

**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: - 11 / 2014-15 /ELECT/ OSPH&WC

**SCHEDULE OF TENDER FOR EXTERNAL ELECTRIFICATION WORK AT NIALI
FIRE STATION 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.
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TENDER CALL NOTICE

BID REFERENCE NO: - 11/ 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 Skill Development center ,Rajamunda in the Dist. of Deogarh.	Rs. 1,04862.00	Rs.1049.00	Rs.624.00	45 days	Up to 10 lakh & above
2	External electrification work of Niali Fire Station in the Dist. of Cuttack.	Rs. 5,61,054.00	Rs.5611.00	Rs.4160.00	45 days	Up to 10 lakh & above
3	External electrification work LT Extension of Dist. Probation Officer Qtrs.(1-E+1-F),Office Bldg. and Jail Staff Qtr. (4-F),Phulbani in the Dist. of Kandhamal.	Rs. 1,19,160.00	Rs.1192.00	Rs.624.00	45 days	Up to 10 lakh & above
4	External electrification work of Model Convict Prison at Athagarh in the Dist.	Rs.15,45,860.00	Rs.15,459.00	Rs.6240.00	45 days	10 lakh above

	of Cuttack.					
5	External electrification work of Sadar Police Station at Khordha in the Dist. of Khordha.	Rs. 5,41,345.00.00	Rs.5413.00	Rs.4160.00	45 days	Up to 10 lakh & above
6	Area illumination work of Tarbod Out Post in the Dist. of Nuapada.	Rs. 5,07,980.00	Rs.5080.00	Rs.4160.00	45 days	Up to 10 lakh & above
7	Area illumination work of Beltukuri Out Post in the Dist. of Nuapada.	Rs. 3,08,470.00	Rs.3085.00	Rs.2080.00	45 days	Up to 10 lakh & above
8	Area illumination work of Lakhana Out Post in the Dist. of Nuapada.	Rs. 5,88,480.00	Rs.5885.00	Rs. 4160.00	45 days	Up to 10 lakh & above
9	External electrification work of Dharakote Fire Station in the Dist. of Berhampur	Rs. 3,44,432.00	Rs.3444.00	Rs.2080.00	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.02.03.2015 . 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 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 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 area illumination works, Tender No., Name of the Project etc.”
8. The tender document is available from :10 AM on Dt.18.02.2015
9. Last date for issue of tender document is up to : 05.00 PM on Dt.02.03.2015
10. Last date for receipt of tender document is up to : 12.30 PM on Dt.04.03.2015
11. Date of opening of bid at : 03.30 PM on Dt.04.03.2015
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 Manger (Elect.)

GENERAL CONDITIONS OF THE CONTRACT
BID REFERENCE NO: - 11 / 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/-
Joint Manger (Elect.)**

GENERAL BID FORM
BID REFERENCE NO: - 11 / 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/-
Joint Manger (Elect.)**

OFFICE OF THE CHAIRMAN-CUM- MANAGING DIRECTOR.

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

BILL OF QUANTITY

TENDER NO.- 11/2014-15/ ELECT/OSPH&WC

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORKS FOR POWER SUPPLY NIALI FIRE STATION IN THE DIST. OF CUTTACK.

Sl. No.	NAME OF THE PROJECT	SCOPE OF WORK	QUOTED RATE INCLUSIVE OF ALL IN FIGURE	QUOTED RATE INCLUSIVE OF ALL IN WORD.
1	NIALI FIRE STATION IN THE DIST. OF CUTTACK.	<p>I. Construction of 3 ph 3 wire 11 KV OH line with 100x116 mm 9 mtr. Long RS Joist pole -2 Nos & 9 mtr. Long 300 KG PSC pole -2 Nos using 55 sq.mm AAA Conductor with double disc arrangement and shifting of existing 11 KV line AB Switch D.P. -0.02 KM .(Span Length 60 Mtr.)</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 1ph 2 W LT Line using 8 mtr. long 200 KG PSC Pole with 1x35+1x25 sq.mm AB cable -0.12 KM and Dismantalling of existing LT Line.(3 span)</p> <p>IV.Construction/ Shifting of Existing 16 KVA 11/0.23KV SP Mounted S/S with 9 Mtr. Long 300 KG PSC Pole alongwith 11 KV AB Switch-1 No</p>		

Seal & Signature of the Contractor

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

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

BILL OF QUANTITY

TENDER NO.- 11/2014-15/ ELECT/OSPH&WC

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORKS FOR POWER SUPPLY NIALI FIRE STATION IN THE DIST. OF CUTTACK.

SCOPE [A]	I. Construction of 3 ph 3 wire 11 KV OH line with 100x116 mm 9 mtr. Long RS Joist pole -2 Nos & 9 mtr. Long 300 KG PSC pole -2 Nos using 55 sq.mm AAA Conductor with double disc arrangement and shifting of existing 11 KV line AB Switch D.P. -0.02 KM .(Span Length 60 Mtr.)		
SCOPE [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.		
SCOPE [C]	III. Construction of 1ph 2 W LT Line using 8 mtr. long 200 KG PSC Pole with 1x35+1x25 sq.mm AB cable -0.12 KM and Dismantalling of existing LT Line.(3 span)		
SCOPE [D]	IV.Construction/ Shifting of Existing 16 KVA 11/0.23KV SP Mounted S/S with 9 Mtr. Long 300 KG PSC Pole alongwith 11 KV AB Switch-1 No		
SCOPE [A]	I. Construction of 3 ph 3 wire 11 KV OH line with 100x116 mm 9 mtr. Long RS Joist pole -2 Nos & 9 mtr. Long 300 KG PSC pole -2 Nos using 55 sq.mm AAA Conductor with double disc arrangement and shifting of existing 11 KV line AB Switch D.P. -0.02 KM .(Span Length 60 Mtr.)		
SL. NO.	Description of Materials	Unit	Qty
1	300kg 9mtr long PSC pole	No	2
2	100x116mm RS Joist (9mtr x 23.0 Kg = 207Kg each) Each cost 207x55.00 = 11385.00	No	2
3	11 KV V cross Arm (10.2 k.g.each)	No	2
4	Top bracket 75x40mm MS channel (1.3kg each)/	No	2
5	Back Clamp for V cross Arm 1.70kg each	Pair	2
6	11 K.V. GI Pin	No	12
7	11 K.V. Pin Insulator	No	12
8	11 K.V. H.W. Fitting (B & S)	No	42
9	11 K.V. DISC Insulator (B & S) Double Disc 70KN	No	21
10	H.T. Stay set (Complete)	Set	5
11	H.T. Stay Insulator	No	5

12	Fixing of stay set with 0.5Cum cement concret foundation 1:3:6 size (900mm x 600mm x900mm) using 40mm BHG metal with all labour and material expect stay set, stay wire, stay insulator	No	5
13	H.T. Stay clamp (1.95 K.g./ Pair)	Pair	5
14	7/10 SWG Stay Wire 10Kg /stay	K.g.	75
15	Earthing of Support (Coil type)	No	4
16	55 mm ² AAAC	K.M.	0.5562
17	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 x 3071.25 = 1999.38 each (for 9Mtr. Long PSC cut point and every 9Mtr.Long joist pole)	No	4
18	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 (0.111 x 4616.25 = 512.40) for each joist pole	No	2
19	Red Oxide paint	Ltr	3
20	Aluminium Paint	Ltr	3
21	Black paint	Ltr	1
22	11 KV AB Switch, 3Pole, 400Amp, Vertical type	Set	1
23	40mm. Dia Earthing device, 3Mtr. Long	No	1
24	No. 6 GI wire	K.g.	10
25	Materials for Massionary work for earth Pit, charcoal, Salt etc including construction of earthing chamber (Size: 2'x2') and RCC slab cover	No	1
26	GI barbed wire anticlimbing device 3 Kg. Per support	K.g.	12
27	100 x 50 x 6 mm MS Channel for 3 nos Cut point & DP	K.g.	115
28	75x40x6 mm. MS Channel for DP with AB Switch	K.g.	81.6
29	50x50x6 mm. MS Angel for Bracing, Cantilever	K.g.	40.5
30	Ms Nut, Bolt & Washer of different sizes	K.g.	21
31	Sundries for survey tree cutting, small size nut bolt, Allm, Binding wire / tape & Danger Board 4 Nos. etc.	LS	0.2
SCOPE [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.		
SL. NO.	Description of Materials	Unit	Qty

1	100x116 mm RS Joist, 9 mtr long x 2 nos x 23 Kg = 414 Kg	K.g.	414
2	Pressure Channel 100 x 50 x6mm MS channel each 2.8 mtr. Long (9.2 K.g. per mtr)x 2 Nos	K.g.	51.52
3	Transfomer mounting chhanel 100 x 50 x 6mm MS channel each 2.8 mtr. Long (9.2 K.g. per mtr)x2 Nos	K.g.	51.52
4	AB Switch & HG Fuse, Mounting Channel 75x40x6 -2.8 mtr. Long, 4 nos. (6.8 K.g. per mtr.)	K.g.	76.16
5	Cantilever chhanel for supporting AB Swaitch arm, 75x40x6 -1 mtr, Long, 2 nos. (6.8 K.g. per mtr.)	K.g.	13.6
6	Cantilever chhanel for supporting HG Fuse 50 x 50 6 mm MS Angel (1.0 mtrs. Long 2 nos.)4.5 K.g. per mtr.	K.g.	13.6
7	Angel for Cantilever arrangement for AB Switch & HG Fuse 50 x 50 x 6 -2 mtr. each 2 nos. (4.5 K.g. per mtr.)	K.g.	18
8	Transfomer belting Angel 50 x 50x 6 mm -2.8 mtr. Long 2 nos. (4.5 K.g. per mtr) with side angel (Total 7 mtr.)	K.g.	31.5
9	Angel for mounting LT distribution Box 50 x 50 x 6 mm MS Angel- 2.5 mtrs. each Long 2 nos. (4.5 K.g. per mtr)	K.g.	22.5
10	11 KV AB Switch 3 Pole (200 Amp.)	Set	1
11	11KV HG Fuse 3 Pole (400 Amp)	No	1
12	11 KV L.A. 12KV-10KA	No	3
13	H.T. Stay set (Complete)	Set	2
14	H.T. Stay Insulator	No	2
15	H.T. Stay clamp (1.95 K.g./ Pair)	Pair	2
16	7/10 SWG Stay Wire	K.g.	30
17	Gi Pipe Earthing 40 Dia Medium gauge 3 mtrs. Long	No	5
18	No. 6 GI wire	K.g.	20
19	40x6mm GI flat for nutral	K.g.	20
20	Fixing of stay set with 0.5Cum cement concret foundation 1:3:6 size (900mm x 600mm x900mm) using 40mm BHG metal with all labour and material expect 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 each	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	55mm2 AAAC	Km	0.04
25	Red Oxide paint	Ltr	5
26	All. Paint	Ltr	5
27	MS Nut, Bolt & Washer	K.g.	1
28	25KVA, 11/0.4KV 3 star rated TFR AL	No	1
29	L.T. Distribution box including Kit Kat fuse with MCCB for 25KVA S/S (As per CESU specification)	No	1
30	3 1/2 x 35mm2 PVC Cable for 25 KVA TFR.	Mtr.	15
31	Barbed Fencing (size 15'x10') with constin. Of retaining wall, erection of RCC fencing post, Sand filling and metal spreading, Fixing of Iron grill gate etc as per CESU specification (For 25KVA/ 63KVA/100KVA)	No	1
32	Sundries for survey, PVC tape, Ampire tape, Danger Board, small size nut & Bolt preparation of drawing Allm. Socket etc (For 25KVA/63KVA/100KVA)	LS	1
SCOPE [C]	III. Construction of 1ph 2 W LT Line using 8 mtr. long 200 KG PSC Pole with 1x35+1x25 sq.mm AB cable -0.12 KM and Dismantalling of existing LT Line.(3 span)		
1	8 Mtr. Long 200 Kg. PSC Pole	No	3
2	PCC(1:4:8) for PSc Pole for padding using 40mm, BHG metal size-(0.5x0.5x0.075=0.01875 CUM)	No	3
3	PCC (1:2:4) for PSC Pole for concreting using 12mm. BHG metal size-(0.5x0.5x1=0.25 CUM)	No	3
4	LT Stay set Complete	Set	2
5	7/12 SWG Stay Wire	K.g.	24
6	LT Stay clamp (1.4 K.g../Pair)	pair	2
7	LT Stay Insulator	No	2

8	Fixing and concreting of stay set with 0.5Cum cement concret foundation 1:3:6 size (900mm x 600mm x900mm) using 40mm BHG metal with all labour and material expect stay set, stay wire, stay insulator	No	2
9	Dead end clamp	No	2
10	Suspension clamp with I-Hook	No	2
11	Starin fittings	No	2
12	Guy grip Dead end	No	2
13	Nuts and Bolts	Kg	2
14	Earthing Coil each 5th pole to earth	No	1
15	AB Cable (1x35+1x25mm ²)	K.m.	0.12
16	Sundries for survey, tree cutting, insulated tpe etc.	LS	0.12
SCOPE [D]	IV.Construction/ Shifting of Existing 16 KVA 11/0.23KV SP Mounted S/S with 9 Mtr. Long 300 KG PSC Pole alongwith 11 KV AB Switch-1 No		
SL. NO.	Description of Materials	Unit	Qty
1	9 Mtr. Long 300 Kg PSC Pole	No	1
2	Top channel(100 x 50 x6mm 1.2 Mtr. Long 2 Nos.)9.2Kg/ Mtr.	K.g.	22.08
3	Transfomer Mounting Bracket (65x65x6)Ms Angel suitable for 16/10KVA 11/0.23 KV Transformer	No	1
4	AB switch mounting bracket 75x40x6 mm-6 mtr. Long(6.8Kg/Mtr.)	K.g.	40.80
5	Cantilever for supporting A.B. Switch Arm 50x40x6 mm Angel-3.5mtr. Long (4.5 K.g./mtr.)	K.g.	15.75
6	Horn Gap Fuse mounting Channel 75x40x6mm 2.2Mtr long (6.8 K.g./mtr.)	K.g.	14.96
7	11KV AB switch (2Pole) 200A	Set	1
8	11KV H.G Fuse (2 Pole)200A	Set	1
9	11KV L.A. 12KV-10KA	No	2
10	16mm ² 2 Core PVC cable	Mtr.	9
11	H.T. Stay set Complete	Set	1
12	H.T. Stay insulator	No	1
13	H.T. Stay clamp (1.95 K.g./ Pair)	Pair	1
14	7/10 Stay Wire	K.g.	15
15	G.I Pipe Earthing medium gage 3 Mtr Long 40mm dia	No	3
16	No 6 G.I. Wire	K.g.	10
17	25x3mm GI Flat	K.g.	20
18	Fixing and concreting of stay set with 0.5Cum cement concret foundation 1:3:6 size (900mm x 600mm x900mm) using 40mm BHG metal with all labour and material expect stay set, stay wire, stay insulator	No	1

19	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
20	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 5 days	Nos	1
21	Maerial for Massionary work for Earth Pit, Charcoal, salt etc including construction of earthing chamber (Size: 2'x2') and RCC slab cover	No	3
22	Jumpering materials	LS	1
23	MS N & B with materials	K.g.	20
24	LT Dist. Box incl. Kit Kat for 16KVA, TFR	No	1
25	Sundries (Almunium binding tape, insulating tape, Paint, Danger Board, anti Climbing Device, Binding Tape Allm. Cable socket etc.)	LS	1
PART-E Dismantled materials			
SL. NO.	Description of Materials	Unit	Qty
1	9 Mtr. Long 300 Kg PSC Pole	No	3
2	8Mtr.Long 200K.g. PSC Pole	No	3
3	100 x 50 x 6mm channel 9.2Kg/Mtr. (GI)	K.g.	110
4	75x40x6 mm. GI Angel for Bracing, Cantilever	K.g.	81.6
5	50x50x6 mm. GI Angel for Bracing, Cantilever	K.g.	40.5
6	Tranformer Mounting Bracket (65x65x6 Ms angel suitable for 16/10KVA 11/0.23 KV Tranformer	No	1
7	Horn Gap Fuse mounting Channel 75x40x6mm 2.2Mtr long (6.8 K.g./mtr.)	K.g.	14.96
8	11 KV H.G Fuse (2pole) 200 A	Set	1
9	11KV L.A. 12KV-10KA	No	2
10	HT stay clamp (1.95Kg/Pair)	Pair	1
11	G.I Pipe Earthing medium gage 3 Mtr Long 40mm dia	No	3
12	34mm ² AAAC	KM.	0.36
13	1x16+1x25mm ² ABC	KM.	0.12

Sd/-

Seal & Signature of the Contractor Asst. Project Manager (Elect.)

