

PAKISTAN AERONAUTICAL COMPLEX, KAMRA MIRAGE REBUILD FACTORY

TENDER NOTICE : OPEN TENDER

Tender reference	:	MRF/Log/24-25/OT-8
Tender No	:	OT-8
Publishing date	:	22 January, 2025
Last date of submission of bids	:	06 February, 2025 (1000 Hrs)
Opening date & Time	:	06 February, 2025 (1100 Hrs)

1. Sealed tenders for purchase / repair of items as per enclosed list are invited from sales tax registered Suppliers who are on Active Taxpayers List (ATL) of FBR.

Pattern of Quotations

2. The quotation shall comprise a single package containing 02 separate envelopes. Tender reference along with due date of opening and Category Number must be clearly marked. Each envelope shall contain separately, the financial proposal and the Technical proposal respectively. Each bid (financial / technical) will be on separate leaf against single line item, envelope cover must be marked with "Item name". Quotations with multiple line items on single page will be dropped. **Quotations should be on original letter head (color printed)**. The quotations shall be addressed to Managing Director MRF, PAC Kamra as per terms given below:-

(a) **Technical Offer:** It should be without prices and contain all relevant essential specifications along with literature / brochures. Tender number, date of opening and word (**Technical offer**) should be clearly marked. The tendered Part No should be mentioned against quoted item / offer. Any details of equivalent / variables being quoted should be clearly mentioned against Part No being tendered. **NSN / OEM Part No** should be mentioned on both technical and commercial quotations. All quoted products must have traceable local / foreign OEM. **Country / Place of Manufacture / OEM** of stores is to be provided along with Technical / Commercial offer. **Certificate of Conformance** (where applicable), **Technical Data Sheet (TDS)** and **Material Safety Data Sheet (MSDS)** along with any other relevant literature by OEM are must for all Aviation Items, Chemicals, Material and Equipment. All precision measuring equipment must be quoted with provisioning of fresh **Calibration Certificate**. Spectrometric analysis report against raw material / hardware items may be required to establish conformity of delivered product. All Chemicals, lubricants and any item of shelf life range must be quoted with provisioning of **MSDS** along with fresh **Laboratory Test Reports** against corresponding LOT No, Batch No, Date of Production, Date of Expiry of delivered stores. **Part Catalogues, IPBs (Illustrated Part Breakdown), User Guides, Operating / Maintenance Manuals, Brochures, Prices** which ever available / applicable would be provided free of cost along with delivered stores. **Unit of issue** must be same as mentioned in tender notice. Confirmation to this effect is to be furnished by written certificate along with quotation. License keys, activation / access passwords and source codes are to be provided along with all software whether purchased individually or as a part of any system/equipment or machinery.

(b) **Financial Offer:** It should indicate price of quoted item (**to be delivered at MRF, Kamra premises with all liabilities on Suppliers**) and confirmation to the terms and condition of MRF tender inquiry. The words "**Financial offer**" should be clearly marked. The Quoted prices are to be exclusive of GST levied by the Government and these should be in accordance with the current Local market prices. GST must be mentioned separately. All

other charges must be incorporated in offered price. Rates must be mentioned in both “words” and “figures”. Following documents must accompany financial offer:-

- (i) Proof of being on **active taxpayers list**
- (ii) Sales tax registration certificate
- (iii) NTN certificate
- (iv) Professional Tax certificate of the province where the contract is being concluded as per MAG letter No 54/AT/S/1687-Vol-XXVII/P-29 dated 22 April, 2013 and Taxation department Punjab letter No SO (TAX) 1-33/77 (P-IV) date 28 August, 2003.
- (v) Any specific SRO / Tax exemptions if applicable must be notified along with commercial offer.

(c) **Bid Money / Earnest Money:** The **unregistered firms with PACB** (Pakistan Aeronautical Complex Board, Kamra) will have to furnish **earnest money @ 5%** of the quoted value through **Bank Draft / CDR** in favour of **Public Fund Account MRF PAC, Kamra**. The earnest money instrument should indicate Tender reference and firm/company name. In case where the exact Quantity has not been mentioned the earnest money should be calculated against MOQ / market available standard OEM packaging. The exact bid money in this scenario will have to be furnished within 01 week of intimation of being technically accepted, lowest financial bidder. The confirm purchase order will be furnished upon receipt of earnest money. Earnest money of bidders backing out of submitted quote or failing to provide in time delivery will be forfeited along with initiation of disciplinary actions.

Quantity

3. Quantity can be increased / decreased at the time of order as per MRF requirement without change of financial quotations. Bids once submitted will not be allowed to be changed and will be binding on suppliers for delivery of stores if purchase order is furnished, however, clarifications may be sought.

Offer requirement / validity

4. The quotation should be valid if it contain under mentioned information.
 - (a) Quote Validity should be minimum **90 days** and extendable on request. Quotations with less validity will be rejected.
 - (b) EDD must be available on Commercial Quote. Quotation will not be accepted without delivery period.
 - (c) Picture and TDS must be available with technical quote.
 - (d) Separate quote for every single line item.
 - (e) Mentioning of date on commercial / technical quotes is mandatory.
 - (f) Terms & Conditions should be mentioned on commercial / technical quotes.

Delivery Period

5. **Items are to be delivered at MRF, PAC KAMRA premises with all liabilities on Suppliers.** Stores are required within minimum possible delivery period. Offer with minimum delivery period are likely to be preferred. However, the delivery period should be factual as no subsequent extension will be granted except under extreme / un-avoidable circumstances. **Delivery period will invariably start from furnishing of written (provisional / firm) purchase order whichever is earlier.** Delivered stores must be in **standard packing** (free of any separate

cost). Delivery of items shall be strictly made as per timeline mentioned in purchase order. In case of failure, MRF reserves the right to cancel any PO.

6. **Acceptance of Stores / General Terms & Conditions**

- (a) **Certificate of Conformance, TDS and MSDS** by OEM is must for all aviation items, Materials and Equipment.
- (b) All precision measuring equipment must accompany fresh **Calibration Certificate either from OEM or any certified credible facility.**
- (c) All Chemicals, lubricants and any item of shelf life range must accompany **MSDS** along with fresh **laboratory test reports against corresponding LOT number, Batch number, date of production, date of expiry of delivered stores.**
- (d) In case of life items, the remaining shelf life must be at least 75 % at the time of delivery.
- (e) Stores will be accepted after inspection by concerned user / Quality Control Directorate as per QMS of MRF.
- (f) Supplier will be made responsible for **warranty / guarantee** of newly purchased items **at least one year or maximum possible.** In case of rejection of item on receipt or any defect / anomaly found within warranty period whether before use or while in use, the supplier will provide free of cost repair / replacement (which applicable) at MRF Kamra premises bearing all liabilities.
- (g) All repair works / services will INVARIABLY be under at least **06 months warranty**, unless contracted otherwise and depends upon case to case basis.
- (h) **Part Catalogues, IPBs (Illustrated Part Breakdown), User Guides, Operating / Maintenance Manuals, Brochures, Prices** which ever available / applicable would invariably be provided **free of cost** along with delivered stores.
- (j) Items should be current year's production.
- (k) Supplier will retain record of all products delivered to MRF karma, for at least 03 years.
- (l) MRF reserves the right to visit / inspect any premises of supply chain against required / offered products.
- (m) The supplier will be responsible for in time payment of all applicable taxes and duties to relevant agencies as per in vogue GOP regulations. The supplier must be able to furnish / produce such record as and when demanded by MRF.
- (n) Any item being tendered if obsolete / discontinued by OEM may please be communicated along with said certification by OEM. Suitable replacements / substitutes / interchangeable may also be communicated along with complete technical / operational details.
- (p) All quotations/ bids, correspondence and clarifications / queries must be on company letter head duly signed by authorized signatory authority. Active contact / correspondence details (phone no. mobile no. email & postal address must be mentioned).
- (q) All quotations, bids, clarifications, queries, correspondence and product will be kept strictly confidential.

Release of Payment

7. Payment will be released by Dte of Budget and Accounts, MRF PAC, Kamra on submission of Sales Tax invoice along with copies of GST registration, NTN certificate and Professional Tax certificate. Sales Tax Return against previous transactions (if any) during current financial year and copy of relevant SRO (if applicable) will also be required. All payments are to be received after successful acceptance of delivered stores by user and upon furnishing of requisite documentation. After receipt of payment, supplier is to furnish monthly sales tax return declaration along with Annexure "C" (DOMESTIC SALES INVOICE DETAIL) duly depicting invoice number against which payment has been received from MRF, Kamra. Specified amount of GST and Income tax will be withheld/ deducted at source as per GOP instructions in vogue. Any exemption in this regard will only be entertained upon furnishing of FBR issued EXEMPTION certificate in name of Firm / Company against specified item.

Terms and Conditions

8. The terms and conditions mentioned in this document will be integral part of any purchase order furnished against this tender, whether or not mentioned again.

Clarifications of Queries

9. Queries if any may be cleared by contacting **051-90994414, 90994727**.

Rejection

10. Offers are liable to be rejected if:

- (a) There is a deviation from any instruction.
- (b) Offers are found conditional or incomplete in any respect.
- (c) Overwriting / erasing in prices.
- (d) Firm **BLACKLISTED / UNDER EMBARGO / DELISTED** by any **Government Organization**.
- (e) Any terms and conditions not in conformity with tendered terms and conditions.

Delivery of Tender

11. **Each quotation (financial / technical) shall be on separate leaf against single line item.** Both the envelopes of **Technical and Commercial** offers should be enclosed in one cover properly sealed, **envelope cover must be marked with "Item name"** and bear the following address of Indigenous Provisioning office, MRF with **tender Inquiry number and opening date**.

O i/c Indigenous Provisioning
Mirage Rebuild Factory,
Pakistan Aeronautical Complex, Kamra
District Attock

Opening of Tender

12. The quotations must be in original and are to reach at this factory by **1000 Hrs** on **06 February, 2025**. All quotations are to be dropped in the tender box placed at the MRF Guard Room. No quotation will be accepted in photocopy, through Fax and after due date and time. Tender will be opened on **same day at 1100 Hrs** in the presence of witnessing officers and available representatives of the firms in O i/c Indigenous Provisioning. MRF reserve the right to cancel or reject any or all bids / proposals against complete tender or any part thereof, at any time

without any liability. In case of official holiday the Tender will be opened on next working day. Details of requirements are as follows: -

“Flexible Container, AB Flex, Safety Shoe Heavy Duty(Impact Resistance Compressive Strength), Safety Shoe Heavy Duty(Impact Resistance Compressive Strength), Safety Shoe Heavy Duty(Impact Resistance Compressive Strength), Safety Shoe Heavy Duty(Impact Resistance Compressive Strength), Safety Shoe Heavy Duty(Impact Resistance Compressive Strength), Insert, Micrometer Head, Boring Cutter, Splicing Machine, T56 Test Cell With Complete Accessories, Oil Lubricating, Magna Valve, Ball Tip Scriber, Transfer Standard Accelerometer Dytron, Strainer, Monorail Overhead Cranes 2.5 Ton, Hylomar Sq32m Sealing Compound Aerograde (PL32), High Vacuum Grease, Ripoch Furnace, Corundum1250, T56 : Power Control ROD, Uninterrupted Power Source, Sealing Compound Rubber Silicone Thermosil. Underground Cable 50 Pair 0.6mm Armored With Laying Termination, Horse.”

13. List of items can also be downloaded from PPRA website www.ppra.org.pk and as well as PACB website www.pac.org.pk free of cost or can be collected from DTE of Log (LP Section) MRF PAC Kamra Distt Attock from **23 January, 2025** during working hours (except holidays).

Yours Sincerely,



(RAFAY JAMAL)
Squadron Leader
Managing Director
MRF, PAC Kamra

for

MRF QUALITY SYSTEM REQUIREMENTS

Following are the requirements to be satisfied by the Supplier (External Provider) / Sub-Contractor (Local Vendor) of MRF:-

1. The processes, products, and services to be provided including the identification of relevant technical data (e.g., specifications, drawings, process requirements, work instructions).
2. The approval of products and services, methods, processes, equipment, and the release of products and services.
3. Provide inspection and testing criteria for acceptance by MRF.
4. Obtain approval from MRF of changes in product / process.
5. Provide Objective evidence of the quality of product.
6. To ensure product conformance to specified requirements.
7. To provide manufacturing date and Lot number.
8. To provide shelf life and expiry date as applicable
9. Competence, including any required qualification of persons.
10. The external providers' interactions with the organization.
11. Control and monitoring of the external providers' performance to be applied by the organization.
12. Verification or validation activities that the organization, or its customer, intends to perform at the external providers' premises.
13. Supplier (External providers) apply appropriate controls to their direct and sub-tier Suppliers (external providers), to ensure that requirements are met.
14. Design and development control.
15. Special requirements, critical items, or key characteristics.
16. Test, inspection, and verification (including production process verification).
17. The use of statistical techniques for product acceptance and related instructions for acceptance by the organization.
18. To provide Material / Metallurgical test reports along with raw material for traceability through Lot / Batch No. External Provider will also provide date of manufacture of provided Lot / Batch No of raw material.
19. The need to:
 - (a) Implement a Quality Management System.
 - (b) Use customer-designated or approved external providers, including process sources (e.g., special processes).
 - (c) Notify the organization of nonconforming processes, products, or services and obtain approval for their disposition.
 - (d) Prevent the use of counterfeit parts.
 - (e) Notify the organization of changes to processes, products, or services, including changes of their external providers or location of manufacture, and obtain the organization's approval.
 - (f) Flow down to external providers applicable requirements including customer requirements.
 - (g) Provide test specimens for design approval, inspection/verification, investigation, or auditing.
 - (h) Retain records (documented information), including retention periods and disposition requirements.
20. Ensuring that persons are aware of:
 - (a) Their contribution to product or service conformity.
 - (b) Their contribution to product safety.
 - (c) The importance of ethical behavior.

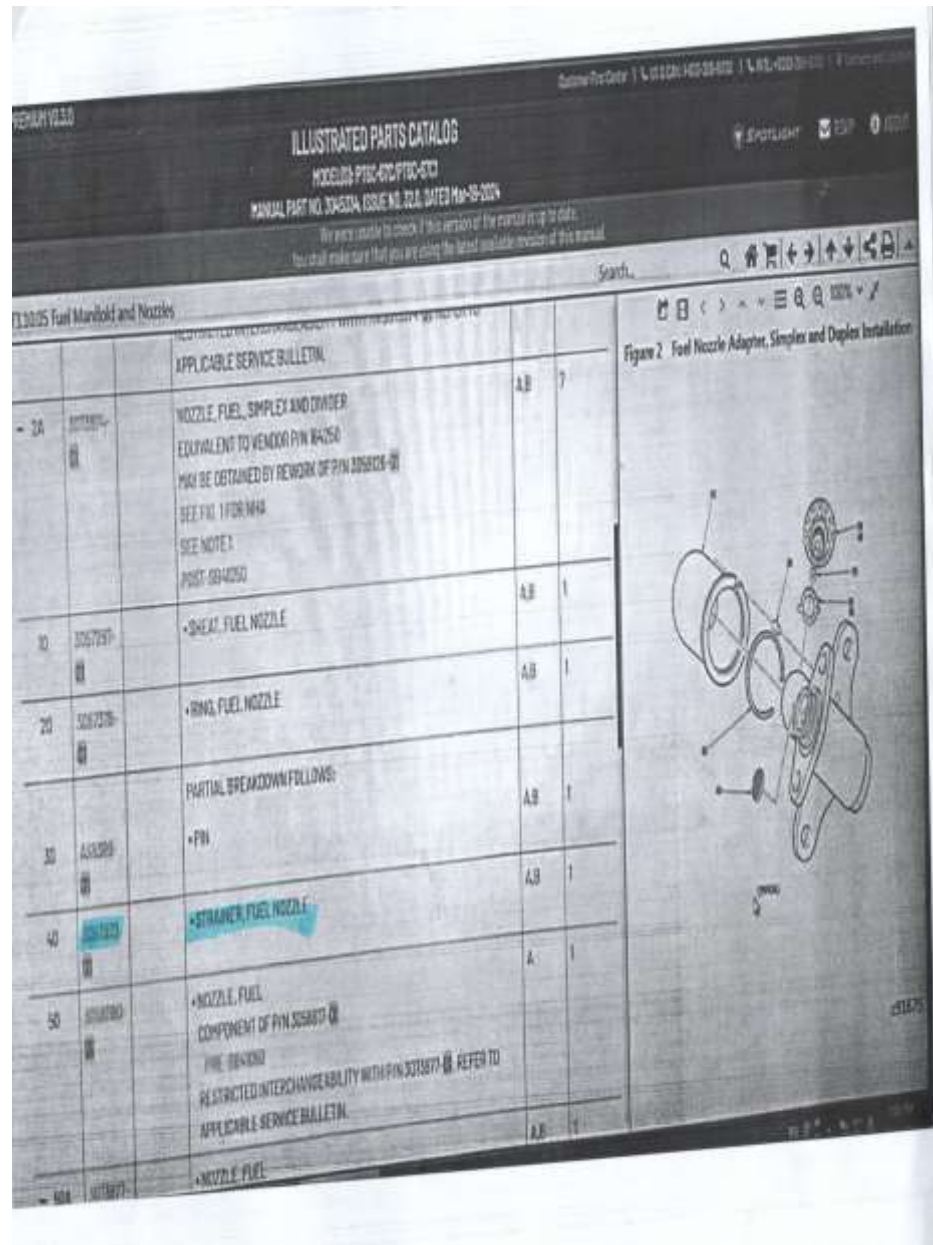
MRF/Log/24-25/OT-8 Date of Publishing 22 January, 2025 Last Date of Bids Submission 06 February, 2025

S No	Part No	Noun	Qty	UI	Shop	Remarks / Specifications
1	480485	Flexible Container	1	Ea	Oxygen Shop	As per sample
2	RES-01-5005	AB Flex	3	Ea	Design Management Office	As per sample
3	X1100N	Safety Shoe Heavy Duty(Impact Resistance Compressive Strength)	131	PR	Metal Shop (Atar) Heat Treatment Shop T-56 Etp Shop Plasma Shop Blasting Bay Welding Shop (Atar)	As Per sample
4	80534	Insert	10	Ea	Machine Shop T-56	As Per sample
5	18041	Micrometer Head	1	Ea	Machine Shop T-56	Part No : 18041 Noun : Micrometer Head Range / Size : 16-20 Company : Sip
6	72111	Boring Cutter	10	Ea	Machine Shop T-56	Part No : 72111 Noun : Boring Cutter Range / Size : 16-20 Company : Sip

7	FSM-90S	Splicing Machine	1	Ea	Surveillance Recovery Team(SRT)	<ul style="list-style-type: none"> i. Splicing Machine (FSM-90S) Fujikura With All Allied Accessories & Allied Tools is required. ii. 03 Years warranty is required for Splicing Machine. Or equalant
8	P7018E	T56 Test Cell With Complete Accessories	1	Ea	T56 Test Cell	Scope of work : <ul style="list-style-type: none"> I. Pendant Controller Operation Intermetent And Required Replaced With Serviceable II. Pump Coupling Rubber Boot Torn Off
9	MIL-L-7808J	Oil Lubricating	96	Qt	Accessories T-56	Use lubricatoil. Military Specification MIL-L-7808 for testing.
10	600851	Magna Valve	1	Ea	Cleeaning Bay (F100)	As per sample
11	SDS-1600	Ball Tip Scriber	1	Ea	Inspection Services TFE 731	<ul style="list-style-type: none"> (a) Scriber tip diameter should be 0.1600 inch. (b) Tip surface finish shall be 4 micro inches or better. (c) Scriber will be acceptable with manufacturer calibration certificate.
12	3010M12	Transfer Standard Accelerometer Dytron	1	Ea	PMEL	Part No 3010M12 OEM Dynamics instruments inc (Endevco) USA
13	3057373	Strainer	20	Ea	Accessories T-56	As per attached list
14	573087/3325	Monorail Overhead Cranes 2.5 Ton	2	Ea	Aux Services Section	As per attached list
15	P-219093-997-275-1	Hylomar Sq32m Sealing Compound Aerograde (PL32)	15	MI	Prod Plan & Cont Wing	Part No : P-219093-997-275-1 Noun : Hylomar Sq32m Sealing Compound Aerograde (PL32)

16	IC_3001	High Vacuum Grease	As Req	Kg	F100 Project Directorate	Part No : IC_3001 Noun : High Vacuum Grease NSN : 9150011684982
17	JR-250	Ripoch Furnace	1	Ea	Heat Treatment Shop	As per attached list
18	093-997-422-1	Corrundum1250	20	Bg	Cleaning Bay	Abrasive of 1.000 to 1.600 mm(0.039 to 0.063 in) granular Grade Composition :- Alumina 94% min, Titanium 2.5% min, Iron Oxide 0.2% max, Silica 0.1% max
19	L23905	T56 : Power Control ROD	1	Ea	T-56 Test Cell	Required to be imported from OEM of Test cell (Ms Cenco Saffron Belgium). Import certificate and OEM Sales invoice also required. Picture Attached
20	UPS-2024	Uninterrupted Power Source	1	Ea	DTE IT MRF	UPS 5KVA Rack mount along with 02 Battery banks, with minimum Backup time 2 hours all accessories and installation.
21	V-622	Sealing Compound Rubber Silicone Thermosil	1	Kt	R&F Rubber shop	Part No : V-622 Noun : Sealing Compound Rubber Silicone Thermosil NSN : 803001301524
22	UGC50ARM	Underground Cable 50 Pair 0.6mm Armored With Laying Termination	220	Mtr	Comm Center	As per attached list
23	8820/PK0015450	Horse	2	Ea	Riding/Polo Club	Horse

S No 13 Specification Of Strainer



S No 14 Specification Of Monorail Overhead Cranes 2.5 Ton

SCOPE OF WORK

1. Following are the Major parts of Monorail O/H crane, 2.5 ton (qty 02) Part no 573087/3325, which need inspection / repair / complete overhaul.

S NO	ITEM NAME	QTY
1	Fixing support (Plates)	06
2	Adjustment of the Standard Headroom Trolley	02
3	Rollers side support	08
4	Gearing Box (Up/Down Motor)	02
5	Travelling Motor Gearing Box (Up/Down Motor)	04
6	Drum Gear Box	02
7	Limit Switch (Up/Down)	02
8	Limit Switch Rod	02
9	Guide Ruler	02
10	Lifting Motor (Up & Down) Dual Speed with brake system	02
11	Travelling Motor Dual Speed with brake system	04
12	Running wheel with teeth	04
13	Running wheel without teeth	04
14	Hook block, complete 4 Fall	02
15	Steel Wire Rope	120 Mtr 8 mm
16	Cable for controller around 13 Core	07 Mtr
17	Controller (Pendant Control) Dual step with emergency stop switch with selector switch	01
18	Magnetic Contactor 220V Coil (Control)	12
19	Transformer Input 440 Output 220V	02
20	Electric Bus Bar	

2. Currently, the crane is U/S and requires complete overhaul, where applicable. Any damaged / worn out parts will also need repair / replacement.

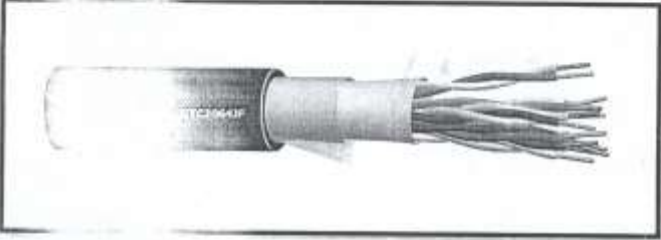
3. The scope of work is not limited to the defined areas, and may enhance as per requirement during maintenance to ensure complete serviceability of the crane with optimal performance. Load testing certification after the completion of repair / overhaul, is mandatory.

4. Replacement of any part will require lab certification of material. Guarantee for the repair work (minimum 06 months) will also be required.

S No 17 Specification Of Ripoch Furnace

<u>SCOPE OF WORK : PERFORMA</u>		
U/I	QTY TO BE REPAIRED	SCOPE OF WORK
FURNACE EA	01	<p>(i). Retrofitting, Installation, Commissioning of Control Panel with latest version</p> <p>(ii). Replacement of Graph Paper with printer for Process Parameters print.</p> <p>(iii). Temperature uniformity survey after retrofitting From (400°C upto 1200°C within $\pm 10^\circ\text{C}$).</p> <p>(iv). All material / Equipment should be of high quality and Origin. <i>one</i></p> <p>(v). Warranty at least year.</p> <p>(vi). Replacement of broken fire brick of chamber. Fire Bricks available at shop floor, installation required only.</p> <p>(vii). Complete furnace serviceability to be done on turn key basis.</p>

S No 22 Specification Of Underground Cable 50 Pair 0.6mm Armored With Laying Termination

<u>SPECIFICATION UNDERGROUND CABLE 50 PAIR ARMoured</u>	
External Telephone, 50 Pair 0.64, Armored, UG, Jelly Filled, Poly	
0.64 mm Solid Bare Copper Conductors, Polyolefin Insulated, Twinned, unitized in 50 Pair Units with an Identifying Binder, Cabled, Jelly Filled, Overall Wrapped, UV Resistant Polyethylene Jacketed, 50 Pair External Telephone Cable to TS-008	
	
Specificat:	
Copper Conductor	0.64mm ARMORED
Insulation	High Molecular Weigh Solid High-Density Polyethylene
Suitable Applications	Communications system
Colour Coding	Should be fully colour coded in accordance with PIC even colour code
Pairing twisted	Coloured insulated conductors should be uniformly
Filling Compound	Heatant filling compound should be applied
Core Covering	Microscopic and dielectric heat resistant Polyester Tape and wrapping should be applied helically having a suitable overlap
Flood Compound	Wrapping compound should be applied between core wrap
Moisture Barrier Inner Sheath	Wrap tape with co-polymer coating should be applied over core and sheath with black Polyethylene Compound
Armour	Galvanized corrugated steel tape should be applied longitudinally over inner sheath with suitable flooding compound.

S No 19 Specification Of T56 : Power Control ROD

