T stay set (complete)	Set	5
12	H.T stay insulator	No.	5
13	H.T stay clamp(1.95Kg/Pair)	Pair	0.1
14	7/10 GI Stay Wire 15kg/stay	No/MT	0.075
15	C.C(1:2:4 for stay, size(900mmx600mmx900mm) using 40mm BHG metal	No./cum	2.5
16	100x50x6mm Ms channel 9.2Kg/Mtr(1.5Mtrx2)for S.P Cut point(11kv)	No/MT	0.09
17	MS Nut,Bolt and Washer of dfferent sizes for S.P cut Point New/Existing,5Kg/each(11kv/33kv)	No/MT	0.012
18	MS Nut,Bolt and Washer of dfferent sizes for S.P Pin Point New,3Kg/each(11kv/33kv)	No/MT	0.0175
19	MS Nut,Bolt and Washer of dfferent sizes for fixing of stay,0.6Kg/each with spring washer	No/MT	0.003
20	Earthing for support(Coil type)	No.	7
21	Earthing osf support using coil type earthing by supplying salt,charcoal alternate layer as per REC specification	No.	7
22	80mm2 AAAC	Km	1.2915
23	Red Oxide Paint	Ltr	10.5
24	Alluminium Plate	Ltr	10.5
25	Black paint	Ltr	3.5
26	Red oxide paint for painting of channel,angle,clamp,nut& Bolt etc.	Mt/ltr	0.66
27	Aluminium paint for painting of channel,angle,clamp,nut& Bolt etc.	Mt/ltr	0.66
28	GI Barbed wire anti climbing device 3Kg per support	No/Mt	0.021

29	Danger Board	No	7
30	Sundries for line	L.S	0.41
<b>SCOPE [B]</b>	<b>II. Installation of 25 KVA (3 star rated transformer ) 11/0.4KV D.P.mounted sub station using 100x116mm 9 mtr long RS Joist pole alongwith Barbed fencing ( size 15'x10') with construction of retaining wall , erection of RCC Fencing post, Grill gate. ,Sand and metal spreading - 1 No.</b>		
<b>SL. NO.</b>	<b>Description of Materials</b>	<b>Unit</b>	<b>Qty</b>
1	100 x 116mm RS joist 9 mtr 23.0Kg./Mtr.	No/MT	0.414
2	CC (1:4:8) using 40mm BHG metal size - 5'x2'x2'=20CFT=0.570Cum Padding( 900x600x150mm = 0.081Cum),Total=0.651Cum	No/cum.	1.302
3	C.C (1:2:4) using 12mm. BHG metal and curing for coupling of support section 15"x15"(3.9Cft)height 2'6"(1'6" above GL& 1' below G.L)	No/cum.	0.22
4	100 x 50x 6 mm MS Channel 9.2Kg/Mtr. (2.8Mtr x 4) length for 25/63/100KVA S/S (for Pressure channel and Transformer mounting channel)	No/MT	0.10304
5	75 x 40x 6 mm MS Channel 6.8Kg/Mtr. (2.8Mtr x 4,1Mtr x2),(AB Switch & HG Fuse mounting,Cantilever channel for 25/63/100KVA S/S	No/MT	0.08976
6	50 x 50x 6 mm. MS Angle 4.5Kg/Mtr., (cantilever support for HG Fuse/AB Switch,Transformer belting,LTDB Mounting=2Mtr.+2Mtr. x2+3.5Mtr. x2+2.5Mtr x2)for 25/63/100KVA S/S	No/MT	0.081
7	11KV Disc insulator(B&S)70KN	No.	6
8	11KV H.W fitting (B&S)70KN	No.	3
9	HT stay set complete with wire	Set	2
10	HT Stay Insulator	No.	2
11	H.T Stay clamp-02 Pair(1.95 kg/pair)	Pair/MT	0.004
12	7/10 SWG Stay Wire 15Kg/Stay	No/MT	0.03

13	C.C(1:3:6) for stay, size(900mmx600mmx900mm) using 40mm BHG metal	No/cum.	1
14	No. 6 GI Wire for 25/63/100/250/500KVA S/S	No/MT	0.02
15	GI Pipe earthing 40mm Dia	No.	5
16	40x6mm. GI flat for neutral for 25/63/100/250/500KVA S/S	No/MT	0.02
17	Labour charges for fixing earth electrode including exvation,base concreting,nut bolt welding ,with supply of charcoal,salt,nutbolt etc.	No	5
18	35mm <sup>2</sup> 3 1/2 core PVC cable	No/Mtr	15
19	MS Nut,Bolt & Washer of different size for 25/63/100/250/500KVA S/S	No/Mtr	0.036
20	11KV A.B. Switch, 200A 3-Pole	Set	1
21	11KV H.G fuse, 400A 3-Pole	Set	1
22	LA ,12KV-10KA	No	3
23	Earthing for support(Coil type)	No.	2
24	55mm <sup>2</sup> AAAC conductor	Km	0.04
25	Red Oxide Paint	Ltr	3
26	Alluminium Plate	Ltr	4
27	Black paint	Ltr	1
28	25 KVA 11/.4 KV Transformer,3 Star rated AI, wound	No.	1
29	Barbed wire fencing (size 15'x10') with construction of retaining wall, erection of RCC fencing post,fixing of Iron grill gate etc. as per CESU Specification	No.	1
30	LTDB including kit kat fuse with MCCB for 25KVA transformer (as per CESU specification)	No.	1

31	Sundries for Survey, Aluminium binding tape, Insulating tape, Danger board, cable socket etc. for 25/63/100KVA S/S	No	1
<b>SCOPE [C]</b>	<b>III. Construction of 3ph 5 W LT Line using 8 mtr. long 125x70 mm GI RS Joist with 50 sq.mm 3 ph XLPE AB cable -0.12 KM</b>		
1	125 x 70mm RS joist 8 mtr long in nos.(13.0Kg/Mtr)=104.0Kg	No/MT	0.312
2	CC (1:4:8) using 40mm BHG metal size - 4.3'x2'x2'=17.2CFT=0.487Cum Padding(900x600x150mm = 0.081Cum), Total=0.568Cum for 8 Mtr long RSJ pole	No/cum.	1.704
3	Couping of support section 15"x15"(3.9 Cft) height 2"-6"(1"-6" above GL & 1"-0" below GL)in C.C.1:2:4 using 12mm BHG Metal & couring for five days	No/cum.	0.33
4	2Ph. 3 Wire Cross arm 4.82Kg./each	No	3
5	Cross arm Back Clamp0.85Kg/each	No	3
6	LT Stay set(13.65 Kg per set)	No	1
7	LT Stay Wire(7/12)	No.	0.012
8	LT Saty clamp (1.4kg/pair)	Pair	0.00104
9	Fixing and concreting of stay set with 0.5Cum cement concret foundation 1:3:6 size(900mmx600mmx900mm) using 40mm BHG metal with all labour and material except stay set, stay wire, stay insulator.	No.	0.5
10	4 Nos 16x50mm GI B&N,one sp. Washer-0.581 Kg/stay set	No	0.000581
11	MS Nuts & Bolts	Km	0.00264
12	LT Shackle Insulator	No.	8
13	GI strap with Nut & Bolts	Pair	8
14	Earthing support(coil type)	No.	1
15	50mm <sup>2</sup> 3 Ph. 5 Wire LT XLPE ABC	Km	0.1236
16	Insulated piercing Connector	Km/No	6

17	Red Oxide Paint	Ltr	1
18	Alluminium Plate	Ltr	1
19	Sundries for Survey, Tree cutting, insulated tape etc	LS	0.12

**Seal & Signature of the Contractor**

Sd/-  
**Asst. Project Manager (Elect.)**

Sd/-  
**I/C Elect. (Hqr.)**