

Annexure-I

Scope and Technical Criteria for LAN Extension_2011 Installation

Terms Used:**Bidder** – Vendor participating in the tender as per the qualification criteria**Vendor** – Vendor executing the contract after tender process

A. SCOPE		Bidder's Compliance Yes / No	Bidder's Remarks
1	The scope of LAN Extension Installation contract consists of: <ul style="list-style-type: none"> • Installation of Network Passive Components as per the list. • The quantities specified in the Price Bid format are indicative only. Billing and Payment will be for the actual quantities installed. • The contract will be operative for ONE (1) year, and bills may be submitted on monthly basis for the completed work. 		
2	All Items after installation shall be tested by the bidder, for acceptance as per standard practice and report shall be submitted. Rectification / Rework shall be carried out for any defects / improper installation at no additional cost. BHEL is the final authority for acceptance of completed jobs.		
3	The materials that will be supplied for the work is given item-wise in C: Installation Items. Vendor shall get any other material required for installation and installation charges shall include cost of vendor's materials. No separate charges will be paid for vendor's materials.		
4	No Tools / Fixtures will be provided by BHEL and Vendor shall make his own arrangement.		

B. QUALIFICATION CRITERIA		Bidder's Compliance Yes / No	Bidder's Remarks
5	Bidder should have a minimum cumulative turnover of 6 Crores for the last three years. Financial Statements for the last three years (2008-09, 2009-10, and 2010-11) shall be submitted with tender documents. Bidder must have executed one (single) order of value 5 Lakhs for Installation of Network Components. Copy of the contract and execution shall be submitted with tender documents.		
6	Bidder shall satisfy statutory requirements / registrations applicable for the execution of Works Contract - PAN, VAT, GST / CST / ST, ESI / PF, etc. Copies of the certificates shall be submitted with tender documents.		
7	Bidder shall fulfill all statutory and safety requirements for personnel engaged in the contract execution. Due to noncompliance of the applicable statutory provisions, if BHEL has to incur any expenditure in this regard the same will be compensated by the Bidder.		

Name:

Company Seal

Signature: with Date:

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C. INSTALLTION ITEMS					Bidder's Compliance Yes / No
Item No	Installation Activity	Activity Scope	Material supplied by BHEL	Material by Vendor	
01	UTP Cable Laying	Laying of UTP Cable in Conduits / Duct	UTP CAT-6 Cable PVC Pipe / Duct	Clamps, Screws, etc as required.	
02	1" PVC Duct Laying	Laying / Fixing of 1" PVC Duct on the Floor / to the Wall	1" PVC Duct	Clamps, Screws, etc as required.	
03	2" PVC Duct Laying	Laying / Fixing of 2" PVC Duct on the Floor / to the Wall	2" PVC Duct	Clamps, Screws, etc as required.	
04	1" PVC Pipe Laying	Laying / Fixing of 1" PVC Duct on the Floor / to the Wall	1" PVC Pipe	Clamps, Screws, etc as required.	
05	Wall / Floor Cutting (UTP)	Floor Cutting / Wall Cutting for laying PVC Duct / Pipe. Smooth Cement Patching of the cut area			
06	RJ45 CAT-6 IO Installation	Termination of CAT-6 UTP and Fixing of RJ45 Cat-6 IO with Back-box & Face Plate, Id marking	RJ45 CAT-6 IO with Back-box & Face Plate	Labeling / Marking as required	
07	UTP Cable Termination	UTP cable Termination in Patch Panel and Patch Panel Fixing in the Rack, Cable Marking	UTP Cable 24-Port RJ45 CAT-6 Patch Panel	Labeling as required	
08	OFC Splicing	Splicing of OFC / Pigtails and packing / Fixing in LIU / Jack Panel	OFC / Pigtails, Joint Enclosure, 24- Port Fiber Patch Panel (LIU)		
09	OFC Laying	Laying of Optical Fibre Cable (12-Core / 6-Core) (Indoor / Outdoor)	Optical Fibre Cable (OFC)	Clamps, Screws, etc. as required.	
10	2" HDPE Pipe Laying	Laying of HDPE Pipe in the trench	HDPE		
11	Trenching for HDPE Pipe	Trenching, HDPE Pipe Laying, Refilling of Soil, Cement Route Marker Fixing		Route Markers	
12	Road Cutting for HDPE Pipe	Road (Tar / Cement) Cutting, HDPE Pipe Laying, Patching of cut area			

Testing, Documentation, Reporting is part of the Installation Activity and no separate charges will be paid.

Name:

Company Seal

Signature: with Date: