

**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

BID REFERENCE NO: - 10/ 2017-18/ELECT/ OPHWC

**SCHEDULE OF TENDER FOR EXTERNAL ELECTRIFICATION WORKS FOR POWER
SUPPLY TO MARINE POLICE STATION BUILDING AT CHANDRABHAGA POLICE
STATION IN THE DIST. OF PURI.**

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

SHORT TENDER CALL NOTICE

BID REFERENCE NO: - 10/ 2017-18/ELECT/ OPHWC

1. Sealed short tender in the prescribed form with detailed Tender Call Notice for execution of External Electrification work of different projects are invited in single cover system from the enlisted H.T. 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 GST	Period of completion	Eligibility Range
1	External Electrification work of 2 Nos. 6-E & 2 Nos.2-F type Qtrs. at Industrial Police Station,Balasore in the Dist. of Balasore.	Rs.7,66,416.00	Rs.7,664.00	Rs.4,720.00	90 days	Upto 10 lakh & above
2	LT Line Extension work for power supply to 1-D,3-E & 8-F type Qtr. and 1 No. pump House at Kundra Fire Station in the Dist. of Koraput.	Rs.1,08,557.00	Rs.1,086.00	Rs.7,08.00	90 days	Upto 10 lakh & above
3	External Electrification work of Ekalabya Model residential School at Dumuribahal,Bolangir in the Dist. of Bolangir	Rs.11,61,080.00	Rs.11,611.00	Rs.7,080.00	90 days	20 lakh & above
4	External Electrification work of 1-D,2-E & 4-F type Qtr. at Kashinagar Fire Station in the Dist. of Gajapati	Rs.4,72,729.00	Rs.4,728.00	Rs.2,360.00	90 days	Upto 10 lakh & above
5	LT Line Extension work of 4-D type Qtr. at Dist. Police Hqr.Paralakhemundi in the Dist. of Gajapati.	Rs.4,94,419.00	Rs.4,944.00	Rs.2,360.00	90 days	Upto 10 lakh & above
6	External Electrification work of CAPF(Temporary Acoomodation) for CAPF Battalion Head Quarter at the Location of Attanguda	Rs.7,75,511.00	Rs.7,755.00	Rs.4,720.00	90 days	Upto 10 lakh & above

	,Bhawanipatna in the Dist. of Kalahandi.					
7	External Electrification work for Upgradation of Sub-station at Reserve Office ,Parlakhemundi in the Dist. of Gajapati.	Rs.9,48,464.00	Rs.9,485.00	Rs.4,720.00	90 days	Upto 10 lakh & above
8	External Electrification work of Marine Police Station Building at Chandrabhaga in the Dist. of Puri.	Rs.6,78,696.00	Rs.6,787.00	Rs.4,720.00	90 days	Upto 10 lakh & above
9	External Electrification work of Melchhamunda Police Station in the Dist. of Bargarh.	Rs.5,26,156.00	Rs.5,262.00	Rs.4,720.00	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.

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 contract 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 short 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.01/09/2017 .Short 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 Short 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.”** 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. 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 short 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 “Short Tender for external electrification works, Tender No., Name of the Project etc.”
9. The short tender document is available from :10 AM on Dt.28.08.2017
10. Last date for issue of short tender document is up to : 05.00 PM on Dt.01.09.2017
11. Last date for receipt of short tender document is up to :12.30 PM on Dt.04.09.2017
12. Date of opening of bid at : 03.30 PM on Dt.04.09.2017
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: - 10/ 2017-18/ELECT/ OPHWC

1. The short 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. 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 “Short Tender for external electrification works, Tender No., Name of the Project etc.” .
6. The short 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***.
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 short 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: - 10/ 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” of “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. 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 short 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 short 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

SHORT TENDER NO.- 10/2017-18/ ELECT/OPHWC

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK OF MARINE POLICE STATION BUILDING AT CHANDRABHAGA IN THE DIST. OF PURI.

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	EXTERNAL ELECTRIFICATION WORK OF MARINE POLICE STATION BUILDING AT CHANDRABHAGA IN THE DIST. OF PURI.	<p>I. Construction of 3 Ph 3 W 11 KV Line using 11 Mtr. Long 100x116 mm RS Joist with 55 sq. mm Insulated conductor-0.090 Km</p> <p>II. Installation of 25 KVA(1 Star Rated) 11/0.4KV DP mounted sub station using 9 Mtr. Long 300 KG PSC Pole with Boundary wall around the S/S of size 20'x15' with spreading of metal and sand filling inside sub-station premises with fixing of grill gate- 1 No.</p> <p>III. Construction of 11 KV Line DP with AB switch arrangement using 9 Mtr. Long 300 kG PSc Pole -1 No</p> <p>IV. Renovation of existing 11 KV Line DP with AB Switch arrangement -1 No.</p> <p>V. Construction of 3 ph 5W LT Line using 8/ Mtr. Long 200 KG PSC pole with 3x50+1x35+1x16 sq. mm AB Cable-0.130 Km</p>		

Seal & Signature of the Contractor

Sd/-
APM Elect. (Hqr.)

Sd/-
Asst. Project Manager (Elect.)

OFFICE OF THE CHAIRMAN-CUM- MANAGING DIRECTOR.
ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.,
BHUBANESWAR.
BILL OF QUANTITY
SHORT TENDER NO.- 10/2017-18/ ELECT/OPHWC

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK OF MARINE POLICE STATION BUILDING AT CHANDRABHAGA IN THE DIST. OF PURI.

SCOPE [A]	I. Construction of 3 Ph 3 W 11 KV Line using 11 Mtr. Long 100x116 mm RS Joist with 55 sq. mm Insulated conductor-0.090 Km		
1	116x100mm RS Joist (11 mtr long) (23.6 Kg/mtr) (Each cost -259.6 kgxRs. 55.00/Kg=Rs.14278.00)	No	1
2	9 mtr long 300 Kg PSC pole	No	1
3	11 KV GI V Cross arm (10.2 kg each)	Nos	2
4	Top bracket (75x40x6mm MS channel) (1.3kg each)	Nos	2
5	Back Clamp for V-Cross arm (1.7kg each)	Pair	2
6	11 KV GI Pin	Nos	6
7	11 KV Pin Insulator	Nos	6
8	11 KV HW fitting (B&S)	Nos	3
9	11 KV Disc Insulator (B&S) 70KN (Double Disc Provision)	Nos	6
10	HT Stay Set (Complete)	Set	2
11	Stay Insulator	Nos	2
12	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	Nos	2
13	HT Stay Clamp (1.95kg/Pair)	Pair	2
14	7/10 GI Stay Wire (10 Kg/Stay)	Kg	20
15	Earthing of support (Coil Type)	Nos	2
16	55mm ² Insulated Conductor	Km	0.278
17	Concreting of support C.C-1:4:8 using 40mm BHG metal size-5'x2'x2'=20CFT = 0.570Cum Padding 900x600x150mm = 0.081 =0.651Cum @3071.25=1999.38 each	No	1
18	Couping of support section 15"x15" (3.9 Cft) height 2'-6" (1'-6" above GL & 1'-0" below GL) in CC 1:2:4 using 12mm BHG metal & curing for 5 days	Nos	2
19	Concrete base plate size 2ftx2ftx2" thickness for each PSC Pole	No	1
20	G.I barbed wire anticlimbing device 2kg per support	Kg	4
21	100x50x6mm GI Channel	Kg	26
22	Red oxide Paint	Ltr	2
23	Alluminium Paint	Ltr	2

24	Black Paint	Ltr	1
25	GI Nut, Bolt & Washer of different sizes	Kg	6
26	Sundries for survey, tree cutting, small size Nut & Bolt, Alluminium Binding Wire, Tape and Danger Board 4 nos etc and jumpering to be done through PG Clamp	LS	0.09
SCOPE [B]	II. Installation of 25 KVA(3 Star Rated) 11/0.4KV DP mounted sub station using 9 Mtr. Long 300 KG PSC Pole with Boundary wall around the S/S of size 20'x15' with spreading of metal and sand filling inside sub-station premises with fixing of grill gate- 1 No.		
1	9 mtr long 300 Kg PSC pole	Kg	2
2	Pressure Channel 100x50x6mm GI Channel each 2.8 Mtr long (9.2Kg/Mtr) x 2 Nos	Kg	51.52
3	Transformer mounting Channel 100x50x6mm GI Channel each 2.8 Mtr long (9.2 Kg/Mtr) x 2 Nos	Kg	51.52
4	AB switch & HG fuse mounting channel 75x40x6mm GI Channel each 2.8 mtr long (6.8Kg/mtr)x2 Nos	Kg	76.16
5	Cantilevel Channel for supporting AB switch arm, 75x40x6mm GI Channel each 1 mtr long (6.8Kg/mtr)x2 Nos	Kg	13.6
6	Cantilevel Angel for supporting HG fuse, 50x50x6mm GI Angel each 1 mtr long (4.5Kg/mtr)x2 Nos	Kg	9
7	Angel for cantilever arrangement for AB switch & HG fuse, with 50x50x6mm GI Angel each 2 mtr long (4.5Kg/mtr)x2 Nos	Kg	18
8	Tranformer belting Angel 50x50x6mm GI Angel 2.8mtr long 2 nos (4.5 Kg per mtr) with side angel (Total 7 mtr)	Kg	31.5
9	Angel for mounting LT distribution box 50x50x6mm GI Angel 2.5 mtr each long 2 nos (4.5 Kg/mtr)	Kg	22.5
10	11 KV HW fitting (B&S)	Nos	3
11	11 KV Disc Insulator (B&S) 70KN (Double Disc Provision)	Nos	6
12	11 KV AB switch 3 pole (200 Amp)	Set	1
13	11 KV HG Fuse 3 pole (400 Amp)	Set	1
14	11 KV L.A, 12 KV-10 KA	Nos	3
15	HT Stay Set (Complete)	Set	2
16	HT Stay Insulator	Nos	2
17	HT Stay Clamp (1.95kg/Pair)	Pair	2
18	7/10 SWG Stay wire	Kg	20
19	GI Pipe for Earthing 40mm Dia Medium gage 3 mtr long	Nos	5
20	25x5mm GI Flat	Kg	120

21	40x6mm GI Flat for Neutral	Kg	20
22	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	Nos	2
23	Concreting of support C.C-1:4:8 using 40mm BHG metal size-5'x2'x2'=20CFT = 0.570Cum Padding 900x600x150mm = 0.081 =0.651Cum @3071.25=1999.38 each	Nos	2
24	Couping of support section 15"x15" (3.9 Cft) height 2'-6' (1'-6" above GL & 1'-0" below GL) in CC 1:2:4 using 12mm BHG metal & curing for 5 days	Nos	2
25	Materials for Massionary work for Earth pit, charcoal, salt etc including construction of earthing Chamber (size:2'x2') and RCC slab cover	Nos	5
26	55mm ² Insulated Conductor	Km	0.04
27	GI Nut, Bolt & Washer	Kg	36
28	25 KVA 11/0.4 KV 1 star rated outdoor type oil immersed Transformer with provision of LT end Box and sealing arrangement	No	1
29	LT Distribution Box including Kit Kat Fuse with MCCB for 25 KVA S/S (As per CESU specification)	No	1
30	3 1/2 x 35mm ² PVC cable for 25 KVA TFR	Mtr	15
31	Boundary wall around the S/S of size 20'x15' with spreading of metal and sand filling inside sub-station premises with fixing of grill gate (Specimen copy enclosed with specification) Annexure-I	No	1
32	Sundries for survey, tree cutting, small size Nut & Bolt, Alluminium Binding Wire, Tape and Danger Board 4 nos etc and jumpering to bo done through PG Clamp	LS	1
SCOPE [C]	III. Construction of 11 KV Line DP with AB switch arrangement using 9 Mtr. Long 300 kG PSc Pole -1 No		
1	9 mtr long 300 Kg PSC pole	Nos	2
2	Pressure Channel 100x50x6mm GI Channel each 2.8 Mtr long (9.2Kg/Mtr) x 2 Nos	Kg	51.52
3	Pole supporting channel 75x40x6mm GI Channel each 2.8 mtr long (6.8Kg/mtr)x2 Nos	Kg	38.08
4	Supporting Angel 50x50x6mm GI Angel each 4.2 Mtr long (4.45Kg/mtr) X 2 nos	Kg	37.38
5	Clamp for supporting Channel (1.7 Kg each)	Pair	4
6	AB switch mounting channel 75x40x6mm GI Channel each 2.8 mtr long (6.8Kg/mtr)x2 Nos	Kg	38.08

7	11 KV AB switch 3 pole (400 Amp)	Set	1
8	Concreting of support C.C-1:4:8 using 40mm BHG metal size-5'x2'x2'=20CFT = 0.570Cum Padding 900x600x150mm = 0.081 =0.651Cum @3071.25=1999.38 each	Nos	2
9	Couping of support section 15"x15" (3.9 Cft) height 2'-6' (1'-6" above GL & 1'-0" below GL) in CC 1:2:4 using 12mm BHG metal & curing for 5 days	Nos	2
10	Earthing of support (Coil Type)	Nos	2
11	GI Pipe for Earthing 40mm Dia Medium gage 3 mtr long	No	1
12	25x5mm GI Flat	Kg	40
13	Materials for Massionary work for Earth pit, charcoal, salt etc including construction of earthing Chamber (size:2'x2') and RCC slab cover	No	1
14	11 KV HW fitting (B&S)	Nos	6
15	11 KV Disc Insulator (B&S) 70KN (Double Disc Provision)	Nos	12
16	HT Stay Set (Complete)	Set	4
17	HT Stay Insulator	Nos	4
18	HT Stay Clamp (1.95kg/Pair)	Pair	4
19	7/10 SWG Stay wire	Kg	40
20	Fixing of stay set with 0.5Cum 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
21	55mm ² AAAC	Km	0.062
22	GI barbed wire anticlimbing device 2 Kg per support	Kg	4
23	GI Nut, Bolt & Washer of different sizes	Kg	18
24	Sundries for survey, tree cutting, small size Nut & Bolt, Alluminium Binding Wire, Tape and Danger Board 4 nos etc and jumpering to bo done through PG Clamp	LS	
SCOPE [D]	IV.Renovation of existing 11 KV Line DP with AB Switch arrangement -1 No.		
1	Pressure Channel 100x50x6mm GI Channel each 2.8 Mtr long (9.2Kg/Mtr) x 2Nos	Kg	51.52
2	Pole supporting channel 75x40x6mm GI Channel each 2.8 mtr long (6.8Kg/mtr)x2 Nos	Kg	38.08
3	Supporting Angel 50x50x6mm GI Angel each 4.2 Mtr long (4.45Kg/mtr) X 2 nos	Kg	37.38
4	Clamp for supporting Channel (1.7 Kg each)	Pair	4

5	AB switch mounting channel 75x40x6mm GI Channel each 2.8 mtr long (6.8Kg/mtr)x2 Nos	Kg	38.08
6	11 KV AB switch 3 pole (400 Amp)	Set	1
7	GI Pipe for Earthing 40mm Dia Medium gage 3 mtr long	No	1
8	25x5mm GI Flat	Kg	40
9	Nuts & Bolts	No	1
10	11 KV HW fitting (B&S)	Nos	6
11	11 KV Disc Insulator (B&S) 70KN (Double Disc Provision)	Nos	12
12	GI Nut, Bolt & Washer of different sizes	Kg	18
13	Sundries for survey, tree cutting, small size Nut & Bolt, Alluminium Binding Wire, Tape and Danger Board 4 nos etc and jumpering to be done through PG Clamp	LS	
SCOPE [E]	V.Construction of 3 ph 5W LT Line using 8/ Mtr. Long 200 KG PSC pole with 3x50+1x35+1x16 sq. mm AB Cable-0.130 Km		
1	8 mtr long 300 Kg PSC pole	Nos	4
2	Concrete base plate 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 (1.4Kg/Pair)	Pair	4
6	LT Stay Insulator	Nos	4
7	Fixing of stay set with 0.5Cum 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	2
9	Suspension Clamp with I-Hook	Nos	3
10	Strain Fittings	No	1
11	Guy grip Dead End	No	1
12	Nuts & Bolts	Kg	4
13	AB Cable (3x50+1x35+1x16mm ²)	Km	0.134
14	Insulated Piercing Connector	Nos	4
15	Sundries for survey, tree cutting, insulated tape etc	LS	0.13

Seal & Signature of the Contractor

Sd/-
Asst. Project Manager (Elect.)

Sd/-
APM Elect. (Hqr.)