

**ENQUIRY**

To

**Sub:** Inviting offer for the Procurement of Armoured Optical fiber Cable – Reg.,

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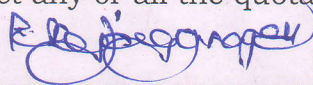
**QUOTATION TO BE:**

Submitted on or before – <b>30.07.2024 -5 pm</b>	Opened on <b>31.07.2024 - 3.00 P M</b>
Kept valid for <b>3</b> months from the date of opening	Submitted in <b>ONE</b> part.

Sealed quotations are invited for the supply of Armoured Optical fiber Cable As per the Specifications and as per the terms and conditions mentioned therein.

**Terms and conditions:**

1. The rate quoted should be firm and inclusive of all GST and other charges as admissible. The materials supplied should be original, quoted make only.
2. Applicable other charges, if any should be clearly mentioned. If not mentioned, it will be presumed that the rate quoted is inclusive of all other charges.
3. The materials should be directly supplied to the PPCL site, T. R. Pattinam, Karaikal - 609 606, on door delivery basis.
4. **Payment:** 100% Payment will be made within 30 days from the date of receipt of your invoice after receipt of materials in good condition. The **bill in triplicate** along with **Advance stamp fixed and signed receipt** should be sent to the undersigned for effecting payment. Part payment will not be made for the supplied items.
5. The delivery period and mode of dispatch should be clearly specified.
6. Any loss or damage during transit to site should be made good by the supplier free of charge provided the same is reported within 15 days of the arrival of material at site.
7. **Validity:** Your offer should be valid for 90 days from the date of tender opening.
8. Sealed quotations should be superscripted as "QUOTATION/ENQUIRY **NO.Z-135** for the supply of Armoured Optical fiber Cable". Quotations through e-mail/fax not accepted.
9. If the tender opening date happens to be a holiday, the tender will be opened on the next working day.
10. **L1 shall be arrived on total rate quoted. All the items to be quoted.**
11. Our **GSTIN No.34AAACP6507E1ZS** is registered with Commercial Taxes Department, Puducherry. The GST number of the agency should be provided.
12. The undersigned reserves all rights to accept/reject any or all the quotations without assigning any reasons thereof.

  
**EXECUTIVE ENGINEER (MECH)-PLANT**



**ENQUIRY PAGE NO. 2**

Offer Ref:

Date:

Sl. No.	Item Description/Specification	Qty Reqd. No's	Unit Rate ( In Rs)	Total Amount (Rs.)
1	6F MULTITUBE ARMoured OPTICAL FIBER CABLE as per the Specifications enclosed in the Annexure. Make: Reputed.	600 Meters		
2	FO ST Connector	10 No's		
<b>Add: P&amp;F Charges</b>				
<b>Add: Freight Charges</b>				
<b>Add: GST@ %</b>				
<b>Total</b>				

**Commercial terms and Conditions:**

Sl.No	Details	Terms in Tender	Terms Accepted by the Party
1	Price Quoted	FOR Site	
2	Payment Terms	As per the terms and condition	
3	Validity	90 Days from date of opening of Tender	
4	Delivery	Vendor to specify	
5	Acceptance of All the Terms and Condition of the Enquiry	To be Accepted	

Signature with Seal of the Party





**PUDUCHERRY POWER CORPORATION LIMITED**

(A GOVERNMENT OF PUDUCHERRY UNDERTAKING)

**PROJECT OFFICE, T.R. PATTINAM 609 606, KARAIKAL.**

Phone: 04368-233060

Email: ppclmmc@gmail.com

Telefax: 04368-233355.

Ref.No: Z-135/MMC/2024-25/ *624*

GSTIN No.34AAACP6507E1ZS

Dt. *10*.07.2024

**Annexure**

SL No	PARAMETER	UNIT	SPECIFICATIONS
<b>1</b>	<b>TYPE OF CABLE</b>		6F MULTITUBE ARMOURED OPTICAL FIBER CABLE
<b>2</b>	<b>STANDARDS</b>		
a)	EN 50173; ISO/IEC 11801		YES
b)	ANSI/TIA-568-C.3		YES
c)	Telcordia GR-409		YES
<b>3</b>	<b>FIBER</b>		SINGLE MODE FIBER
a)	FIBER SIZE	um	9/125/250 (OS2)
b)	No. OF FIBERS /LOOSE TUBE	No.	6F
c)	FIBER IDENTIFICATION		
	6F		Blue, Orange, Green, Brown, Grey & White
<b>4</b>	<b>OPTICAL PARAMETERS</b>		SM
a)	ATTENUATION @ 1310nm	dB/Km	≤ 0.34 (MAX)
b)	ATTENUATION @ 1550nm	dB/Km	≤ 0.22 (MAX)
c)	ATTENUATION @ 1380 -1386nm	dB/Km	≤ 0.31 (MAX)
d)	POINT DISCONTINUITY	dB	≤ 0.1
e)	CUT-OFF WAVELENGTH	nm	≤ 1260
f)	CHROMATIC DISPERSION @ 1310 nm	ps/nm x km	≤ 3.5
g)	CHROMATIC DISPERSION @ 1550 nm	ps/nm x km	≤ 18
h)	CORE/MODE-FIELD	um	9
i)	CLADDING	um	125
j)	COATING	um	250
<b>5</b>	<b>LOOSE TUBE /TIGHT BUFFER</b>		LOOSE TUBE
a)	MATERIAL		PBTP
b)	No. OF LOOSE TUBES	No.	1
c)	DIAMETER	mm	3±0.2
d)	COLOUR OF LOOSE TUBE		BLUE
e)	SEQUENCE OF ELEMENTS IN CORE		BL LOOSE TUBE, BK1, BK2, BK3, BK4 & BK5 FILLERS
f)	LOOSE TUBE GEL		WATER BLOCKING GEL
g)	CORE WRAPPING		SINGLE LAYER OF POLYESTER TAPE
<b>6</b>	<b>JACKETING</b>		
a)	MATERIAL		HDPE
b)	COLOUR		BLACK
c)	NOMINAL THICKNESS	mm	2.0
d)	OVERALL DIAMETER (NOMINAL)	mm	15.5



<b>7</b>	<b>STRENGTH MEMBERS</b>		YES
a)	TYPE ( Peripheral )		WATER BLOCKING E-GLASS
b)	TYPE ( Central)		FRP ROD
<b>8</b>	<b>ARMOURING</b>		
a)	TYPE		ECCS TAPE
b)	MS TAPE THICKNESS		> 0.15
<b>9</b>	<b>MECHANICAL PROPERTIES</b>		
a)	MINIMUM INSTALLATION BEND RADIUS	mm	Vendor to specify
b)	MINIMUM SERVICE BEND RADIUS	mm	Vendor to specify
c)	CABLE WEIGHT (NOMINAL)	Kg/Km	Vendor to specify
d)	STANDARD LENGTH	Mtrs	Vendor to specify
e)	TENSILE STRENGTH	N	Vendor to specify
f)	MAXIMUM CRUSH RESISTANCE	N	Vendor to specify
g)	OPERATING TEMPERATURE	deg C	-20 to +70
h)	TYPE OF PACKING		Vendor to specify