



CHENNAI PORT TRUST

No. MEE/EC5/041/ 2018/ DCME(EC/OS)

BUDGETARY OFFER FOR SUPPLY AND LAYING OF ONE RUN OF 50 PAIR ARMoured UNDER GROUND JELLY FILLED TELEPHONE CABLE BETWEEN WEST FIRE PILLAR BOX AND SIGNAL STATION JUNCTION BOX AND FROM NEWLY WIDENED ROAD (OPP.TO INDUSTRIAL CANTEEN) TO M&F SHOP PILLAR BOX IN CHENNAI PORT TRUST.

THE OFFER TO BE SENT TO THE FOLLOWING ADDRESS ON OR BEFORE 17.07.2018

The Chief Mechanical Engineer
No.1 Rajaji Salai
Chennai Port Trust
Chennai 600 001.

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SCHEDULE - A
TECHNICAL SPECIFICATION

1.0 .GENARAL

Trust proposes to supply and lay a new 50 pair Armoured Under ground Jelly filled telephone cable of one run between West fire pillar box to Signal station Junction box and from Newly widened Road (Opp. To Industrial Canteen) to M&F shop Pillar box to restore the effective communication as per the Scope of Work and Technical Specification given below.

2.0 .SCOPE OF WORK:

- a) Supply of 800 Meters length of 50 pair Armoured Under Ground Jellyfilled telephone Cable as detailed in the technical specification mentioned below.
- b) Supply of 5 Nos. 50pair Armoured Under ground Telephone cable Jointing Kit complete with all accessories.
- c) Supply of 1No. 7 Meter length 150 mm dia 'B' Class GI pipe
- d) Laying of the above telephone cables as detailed in the technical specification mentioned below.

3.0 .TECHNICAL SPECIFICATION:

(i) ARMoured TELEPHONE CABLE: Qty: 800 Meters.

Make : FINOLEX / POLYCAB / UNIFLEX

Type : 50 Pair ,0.5mm dia. Annealed copper conductor, Polythene insulated, Cores twisted into pairs, Pairs laid up , Fully filled, Taped with suitable absorbent tape, Cable core applied with Poly-Aluminum laminate moisture barrier, Double steel tape armoured and overall polythene jacket , Armoured Under Ground Jelly filled telephone cable conforming to Specifications DOT G/CUG-01/02 Feb 96 and G/CUG-02/01 JUNE 98 and RDSO Specification TC41/97.

(ii) TELEPHONE CABLE JOINTING KIT

Qty : 5 Nos.

Make : SIECHEM / ACECHEM / RAYCHEM

Type : Heat Shrinkable jointing copper closure kit suitable for 50 pair 0.5mm dia of copper conductor Armoured Under ground Jellyfilled Telephone cable.

(iii) 7 Meters length 150mm Dia 'B' class GI pipe

Qty : 1No

(iv) Laying of Telephone cables by the contractor:

- a) Lay of 1 run of 50 pair cable shall be clamped on the wall for every one Meter length at west Fire and Signal station for 125 Meters.
- b) Shall excavate the Earth of size 30 cm width x 60 cm depth, lay 1 runs of the above cable for 60 Meters using standard size bricks to cover the cable in top, sides and re-closing the trench with excavated soil and make it original level.
- c) Shall excavate the Earth at Railway crossing of size of 60 cm depth and 30 cm width to lay 1 run of the above cable inside Class "B" type 150 mm dia GI Pipe supplied by the contractor for 7 Meters and reclose the trench with the excavated material.
- d) Shall cut the concrete road to a depth of 15 cm and 15 cm width to lay 1 run of the above cable for 120 Meters and after laying the cable to reclose the concrete road by using the cement plastering.
- e) Shall lay of 1 run of the above cable in the existing trench by opening the slab covers for 480 Meters and after laying the cable to re-close the same without damaging the slab.

Note: Payment will be made only for the actual quantity laid.

The material shall be transported to the site by the contractor's own arrangements. If there be any damage to the Trust properties during the Wall clamping and excavation the same shall be made good by the contractor's at his own cost. Care shall be taken to avoid damage to the

Trust properties such as power cable, Telephone cables, water pipe line etc., The contractor's work shall not affect the normal Port Trust works. The works carried out and the materials supplied shall have the approval of Chief Mechanical Engineer or his authorized representatives.

4.0 GENERAL TERMS & CONDITIONS:

1. The Contractor shall inspect the site before quoting to acquaint themselves to know the cable route ,site conditions,constraints, works involved, etc.
2. The technical specification – Schedule ‘A’ – and Price Schedule – Schedule ‘A1’ to be read in conjunction to make sure of the supply and works involved.
3. The Contractor is required to offer rates as per Trust's format – Schedule ‘A1’ without fail and mention taxes and duties.
4. The Contracting firm shall not do any damage to the existing service/live of cables/pipe lines and if any damages happened on the above, the actual charges incurred for rectification to restore as normal shall be recovered from the firm or it shall be rectified by their own cost.
5. Necessary precautions shall be taken by the Contractor or his labourers while working near the Road, Railway track, Power supply cables, etc.
6. Safety and safe custody of materials, tools and plants that are required by the firm during works, testing, commissioning and till handing over to the Trust shall entirely be the responsibility of the Contractor.
7. The Trust shall not be responsible for any damage or loss of any of the firm's men and materials and for any damage/accident to the firm's personnel.
8. The loading, transporting and unloading of the cables and other items from the section/store to site shall be the responsibility of the Contractor.
9. **The entire work shall be completed within 45 days from the date of receipt of order.**

10. **The Contractors shall inspect the site before quoting the budgetary offer.**
11. The contractor has to comply with the ESI and EPF act.
12. **All the Offerers should furnish their GST registration number** along with their offer.
13. Clarifications, if any the firm may contact “Excutive Engineer (E&C), 4th floor of the Old Administrative office Annex Building, Chennai Port Trust, Telephone No. 25312708.

CHIEF MECHANICAL ENGINEER

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SCHEDULE OF PRICES & QUANTITIES
SCHEDULE 'A1'

S.No.	Description of Item/Work	Unit	Qty.	Rate/Unit	Amount
1	Supply of 50 Pair 0.5 mm dia. Under ground armoured Jelly filled Telephone cable as per Trust specification detailed in Schedule 'A'	Meter	800		
1a	GST @ -----% for item No.1				
2	Supply of heat shrinkable straight through Telephone Cable joint kit suitable for 50pair Armoured Under ground Telephone cable	Nos	5		
2a	GST @ -----% for item No.2				
3	Supply of 7 Meter length 150 mm dia 'B' Class GI pipe	No	1		
3a	GST @ -----% for item No.3				
4	Laying of 1 run of 50 pair cable in the Wall using Clamping by the Contractor as detailed in Schedule 'A'	Meter	125		
5	Laying of 1 run of 50 pair cable in the earth excavated of size 60 cm depth x 30 cm width after completion of cable laying work by using sand, standard size bricks to	Meter	60		

	cover the cable and the surface level shall be made as original by excavated soil by the Contractor as detailed in Schedule 'A'				
6	Laying of 1 run of 50 pair cable in the earth excavated of size 60 cm depth x 30 cm width in 150 mm. 'B' Class GI pipe at Railway line crossing. After laying the cable re-closing the same by Cement Plastering Work.	Meter	7		
7	Laying of 1 run of 50 pair cable to cut the concrete road crossing to a depth of 15 cm and 15cm width and lay the cable.	Meter	120		
8	Laying of 1 run of 50 pair cable inside the concrete trench by removing the concrete trench slab after laying the cable re-close the slab.	Meter	480		
9	GST @ -----for item Nos. 4 to 8				
	Total				

(Rupees ----- Only inclusive of GST)

Note :

- 1) The quantity given is provisional and may be increased or decreased as per site conditions while laying . However the payment will be made only for the actual quantity of work carried out .
- 2) The rate shall be firm for any increase or decrease in quantity.
- 3) The Tenderer shall quote the GST exclusively
- 4) The Price should not be indicated as "inclusive of GST".
- 5) The Trust will not provide any form 'C' or 'D'.

Date:

**CONTRACTOR's
Signature with Seal.**