

**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: - 11/ 2017-18/ELECT/ OPHWC**

**SCHEDULE OF TENDER FOR EXTERNAL ELECTRIFICATION WORK OF 6-E+6-  
E TYPE QTRS. AT P.T.C ,ANGUL IN THE DIST. OF ANGUL..**

**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**  
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**TENDER CALL NOTICE**  
**BID REFERENCE NO: - 11/ 2017-18/ELECT/ OPHWC**

1. Sealed tender in the prescribed form with detailed Tender Call Notice for execution of External Electrification & 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.

<b>Sl.No</b>	<b>Name of the Project</b>	<b>Estimated Cost</b>	<b>EMD</b>	<b>Cost of tender paper including GST</b>	<b>Period of completion</b>	<b>Eligibility Range</b>
1	Additional Fortification of Harisankar Police Station in the Dist. of Bolangir.	Rs.2,91,690.00	Rs.2,917.00	Rs.2,360.00	90 days	Upto 10 lakh & above
2	Additional Fortification of Turekela Police Station in the Dist. of Bolangir.	Rs.3,72,531.00	Rs.3,725.00	Rs.2,360.00	90 days	Upto 10 lakh & above
3	External Electrification work of DPO Building at Kalahandi in the Dist. of Kalahandi.	Rs.7,89,449.00	Rs.7,894.00	Rs.4,720.00	90 days	Upto 10 lakh & above
4	External Electrification work of Court Building for Civil Judge(Sr. Divn.) at Kamakshyanagar in the Dist. of Dhenkanal	Rs.9,92,785.00	Rs.9,928.00	Rs.4,720.00	90 days	Upto 10 lakh & above
5	External Electrification work of Town police Station & 30 Men Barrack for Home guards at Sambalpur in the Dist. of Sambalpur.	Rs.4,15,729.00	Rs.4,157.00	Rs.2,360.00	90 days	Upto 10 lakh & above
6	External Electrification work of Golamunda Police Station in the Dist. of Kalahandi.	Rs.7,84,385.00	Rs.7,844.00	Rs.4,720.00	90 days	Upto 10 lakh & above

7	External Electrification work of 4-F type Qtr. at Larambha Police Station in the Dist. of Bolangir.	Rs.7,93,648.00	Rs.7,936.00	Rs.4,720.00	90 days	Upto 10 lakh & above
8	External Electrification work of Sub-Jail,Dharmagarh for installation of High Mast Light in the Dist. of Kalahandi.	Rs.7,91,033.00	Rs.7,910.00	Rs.4,720.00	90 days	Upto 10 lakh & above
9	External Electrification work of Junagarh Police Station in the Dist. of Kalahandi.	Rs.7,91,778.00	Rs.7,918.00	Rs.4,720.00	90 days	Upto 10 lakh & above
10	External Electrification work of Reserve Office ,Kalahandi in the Dist. of Kalahandi.	Rs.7,32,334.00	Rs.7,323.00	Rs.4,720.00	90 days	Upto 10 lakh & above
11	External Electrification work of 6-E+6-E type Qtrs. at P.T.C ,Angul in the Dist. of Angul.	Rs.6,82,442.00	Rs.6,824.00	Rs.4,720.00	90 days	Upto 10 lakh & above
12	External Electrification work of 4-E type Qtrs. at Nikirai Police Station in the Dist. of Kendrapada.	Rs.4,03,157.00	Rs.4,032.00	Rs.2,360.00	90 days	Upto 10 lakh & above
13	Additional Fortification for Area Illumination work on Police Post of Armoury of Reserve Office ,Gajapati in the Dist. of Gajapati.	Rs.3,34,962.00	Rs.3,350	Rs.2,360.00	90 days	Upto 10 lakh & above

**N.B.- Since provision of VAT, Entry Tax and other taxes have been replaced by GST w.e.f 01/07/2017, the quoted rate should be all inclusive including G.S.T.**

**Requirement under Goods & Service Tax Act.**

- i. The supplier of goods or service or both shall submit the tax invoice for release of payment and the tax invoice should include all the particulars and contents as required under section-31 of the CGST/SGST/IGST/UTST Act, 2017 read with rules made there under, including the followings:**
  - a. Correct Name, Address & GST No. of both the Supplier and recipient.**
  - b. "Tax Invoice" should be clearly mentioned on the invoice copy.**

- c. **GST should be clearly mentioned separately.**
- d. **Correct classification of supply of goods, services or both should be made.**
- e. **Nature of supply whether it is interstate or intra state should be mentioned.**
- f. **Place of supply should be mentioned.**
- g. **Prevailing rate of tax should be clearly mentioned.**
- h. **Levy of Tax whether as forward charge or reverse charge should be mentioned.**
- i. **The supplier shall submit a original copy of Tax Invoice to the Corporation (OSPH&WC).**

**A. The supplier shall declare that the tax so collected from the Corporation will be duly discharged either by using input tax credit or paid as per provisions under GST Act.**

**B. The supplier shall declare that the supply date as mentioned in the invoice will be disclosed correctly in the relevant monthly return (such as GSTR-1, GSTR-2, GSTR-3, GSTR-3B and other relevant forms).**

**C. The supplier shall also agree that he will compensate for input tax credit if not allowed to Corporation due to non-disclosure or improper disclosure in the aforesaid returns as required under GST Act.**

**D. If the supplier is unregistered under GST Act., in that case the supplier should submit an undertaking that his turnover is within the threshold limit.**

**E. Anti-profiteering clause: The supplier should declare that the benefit on account of change of rate of GST and input tax credit will be passed on to Corporation by way of reducing the contact prices and there shall not be any double taxation.**

**F. As and when GST Law requires deduction of withholding tax i.e., TDS under section 51 of GST Law, Corporation shall deduct such tax as per prevailed provisions.**

**G. Supplier of goods shall issue way bill as and when required as per provisions of GST law for supply of goods.**

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.18/09/2017 .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.”** should submit along with the tender, failing which tender shall be liable for rejection.

3. . The bidders are requested to submit the copy of the purchase receipt of showing cost of tender paper/D.D in case of down loaded along with the attested copies of valid H.T./MV license from ELBO, Income tax return copy, PAN, TIN , GST certificate, EPF 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.

4. **EMD** - The tender shall be accompanied with EMD as mentioned above in shape of D.D. / Pay order /F.D (pledged in favour of OSPH&WC) 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. Additional performance Security: (Ammendment to Para 3.5.5(v)Note-ii of OPWD Code Vol-I by modification)

(Revised/substituted as per Works Deptt. Office Memorandum No.5288 dt.04.05.2016)

Additional Performance Security shall be obtained from the bidder when the bid amount is less than the estimated cost put to tender. In such an event, the bidders who have quoted less bid price/ rates than the estimated cost put to tender shall have to furnish the exact amount of differential cost i.e. estimated cost put to tender minus the quoted amount as Additional Performance Security in shape of Demand Draft / Term Deposit Receipt pledged in favour of the **OSPH&WC, Bhubaneswar and payable at Bhubaneswar**, in the sealed envelop along with the price bid at the time of submission of bids.

The bids of the technically qualified bidders will be opened for evaluation of the price bid. In case of the bidders quoting less bid price/rate than the estimated cost put to tender and have not furnished the exact amount of differential cost (i.e. estimated cost put to tender minus the quoted amount) as Additional Performance Security in shape of NSC / Term Deposit Receipt, their price bid will not be taken in to consideration for evaluation even if they have qualified in the technical bid evaluation.

6. Other details can be seen in the tender documents.

7. Bids submitted otherwise than in the manner prescribed in the tender document shall be rejected.

8. 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.”
9. The tender document is available from :10 AM on Dt.06.09.2017
10. Last date for issue of tender document is up to : 05.00 PM on Dt.18.09.2017
11. Last date for receipt of tender document is up to :12.30 PM on Dt.21.09.2017
12. Date of opening of bid at : 03.30 PM on Dt.21.09.2017
13. The authority reserves the right to reject any or all the bids without assigning any reason thereof.
14. 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: - 11/ 2017-18/ELECT/ OPHWC**

1. The tender document shall be accompany with the EMD as above only in shape of Demand Draft / Pay Order/F.D (pledged in favour of **The Odisha State Police Housing & Welfare Corporation Ltd.**) drawn on any Nationalized Bank payable at Bhubaneswar which the tender shall be rejected.
2. The bidders are requested to submit the copy of the purchase receipt of showing cost of tender paper/D.D in case of down loaded along with the attested copies of valid H.T./M.V license from ELBO, Income tax return copy, PAN, TIN , GST certificate, EPF 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. Additional performance Security: (Ammendment to Para 3.5.5(v)Note-ii of OPWD Code Vol-I by modification)  
(Revised/substituted as per Works Deptt. Office Memorandum No.5288 dt.04.05.2016)  
Additional Performance Security shall be obtained from the bidder when the bid amount is less than the estimated cost put to tender. In such an event, the bidders who have quoted less bid price/ rates than the estimated cost put to tender shall have to furnish the exact amount of differential cost i.e. estimated cost put to tender minus the quoted amount as Additional Performance Security in shape of Demand Draft / Term Deposit Receipt pledged in favour of the **OSPH&WC, Bhubaneswar and payable at Bhubaneswar**, in the sealed envelop along with the price bid at the time of submission of bids.  
  
The bids of the technically qualified bidders will be opened for evaluation of the price bid. In case of the bidders quoting less bid price/rate than the estimated cost put to tender and have not furnished the exact amount of differential cost (i.e. estimated cost put to tender minus the quoted amount) as Additional Performance Security in shape of NSC / Term Deposit Receipt, their price bid will not be taken in to consideration for evaluation even if they have qualified in the technical bid evaluation.
4. 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.
5. 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.”

6. The tenders (also called bids) not submitted in prescribed format or in prescribed manner, shall be rejected at the risk and responsibility of bidder.
7. 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.
8. All the crucial figures, like rates and amount should be written in figures followed by words in a bracket.
9. 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.
10. The original documents of the successful lower bidder will be verified at the office of the undersigned within five (5) working days of opening of the bid failing which his tender is liable for rejection.
11. 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.
12. 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.
13. Use separate piece of paper where the space provided in the formats in this tender document for submission of information is not sufficient.
14. The contractor shall stand for guarantee against defective materials(except lamp in case of Area illumination work) / manufacturing defects 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.
15. 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.
16. The firms not having GST Registration certificate shall not be eligible for submitting the bids. The blacklisted firms shall also not be eligible for participating in the bid.



17. The tenders/bids can be sent by post or courier or dropped in the tender Box at Electrical Division Office as well. However, authorities shall not be responsible for postal or delays in receipt of bids.
18. 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.
19. 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.
20. 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.
21. Bids shall be opened in the presence of the bidders or their authorized representative.
22. Prices quoted for each item shall be all inclusive including GST, loading, unloading, transportation, insurance, watch and ward and Cess etc.
23. Advance payment /part payment will not be entertained before completion and handing over the work.
24. Deduction towards Labour Cess @ 1% shall be made from the gross amount of the contractor 's claim/bill.
25. No claim can be made due to some unforeseen delay for release of payment.
26. 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.***
27. All the transit risk shall be responsibility of the contractor.
28. Failure to complete the work in full within the stipulated period may lead to forfeiture of EMD and blacklisting of the contractor/firm.
29. The authorities are not bound to accept the lowest quoted rate.
30. Terms and conditions of this tender document cannot be negotiated for variations.

31. 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.
32. 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.
33. All materials required for the work should be approved brand of the concerned Distribution company. Before take up the work A.P.M (Electrical) shall verify/ certify the quality of materials.
34. Before installation of the transformer E&MR certificate shall be submitted along with CPRI certificate and guarantee certificate of the transformer shall be submitted.
35. LT bushing cover and tap changer shall be provided.
36. All the disputes shall be subject to Jurisdiction of Civil Courts situated at Bhubaneswar in exception to High Court Orissa,Cuttack.

**Signature & seal of the Bidder.**

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

**GENERAL BID FORM**  
**BID REFERENCE NO: - 11/ 2017-18/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” or “No” only**

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

**[B]Cost of T.P-A.P.S if any.**

**[C] Have you enclosed the copy of valid H.T. / M.V. License?**

**[D] Have you enclosed the copy of GST registration certificate?**

**[E] Have you enclosed the copy of PAN card?**

**[F] Have you enclosed the copy of EPF Registration certificate?**

**[G] Have you enclosed the copy of audited balance sheet?**

**[H] Copies of assessment return of income tax of last three years.**

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

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

**[J] If the answer to [I] 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.- 11/2017-18/ ELECT/OPHWC**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORKS OF EXTERNAL ELECTRIFICATION WORK OF 6-E+6-E TYPE QTRS. AT P.T.C ,ANGUL IN THE DIST. OF ANGUL.**

Sl. No.	NAME OF THE PROJECT	SCOPE OF WORK	QUOTED RATE ALL INCLUSIVE INCLUDING GST IN FIGURE & WORD	QUOTED AMOUNT ALL INCLUSIVE INCLUDING GST IN FIGURE & WORD
1	<b>EXTERNAL ELECTRIFICATION WORK OF 6-E+6-E TYPE QTRS. AT P.T.C ,ANGUL IN THE DIST. OF ANGUL.</b>	<p>I. Construction of 3 ph 3 wire 11 KV OH line using 11 Mtr. Long 100x116 mm RS Joist with 55 sq. mm Insulated Conductor -0.15 KMwith guarding 3 spans</p> <p>II. Installation of 63 KVA(3 Star Rated) 11/0.4KV DP mounted sub station using 11 mtr. Long 100 X116 mm RS Joist Pole alongwith Barbed Fencing (size 15'x10') with constn. Of retaining wall,erection of RCC fencing post,sand filing and metal spreading ,Fixing of iron grill gate etc.- 1 No.</p> <p>III. Construction of 3 ph 5 wire LT Line using 8 Mtr. Long 200 KG PSC Pole with 3x50+1x35+1x16 sq. mm AB cable -0.15 KM</p>		

Seal & Signature of the Contractor

Sd/-  
Asst. Project Manager (Elect.)

Sd/-  
APM Elect. (Hqr.)

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

**BILL OF QUANTITY**

**TENDER NO.- 11/2017-18/ ELECT/OPHWC**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORKS OF EXTERNAL ELECTRIFICATION WORK OF 6-E+6-E TYPE QTRS. AT P.T.C ,ANGUL IN THE DIST. OF ANGUL.**

<b>SCOPE [A]</b>	<b>I. Construction of 3 ph 3 wire 11 KV OH line using 11 Mtr. Long 100x116 mm RS Joist with 55 sq. mm Insulated Conductor -0.15 KMwith guarding 3 spans</b>		
<b>SCOPE [B]</b>	<b>II. Installation of 63 KVA(3 Star Rated) 11/0.4KV DP mounted sub station using 11 mtr. Long 100 X116 mm RS Joist Pole alongwith Barbed Fencing (size 15'x10') with constn. Of retaining wall,erection of RCC fencing post,sand filling and metal spreading ,Fixing of iron grill gate etc.- 1 No.</b>		
<b>SCOPE [C]</b>	<b>III. Construction of 3 ph 5 wire LT Line using 8 Mtr. Long 200 KG PSC Pole with 3x50+1x35+1x16 sq. mm AB cable -0.15 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 11 Mtr. Long 100x116 mm RS Joist with 55 sq. mm Insulated Conductor -0.15 KMwith guarding 3 spans</b>		
1	100x116 mm RS joist , 11 mtr Long	No	3
2	100x50x6 mm MS channel	KG	30
3	Top bracket 75x40mm MS Channel (1.3 kg each)	Nos	3
4	11 KV "V" Cross Arm (10.2 Kg ech)	Nos	3
5	Back Clamp for "V" cross arm 1.70 Kg each	Pair	3
6	11 KV GI Pin	No.	11
7	11 KV Pin Insulator	No.	11
8	11 KV Hard ware Fitting B&S	No.	6
9	11 KV Disc Insulator ( B&S ) double disc 70 KN	No.	12
10	Earthing of support (Coil type)	Nos	1
11	HT Stay Set Complete	Set	1
12	HT Stay Insulator	No.	1
13	Fixing 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.	1
14	HT Stay Clamp (1.95 Kg /Pair)	Pair	1
15	7/10 SWG Stay Wire10 Kg /stay	Kg	10
16	55 mm <sup>2</sup> insulated conductor	KM	0.46

17	Concreting of support C.C-1:4:8 using 40mm BHG metal size-5'x2'x2'=20 Cft=0.570 Cum padding 900x600x150mm=0.081 0.651Cumx3071.25=1999.38 each	Nos	3
18	Couping of support section 15"x15" (3.9 Cft) height 2'-6' (1'-6" above G.L & 1'-0' below G.L) in C.C 1:2:4 using 12mm BHG metal & couring for 5 days	Nos	3
19	Red Oxide Paint	Ltr	3.5
20	Alluminium Paint	Ltr	3.5
21	Black Paint	Ltr	3
22	GI barbed wire anticlimbing device (2 kg per support)	Kg	1
23	MS Nut, Bolt & Washer	Kg	6
24	Sundries for survey,tree cutting, small size nut bolt, Allm. Binding wire/tape & Danger board 4 nos etc.	LS	0.15
<b>Guarding for Road Crossing</b>			
25	50X50X6mm MS Angel (4.5 Kg/mtr)	Kg	60
26	No-8 GI Stay wire (Dia 4.6mm)	Kg	60
27	I Hook	Nos	12
<b>SCOPE [B]</b>	<b>II. Installation of 63 KVA(3 Star Rated) 11/0.4KV DP mounted sub station using 11 mtr. Long 100 X116 mm RS Joist Pole alongwith Barbed Fencing (size 15'x10') with constn. Of retaining wall,erection of RCC fencing post,sand filing and metal spreading ,Fixing of iron grill gate etc.- 1 No.</b>		
1	100x116 mm RS joist , 11 mtr Long	No	<b>2</b>
2	Pressure Channel (100x50x6)mm MS Channel each 2.8 mtr. Long (9.2Kg/mtr)x2nos .	K.g	51.52
3	T/F mounting channel(100x50x6)mm GI channel each 2.8 mtr Long,(9.2Kg/mtr)x2Nos	K.g	51.52
4	AB switch & HG Fuse , mounting channel(GI)(75x40x6)mm,each 2.8 mtr Long,4 nos(6.8Kg/mtr)	K.g	76.16
5	Cantilever channel for supporting AB Switch Arm 75x40x6-1mtr long,2 Nos (6.8Kg/Mtr)	K.g	13.6
6	Cantilever channel for supporting HG fuse 50x50x6 mm GI Angel -1mtr long,2 Nos (4.5Kg/Mtr)	K.g	9
7	Angle for cantiliver arrangement for AB Switch & HG fuse 50x50x6-2 mtr each 2 Nos(4.5Kg/Mtr)	K.g	18
8	T/F Belting angle (50x50x6)mm - 2.8 mtr Long,2 nos(4.5Kg/mtr),with side angle (Total 7 Mtr)	K.g	31.5
9	Angle for Mounting LT distribution Box (50x50x6) mm GI Angel 2.5 mtr Long,2 nos(4.5Kg/Mtr)	K.g	22.5
10	11 KV AB switch 3 pole (200Amp)	Set	1
11	11KV HG Fuse 3 pole (400Amp)	No.	1

12	11 KV LA 12KV-10KA	No.	3
13	HT Stay Clamp(1.95 Kg/pair)	Pair	2
14	HT Stay Set (Complete)	Set	2
15	HT Stay Insulator	No	2
16	7/10 SWG GI Stay Wire	Kg	20
17	GI Pipe Earthing 40 Dia medium gauge 3 mtrs long	No.	5
18	GI Flat	Kg	80
19	40x6mm GI flat for nutral	Kg.	20
20	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.	2
21	Concreting of support C.C-1:4:8 using 40mm BHG metal size-5'x2'x2'=20CFT = 0.570Cum Padding 900x600x150mm = <u>0.081</u> 0.651Cum @ 3071.25=1999.38	No.	2
22	Couping of support section 15"x15" (3.9Cft)height 2'-6' (1'-6" above G.L & 1'-0" below G.L)in C.C 1:2:4 using 12mm BHG metal &curing for 5 days	No	2
23	Materials for Massionary work for earth Pit, Charcoal, Salt etc including construction of earthing chamber (size 2'x2') and RCC slab cover	No.	5
24	55 sq. mm insulated Conductor	Km.	0.04
25	Red Oxide paint	Ltr	3
26	All. Paint	Ltr	4
27	Black Paint	Ltr	0.5
28	MS nut,Bolt & washer	K.g	36
29	63 KVA,11/0.4 KV 3 star rated TFR AL	No.	1
30	LT distribution box including kit kat fuse with MCCB for 63 KVA S/S(As per cesu specification)	No.	1
31	3 1/2 x 95 sqmm pvc cable for 63 KVA TFR	Mtr	15
32	Barbed wire fencing(15'x10') with construction of retaining wall, sand filling, metal spreading & fixing of iron grill gate as per CESU.	No.	1
33	sundries for survey , pvc tape ,ampire tape, Danger Board ,Small size nut &bolt ,preparation of Drawing, cable socket etc	LS	1
<b>SCOPE [C]</b>	<b>III. Construction of 3 ph 5 wire LT Line using 8 Mtr. Long 200 KG PSC Pole with 3x50+1x35+1x16 sq. mm AB cable -0.15 KM</b>		
1	8 Mtr long 200 Kg PSC Pole	Nos	4

2	Concrete slab for base place size 2ftx2ftx2" thickness for each PSC Pole	Nos	4
3	LT Stay set complete	Set	4
4	7/12 SWG Stay wire	Kg	40
5	LT Stay clamp (1.4 Kg/Pair)	Pair	4
6	LT Stay Insulator	Nos	4
7	Fixing and concreting of stay set with 0.5 Cum cement concrete foundation 1:3:6 size (900mmx600mmx900mm) using 40mm BHG metal with all labour and material except stay set, stay wire, stay insulator	Nos	4
8	Dead end Clamp	Nos	4
9	Suspension clamp with I-Hook	Nos	3
10	Nuts & Bolts	Kg	4
11	Earthing Coil each 5th pole to earth	Nos	1
12	AB Cable (3x50+1x35+1x16 mm2)	Km	0.155
13	Sundries for survey, tree cutting, insulated tape etc	LS	0.15

**Seal & Signature of the Contractor**

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

Sd/-  
**APM Elect. (Hqr.)**