

PROCUREMENT PROCEDURE OF CPRI (NON WORKS)						
Revision No. : 04				Issue No : 2		
Dt of Revision : 27.08.2020				Issue Dt : 30.06.2003		
Page No. : 1 of 2				Issued by : P A		
Section : Formats				Documents : PPM		
Topic : Technical Specifications format				FORMAT NO.:CPRI/PUR/ETBID/GTP		
Section IV T -Technical Specification						
CENTRAL POWER RESEARCH INSTITUTE, BENGALURU/BHOPAL Web: www.cpri.in, www.tenderwizard.com/CPRI						
Tender Enquiry No : CPRI/BLR21MUAD70C823						
Description of the Equipment/Goods/Services : Supply of active & passive network components & Laying of OFC backbone to new Dynamic Lab of EVRC along with soil trenching/excavation works						
Note : 1) The technical bid submitted in other than this format is liable to be rejected.						
2) All blue fields are mandatorily to be filled in.						
Name and address of the bidder						
Quotation Number and Date						
Sl.No.	Technical Specifications/Parameters		Qty	To be completed by the Bidder		
				Details of guaranteed technical parameters offered by the bidder	Guaranteed Technical Particulars (GTP)	Deviations from GTP
A	Pre Qualificatrion Requirements					
1	Scope of work: Supply of active & passive network components & Laying of OFC					
2	Pre qualification for the bidder: The bidder shall be a registered Company					
3	Experience: The bidder shall have at least 2 purchase orders or work orders of					
4	Declaration: Currently the bidder should not have been blacklisted by any					
5	Registered Office in Bengaluru: The bidder should have a Registered Office in					
B	Technical Requirements					
1	Cisco CBS 350-24T-4G Gigabit Managed Switch with 3 years OEM warranty	Supply	2 Nos			
2	Cisco SG-350 8 port POE Gigabit managed switch with 3 years OEM warranty	Supply	1 Nos			
3	Cisco SFP modules MGBLH1 Gigabit LH Mini-GBIC SFP Transceiver (Single-mode Gigabit Transceiver) with 3 years warranty	Supply	6 Nos			
4	The bidder shall submit authorization letter from OEM for CISCO switches & CISCO SFP modules.	Submit OEM certificate				
5	Wifi Access Point (10/100/1000) Giga (CISCO, D-Link, TP-Link, Netgear)	Supply	1 Nos			
6	Network rack 9U with accessories (D-Link, Valrack, AMP, ADC Krone)	Supply	1 Nos			
7	24 port patch panel (D-Link, AMP, ADC Krone)	Supply	2 Nos			
8	12 Port LIU Rack mount unloaded (D-Link, AMP, ADC, Krone)	Supply	4 Nos			
9	12 Core SMF Cable (D-Link, D-MAK, ADC Krone)	Supply	1000 Mtrs			
10	1 x 6 Adapter Panel - SC (D-Link, ADC, AMP, Krone)	Supply	8 Nos			
11	SC Pig Tails (D-Link, ADC Krone,AMP) (1 Meter each)	Supply	60 Nos			
12	SC to SC Couplers (D-Link,AMP)	Supply	50 Nos			
13	SC to LC Patch Cords (D-Link, AMP, ADC Krone) (2 Meters each)	Supply	10 Nos			
14	1" HDPE Pipes (D-Link, Krone, Suman)	Supply	1000 Mtrs			
15	Collar for HDPE pipes	Supply	2 Boxes (100 nos in each box)			
16	Saddled Clamps	Supply	2 Boxes (100 nos in each box)			
17	Gatta	Supply	2 Boxes (100 nos in each box)			

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Sl.No.	Technical Specifications/Parameters		Qty	Details of guaranteed technical parameters offered by the bidder	Guaranteed Technical Particulars (GTP)	Deviations from GTP
18	Bends for HDPE Pipes	Supply	200 Nos			
19	Nails (Size-38 mm x 3.6 mm)	Supply	2 Boxes (100 nos in each box)			
20	Insulation Tapes	Supply	10 Nos			
21	Cable ties and marker ties (AMP, D-Link)	Supply	4 Packets			
22	Cat6 UTP cables (D-Link, Digisol)	Supply	1 Box			
23	RJ45 connectors (D-Link, Digisol)	Supply	2 Boxes			
24	Metal flexible pipe (1 inch)	Supply	25 mtrs			
25	PVC pipe (1 inch)	Supply	10 mtrs			
26	POE injector (TP-link, Digisol)	Supply	2 Nos			
27	Cat6 Patch Cords (D-Link, AMP, ADC Krone) (2 Meters each)	Supply	50 Nos			
C	Labour Charges					
1	Laying of 12 Core OFC Cable in conduit	Execution	1000 Mtrs			
2	Fixing of LIU	Execution	4 Nos			
3	Spicing of Pigtaills	Execution	50 Nos			
4	Laying of HDPE Pipes	Execution	1000 Mtrs			
5	Fixing of Route Markers	Execution	10 Nos			
6	Fixing and termination of Patch Panel	Execution	2 Nos			
7	width 1 feet by depth 2 feet for the required length by manually or mechanically & Subsequently filling the same with the excavated earth after laying of cables, all works to be completed as per the directions in all kinds of soil/rock/concrete etc. Route is from CCAR to EVRC building & Dynamic Lab.	Execution	150 Mtrs			
	Note 1: Please quote for all the labour charges listed above from (1-7) as per metre / per Number. Note 2: The actual bill for labour charges shall be raised at actual work carried out only.					

PN: 1) Mere statement of "Complied" do not suffice the requirement. The details of technical parameters in proof of CPRI requirements shall be furnished along with technical write-up, catalogues, brochures, literatures, phamplates, or any other documents shall be submitted in hard copy along with technical bid.

2) Calibration reports/certificates, factory test reports/certificates from an accredited agencies/facilities shall be submitted wherever applicable.

3) CPRI reserves the right to conduct "predispatch inspection" prior to dispatch at the works of the supplier and the expenditure towards PDI shall be borne by CPRI. However information regarding the rediness of the equipment/machinery for the PDI shall be communicated in writing at lease 70 days in advance.