

**NORTH EASTERN ELECTRICITY SUPPLY COMPANY OF ORISSA LIMITED
OFFICE OF THE CHIEF EXECUTIVE OFFICER**

Corporate Office: Januganj, Balasore – 756019, Orissa, Fax No.-06782-263259
Regd. Office: 123, Sec-A, Zone-A, Mancheswar Industrial Estate, Bhubaneswar-756010, Orissa

TENDER DOCUMENT
FOR

SUPPLY OF MATERIALS

TENDER NOTICE NO. 12326 , Dtd.06.8.08

- | | |
|---|---------------------|
| * The last date of and time of receipt of tenders : | 21.8. 08 up to 5 PM |
| * Date and time of opening of Technical Bids: | 22.8. 08 by 11AM |
| * Date and time of opening of Price Bids : | 29.8.08 by 11 AM |

Sd/-
General Manager (Works)
NESCO,Balasore.

NORTH EASTERN ELECTRICITY SUPPLY COMPANY OF ORISSA LIMITED

OFFICE OF THE CHIEF EXECUTIVE OFFICER

Corporate Office: Januganj, Balasore – 756019, Orissa, Fax No.-06782-263259

Regd. Office: 123, Sec-A, Zone-A, Mancheswar Industrial Estate, Bhubaneswar-756010, Orissa

TENDER NOTICE NO. 12326 / 08-09 , dtd.06.8.08

Sealed tenders are invited from reputed manufacturers / Authorized dealers for supply of different electrical items spread over following groups ,such as **Gr.-A** PSC pole, RS Joist, 105/90 Lb rail pole. **Gr.-B** 33KV pin insulator, 11KV/33KV post insulator, 33KV Disc insulator (T&C/B&S),LT Pin / Shackle insulator, 11KV composite insulator **Gr.-C** 11KV 3/2pole DO fuse, 11 KV/33KV LA, 11KV/33KV A.B Switch Spares **Gr.-D** Mounting bracket for 16/10 KVA transformer,33KV ‘V’ Cross Arm, Back clamp for 33KV/LT Cross Arm ,33KV Top Bracket(75x40x6mm channel),3Ph 5W/3Ph 4W/1Ph 2W LT Cross Arm, 3Ph. 4W Spacer, 33KV/LT GI Pin, G.I Strap with Nuts & Bolts for LT Shackle insulator,7/8 SWG G.I stay wire, C.I Knob, 33KV H.W fittings(T&C/B&S),P.G clamp of different sizes, **Gr.-E** Single & 3½ Core 50mm² /95mm² /120mm²/150mm²/185mm²/300mm² PVC(Un-Armored) Cable, 2 core 16 mm² PVC cable, Single core 35 mm² PVC/ XLPE cable, 2 core 16 mm²/50mm² XLPE LT cable, (3x95+1x100+1x16)mm² / (1x35 +1x25) mm² / (3x16+1x16) mm² / (1x16+1x10) mm² AB Cable, 2.5 mm² 7-core / 2.5mm² 4-core (Cu.) cable **Gr.-F** 11/33 KV Breaker, 11KV/33KV P.T, 11 KV/33KV C.T of different ratings, 11KV/33KV Cubicle of different ratings, 11KV/33KV Metering Units of different ratings, 24/30V Battery/ Battery charger **Gr.-G** Aluminium Cable Socket for(35/50/95/ 120/150/ 185/300) mm² cable. Tinned Copper fuse wire rating (10/20/30 /50/100/200) Amp., 33 KV/11KV cable jointing Kits(out door/ in door type) for (25/35/50/95) mm² cable, Kit- Kat fuse (100 Amp. to 500Amp.), 11KV/ 33KV hand gloves, PP Rope, Safety belt, Discharge rod.

The tender document will be available from this office during office hours on working days or from the website of NESCO i.e www.nescoorissa.com on payment of Rs.1000/- (One Thousand only) + VAT 4% (non-refundable) for each group in shape of cash/ Bank Draft in favour of NESCO Ltd. ,Balasore , from 11.8.08 to 20.8.08 . An amount of Rs.50/- only will be charged extra in case the tender documents is opted through post. The undersigned will not be held responsible for any postal delay on this account.

The tenders should be accompanied with the EMD @ 1% of the offered price (landing price at Balasore) in shape of Demand Draft (from any nationalized/ scheduled bank in favour of NESCO Ltd., Balasore. Tenders without the Earnest Money & receipt of tender paper cost will be considered as invalid. This office shall not be held responsible for any postal / courier delay in Submission of the tender document. Fax / website tender shall not be entertained.

N.B : * Sale of tender document(during office hrs. working days): **11. 8. 08 to 20.8. 08**

* The last date and time of receipt of tenders : **21.8. 08 up to 5 PM**

* Date and time of opening of Technical Bids: **22.8. 08 11 AM**

* Date and time of opening of Price Bids : **29.8.08 11 AM**

(in presence of bidders or their authorized representative)

The undersigned reserves the right to reject any or all tenders & distribute the works among the valid tenderers without assigning any reasons thereof.

Chief Executive Officer

**NORTH EASTERN ELECTRICITY SUPPLY COMPANY OF ORISSA LIMITED
OFFICE OF THE CHIEF EXECUTIVE OFFICER
CORPORATE OFFICE: JANUGANJ, BALASORE-756019**

SECTION – 1

INSTRUCTION TO TENDERERS

1. Tender papers of only those cases, which have purchased the tender paper from this office, will be considered. Original money receipts should be enclosed with the tender in the absence of which the offers will be rejected.
2. The purchaser may alter the quantities of materials at the time of placing orders or may also split up among more than one Tenderer for any particular item. The lowest bid may not guarantee to be offered the whole contract.
3. The Tenderer may deviate from the specification while quoting if in the opinion, such deviation is / are in line with the manufacturer standard practice and conducive to a better and more economical offer. All such deviation should, however be clearly indicated given full justifications for such deviation.
4. Sealed Tenders is to be submitted in containing technical Specification, Drawing, Test Report, Descriptive Literature, EMD, Statutory clearance & price Bid for the respective items as per the enclosed format. The tender should reach this office on or before **Dt.21.8.08 up to 5.00 PM** in double sealed cover super-scribed on each of the cover as ***“Tender Notice No12326 dtd.06.8.08 due to be opened on Dt.22.8.08 & Dt.29.8.08 at 11 A.M of technical Bids & Price Bids respectively ”***. Tender shall be submitted in person or by Registered Post with A.D.. Any other means of delivery shall not be accepted. When submitted by Post, Postal delay shall not be considered . Tender will be opened in the office of the undersigned on above dates & time. Tenders received after due time and date shall not be considered.
Each group should have separate sealed envelop mentioned for technical & price bids. Clearly mentioning the ‘Group’ name at the top of the envelops. The price bid of only those tenderers who qualify in the technical bid , shall be opened on the scheduled date.
5. Telegraphic Tender shall not be accepted under any circumstances.
6. The Purchaser reserve the rights to reject the lowest or any other tender or all tenders without assigning any reason thereof.
7. The tenders should be accompanied with the earnest money deposit @ 1% of the tender value in shape of Cash / Bank Draft (from a nationalized bank or scheduled Bank) in favour of Chief Executive Officer, NESCO, Balasore which will be submitted separately other than technical & price bids.

No adjustment towards earnest money deposit shall be permitted against any outstanding amount with Chief Executive Officer, NESCO, Balasore. Tenders submitted without deposit of EMD shall be rejected.

8.
 - (i) *In case of unsuccessful Tenderer, the earnest money will be refunded to them after the Tender is decided. In the case of successful Tenderer, this will be refunded only after furnishing of Security Money.*
 - (ii) *The earnest money will be forfeited, if the successful Tender fails to accept the letter of intent or Purchase order issued in their favour.*
 - (iii) *The Tender not accompanied with earnest money deposit shall be disqualified.*
 - (iv) *The tenders should be kept valid for a period of **180 days** from the date of opening of the tender.*
9. After opening of the tender and within the validity period no reduction or enhancement in offer price by the tenderer will be entertained. On the other hand, it will make the tender liable for rejection. However management reserves the right for negotiation of rates & terms from among the eligible bidders.
10. The Tenderers are expected to be fully conversant with the meaning of all the clauses of the specification before submitting their tender. In case of doubt regarding the meaning of any clause they may ask for clarification in writing from the undersigned. This, however does not entitle the Tenderer to ask for time beyond due date fixed for receipt of tender.

Conditional Offers shall not be accepted.

11. The bidders should quote their bids in **computerized or typing** only. No handwritings are allowed. Over writing shall be avoided. In the event of discrepancy or arithmetical error, the decision of the management shall be final & binding on the tenderer.
12. The Tenders should be accompanied with PAN, TIN, CST, VAT registration Nos., failing which the tenders will not be taken into consideration.

Sd/-

**General Manager (Works)
NESCO, Balasore**

SECTION – II

GENERAL TERMS & CONDITION OF CONTRACT

1. **Scope of Contract:** - The Scope of contract shall be delivered FADS (Free At Destination Stores), of the materials or equipment is in accordance with the enclosed Technical Specification and Bill of Quantity.
2. **Supplier to inform himself fully** :- The supplier shall examine the instructions to Tenders, General Condition of contract, specification and the scheduled of quantity and delivered to satisfy him self as to all the terms and conditions and circumstances effecting the contract price. He shall quote price(s) according to his bidding on these matters and understand that no additional cost except otherwise provided therein will be levied. The purchasers shall not be responsible for any mis-conception or incorrect information acquired by the supplier other than information given in writing by the purchaser.
3. **Manner of Execution** :- All materials to be supplied under the contract shall conform to the latest publication of relevant ISS.
4. **Inspection and Testing** :- Competent authority will depute any authorized person for pre-despatch inspection for which Bidder has to provide necessary assistance and facilities at its work site. Intimation about readiness for despatch should be sent at least 15 days in advance for arranging inspection by the purchaser. Physical inspection of the materials shall be carried out at destination after receipt of materials.
5. **Delivery** :- The materials should be kept ready for inspection within 30 days from the date of issue of the purchase order. The materials should be despatched only after the inspection is conducted and despatch instruction issued by this office. The inspection note with tests certificate as per relevant IS & Guarantee Certificate of each consignment should be furnished to this office immediately after inspection for approval and issuing despatch instruction .This may be waived at our direction. The purchaser ,however reserves the right to reschedule the delivery and change the destination, if required.
6. **Despatch Instruction:** -
The materials should be securely packed and dispatched on freight paid basis. The Railway receipt shall be in the name of the consignee and not booked to self. Materials should be despatched by Road Transport through reputed and licensed Carrier Agencies to Balasore Stores/ Jajpur Road stores, where required.

7. **Contractors Default Liability** :-

- (i) The Purchaser may act upon writing, of default to the supplier terminates the Contract in circumstances detailed here under.
“If the judgment of the Purchase, the supplier fails to make delivery within the time specified in the contract or within the period for which extension has been granted by the Purchaser if the supplier fails to comply with any of the other provisions of this contract”.
- (ii) In the event Purchaser terminates the contract in whole or in parts as provided in Clause-7 (1) of the Section-II, the Purchaser reserves the right to pursue upon such terms and in such a manner as he will be liable to the purchase for any additional costs in Clause- 17of Section-II until such reasonable time as may be required for the final supply of equipments.
- (iii) In the event of the purchase does not terminate the contract as provided in Clause-7 (1) of Section- II supplier shall continue the performance of the contract in which case he shall be liable to the Purchaser for penalty for delay as set out in Clause- 17 of Section –II until the equipment is accepted.

8. **Force Majeure** :- The supplier shall not be liable any penalty on account of delay or failure to perform the contract for reasons of force majeure such as acts of God acts of the Public, Enemy, acts of Government, Fire, Floods, Epidemics, Guarantee in restriction, Strikes, Freight Embargos and provided that the supplier shall within 10 (ten) days from the beginning of such delay notify the Purchaser in writing of the cause of delay the Purchaser shall verify the facts and grant such extension as facts justify.

9. **Rejection of materials**: - In the event of any of the materials / equipment supplied by the supplier is found defective in materials or workmanship or otherwise not in conformity with the requirements of the contract specification the Purchaser shall either reject the material / equipment or request the supplier in writing to rectify the same. The supplier on receipt of such notification shall either rectify or replace defective equipment free of cost to the Purchaser. If the supplier fails to do so, the Purchaser may;

- a. At its option replace or rectify such defective equipment and recover the extra cost to involved from the supplier plus fifteen percent from the supplier and or
- b. Terminate the contract for balance supply with enforcement of penalty as per contract.
- c. Acquire the defective once at reduced price considered suitable under the circumstances.

10. **Extension of Time** :- If the delivery of equipment is delayed due to reason beyond the control of the supplier, the supplier shall give notice to the Purchaser in writing of his claim for extension of time before 15 days of scheduled delivery date. The Purchaser on receipt of such notice may agree to extend the delivery date as may be reasonable without prejudice to other terms and conditions of the contract.
11. **DEFECT LIABILITY PERIOD:-** The supplier shall guarantee the materials supplied against any defect or failure, which arise due to faulty materials, workmanship or design for the entire defects liability period. The defect liability period shall be 18months from the date of receipt of materials (last consignment) at stores/site or 12 months from the date of use/commissioning except group 'F', which ever is earlier. If during this period any materials or items are found defective, these shall be promptly replaced or rectified by the supplier at his own cost at buyers place including the installation cost, if any. For group 'F' it should be 66 months in place of 18 months or 60 months in place of 12 months.
12. **Guarantee Period:** - The materials should be guaranteed for trouble free service for a period as indicated in clause no.11 above. The above guarantee certificate in triplicate should be furnished to this office for approval at the time of offer for inspection against each consignment and copies should be furnished to the concerned consignee and paying officers for their record.
13. (a) **Security Deposit:** - Within 7(seven) days of receipt of the notification of contract award, the successful bidder will furnish to the purchaser the security deposit for an amount of 5% (five percent) of the contract value for proper fulfillment of the contract, in shape of the Bank Guarantee on a non-judicial stamp paper of worth Rs.50/- (Rupees Fifty) only strictly as per proforma / Demand draft issued by any Nationalized Bank or scheduled Bank in favour of the Chief Executive Officer, NESCO, Balasore for a period of 3months along with the letter of acceptance. The security deposit will be refunded immediately after receipt of materials in good condition & verification.
- (b) **Performance Guarantee** :- Performance Guarantee to the tune of 5% (five Percent) of value of the purchase order in shape of Bank Guarantee from any Nationalized Bank or scheduled Bank in favour of Chief Executive Officer, NESCO, Balasore on a non-judicial stamp paper of worth Rs. 50/- (Rupees Fifty) only strictly as per the enclosed format, should be furnished to this office immediately after completion of supply. The Bank Guarantee should be valid for the order to cover the guarantee period plus three months towards claim period.. (Refer Clause – 12).
14. **Price: -**
- (i) The prices quoted will be firm . Bids will be called for with prices FADS (Free At Destination Stores) inclusive of packing & forwarding, Excise Duty, Educational Cess, VAT/Sales Tax, Freight, Entry Tax and other legally permissible duties & levies wherever applicable, handling charges to cover the transport by Road from destination

Railway Station to site/ stores, unloading at destination & insurance (assumed insurance premium) for comparison.

- (ii) Even though composite price is given the break-up for all duties, taxes, freight, insurance, packing & forwarding etc. will be furnished.
- (iii) It is the responsibility of the bidder to inform himself of the correct rates duties & taxes leviable on the materials at the time of bidding.

15. **TAXES & DUTIES:-**

- (i) A bidder will be entirely responsible for quoting the correct taxes & duties, other local taxes or levies if any, license fees etc, he has to incur until completion of the contract. For the purpose of evaluation the bidder should clearly indicate the Excise duty, Sales tax/ VAT and any other taxes & levies payable in the respective columns.
- (ii) If the rates of statutory levies assumed by the bidder are less than the actual rates prevailing at the time of bidding, the purchaser will not be responsible for such errors. If the rates of statutory levies assumed by the bidder are later proved to be higher than the actual/ correct rates prevailing at the time of bidding, the difference will be passed on to the credit of the purchaser.

16. **PAYMENT:** - (i) 100% payment will be made within 45 days on receipt of materials in good condition and verification thereof subject to inspection of materials and submission of manufacturing Test Certificate and Guarantee Certificate & 5% Performance Bank Guarantee and approval thereof or submission of bills which ever is later.

(ii) **Alternately :-** In case of non-submission of Performance Bank Guarantee, 95% payment will be made within 45 days on receipt of materials in good condition and verification thereof subject to inspection of materials and approval of manufacturing Test Certificate & Guarantee Certificate or submission of bills which ever is later.

The balance 5% payment will be paid after expiry of the Guarantee period.

17. **Penalty For delay in completion of contract:** - If the supplier shall fail to deliver the materials / equipments within the delivery scheduled specified in the Contract or any extension granted thereto the purchase shall recover from the supplier penalty for sum of 0.5% (half percent) of the contract price of the undelivered equipments for calendar week of delay or part thereof. For the purpose the date of delivery, the total amount of penalty shall not exceed 5% of the basic price of the units so delayed. Undelivered parts/ attachments shall not consider as whole. Delay if, any making it whole, penalty shall be levied..

18. **Free Replacement :-** Free replacement after loss of materials during the transit shall be made by the Suppliers immediately on receipt of information from the Consignee without waiting for settlement of their claim with Transport agency or Insurance Companies.

19. **Insurance** :- As the prices of the materials are to be quoted for delivery of destination by Road Transport / Railways, the Goods in transit may be insured with the Suppliers own Insurance underwriter at their cost and risk. This office will not any way be responsible for any trouble that may arise on this account with the Insurance underwriter. However necessary Shortage or Breakage Certificate will be made available to the Supplier by the Consignee so on after receipt of the same from the Carriers.
20. **Payment due from the Contractor** :- All costs and damages for which the Supplier is liable to the Purchaser will be deducted by the Purchaser from any money due to the Supplier under the contract.
21. **Jurisdiction of the High Court of Orissa** :- Suits if any arising out of this contract shall be filed by either party in a Court of Law to which the jurisdiction of High Court of Orissa extends.
22. **Certificate to Exemption from Excise Duty** :- Offers with exemption from the Excise Duty shall be accompanied with authenticated document for such exemption. Photostat copy of Exemption Certificate has to be attached in support of this clause.
23. **Deviation from Specification** :- It is the interest of the Tenderers to study the Specification specified in the Tender Schedule thoroughly before tendering so that if any deviation are made by the Tenderers, the same are prominently brought out with design/drawing.
24. **Right to Reject / Accept any Tender** :- The purchaser reserves the right either to reject / accept any or all of Tenders. Orders may also split up between different tenderers on individual merits of the Tenders. The purchaser has exclusive right to alter the quantities of the materials at the time of placing final purchase order. It may be clearly understood by the Tenderer that Purchaser need not assign any reason for the above action.
25. **Supplier Responsibility** :- Not withstanding any thing mentioned in the specification or subsequent approval or acceptance of the Purchaser, the ultimate responsibility for design materials used and satisfactory performance shall rest with the Tenderers.
26. **Validity**: - Prices and conditions of the sale of the offer should be valid for a period of 180 days from the date of opening of the tender failing, which the tenders shall be rejected. A bid valid for a shorter period will be rejected.
27. **Languages and Measures**: - All documents pertaining to the contract including Specification, Schedules, Notices, Correspondences, Operation and Maintenance Instructions, Drawings or any other

Writing shall be written in English Language in **computerized or typing** only. No handwritings are allowed.. The metric system of measurements shall be used exclusively in this contract.

28. **Correspondence**: - Any notice to the Supplier under the terms of the Contract shall be served by the Registered Mail or by Hand at the Suppliers principal place business.
Any notice to the Purchaser shall be served at the Purchaser principal office in the same manner.
29. **Enclosures** :- The following schedules and proformas are enclosed to this specification.
30. **Instruction** :- The supplier shall treat the details of the specification and other tender documents as Private and Confidential and they shall not be re-produced without written consent from the Purchaser.
31. **Out Right Rejection of Tenders** :- Tenders shall be rejected out right with the following conditions.
- (i) Tenderers without NESCO tender document.
 - (ii) Non-submission of tender in person or by Registered Post with A.D.
 - (iii) Telegraphic submission of tender.
 - (iv) Tenders not accompanied by prescribed earnest money deposit.
 - (v) Offer price of the tender for less than 180 days.
 - (vi) Non- compliance of our stipulated terms & conditions.
 - (vii) Non- submission of samples.

Sd/-

General Manager (Works)
NESCO, BALASORE

SECTION – III (TECHNICAL DETAILS)

TENDER NOTICE NO- 12326 dtd.06.08.08

GROUP- A

Sl. No.	Description of Materials / Equipment	Quantity
1.	8 Mtr 200 KG PSC Poles as per IS-1678-1978 & latest technical specification.	1000 nos
2.	9 Mtr 300 KG PSC Pole as per as per IS-1678-1978 & latest technical specification.	900 nos
3.	9 Mtr 415 KG PSC Pole as per IS-1678-1978& latest technical specification.	100 nos.
4.	10 Mtr 425 KG PSC Pole as per IS-1678-1978& latest technical specification.	75 nos.
5.	11 Mtr 300 KG PSC Pole as per IS-1678-1978& latest technical specification.	120 nos.
6.	13 Mtr RS Joist as per IS-1678-1978& latest technical specification.	50 nos
7.	105/90 LV Rail Pole as per IS-1678-1978& latest technical specification.	20 nos

NOTE :-

1. The material when ordered should be dispatched to the concerned distribution divisions under NESCO or Stores Balasore/ Jajpur by Road Transport.
2. The undersigned reserves the right to reduce or increase the quantity at time of placing orders and the right to reject any or all quotations without assigning any reason thereof.

Sd/-

**General Manager (Works)
NESCO, Balasore.**

SECTION – III (TECHNICAL DETAILS)

TENDER NOTICE NO- 12326 dtd.06.08.08

GROUP- B

Sl. No.	Description of Materials / Equipment	Quantity
1.	33KV pin insulator, as per the enclosed Technical specification & latest ISS	1200 nos.
2.	11KV Post Insulator as per the enclosed Technical specification & latest ISS	6000 nos.
3.	33KV post insulator, as per the enclosed Technical specification & latest ISS	900 nos.
4.	33KV Disc insulator (T&C) as per the enclosed Technical specification & latest ISS	1500 nos.
5.	33KV Disc insulator (B&S) as per the enclosed Technical specification & latest ISS	650 nos.
6.	LT pin Insulator as per the enclosed Technical specification & latest ISS	6000 nos.
7.	LT shackle Insulator as per the enclosed Technical specification & latest ISS	4000 nos.
8.	11 KV Composite insulator as per the enclosed Technical specification & latest ISS	1000 nos.

NOTE :-

1. The samples of the above items should be submitted to the SDO,Stores on or before opening of the tender.
2. The material when ordered should be dispatched to the Stores Balasore/ Jajpur by Road Transport.
3. The undersigned reserves the right to reduce or increase the quantity at time of placing orders and the right to reject any or all quotations without assigning any reason thereof.

Sd/-

**General Manager (Works)
NESCO,Balasore.**

SECTION – III (TECHNICAL DETAILS)
TENDER NOTICE NO- 12326 dtd.06.08.08
GROUP-C

Sl. No.	Description of Materials / Equipment	Quantity
1	11KV 3 pole DO fuse 200/400 Amps as per the enclosed Technical specification & latest ISS	500 sets
2	11 KV 2 pole DO fuse 100/200 Amps as per the enclosed Technical specification & latest ISS	150 sets
3	11 KV Litenging Arrestor station / distribution class as per the enclosed Technical specification & latest ISS	5000 nos.
4	33 Kv LA station class as per the enclosed Technical specification & latest ISS	500 nos.
5	AB switch	
a)	11 KV 200 Amp male Contact (H) as per the enclosed Technical specification & latest ISS	100 nos.
b)	11 KV 200 Amp male Contact (V) as per the enclosed Technical specification & latest ISS	50 nos
c)	11 KV 200 Amp female Contact (H) as per the enclosed Technical specification & latest ISS	100 nos
d)	11 KV 200 Amp female Contact (V) as per the enclosed Technical specification & latest ISS	50 nos.
e)	11 KV 400 Amp male Contact (H) as per the enclosed Technical specification & latest ISS	300 nos
f)	11 KV 400 Amp male Contact (V) as per the enclosed Technical specification & latest ISS	150 nos
g)	11 KV 400 Amp female Contact (H) as per the enclosed Technical specification & latest ISS	300 nos
h)	11 KV 400 Amp female Contact (V) as per the enclosed Technical specification & latest ISS	150 nos
i)	33 KV 200 Amp male Contact (H) as per the enclosed Technical specification & latest ISS	20 nos
j)	33 KV 200 Amp female Contact (H) as per the enclosed Technical specification & latest ISS	20 nos
l)	33 KV 400 Amp male Contact (H) as per the enclosed Technical specification & latest ISS	80 nos
m)	33 KV 400 Amp female Contact (H) as per the enclosed Technical specification & latest ISS	80 nos

NOTE :-

1. The samples of the above items should be submitted to the SDO,Stores on or before opening of the tender.
2. The material when ordered should be dispatched to the Stores Balasore/Jajpur by Road Transport.
3. The undersigned reserves the right to reduce or increase the quantity at time of placing orders and the right to reject any or all quotations without assigning any reason thereof.

Sd/-
General Manager (Works)
NESCO,Balasore.

SECTION – III (TECHNICAL DETAILS)
TENDER NOTICE NO- 12326 dtd.06.08.08
GROUP- D

Sl.No	Description Of Item	Quantity
1	Single pole Mounting bracket suitable for 10/ 16 KVA transformer as per the enclosed Technical specification & latest ISS	500 nos
2	33KV 'V' Cross Arm, as per the enclosed Technical specification & latest ISS	1000 nos.
3	Back Clamp For 33 Kv cross arm as per the enclosed Technical specification & latest ISS	1000 nos.
4	Back Clamp For LT cross arm as per the enclosed Technical specification & latest ISS	3000 nos.
5	33KV Top Bracket(75x40x6mm channel) as per the enclosed Technical specification & latest ISS	1000 nos
6	3Ph 5W LT Cross Arm, as per the enclosed Technical specification & latest ISS	1000 nos
7	3 Ph 4W LT Cross arm as per the enclosed Technical specification & latest ISS	2000 nos
8	1 Ph 2 W LT cross arm as per the enclosed Technical specification & latest ISS	1200 nos
9	3Ph. 4W Spacer (Composite type & Spiral type) as per the enclosed Technical specification & latest ISS	9000 nos
10	33 KV GI Pin as per the enclosed Technical specification & latest ISS	1000 nos.
11	LT GI Pin as per the enclosed Technical specification & latest ISS	4000 nos.
12	G.I Strap with Nuts & Bolts for LT Shackle insulator as per the enclosed Technical specification & latest ISS	3500 pair
13	7/8 SWG G.I stay wire as per the enclosed Technical specification & latest ISS	5000 kg
14	CI Knob as per the enclosed Technical specification & latest ISS	1500 nos
15	33 KV T&C Hard ware Fittngs as per the enclosed Technical specification & latest ISS	500 nos
16	33 KV B& S Hard ware fittings as per the enclosed Technical specification & latest ISS	800 nos.
17	PG clamp for 55/100/232 mm ² AAAC as per the enclosed Technical specification & latest ISS	50/100/250 nos

NOTE :-

1. The samples of the above items should be submitted to the SDO,Stores on or before opening of the tender.
2. The material when ordered should be dispatched to the Stores Balasore/ Jajpur by Road Transport.
3. The undersigned reserves the right to reduce or increase the quantity at time of placing orders and the right to reject any or all quotations without assigning any reason thereof.

Sd/-
General Manager (Works)

SECTION – III (TECHNICAL DETAILS)**TENDER NOTICE NO- 12326 dtd.06.08.08****GROUP- E**

Sl.No	Description Of Item	Quantity
1	Single core Un- armoured PVC cable as per IS:1554 (Part-I) PVC insulated heavy duty Electric cables for working voltages up to and including 1100 V.	
a)	50 mm ² single core PVC cable(Un- armoured)	1000 Mtr
b)	95 mm ² single core PVC cable(Un- armoured)	1000 mtr
c)	120 mm ² single core PVC cable(Un- armoured)	1000 mtr
d)	150 mm ² single core PVC cable(Un- armoured)	1000 mtr
e)	185 mm ² single core PVC cable(Un- armoured)	1000 mtr
f)	300 mm ² single core PVC cable(Un- armoured)	1000 mtr
2	3 1/2 Core PVC cable (Un-armoured) as per IS:1554 (Part-I) PVC insulated heavy duty Electric cables for working voltages up to and including 1100 V.	
a)	50 mm ² 3 1/2core PVC cable(Un- armoured)	1000 mtr
b)	95 mm ² 3 1/2 core PVC cable(Un- armoured)	1000 mtr
c)	120 mm ² 3 1/2 core PVC cable(Un- armoured)	1000 mtr
d)	150 mm ² 3 1/2 core PVC cable(Un- armoured)	1000 mtr
e)	185 mm ² 3 1/2 core PVC cable(Un- armoured)	1000 mtr
f)	300 mm ² 3 1/2 core PVC cable(Un- armoured)	1000 mtr
3	2 core 16 mm ² PVC cable	1000 mtr
4	Single core 35 mm ² PVC cable	3000 mtr
5	Single core 35 mm ² XLPE cable	1000 mtr
6	XLPE LT cable as per the enclosed Technical specification & latest ISS	
a.	2 core 16 mm ² XLPE LT cable,	1000 mtr
b.	2 core 50mm ² XLPE LT cable	1000 mtr
7	AB cable of different Sizes as per the enclosed Technical specification & latest ISS Phase conductor-Hard Drawn Al, H2 or H4 as per IS :8130 Messenger Conductor: Aluminium Silica & Magnesium alloy used after treatment as per IS :398 (Part-4)	

a)	(3x95+1x100+1x16)mm ² AB cable	30 km
b)	1x35 +1x25) mm ² AB cable	55 km
c)	3x16+1x16) mm ² AB cable	50 km
d)	(1x16+1x10) mm ² AB Cable	66 km
8	2.5 mm ² 7-core Cu cable	5000 mtr
9	2.5mm ² 4-core (Cu.) cable	4000 mtr.

NOTE :-

1. The samples of the above items should be submitted to the SDO,Stores on or before opening of the tender.
2. The material when ordered should be dispatched to the Stores Balasore/ Jajpur by Road Transport.
3. The undersigned reserves the right to reduce or increase the quantity at time of placing orders and the right to reject any or all quotations without assigning any reason thereof.

Sd/-

**General Manager (Works)
NESCO,Balasore.**

SECTION – III (TECHNICAL DETAILS)

TENDER NOTICE NO- 12326 dtd.06.08.08

GROUP- F

Sl.No	Description Of Item	Quantity
1	11 Kv Breaker as per the enclosed Technical specification & latest ISS	60 nos.
2	33 KV Breaker as per the enclosed Technical specification & latest ISS	30 nos.
3	11 KV 1 ph 110v P.T as per the enclosed Technical specification & latest ISS	100 nos
4.	11 KV CT Of Different Ratings as per the enclosed Technical specification & latest ISS	57 nos
a)	11KV CT 400-200-100/5-5	
b)	11KV CT 400-200-100/5-5-1	
c)	11KV CT 800-400-200/5-5-1	
6	33KV PT 1Ph 110V	50 nos
5.	33 Kv CT of different ratings as per the enclosed Technical specification & latest ISS	12 nos
a)	33KV CT 400/200/100/1-1-1A	
b)	33KV CT 400/200/100/1-1-1A	
c)	33KV CT 400/200/1-1-1A	
d)	33KV CT 400-200-100/5-5-1	
6.	11 Kv Metering Cubicle as per the enclosed Technical specification & latest ISS	27 nos.
a)	11 KV 5/5 Amp Cubical	
b)	11 KV 10/5 Amp Cubical	
c)	11 KV 15/5 Amp Cubical	
d)	11 KV 20/5 Amp Cubical	
e)	11 KV 25/5 Amp Cubical	
f)	11 KV 50/5 Amp Cubical	
g)	11 KV 100/5 Amp Cubical	
H)	11 KV 150/5 Amp	
i)	11 KV 200/5 Amp Cubical	
7.	33 KV metering Cubicle as per the enclosed Technical specification & latest ISS	17 nos.
7 a)	33 KV 5/5 Amp Cubical	

b)	33 KV 10/5 Amp Cubical	
c)	33 KV 15/5 Amp Cubical	
d)	33 KV 20/5 Amp Cubical	
e)	33 KV 25/5 Amp Cubical	
f)	33 KV 50/5 Amp Cubical	
g)	33 KV 100/5 Amp Cubical	
H)	33 KV 150/5 Amp Cubical	
i)	33 KV 200/5 Amp Cubical	
8.	11 Kv Metering Unit as per the enclosed Technical specification & latest ISS	43 nos.
a)	11 Kv 5/5 Amp metering unit	
b)	11 Kv 10/5 Amp metering unit	
c)	11 Kv 25/5 Amp metering	
d)	11 Kv 50/5 Amp metering unit	
e)	11 Kv 100/5 Amp metering unit	
9.	33 Kv Metering Unit as per the enclosed Technical specification & latest ISS	30 nos
a)	33 Kv 5/5 Amp metering unit	
b)	33 Kv 10/5 Amp metering unit	
c)	33 Kv 25/5 Amp metering unit	
d)	33 Kv 50/5 Amp metering unit	
f)	33 Kv 100/5 Amp metering unit	
10	24/30V Battery/ Battery charger	60 nos/ 60 nos

NOTE :-

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Sd/-

General Manager (Works)
NESCO,Balasore.

SECTION – III (TECHNICAL DETAILS)

TENDER NOTICE NO- 12326 dtd.06.08.08

GROUP- G

Sl.No	Description Of Item	Quantity
	Aluminium Cable Socket as per the enclosed Technical specification & latest ISS	
1 a)	35 mm ² Al cable socket	1500 nos
b)	50 mm ² AL cable socket	5000 nos
c)	95 mm ² Al cable socket	3000 nos
d)	120 mm ² AL cable socket	2500 nos
f)	150 mm ² AL cable socket	2000 nos
g)	185 mm ² AL cable socket	2500 nos
H)	300 mm ² AL cable socket	2000 nos
2.	T.C Fuse Wire as per the enclosed Technical specification & latest ISS	
a)	5 amp T.C Fuse wire	3000 Kg
b)	10 amp T. C fuse wire	3000 kg
c)	20 amp T. C fuse wire	2000 kg
d)	30 amp T. C fuse wire	1600 kg
e)	50 amp T. C fuse wire	1500 kg
f)	100 amp T. C fuse wire	1000 kg
g)	200 Amp T.C Fuse wire	1000 kg
3.	33 Kv Cable Jointing Kit as per the enclosed Technical specification & latest ISS	204 nos
a)	33 Kv cable jointing kit out door type for 25 mm ² cable.	
b)	33 Kv cable jointing kit out door type for 35 mm ² cable.	
c)	33 Kv cable jointing kit out door type for 50 mm ² cable.	
d)	33 Kv cable jointing kit out door type for 95 mm ² cable.	
e)	33 Kv cable jointing kit in door type for 25 mm ² cable.	
f)	33 Kv cable jointing kit in door type for 35 mm ² cable.	
g)	33 Kv cable jointing kit indoor type for 50 mm ² cable.	

h)	33 Kv cable jointing kit in door type for 95 mm ² cable.	
4.	11 Kv Cable Jointing Kit as per the enclosed Technical specification & latest ISS	324 nos
a)	11 Kv cable jointing kit out door type for 25 mm ² cable.	
b)	11 Kv cable jointing kit out door type for 35 mm ² cable.	
c)	11 Kv cable jointing kit out door type for 50 mm ² cable.	
d)	11 Kv cable jointing kit out door type for 95 mm ² cable.	
e)	11 Kv cable jointing kit in door type for 25 mm ² cable.	
f)	11 Kv cable jointing kit in door type for 35 mm ² cable.	
g)	11 Kv cable jointing kit indoor type for 50 mm ² cable.	
h)	11 Kv cable jointing kit in door type for 95 mm ² cable.	
5.	Kitkat Fuse as per the enclosed Technical specification & latest ISS	
a)	100 Amp Kitkat fuse	1500 no
b)	200 AMP Kitakat fuse	1500 nos.
c)	300 Amp Kitkat fuse	1200 nos
d)	400 AMP Kitakat fuse	500 nos
e)	500 AMP Kitakat fuse	300 nos.
6	11KV hand gloves as per the enclosed Technical specification & latest ISS	1000 nos
7	33 Kv Hand Gloves as per the enclosed Technical specification & latest ISS	500 nos
8	PP Rope as per the enclosed Technical specification & latest ISS	2000 kg
9	Safety belt as per the enclosed Technical specification & latest ISS	500 kg
10	Discharge rod as per the enclosed Technical specification & latest ISS	1000 nos

NOTE :-

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Sd/-
General Manager (Works)
NESCO, Balasore.

