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प्लाज्मा अनुसंधान संस्थान
INSTITUTE FOR PLASMA RESEARCH
परमाणु ऊर्जा विभाग, भारत सरकार का एक सहायता प्राप्त संस्थान
**An Aided Institute of Department of Atomic Energy,
Government of India**



इन्दिरा पुल के पास, भट, गांधीनगर - 382 428 भारत
दूरभाष: (079) 2396 2020/2021/2028
फैक्स: 91-079-23962277
वेब: www.ipr.res.in

NEAR INDIRA BRIDGE, BHAT
DIST. GANDHINAGAR - 382 428 (INDIA)
Phone: (079) 2396 2000/2026/2332
Fax : 91-079-23962277
Web : www.ipr.res.in

ENQUIRY

ENQUIRY NO : IPR/EQF/18-19/161
Date : 13-11-2018

Due on : 20-12-2018 by 1:00 PM IST

Please send your offer in sealed envelope specifying Enquiry No, Date & Due Date, ALONG WITH your credentials for the following items which we are interested to import directly against Foreign Trade Policy 2015-2020.

Important Note:

Please note that e-mail quotations are not acceptable however you may send your queries (if any) to importpurchase@ipr.res.in

Please ensure your sealed quotation reaches this office not later than above mentioned due date and time.

Kindly go through the following documents properly before quoting which are available on the IPR web portal i.e., http://www.ipr.res.in/documents/tender_terms.html / attached herewith.

- 1) Instructions to the bidders & Terms and conditions (refer Form No: **IPR-FP-01.V3**)
- 2) Bidding format

GST for Goods and Services (IGST/CGST/SGST TAX BENEFITS): Please refer **clause no: 14** of Form No: **IPR-FP-01.V3**

QUOTATION SHOULD BE ADDRESSED TO PURCHASE OFFICER ONLY

Sr No	Description	Quantity
1	Hardclad silica (HCS) fiber optic cable 4 core other specification as per attached sheet	1000.0 Mtrs.
2	V pin connector(blue) for 200/230um for HCS jacket diameter of 2.2mm	50.0 Nos.
3	V pin connector(Black) for 200/230um for HCS jacket diameter of 2.2mm	50.0 Nos.
4	200/230um V system termination kit suitable for HCS cable	1.0 Nos.
5	Cleaving tool kit for HCS cable	1.0 Nos.
6	Diamond blade replacement kit for HCS cable	1.0 Nos.

Note: 1. Please quote with complete technical details (Technical compliance sheet and product data sheet).
2. TDS as per CGST Act: As per provisions of section No. 51 of the CGST Act 2017,
TDS @2% (IGST 2% or CGST 1% and SGST 1%) will be

deducted while making
payment to the suppliers where total value of
orders/contracts/work orders
exceeds Rs. 2.5 lakhs, in the event of order in Indian Rupees.
Necessary TDS
Certificate will be issued to the supplier after TDS deduction.

Encl: Other details are as per attached specification sheet.

Sd/-

Mr. D. Ramesh
Purchase Officer-II

Information to Vendors: We are working towards a single platform for our future requirement. Hence, please refer IPR website i.e, <http://www.ipr.res.in/documents/tendersenq.html> for our future requirement.

Scope of Supply

Scope of supply Includes door delivery of following components.

Sr. No.	Parameter	Quantity	Specifications
1	Hard Clad Silica (HCS) Fiber Optic Cable (4 core) Note: In availability of 8 Core Cable, Requirement would be 500 meters .	1000 meters	Annexure I
2	V-Pin Connectors (Blue) for 200/230µm for HCS Jacket Diameter of 2.2 mm	50 Nos.	Compatible for HCS Cable as listed in Sr.No. 1
3	V-Pin Connectors (Black) for 200/230µm for HCS Jacket Diameter of 2.2 mm	50 Nos.	
4	200/230µm V – System Termination Kit suitable for HCS Cable	1 No.	
5	Cleaving Tool Kit for HCS Cable	1 No.	
6	Diamond Blade Replacement Kit for HCS Cable	1 No.	

Annexure I

Sr. No.	Parameter	Value
1	Fiber (Core + Cladding)	200/230 um Hard Clad Silica (HCS) Fiber cable
2	Fiber Type	Multimode Step-Index Type
3	Attenuation @ 850 nm	≤ 8 dB/km
4	Numerical Aperture	0.37
5	Fiber Core Diameter	200 µm
6	Sub-Unit Diameter	2.2 mm
7	Nos. of Core	4 Core
8	Outer Diameter (with 4 cores inside)	<10 mm
9	Jacket Material (Both inner as well outer jacket)	Halogen Free , Flame Retardant
10	Bending Radius	< 150 mm
11	Operating Temperature	-10 - + 60
12	Note : (1) It must not contain any metallic material / Foil / Semiconducting layer etc. (2) It must be ROHS complied. (3) 4 different colours are preferred on each core in bunch. (4) A compliance to IEC 60793 must be issued.	

Technical Compliance sheet for Fiber cable and component

Sr.No.	IPR specification	Vendor specification
1	Hard Clad Silica (HCS) Fiber Optic Cable (4 core)	
	Fiber (Core + Cladding)	200/230 um Hard Clad Silica (HCS) Fiber cable
	Fiber Type	Multimode Step-Index Type
	Attenuation @ 850 nm	≤ 8 dB/km
	Numerical Aperture	0.37
	Fiber Core Diameter	200 μm
	Sub-Unit Diameter	2.2 mm
	Nos. of Core	4 Core
	Outer Diameter (with 4 cores inside)	<10 mm
	Jacket Material (Both inner as well outer jacket)	Halogen Free , Flame Retardant
	Bending Radius	< 150 mm
	Operating Temperature	-10 - + 60
2	V-Pin Connectors (Blue) for 200/230μm for HCS Jacket Diameter of 2.2 mm	Compatible for HCS Cable as listed in Sr.No. 1
3	V-Pin Connectors (Black) for 200/230μm for HCS Jacket Diameter of 2.2 mm	
4	200/230μm V – System Termination Kit suitable for HCS Cable	
5	Cleaving Tool Kit for HCS Cable	
6	Diamond Blade Replacement Kit for HCS Cable	

Bidder's Stamp and Sign:

Date: