

**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. 7797 Dtd.20.04.07

Last date of receipt of tender papers:

Up to 1.00pm of Dtd.28.05.07.

Date of opening of Tender:

At 3.00pm of Dtd. 28.05.07.

**General Manager (Com)
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
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Tender Notice No. 7797

Dt.20.04.07

Due to be opened on Dt.28.05.07.

NOTICE INVITING BIDS

1. The NORTH EASTERN ELECTRICITY SUPPLY COMPANY OF ORISSA LIMITED (NESCO), Balasore invites sealed bids for the supply of following materials / equipment for use in APDRP, Deposit and Maintenance & Repair schemes.

GROUP	Sl. No.	Description of Materials / Equipment	Quantity	Closing time and date for submission of Bids	Time & date for opening of Bids	Bid Security in (Rs.)
Group - A	1.	33KV & 11KV Lightening Arrestor	Mentioned in the Bidding document.	Up to 1.00 pm of Dt.28.05.07	At 3.00pm of Dt.28.05.07	(1% of the total quoted landed value of the offered quantity)
	2.	33KV & 11KV A.B.Switch				
	3.	33KV & 11KV H.G.Fuse				
Group – B	1.	T&C and B&S Hard Ware Fittings				
	2.	M.S.Nut & Bolt				
	3.	Al.Cable Lugs				
Group -C	1.	Kit Kat Fuse				
	2.	33KV & 11KV A B Switch Spare				
	3.	250 Watt H.P.S.V Fittings with Lamp				

2. This specification covers the manufactures, testing and delivery FADS (Free At Destination Stores) of above materials.
3. Complete set of bidding documents is available at www.nescoorissa.com. Interested eligible vendors may download the bidding documents and furnish their bids before the due date and time. Prospective bidders can also obtain the complete set of bidding documents from the office of the undersigned up to one day prior to the date of bid opening. Bidders will remit Rs.500/- (Rupees Five Hundred only) + VAT towards non-refundable cost of the Bid-Specification for each group in the form of a DD / pay Order on any scheduled bank drawn in favour of NESCO Ltd and payable at Balasore to be enclosed in a separate cover and submit the same along with the Bids. Failure to enclose the cost of the Bid will result in the bid being rejected and returned unopened. Prospective bidders can obtain the complete set of bidding documents from the office of the undersigned up to one day prior to the date of bid opening.
4. NESCO Ltd. will not be responsible for any postal delay in delivery of the Bid document.
5. Clearing of doubts: If a bidder has any doubt on any portion of this document, he should obtain the required clarification / information from the undersigned in writing.
6. Bids must be addressed to The Chief Executive Officer, NESCO Ltd, Balasore and delivered on or before the time and date indicated. All bids must be accompanied by Bid Security as indicated in the bid.

7. Superscription as detailed at Salient Features of the Bid must be invariably written on the bid cover, failing which the bid cover will be returned unopened. Late submission of bids will not be accepted. Bids will be opened in the presence of Bidder's representatives who choose to attend at the time and date indicated and at the Office of the undersigned.
8. All bids must be accompanied by samples. Non-submission of samples is liable for cancellation of bid.

The undersigned reserve the rights to reject any or all tenders without assigning any reasons thereof.

Sd/-

General Manager (Com)
NESCO, Balasore.

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. The 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 be split up among more than one Tender for any particular item.
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 in duplicate envelop complete with all details i.e. Specification, Drawing, Test Report, Descriptive Literature, if any where necessary are to be submitted to this office on or before **Dt.28.05.07 up to 1.00 PM** in double sealed cover super-scribed on each of the cover as ***“Tender Notice No. 7797 dtd.20.04.07 due to be opened on Dt.28.05.07 at 3.00 PM”***. 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. When delivered in person, the tenders shall be received by a responsible Officer of this office, who shall officially acknowledge the receipt of the same. Tender will be opened in the office of the undersigned on Dt.28.05.07 at 3.00 pm Tenders received after due time and date shall not be considered.
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/ Bank Guarantee (from a nationalized bank or scheduled Bank for a period of at least 3 months, which may be extended if required) in favour of Chief Executive Officer, NESCO, Balasore.
No adjustment towards earnest money deposit shall be permitted against any outstanding amount with Chief Executive Officer, NESCO, Balasore.

8. (i) In case of unsuccessful Tenderer, the earnest money will be refunded to them immediately 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 Tenderers 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 price will be entertained. On the other hand, it will make the tender liable for rejection.
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 may ask for clarification in writing from the undersigned. This, however does not entitled 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.
12. The Tenders should be accompanied with Income Tax and Sales Tax Clearance Certificate, failing which the tenders will not be taken into consideration.

Sd/-

General Manager (Com)
NESCO, Balsore

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 own views on these matters and understanding that no additional allowances except otherwise provided therein will be levied. The purchasers shall not be responsible for any mis-understanding or incorrect information obtained by the supplier other than information given to the supplier in writing by the purchaser.
3. **Manner of Execution** :- All materials to be supplied under the contract shall confirm to the latest publication of relevant ISS.
4. **Inspection and Testing** :-
 - (a) The Stores will be inspected by a Departmental Officer at the discretion of the Purchaser prior to their despatch to various destinations or after receipt of the Store Sub-Depot. Intimation about readiness to dispatch of the Stores should be sent at least 15 days in advance for arranging inspection. The Supplier shall offer all facilities for such inspection at their works.
 - (b) Before despatch the materials must be tested in a Government approved Testing Laboratory and the Test Certificate in triplicate must be furnished for approval by the Purchaser before release of final payment.
5. **Delivery** :- Time being the essence of the contract, the equipment shall be supplied within the delivery date specified in the contract, the Purchaser, however reserves the right to reschedule the delivery and change the destination, if required. The delivery period shall reckon from the date of placing the Purchase Order.
6. **Despatch Instruction:** -

The materials should be securely packed and dispatched by Rail on freight paid basis. The Railway receipt shall be in the name of the consignee and not booked to self. Where required by the Purchaser,

materials may also be dispatched by Road Transport through reputed and licensed Carrier Agencies to Balasore Stores.

7. **Contractors Default Liability** :-

- (i) The Purchaser may upon writing, of default to the contractor terminates the Contract in circumstances detailed here under.
 - (a) If the judgment of the Purchase, the contractor fails to make delivery of equipment within the time specified in the contract or within the time specified to the contractor within the period for which extension has been granted by the Purchaser. The contractor 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 purchase upon such terms and in such a manner as he will be liable to the purchase for any additional costs in Clause- 16 of 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 contractor 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- 16 of Section –II until the equipment is accepted.

8. **Force Majeure** :- The contractor shall not be liable any penalty for 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 contractor 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 contractor 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 contractor in writing to rectify the same. The contractor on receipt of such notification shall either rectify or replace defective equipment free of cost to the Purchaser. If the contractor 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 contractor plus fifteen percent from the contractor and or
 - b. Terminate the contract for balance work supplied with enforcement of penalty as per contract.
 - c. Acquire the defective equipment / materials 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 contractor, the contractor shall with delay give notice to the Purchaser in writing of his claim for extension of time. The Purchaser on receipt of such notice may agree to extend the contract delivery date as may be reasonable without prejudice to other terms and conditions of the contract.
11. **DEFECT LIABILITY PERIOD:-** You 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, 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.
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.
(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. (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. Failure to furnish the details will be loaded as in indicated in the evaluation criteria.
- (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 approval of manufacturing Test Certificate and Guarantee Certificate & subject to submission of 5% Performance Bank Guarantee 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 contractor 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 Contractor 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 (Railway Receipt) or date of delivery, the total amount of penalty shall not exceed 5% of the contract price of the Units so delayed. Equipment parts are also delivered if certain components are not delivered in time, the equipment will be considered as delayed until such time as the missing parts are not delivered.

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 Railways 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 Contractor is liable to the Purchaser will be deducted by the Purchaser from any money due to the Contractor 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. **Tax Clearance Certificate**:- Copies of Income Tax, sales Tax clearance certificates for the latest period from the appropriate authority and Profit & Loss Account of previous year will invariably be enclosed to the bid. In the case of Proprietary or Partnership firm, it will be necessary to produce the certificate / certificates for the proprietor / proprietors and for each of the partners as the case may be.
23. **Certificate to Exemption from Excise Duty** :- Offers with exemption from the Excise Duty shall be accompanied with authenticated proof of such exemption. Authenticated proof for this Clause shall mean Photostat copy of Exemption Certificate.
24. **Deviation from Specification** :- It is the interest of the Tenderers to study the Specification drawing etc. specified in the Tender Schedule thoroughly before tendering so that if any deviation are made by the Tenderers, the same are prominently brought out in the body of their Tender.
25. **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.

26. **Contractors Responsibility** :- Notwithstanding 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.
27. **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.
28. **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.
29. **Correspondence**: - Any notice to the Contractor under the terms of the Contract shall be served by the Registered Mail or by Hand at the contractors principal place business.
Any notice to the Purchaser shall be served at the Purchaser principal office in the same manner.
30. **Enclosures** :- The following schedules and proformas are enclosed to this specification.
31. **Instruction** :- The contractor shall treat the details of the specification and other tender documents as Private and Confidential and they shall not be re-produced without written authorization from the Purchaser.
32. **Out Right Rejection of Tenders** :- Tenders shall be out right rejected if they do not comply with the following requirements.
- (i) Tenderers should have purchased this specification from the office of the Purchase.
 - (ii) Tenders should be submitted in person or by Registered Post with A.D.
 - (iii) Tenders shall not be submitted telegraphically.
 - (iv) Tenders shall be accompanied by prescribed earnest money deposit.
 - (v) Tender shall be kept valid for a period of 180 days from the date of opening of the Tender.

Sd/-

General Manager (Com)
NESCO, BALASORE

SECTION – III (TECHNICAL DETAILS)

TENDER NOTICE NO-7797 Dtd.20.04.07.

GROUP NO – A

Tender Specification against Tender Notice No.- 7797 Dtd.20.04.07.

SI No.	Description of Materials	Quantity required
1.	<u>33KV Lightning Arrestor</u> 33KV 10KA Metal oxide Lightning arrestor with GI mounting clamp confirming to IS specification	300 nos
2.	<u>11 KV Lightning Arrestor</u> 12 KV 5KA rated, Station Class Discharge Grade-II Lightning Arrestor suitable for 11 KV 3 Phase 50 C/S system direct mounting on Concrete / Steel fabricated structure confirming to IEC / 99-4 amendments if any .	1000 nos
3.	<u>33 KV AB Switch</u> 33 KV 400 Amps three pole gang operated single break Horizontal mounted outdoor type 3 phase 15 HZ AB switch having 4 Nos. 22 KV / 24 KV Post Insulator per phase (Original Cemented) confirming to ISS 9920 (Part I-IV) and ISS-2544 / 73 porcelain post Insulators.	50 sets
4.	<u>11 KV AB Switch</u> 11 KV 400 Amps three phase 50 HZ gang operated single break Horizontal mounted outdoor type AB switch having 2 Nos. 12 KV Post Insulator per phase (Original Cemented) confirming to ISS 9920 (Part I-IV) and ISS-2544 / 73 porcelain Post Insulators.	200 sets
5.	<u>11 KV AB Switch</u> 11 KV 200 Amps three pole gang operated single break Horizontal mounted outdoor type 50 HZ AB switch having 2 Nos. 12 KV Post Insulator per phase (Original Cemented) confirming to ISS 9920 (Part I-IV) and ISS-2544 / 73 porcelain Post Insulators.	300 sets
6.	<u>11 KV AB Switch</u> 11 KV 200 Amps two pole gang operated single break Horizontal mounted outdoor type 2 phase 50 HZ AB switches having 2 Nos. 12 KV Post Insulator per phase (Original Cemented) confirming to ISS 9920 (Part 1 to 40IV) and ISS-2544 / 73 porcelain post Insulators.	200 sets
7.	<u>33 KV HG Fuse</u> 33 KV 400 Amps 3 Phase HG Fuse having 2 Nos. 12 KV Post Insulator per phase with original cemented confirming to IS-9385,IS-2544 / 73 and IS-2633	50 sets

8.	<u>11 KV HG Fuse</u> 11 KV 400 Amps 3 Phase HG Fuse having 2 Nos. 12 KV Post Insulator per phase with original cemented confirming to IS-9385,IS-2544 / 73 and IS-2633	300 sets
9.	<u>11 KV HG Fuse</u> 11 KV 200 Amps 2 Phase HG Fuse having 2 Nos. 12 KV Post Insulator per phase with original cemented confirming to IS-9385,IS-2544 / 73 and IS-2633	200 Sets

NOTE: -

1. The sample of above items in SI.No.1 should be submitted to the SDO (ESD), Balasore on or before Date & Time of opening of the The bid is treated as cancelled, if samples are not submitted in time.
2. The Manufacturer and Authorized Dealer of reputed company shall be given priority on production of Documentary Evidence.
3. The material when ordered should be dispatched to the Stores Balasore by Road Transport.
4. The undersigned reserves the right to reduce or increase the quantity at time of placing orders and right to reject any or all quotations without assigning any reason thereof.
5. **Price variation clause is not allowed.**

Sd/-

General Manager (Commerce)

NESCO, BALASORE.

SECTION – III (TECHNICAL DETAILS)

TENDER NOTICE NO-7797 Dtd.20.04.07.

GROUP NO – B

Tender Specification against Tender Notice No.- 7797 Dtd.20.04.07.

SI No.	Description of Materials	Quantity required
1.	<p><u>T & C and B & S Hardware Fittings</u></p> <p>The hardware fittings for B & S and T & C Strain Disc Insulator. For use in 33 KV and 11 KV Overhead power lines shall comply IS:2486 (Part-I) 1971 and 2486 (Part-II) / 1974 and IS:2486 (Part-III) 1974 IS:12048 /1987 and REC Specification 24/84 or the latest revision thereof. All Forging and Casting shall be good finish and free from flows and other defects. The edges on the outside of fittings such as at the Eye, Cleaves and Holes shall be rounded.</p> <p>All parts of different fittings, which provide for Inter-connection shall be made such that sufficient clearance is provided at the Connection Point to ensure free movement & suspension of the Insulator string Assembly.All eye and cleaves shall be free in this manner but care shall be taken that too much clearance between Eye & Tongs of the cleaves is avoided.</p> <p>All ferrous fittings and parts other than those of Stainless steel shall be hot dip galvanized as per ISS: 2633 / 1964.Small fittings like Spring washer , Nuts etc. may be Electro-galvanized as per IS-6745 / 72.The threads of nuts and topped holes when cut after Galvanizing shall be well cited & grassed.</p>	
	<p><u>(A) Ball & Socket type Hardware fittings(Conversional / Performed) for B & S type Strain Insulators</u></p> <p>The hardware fittings (Ball and Socket type) shall be suitable for fixing on 100 mmx50 mm channel cross arms and for accommodation of SCSR 7/3.35 (Rabbit) and 7/4.09 (Raccoon) conductor / 55 mm² and 80 mm² AAC.</p> <p>The set shall complete with following components</p> <ul style="list-style-type: none">(i) Cross-arms straps with Bolts & Nuts, Brass split and Spring Washer.(ii) Two numbers forged cotter pins,Brass split pins,Plain washer.(iii) One number Ball Eye of malleable cast iron(iv) One number of socket eye complete with security clips made of Phosphor bronze made cut of alluminium alloys-A/6.(v) Halically formed Dead and Conductor grip having a Pre-	4000 nos

	<p>fabricate loop to fit into the proved contour of the thimbles on one end and for application over the conductor at the other end for Rabbit 7/3.35 and Reccon 7/4.09 conductor, 50mm² & 80mm² AAAC.</p> <p>(vi) Strain clamps shall be suitable for above ACSR / AAAC. The ultimate strength of clamp should not be less than 4500 Kg and Slipping strength shall not be less than 90% of these figures.</p>	
	<p><u>(B) Tongue & Clevis type Hardware Fittings (Conventional / ¼ Performed) for T & C type Strain Insulators</u></p> <p>The Hardware fittings (Tongue & Clevis type) shall be suitable for fixing on 75 mmx40 mm Channel Cross Arm an accommodation ACSR conductor 7/2.59 Weasel Conductor / 30 mm² AAAC.</p> <p>The set shall comply of the following components :-</p> <p>(i) Cross arms straps (Dead & Straps) with Bolt (16mm) Nut and Spring Washer.</p> <p>(ii) Two Nos. forged cotter pints and spring washer to suit the tongue and the clevis.</p> <p>(iii) Formed helical fittings should be of suitable materials i.e all alloy aluminum steel suitable for ACSR weasel (7/2.59/30mm²)AAAC.</p> <p>(iv) Strain clamps shall be suitable for the above ACSR conductor or AAAC. The ultimate strength of the clamp should not be less than 3000 Kg and slipping strength shall not be less than 90% of this figure. The clamp should be malleable cast iron/All alloy A-6.</p>	5000 nos
2.	<p><u>MS NUTS & BOLTS</u> Black Hexagonal Bolts with Nuts of 16mm Dia as per relevant ISS of following Sizes</p> <p>(a) 25 mm</p>	2MT
	(b) 50 mm	2MT
	(c) 75 mm	2MT
	(d) 100 mm	2MT
	(e) 125 mm	2MT
	(f) 150 mm	2MT
	(g) 175 mm	2MT
	(h) 200 mm	1.5MT
	(i) 225 mm	1.5MT
	(j) 250 mm	1.5MT
	(k) 275 mm	1.5MT

	(l) 300 mm	1.5MT
3.	<u>Aluminium Cable Lugs</u> Cable Lugs of Aluminium tubular terminal end of any reputed make with ISI mark for crimping to all conductors of sizes.	
	(a) 16 mm ² PVC Cable	5000 nos
	(b) 25 mm ² PVC Cable	5000 nos
	(c) 35 mm ² PVC Cable	5000 nos
	(d) 50 mm ² PVC Cable	5000 nos
	(e) 70 mm ² PVC Cable	5000 nos
	(f) 95 mm ² PVC Cable	5000 nos
	(g) 120 mm ² PVC Cable	5000 nos
	(h) 150 mm ² PVC Cable	5000 nos
	(i) 185 mm ² PVC Cable	5000 nos
	(j) 250 mm ² PVC Cable	5000 nos
	(k) 300 mm ² PVC Cable	5000 nos

NOTE: -

1. The sample of above items in SI.No.1 should be submitted to the SDO (ESD), Balasore on or before Date & Time of opening of the The bid is treated as cancelled, if samples are not submitted in time.
2. The Manufacturer and Authorized Dealer of reputed company shall be given priority on production of Documentary Evidence.
3. The material when ordered should be dispatched to the Stores Balasore by Road Transport.
4. The undersigned reserves the right to reduce or increase the quantity at time of placing orders and right to reject any or all quotations without assigning any reason thereof.
5. **Price variation clause is not allowed.**

Sd/-

General Manager (Commerce)

NESCO, Balasore.

SECTION – III (TECHNICAL DETAILS)

TENDER NOTICE NO-7797 Dtd.20.04.07.

GROUP NO – C

Tender Specification against Tender Notice No.- 7797 Dtd.20.04.07.

SI No.	Description of Materials	Quantity required
1.	<u>KIT KAT FUSE</u> Kit Kat Fuse with porcelain bas as per relevant ISS of BPC or any other reputed make.	
(i)	15/16 Amps 250 Volt	200 nos
(ii)	30/32 Amps 500 Volt	400 nos
(iii)	60/63 Amps 500 Volt	800 nos
(iv)	100 Amps 500 Volt	800 nos
(v)	200 Amps 500 Volt	600 nos
(vi)	300 Amps 500 Volt	400 nos
2.	<u>33KV A B Switch Spares</u>	
(i)	Male contact with flexible and connector clamps (Horizontal) as per latest ISS	100 nos
(ii)	Male contact with flexible and connector clamps (Vertical) as per latest ISS	100 nos
(iii)	Female contact with connector clamps (Horizontal) as per latest ISS	100 nos
(iv)	Female contact with connector clamps (Vertical) as per latest ISS	100 nos
3.	<u>11KV AB Switch Spares</u>	
(i)	Male contact with flexible and connector clamps (Horizontal) as per latest ISS	400 nos
(ii)	Male contact with flexible and connector clamps (Vertical) as per latest ISS	400 nos
(iii)	Female contact with connector clamps (Horizontal) as per latest ISS	400 nos
(iv)	Female contact with connector clamps (Vertical) as per latest ISS	400 nos
4.	<u>250 Watt H.P.S.V. Fittings with lamp</u>	250 nos

NOTE: -

1. The sample of above items in SI.No.1 should be submitted to the SDO (ESD), Balasore on or before Date & Time of opening of the tender. The bid is treated as cancelled, if samples are not submitted in time.
2. The Manufacturer and Authorized Dealer of reputed company shall be given priority on production of Documentary Evidence.
3. The material when ordered should be dispatched to the Stores Balasore by Road Transport.
4. The undersigned reserves the right to reduce or increase the quantity at time of placing orders and right to reject any or all quotations without assigning any reason thereof.
5. **Price variation clause is not allowed.**

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