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BUDGETARY

OFFER

**FOR REMOVING OF UNUSED AND UNSERVICEABLE VARIOUS
SIZE OF CABLES FROM CABLES TRENCH AT VARIOUS
LOCATIONS AND RELAYING OF 2 RUN OF 3½ C X 400 SQ.MM.
LT ALUMINIUM CABLE BETWEEN B – SUBSTATION AND HYD.
SUBSTATION IN CHENNAI PORT TRUST**

SUBMISSION ON OR BEFORE 27 .04.2017

**THE CHIEF MECHANICAL ENGINEER
7TH Floor, Centenary Building
Rajaji Salai, Chennai – 600 001.**

BUDGETARY OFFER FOR REMOVING OF UNUSED AND UNSERVICEABLE VARIOUS SIZE OF CABLES FROM CABLES TRENCH AT VARIOUS LOCATIONS AND RELAYING OF 2 RUN OF 3½ C X 400 SQ.MM. LT ALUMINIUM CABLE BETWEEN B – SUBSTATION AND HYD. SUBSTATION IN CHENNAI PORT TRUST

TECHNICAL SPECIFICATION
SCHEDULE – ‘A’

1.0 GENERAL

Chennai Port Trust proposes to remove the existing unused and unserviceable various size of cables from the cable trench at various locations and relay 2 run of 3½ core X 400 sq.mm. 1.1KV grade, L.T, Aluminium cable from between - B - substation and Hydraulic substation in Chennai Port Trust.

2.0 SCOPE OF WORK

1. Remove the existing unused and unserviceable various size of cables from the cable trench at various locations.
2. Removed unwanted various size of cables from various locations shall be shifted to Power supply section / RSA yard with own transport arrangement.
3. Remove unwanted foreign materials, sediment and mud from the existing cable trench without damage the RCC cover. The removed unwanted items are shifted from the site to outside Ch.P.T. premises with own transport arrangement.
4. Relay 2 run of 3½ core X 400 sq.mm. 1.1KV grade, L.T., Aluminium cable from between - B - substation and Hydraulic substation.
5. Disconnect service / unserviceable plug cables from connection and remove the cable from pillar room to plug at various locations. To clean complete plug cable trench and re-lay 1 run 3½ core X 400 sq.mm. 1.1KV grade, L.T. Aluminium cable from pillar room to plug at various locations including its end termination and connections with supply of materials and accessories. Derbies and unwanted materials shall be cleared from site with own transport arrangement.
6. Supply of Heat shrink straight through joint kit, end termination accessories and making Heat shrink straight through joints and end terminations of L.T. cables.

3.0 STANDARDS:

The design, manufacturer supply and testing of the various equipment and accessories covered in this specification shall comply as per relevant IS standards with latest amendments.

Note:

1. 3¹/₂ core X 400 sq.mm. 1.1KV grade, L.T. XLPE, UG Aluminium cable will be supplied by Chennai Port Trust
2. All transportation shall be arranged by the contractor at their cost.

4.0 TECHNICAL SPECIFICATION:

4.1 REMOVING OF VARIOUS SIZES OF CABLES AT VARIOUS LOCATIONS

Removal of concrete slab from the existing cable chassis without any damage for removal of existing unused and unserviceable various size of cables from the cable trench at various locations. Removed unwanted various size of cables from various locations shall be shifted to Power supply section / RSA yard with own transport arrangement. Removed unwanted foreign materials, sediment and mud from the existing cable trench shall be shifted from the site to outside Ch.P.T. premises with own transport arrangement by the contractor.

4.2 LAYING OF 3 ½ Core 400 sq.mm L.T. CABLES:

The cable measurements are tentative and may vary according to site condition. Laying of 3 ½ core 400 Sq.mm, Aluminium XLPE / PVC, L.T., 1.1KV voltage grade cables in the cable trench shall be done after removing the trench covers carefully. After completion of cable relaying work the removed cable trench cover (slap) shall be re-closed by the contractor as per original without any damage. If any damage during execution of work is the responsibility of the contractor. The damaged slab shall be replaced as per original by the contractor at own cost with labour.

4.3 L.T. CABLE STRAIGHT THROUGH JOINT:

The 3 ½ core 400 Sq.mm, Aluminium XLPE / PVC L.T. Cable L.T. straight through joint of cable shall be done with heat shrink joint kits of approved make. All jointing accessories and other material shall conform to IS Specifications wherever available. On both sides of joint a loop of sufficient length of 3 to 5 Mtrs shall be kept for future requirement.

The work includes all labour and material required and shall be done as required by E.I.C.

4.4 END TERMINATION OF L.T. CABLES:

The end termination of 3 ½ core 400 Sq.mm, Aluminium XLPE / PVC L.T., 1100 Volt grade cables shall be supply of cable glands, crimping type lugs and other materials and accessories of approved make including labour etc. The crimping type lugs shall be installed by highly skilled personnel. The complete work shall be carried out as per standards.

5.0 LIST OF APPROVED MAKES

S.No.	ITEM	Name of Manufacturers
1	Cable lug & Cable Gland	DOWELLS / JHONSON / RAYCHEM
2	Straight through joint kit and End Termination Kit	3M / RAYCHEM / DENSON

6.0 COMPLETION PERIOD

Entire work shall be completed within 60 days from the date of 7th day of issue of order.

7.0 VARIATION:

Variation means variation in quantities of items i.e. Where there is increase of quantities of items of work in the agreement. On other words, the nomenclature of work remains the same, but the quantity of variation is maximum 30 % against the Tender cost shown in the agreement. The said variation shall be executed after approval of the competent authority.

Note:

(i) The firm shall furnish the Schedule of Prices and Quantities (Schedule – ‘A1’) as per Technical specification Schedule – ‘A’, Special conditions of contract(SCC) and General conditions of contract(GCC).

(ii) For any clarifications, the firm may contact Executive Engineer (PS) at IInd floor, Old Administrative office, Chennai Port Trust, Telephone Nos.25362201 – Ext:2542 (or) DY.CME (ES&CH) at IInd floor, Old Administrative office, Chennai Port Trust, Telephone Nos.25362201 – Ext:2252.

**CHIEF MECHANICAL ENGINEER
CHENNAI PORT TRUST**

SCHEDULE OF QUANTITIES AND PRICES

SCHEDULE 'A1'

Sl. No	Description of Item / Work	Unit	Qty.	Rate/Unit (Rs.)	Amount (Rs.)
1.	Remove the existing unused and unserviceable various size of cables from the cable trench at various locations as per schedule – 'A'.	Mtr.	7000		
2.	Removed cables shall be shifted from various locations to Power supply section / RSA yard with own transport arrangement as per schedule – 'A'..	L.S.	L.S.		
3.	Remove unwanted foreign materials, sediment and mud from the existing cable trench without damage the RCC cover.	Mtr.	900		
4.	The removed unwanted items are shifted from the site to outside Ch.P.T. premises with own transport arrangement as per schedule – 'A'..	L.S.	L.S.		
5.	Relaying of 2 run of 3 ¹ / ₂ core X 400 sq.mm.1.1KV grade, L.T. XLPE / PVC, Aluminium cable between B - substation and Hydraulic substation as per schedule – 'A'.	Mtr.	850		
6.	Disconnect service / unserviceable plug cables and remove the cables from pillar room to plug at various locations as per schedule – 'A'.	Mtr.	3600		
7.	Remove unwanted foreign materials, sediment and mud from the existing plug cable trench without damage the RCC cover as per schedule – 'A'.	Mtr.	400		
8.	Re-lay 1 run 3 ¹ / ₂ core X 400 sq.mm. 1.1KV grade, L.T. Aluminium cable from pillar room to plug at various locations including its end termination and connections with supply of materials and accessories as per schedule – 'A'.	Mtr.	1200		

9.	Heat shrinkable Straight through joint kit for L.T. 1.1KV, 3 ½ X 400 Sq. mm XLPE/ PVC Aluminum cable as per Technical specification of schedule 'A' a) Supply b) Installation	No. No.	15 15		
10	End termination of the cable end for L.T. 1.1KV, 3 ½ X 400 Sq. mm XLPE/ PVC Aluminum cable as per Technical specification of schedule 'A' a) Supply b) Installation	No. No.	50 50		
Total					
Service Tax %					
Gross Total					

Firm's signature and Seal



CHENNAI PORT TRUST GENERAL CONDITIONS

1.0. Taxes and Duties:

The offer price shall be firm inclusive of taxes and duties. The service tax shall be extra as applicable and the same shall be paid on provision of documentary evidence.

2.0. Completion Period:

Entire work shall be completed within 60 days from the 7th day of issue of the order.

3.0. Payment Terms:

- (i) 100% payment will be made within 30 days acceptance of the work through e-payment.

Income tax @ 2% with applicable surcharge & education cess shall be levied U/S 194 (c) of Income Tax Act 1961. Similarly Tamil Nadu Value Added Tax as per Section 13 of T.N.VAT Act 2006 shall also be deducted. In case of exemption from the above levy necessary non-deduction certificate shall be produced by the tenderer from Income Tax / Commercial Tax office respectively.

The tenderer shall quote the Bank Account details for the payment through ECS along with PAN. A copy of the Pan Card shall be furnished

- (ii) The amount deposited by the contractor as security deposit under the agreement will be refunded to the contractor after satisfactory completion of the entire work and acceptance by the Trust.

4.0. Liquidated Damages/ Late delivery charges:

The contractor shall complete the work within the completion period as per GCC, Schedule 'C', clause (2). Failure of which, the Liquidated Damages/Late Delivery Charges shall be ½ % of the contract value per week or part thereof (a week is defined as 7 days inclusive of holidays) subject to a maximum of 10% of the contract value.

5.0. Validity:

The validity period for the offer shall be 120 days from the date of opening of quotation.

6.0. Guarantee Period:

The entire work shall be guaranteed for a period of 12 months from the acceptance of the work.

7.0. Security Deposit:

- (i) The security deposit in any manner suggested above shall be to the extent of 10 % of the total contract amount of accepted tender towards security for the due fulfillment of the conditions of contract and the Tenderer must execute an agreement in the form hereto annexed. The Demand draft/Bankers' Cheque shall be furnished immediate from the date of placement of order. The Demand draft/Bankers' Cheque shall be in favour of the Chairman, Chennai Port Trust payable at Chennai. No interest will be allowed on each deposits.
- ii) 10% of the amount deposited by the Tenderer as security under the agreement will be refunded to the contractor after the satisfactory completion of the Guarantee period or extended Guarantee period.

Only on payment of security Deposit the site will be handed over to the contractor for commencing the work.

8.0 ESI Clause:

The details of employees proposed to be engaged shall be furnished to this office before the commencement of the work.

- (a) As per the Govt. Notification dated 20.07.2009, Chennai Port Trust has registered under the ESI Act on 26.09.2012 with ESI Corporation and provision of ESI Act, 1948 are applicable to Chennai Port Trust, a Social Security Act, is applicable to Factories using power and employing 10 or more personnel and establishment employing 20 or more persons and drawing wages/salary upto Rs.15,000/- per month. Workers covered under ESI Act, are entitled for full medical care for self and family. Besides, cash benefit in the event of sickness, maternity and employment injury. Accordingly, the contractual/casual employees drawing wages upto Rs.15,000/- per month employed either directly by Port Trust or through contractor are covered under ESI Act, 1948. It is obligatory on the part of the employer to calculate and remit ESI contribution comprising of employers' share of 4.75% plus employees' share of 1.75% which is payable on or before 21st of the following month, to which the salary relates.
- (b) In case of Contractor employs more than 20 employees, they should register their name with ESI as per ESI Act, 1948 and obtain ESI Code. Both Employers share of 4.75% and Employees contribution of 1.75% (recovered from employees), totally 6.5% to be paid as contribution to ESI in their Code on or before 21st of following month to which the salary relates and acknowledgement for the same shall be submitted to the Port while claiming the bill. The bill without the acknowledgment of ESI contribution will not be entertained. In case the contractor has not paid

the ESI contribution same will be recovered in the running bill and paid to the ESI Corporation in contractor's code. The delay in payment of contribution payable under the Act may be recovered as an arrear of Land Revenue.

- (c) In case the contractor employs less than 20 employees, the list of employees' names, their father's name, identification proof, one passport photo shall be submitted to the Port Trust. The contribution of ESI amount, both Employers share of 4.75% and Employees contribution of 1.75% (recovered from Employees salary), totally 6.5% shall be paid by the Contractor in the Chennai Port Trust Code on or before 21st of the following month to which the salary relates or otherwise payment to the contractor will be withheld. If the contractor fails to comply with the above instruction, then the Principal Employer (Chennai Port Trust) will make payment to the ESI Corporation. Such amount will be deducted from any amount due to the contractor. The delay in payment of contribution payable under the Act may be recovered as an arrear of Land Revenue.
- (d) As per the above government Notification
- i) All intending tenderer at the time of Tender shall disclose all documents as to whether they are covered under ESI Act or not.
 - ii) In case they are covered under ESI Act, they have to furnish the details of registration.
 - iii) In case the tenderer does not possess ESI Registration at the time of participation in the Tender, then they should obtain registration under ESI Regulations before award of the work by Chennai Port Trust and submit the same within 30 days from the date of issue of work order. Any payment towards the work order will be made only after the ESI registration.
 - iv) The Tenderer shall submit his first bill together with evidence of having obtained registration under ESI regulations and only then the bill will be processed for payment. Subsequently, the Tenderer should periodically submit to Chennai Port the Form 6 prescribed under ESI Regulations along with the proof for having remitted his dues under ESI Regulations in respect of the workers / labours employed for the work awarded by Chennai Port to facilitate making payment for the bills of the Contractor.
 - v) In case, the Tenderer is not covered under ESI Act or exempted, they would furnish necessary documents along with an affidavit in original affirming before a first class Judicial Magistrate in a Non Judicial Stamp Paper worth Rs.20.00 to that effect.
 - vi) In case they are not covered under ESI Act, they must additionally indemnify ChPT against all damages & accident occurring to his labour in a Non – Judicial Stamp paper worth Rs.100/-.

9.0 Other terms and conditions:

- 9.1 The contractor is advised to visit the Site and get acquainted regarding the nature of the work involved at site conditions before quoting the rate along with the acceptance letter.
- 9.2 The technical Specification Schedule 'A' and Schedule of prices and Quantities Schedule 'A1' to be read in conjunction to ensure the actual supply and works involved.
- 9.3 No Men, Materials, Testing Equipments, Food & Accommodation, Transport will be provided throughout the work departmentally.
- 9.4 The Trust will not be responsible for any loss or damage of the men/materials /tools/ plants engaged by the firm during the work at site or transportation.
- 9.5 No advance payment will be made.
- 9.6 Necessary Entry passes shall be obtained by the Contractor at their own cost with the approval of Port Officials.
- 9.7 Power Supply will be provided at free of cost by the Port, however the contractor should make his own arrangements to take power supply from the nearest source of supply.
- 9.8 The Contractor shall take utmost care during the execution of the work, if any damage to Port Property, the cost of the damage shall be deducted from the Contractor's bill.
- 9.9 The Chief Mechanical Engineer reserves the right to award any portion of the work or to drop the work altogether at his discretion without assigning any reasons.

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CHENNAI PORT TRUST