

Tender for procurement of Passive Components of LAN & Wi-Fi and their installation
Advertisement No. 4/CMB(HW)/2015

CORRIGENDA

Sl. No.	Annexure /Clause	For		Read	
		Item	Details/Specifications	Item	Details/Specifications
1.	Clause 5	Technical Bid	The Technical Bid shall comprise of two parts viz., Part - A and Part - B. Part - A of Technical Bid shall consist of documents pertaining to eligible ity criteria as mentioned in (Annexure – X) . Documents furnished in Part A of Technical Bid must be serially numbered and indexed and placed in an envelope. Part - B regarding specifications, warranty etc., should be submitted in proforma (Annexure- XI) . Both Parts of Technical Bid should be placed in separate envelopes and superscribed as “Technical Bid - Part A” and “Technical Bid - Part B”. Both these envelopes should be placed in bigger envelope with superscription, “Technical Bid” for Passive Components for LAN and Wi-Fi.	No Change	The Technical Bid shall comprise of two parts viz., Part - A and Part - B. Part - A of Technical Bid shall consist of documents pertaining to eligibility criteria as mentioned in Annexure – X . Documents furnished in Part A of Technical Bid must be serially numbered and indexed and placed in an envelope. Part - B regarding specifications, warranty etc., should be submitted in proforma given at Annexure- XI. The Part B of technical bid shall be accompanied by test reports as mentioned at Foot Notes C & D of Annexure - XI. All the documents of Part B shall be indexed and serially numbered. Both Parts of Technical Bid should be placed in separate envelopes and superscribed as “Technical Bid - Part A” and “Technical Bid - Part B”.
2.	Clause 8 (iii) (e)	Submission of Bid	Envelope No. 5- Shall be a bigger envelope containing envelopes 1, 2 & 3 as mentioned above.	No Change	Envelope No. 5- Shall be a bigger envelope containing envelopes 1, 2, 3 & 4 as mentioned above.
3.	Clause 10 (iii)	Opening of Bid	Envelope No.3 containing the Financial Bids shall be opened only for technically qualified Bidders in the presence of P&AO, Lok Sabha, and the Bidders/their Authorized Representatives on a later date which would be	No Change	Envelope No.4 containing the Financial Bids shall be opened only for technically qualified Bidders in the presence of P&AO, Lok Sabha, and the Bidders/their Authorized Representatives on a later date which would be intimated to technically

			intimated to technically qualified Bidders. Only summary of prices quoted by the Bidders will be read out.		qualified Bidders. Only summary of prices quoted by the Bidders will be read out.
4.	Annexure - I, Point No. 2.6	LIU, 12 Fiber, 1 U/2U Drawer style 19" Rack mount enclosure	Loaded with SC/LC couplers & adaptor plates for 12 fibers 50/125 micron MM or 12 fibers 9.2/125 micron SM, 19" rack mountable metallic distribution enclosure slide & tilt drawer type, should have inbuilt/pre-installed splice tray with all clamps, harnessing rings, ties etc. compatible cable management rings/bars should be provided.	LIU, 12 Fiber, 1U Drawer style 19" Rack mount enclosure.	No Change Revised Annexure - I is attached.
5.	Annexure - I, Point No 2.7	LIU, 24 Fiber, 2 U Drawer style 19" Rack mount enclosure	Loaded with SC/LC couplers & adaptor plates for 24 fibers 50/125 micron MM or 24 fibers 9.2/125 micron SM, 19" rack mountable metallic distribution enclosure with removable back cover, should have inbuilt/pre-installed splice tray with all clamps, harnessing rings, ties etc. Front & rear compatible cable management rings/bars should be provided.	LIU, 24 Fiber, 1U/2 U Drawer style 19" Rack mount enclosure..	No Change Revised Annexure - I is attached.
6.	Annexure - I, Point No 2.8	Fiber Components, LIU, 48 Fiber, 4U Drawer style 19" Rack mount enclosure	Loaded with SC/LC couplers & adaptor plates for 24 fibers 50/125 micron MM or 24 fibers 9.2/125 micron SM, 19" rack mountable metallic distribution enclosure with removable back cover, should have inbuilt/pre-installed splice tray with all clamps, harnessing rings, ties etc. Front & rear compatible cable management rings/bars should be provided.	No Change	Loaded with SC/LC couplers & adaptor plates for 48 fibers 50/125 micron MM or 48 fibers 9.2/125 micron SM, 19" rack mountable metallic distribution enclosure with removable back cover, should have inbuilt/pre-installed splice tray with all clamps, harnessing rings, ties etc. Front & rear compatible cable management rings/bars should be provided. Revised Annexure -I is attached. Corresponding change has also been made in Proforma for quoting Technical Bid i.e., Annexure-XI. Revised Annexure -XI is attached
7.	Annexure - I, Point Nos. 4.1 to 4.4	Duct 15x15, Duct 45x25, Duct 30x25, Duct 45x45	PVC, ISI Mark	Duct 15mmx15mm, Duct 45mmx25mm,	Revised Annexure -I is attached. Corresponding change has also been made in Proforma for quoting Technical Bid i.e., Annexure-XI.

				Duct 30mmx25mm, Duct 45mmx45mm	<i>Revised Annexure -XI is attached</i>
8.	Annexure - XI, Point No. 2.4	Fiber Components, LIU, 12 Fiber, 1 U Drawer style, 19” Rack mount enclosure	Loaded with SC/LC couplers & adaptor plates for 12 fibers 50/125 micron MM or 12 fibers 9.2/125 micron SM, 19” rack mountable metallic distribution enclosure slide & tilt drawer type 1U/2U, should have inbuilt/pre-installed splice tray with all clamps, harnessing rings, ties etc. compatible cable management rings/bars should be provided.	Optical fiber patch cord, SM, SC-SC	Duplex, 9.2/125 micron SM fiber, SC connector at both end, length as below with factory mount ceramic connector at both end UL/ETL*R listed and verified Length – 3 metre <i>Revised Annexure -XI is attached.</i>
9.	Annexure - XI, Point No. 2.5	Fiber Components, LIU, 24 Fiber, 1 U/2U, 19” Rack mount enclosure	Loaded with SC/LC couplers & adaptor plates for 24 fibers 50/125 micron MM or 24 fibers 9.2/125 micron SM, 19” rack mountable metallic distribution enclosure 2U height with removable back cover, should have inbuilt/pre-installed splice tray with all clamps, harnessing rings, ties etc. Front & rear compatible cable management rings/bars should be provided.	Optical fiber patch cord, MM, OM4, SC-LC	Duplex, 50/125 micron MM OM-4 fiber, SC connector at one end and LC connector at another end, length as below with factory mount ceramic connector at both end UL/ETL *R Listed & verified Length - 3m <i>Revised Annexure - XI is attached.</i>
10.	Annexure - XI, Point No. 2.6	Fiber Components, LIU, 48 Fiber, 4 U, 19” Rack mount enclosure	Loaded with SC/LC couplers & adaptor plates for 24 fibers 50/125 micron MM or 24 fibers 9.2/125 micron SM, 19” rack mountable metallic distribution enclosure 4U height with removable back cover, should have inbuilt/pre-installed splice tray with all clamps, harnessing rings, ties etc. Front & rear compatible cable management rings/bars should be provided.	LIU, 12 Fiber, 1 U Drawer style 19” Rack mount enclosure	Loaded with SC/LC couplers & adaptor plates for 12 fibers 50/125 micron MM or 12 fibers 9.2/125 micron SM, 19” rack mountable metallic distribution enclosure slide & tilt drawer type, should have inbuilt/pre-installed splice tray with all clamps, harnessing rings, ties etc. compatible cable management rings/bars should be provided. <i>Revised Annexure - XI is attached.</i>
11.	Annexure - XI, Point No. 2.7	Fiber Components, LIU, 48 Fiber,	Loaded with SC/LC couplers & adaptor plates for 24 fibers 50/125 micron MM or 24 fibers 9.2/125 micron SM, 19” rack	LIU, 24 Fiber, 1U/2U Drawer style	Loaded with SC/LC couplers & adaptor plates for 24 fibers 50/125 micron MM or 24 fibers 9.2/125 micron SM, 19” rack

		4 U, 19" Rack mount enclosure	mountable metallic distribution enclosure 4U height with removable back cover, should have inbuilt/pre-installed splice tray with all clamps, harnessing rings, ties etc. Front & rear compatible cable management rings/bars should be provided.	19" Rack mount enclosure	mountable metallic distribution enclosure with removable back cover, should have inbuilt/pre-installed splice tray with all clamps, harnessing rings, ties etc. Front & rear compatible cable management rings/bars should be provided. Revised Annexure - XI is attached.
12.	Annexure - XI, Point No. 2.8	NIL	NIL	LIU, 48 Fiber, 4 U Drawer style 19" Rack mount enclosure	Loaded with SC/LC couplers & adaptor plates for 48 fibers 50/125 micron MM or 48 fibers 9.2/125 micron SM, 19" rack mountable metallic distribution enclosure with removable back cover, should have inbuilt/pre-installed splice tray with all clamps, harnessing rings, ties etc. Front & rear compatible cable management rings/bars should be provided. Revised Annexure - XI is attached.

13.	Annexure - IV	<p>Bill of Material of Passive Components of Wi-Fi Network of Parliament House (PH), New Delhi.</p> <p>A. Supply Items</p>	<p>Annexure - IV</p>	<p>Bill of Material of Passive Components of Wi-Fi Network of Parliament House (PH), New Delhi.</p> <p>A. Supply Items</p> <p>B. Installation Items.....</p>	<p>Installation items have been added. See Revised Annexure IV. Installation items have also been added in corresponding proforma for financial bid i.e. Annexure XIV. Revised Annexure IV and XIV are attached.</p>
14.	Annexures- XII, XIII, XIV, XV, XVI, XVII XVIII, XIX, XX,XXI	Proforma for financial bids	Annexure -XII, XIII, XIV, XV, XVI, XVII XVIII, XIX, XX,XXI	Proforma for financial bid.	<p>Revised Annexure -XII, XIII, XIV, XV, XVI, XVII XVIII, XIX, XX,XXI (Annexures are attached)</p>

15.	Annexure - XXII A	NIL	NIL	Proforma for financial bid (Total bid value) for all the Buildings and requirement.	New Annexure Added. (Annexure attached)
16.	Annexure-X, Point No. 7	Copies of ITR	Copies of ITR for the last three consecutive years i.e., 2012-13, 2013-14 & 2014-15	Copies of ITR	Copies of ITR for the last three consecutive Assessment Years i.e., 2012-13, 2013-14 & 2014-15. Revised Annexure X is attached.
17.	Annexure-XXVI	Letter of authorisation for quoting the bid and attending the opening of bid	Annexure- XXVI	Letter of authorisation for quoting the bid and attending the opening of bid	Revised Annexure - XXVI, (Annexure is attached)

**Santosh Kumar,
Additional Director (C&PF),
Lok Sabha Secretariat**

Tender for Passive Components for LAN and Wi-Fi etc.
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Specifications of Passive Components of LAN and Wi-Fi

UTP Components (CAT 6)

Sl. No.	Items	Specifications
1.1	UTP Components (CAT 6)	All specifications for components & cabling to be tested up to 250 Mhz, UL/ETL*R listed & verified, should be registered for follow up program, UL/ETL marking should be embossed/printed on the passive items & their packing
1.2	UTP Cable	4 pair, should confirm or exceed the EIA/TIA 568 C.2-1 (CAT 6) standards for physical & electrical specifications, UL/ETL*R listed & verified should be certified by independent test lab for 1G Gigabit Ethernet Performance up to 100 mtrs. 23 AWG solid bare copper.
1.3	24 Port Patch Panel <u>(loaded/unloaded)</u>	110 wiring block at rear end fixed RJ 45 CAT 6 panel/ unloaded with individually replaceable RJ 45 I/O Jacks, 19" rack mountable, should confirm or exceed the EIA/TIA 568 B standards for CAT 6, Metallic high strength & 1U/2U height, confirm EIA/TIA 568 C.2-1 wiring pattern, should have routing rings & ties and labeling strips for identification, UL/ETL*R listed & verified
1.4.	48 Port Patch Panel <u>(loaded/unloaded)</u>	110 wiring block at rear end fixed RJ 45 CAT 6 panel/ unloaded with individually replaceable RJ 45 I/O Jacks, 19" rack mountable, should confirm or exceed the EIA/TIA 568 B standards for CAT 6, Metallic high strength & 1U/2U height, confirm EIA/TIA 568 C.2-1 wiring pattern, should have routing rings & ties and labeling strips for identification, UL/ETL*R listed & verified.
1.5	Information outlets	Surface mount box with RJ 45 socket & gang box, should confirm or exceed the EIA/TIA 568 C.2-1 standards for CAT 6, provision for dust cover, labeling icons & strips anchors for stain relief cable entry, UL/ETL*R listed & verified. (i) Single (1-port) (ii) Dual (2-port) (iii) Quad (4-port)
1.6	Patch Cord	Should confirm or exceed the EIA/TIA 568 C.2-1 standards for CAT 6, Factory molded boots on RJ 45 plugs at both ends, UL/ETL *R listed & verified, Option for colour – Grey, Blue, Red & Green & cross over cable. <u>Length – 1 Mtrs. or equivalent</u> <u>Length – 2 Mtrs. or equivalent</u>
1.7	Wire Manager	19" rack mountable, metallic high strength with metallic jumper rings for routing cable assemblies, mounts to the front of 19" rack of 1U height.

Fiber Components

Sl. No.	Items	Specifications
2.1	Fiber Optic outdoor armoured cable, multi loose tube Single Mode (SM)	Single mode optical fiber cable, 9.2/125 micron graded index, anti rodent, required for outdoor applications for direct burial, fiber should be protected inside jelly filled loose tubes, armoring with acrylic coated good quality steel tape, with FRP strength member,

		water proof tape, double layer of HDPE jacket, should confirm or exceed the EIA/TIA 455, EIA/TIA 568, ISO 11801 & ICEA – 640 standards for Fiber and cable performance specifications. UL/ETL *R listed for fire safety, Required in following configuration 12 fibers.
2.2	Optical Fiber pigtailed SC type, 1 meter length	Pigtails SC type, compatible with fusion or mechanical splices, Field mountable with required accessories & consumables, U/ETL L*R Listed & verified required for terminating (i) 9.2/125 micron SM fiber
2.3	Optical Fiber Patch Cord, SM, <u>SC-LC</u>	Duplex, 9.2/125 micron SM fiber, SC connector at one end and LC connector on other end, length of as below with factory mount ceramic connector at both end UL/ETL *R Listed & verified Length – 3 m
2.4	Optical fiber patch cord, SM, SC-SC	Duplex, 9.2/125 micron SM fiber, SC connector at both end, length as below with factory mount ceramic connector at both end UL/ETL*R listed and verified Length – 3 metre
2.5	Optical fiber patch cord, MM, OM4, SC-LC	Duplex, 50/125 micron MM OM-4 fiber, SC connector at one end and LC connector at another end, length as below with factory mount ceramic connector at both end UL/ETL *R Listed & verified Length - 3m
2.6	LIU, 12 Fiber, 1 U Drawer style 19" Rack mount enclosure	Loaded with SC/LC couplers & adaptor plates for 12 fibers 50/125 micron MM or 12 fibers 9.2/125 micron SM, 19" rack mountable metallic distribution enclosure slide & tilt drawer type, should have inbuilt/pre-installed splice tray with all clamps, harnessing rings, ties etc. compatible cable management rings/bars should be provided.
2.7	LIU, 24 Fiber, 1U/2 U Drawer style 19" Rack mount enclosure	Loaded with SC/LC couplers & adaptor plates for 24 fibers 50/125 micron MM or 24 fibers 9.2/125 micron SM, 19" rack mountable metallic distribution enclosure with removable back cover, should have inbuilt/pre-installed splice tray with all clamps, harnessing rings, ties etc. Front & rear compatible cable management rings/bars should be provided.
2.8	LIU, 48 Fiber, 4 U Drawer style 19" Rack mount enclosure	Loaded with SC/LC couplers & adaptor plates for 48 fibers 50/125 micron MM or 48 fibers 9.2/125 micron SM, 19" rack mountable metallic distribution enclosure with removable back cover, should have inbuilt/pre-installed splice tray with all clamps, harnessing rings, ties etc. Front & rear compatible cable management rings/bars should be provided.

19" Equipment mounting Racks

Sl. No.	Items	Specifications
3.1	19" Rack, Wall Mount, 530 mm depth, 12 U height Front glass door (lockable, toughened 4mm),	Should confirm DIN 41494 & IEC 297 standard, Load bearing capacity of 50 Kgs, Have following accessories 19" mountable, 1U, Universal power socket design to fit both round & flat socket with built in surge protection & over load circuit breaker, 5 AMP AC power distribution channel made of high flame retardant & insulating material, CE approved with 6 nos sockets (1 nos), Cooper earthing kit (19" copper Bar) & equipment mounting screws/hardware packets (2 nos), Fan tray with two fans (low noise, good quality, ball bearing type, 90 CFM).

3.2	19" Rack, Floor standing 1000 mm, depth, 42 U height Front & back door (lockable) Front glass door (toughened),	Should confirm DIN 41494 & IEC 297 standard, Load bearing capacity of 500 Kgs, Quick release locking sides, front & rear door, Have following accessories 19" mountable, 2U, Universal power socket design to fit both round & flat socket with built in surge protection & overload circuit breaker, 15 & 5 AMP AC power distribution channel made of high flame retardant & insulating material, CE approved with 5 nos sockets with individual on/off switch & light indication (4 nos), Support angles 2 pairs, 800 mm depth Equipment shelves 800 mm depth – 2 nos Castors with brakes Fan tray with four fans (low noise, good quality, ball bearing type, 90 CFM). Earthing kit (19" copper Bar) Mounting screws/hardware packets (5 nos)
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Ducts, Conduit Pipes, HDPE PVC Jacket, Buffer Tubing Kit

4.1	Duct 15mmx15mm	PVC, ISI Mark
4.2	Duct 45mmx25mm	PVC, ISI Mark
4.3	Duct 30mmx25mm	PVC, ISI Mark
4.4	Duct 45mmx45mm	PVC, ISI Mark
4.5	Conduit Pipe 40mm	PVC, ISI Mark, OD Size
4.6	Conduit Pipe 32mm	PVC, ISI Mark, OD Size
4.7	2" HDPE PVC Jacket	PVC, ISI Mark, OD Size
4.8	Bufer Tubing Kit	PVC, ISI Mark, OD Size

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Bill of Material of Passive Components of Wi-fi Network of Parliament House
(PH), New Delhi

A. Supply Items			
Sl. No.	Description	Qty.	Unit
1.	UTP Cable CAT 6 (305 Meters Box)	12	Per Box
2.	UTP Cable CAT 6 Information Outlet (Single)	65	Per Unit
3.	UTP Cable CAT 6 Patch Cord 3 feet	65	Per Unit
4.	UTP Cable CAT 6 Patch Cord 7 Feet	65	Per Unit
5.	Wire Manager	13	Per Unit
6.	Optical Fiber Patch Cord, SM, SC to LC-3 Meter	26	Per Unit
7.	Supply of Duct 15x15	650	Meter
8.	Supply of Duct 30x25	400	Meter
9.	Conduit Pipe 40mm	200	Meter
10.	Conduit Pipe 32 mm	200	Meter

B. Installation Items			
Sl. No.	Description	Qty	Unit
1.	Laying of UTP Cable	3575	Meter
2.	Installation of Information Outlet	65	Per Unit
3.	LAN Survey & documentation	65	Per Unit
4.	Installation of Jack panel	65	Per Unit
5.	Testing of Nodes	65	Per Unit
6.	Installation of Wire Manager	13	Per Unit
7.	Installation of Duct 15x15	650	Meter
8.	Installation of Duct 30x25	400	Meter
9.	Installation of Duct 40 mm	200	Meter
10.	Installation of Conduit Pipe 32mm	200	Meter

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PROFORMA FOR PART – A OF TECHNICAL BID

1. Name of the Bidder:
2. Address of the Bidder:
3. Contact details of the Bidder:
 - (a) Telephone Nos. (with STD Code)
 - (b) FAX No. _____
 - (c) Mobile No. _____
 - (d) E-mail _____
 - (e) Website _____
4. Name of Proprietor/Partner/Authorized Signatory
5. Copy of Registration Certificate(in case of Registered Firm/Company)
6.
 - (a) Copy of Sales Tax/VAT/TIN Registration Certificate/Service Tax registration certificate.
 - (b) PAN of Income Tax Department.
7. Copies of ITR for the last three consecutive **Assessment Years i.e. 2012-13, 2013-14 & 2014-15.**
8.
 - (i) The Bidder should be an ISO:9001:2000 or ISO:9001:2008 Certified Company/Firm. A copy of such certification shall be attached in the tender document.
 - (ii) The OEMs of which products are quoted by the bidder must be an ISO:9001:2000 or ISO:9001:2008. A copy of such certification of each OEM shall be attached.
 - (iii) The OEMs of UTP CAT 6 and Fiber Components and also of Racks shall be an ISO **14001:2004** Certified Company. A copy of such certification shall be attached in the tender document
9. Copy of Balance Sheet/Profit and Loss Account duly certified by Chartered Accountant for each of last three years **i.e. 2011-12, 2012-13 & 2013-14** showing annual turnover of Rs.4 Crore and above. The figure of annual turnover should be highlighted.

10. The bidder must attach authorization of the OEM(s) in original for the products quoted in the format given in **Annexures - XXIV & XXIV A** in the tender document. Separate OEM authorization shall be attached for each OEM.
11. If the person quoting the bid and signing the tender document is not authorized signatory of the bidder then an authorization in the format given in **Annexure - XXVI** must be attached in the tender document.
12. The bidder must attach copies of Purchase order for supply and installations of Passive Components of LAN totalling **Rs. 30 Lacs or above in each of last three years i.e. 2012-13, 2013-14 & 2014-15** issued by Government Departments/PSUs/Autonomous organization of Government/Government corporations.
13. An Undertaking regarding non-blacklisting of the bidder by any Govt. Organization duly attested by Executive Magistrate/Notary Public must be furnished by the bidder in the tender document in the format given in **Annexure- XXV. Bids without above undertaking may not be considered.**
14. **The Bidder must submit details of his/her own/OEM Service Centre in Delhi/NCR Region in the format given in Annexure-XXVII.**

FOOT NOTE:- A All Documents furnished must be serially numbered, signed and indexed.

FOOT NOTE:- B The above Documents and information shall be furnished in Part A of technical bid.

Tender for Passive Components for LAN and Wi-Fi etc.

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Specifications of Passive Components of LAN and Wi-fi

UTP Components (CAT 6)

Sl. No.	Item	Specification required	<u>Specification quoted with Make, Model & Part No.</u>	Deviation, if any	Whether deviation is on higher side or lower side to the required specification.
1.1	UTP Components (CAT 6)	All specifications for components & cabling to be tested up to 250 Mhz, UL/ETL*R listed & verified, should be registered for follow up program, UL/ETL marking should be embossed/printed on the passive items & their packing			
1.2	UTP Cable	4 pair, should confirm or exceed the EIA/TIA 568 C.2-1 (CAT 6) standards for physical & electrical specifications, UL/ETL*R listed & verified should be certified by independent test lab for 1G Gigabit Ethernet Performance up to 100 meters 23 AWG solid bare copper.			
1.3	24 Port Patch Panel	110 wiring block at rear end & Fixed RJ 45 CAT 6 panel/ unloaded with individually replaceable RJ 45 I/O Jacks, 19" rack mountable, should confirm or exceed the EIA/TIA 568 B standards for CAT 6, Metallic high strength & 1U/2U height, confirm EIA/TIA 568 C.2-1 wiring pattern, should have routing rings & ties and labeling strips for identification, UL/ETL*R listed & verified.			
1.4	48 Port Patch Panel	110 wiring block at rear end & Fixed RJ 45 CAT 6 panel/ unloaded with individually replaceable RJ 45 I/O Jacks, 19" rack mountable, should confirm or exceed the EIA/TIA 568 B standards for CAT 6, Metallic high strength & 1U/2U height, confirm EIA/TIA 568 C.2-1 wiring pattern, should have routing rings & ties and labeling strips for identification, UL/ETL*R listed & verified.			
1.5	Information	Surface mount box with RJ 45 socket & gang box, should confirm or exceed the			

	outlets	EIA/TIA 568 C.2-1 standards for CAT 6, provision for dust cover, labeling icons & strips anchors for stain relief cable entry, UL/ETL*R listed & verified. (i) Single (1-port) (ii) Dual (2-port) (iii) Quad (4-port)			
1.6	Patch Cord	Should confirm or exceed the EIA/TIA 568 C.2-1 standards for CAT 6, Factory molded boots on RJ 45 plugs at both ends, UL/ETL *R listed & verified, Option for colour – Grey, Blue, Red & Green & cross over cable. Length – 1 Mtrs. Length – 2 Mtrs.			
1.7	Wire Manager	19" rack mountable, metallic high strength with metallic jumper rings for routing cable assemblies, mounts to the front of 19" rack of 1U height.			

Fiber Components

Sl. No.	Item	Specification required	<u>Specification quoted with Make, Model & Part No.</u>	Deviation, if any	Whether deviation is on higher side or lower side to the required specification.
2.1	Fiber Optic outdoor armoured cable, multi loose tube Single Mode (SM)	Single mode optical fiber cable, 9.2/125 micron graded index, anti rodent, required for outdoor applications for direct burial, fiber should be protected inside jelly filled loose tubes, armoring with acrylic coated good quality steel tape, with FRP strength member, water proof tape, double layer of HDPE jacket, should confirm or exceed the EIA/TIA 455, EIA/TIA 568, ISO 11801 & ICEA – 640 standards for Fiber and cable performance specifications. UL/ETL *R listed for fire safety, Required in following configuration 12 fibers.			

2.2	Optical fiber pigtails SC type, 1 meter length	Pigtails SC type, compatible with fusion or mechanical splices, Field mountable with required accessories & consumables, U/ETL L*R Listed & verified required for terminating (i) 9.2/125 micron SM fiber			
2.3	Optical fiber Patch Cord, SM, SC- LC	Duplex, 9.2/125 micron SM fiber, SC connector at one end and LC connector on other end, length as below with factory mount ceramic connector at both end UL/ETL *R Listed &verified Length – 3 m			
2.4	Optical fiber patch cord, SM, SC-SC	Duplex, 9.2/125 micron SM fiber, SC connector at both end, length as below with factory mount ceramic connector at both end UL/ETL*R listed and verified Length – 3 meter			
2.5	Optical fiber patch cord, MM, OM4, SC-LC.	Duplex, 50/125 micron MM OM-4 fiber, SC connector at one end and LC connector at another end, length as below with factory mount ceramic connector at both end UL/ETL *R Listed & verified Length - 3m			
2.6	LIU, 12 Fiber, 1 U Drawer style, 19" Rack mount enclosure	Loaded with SC/LC couplers & adaptor plates for 12 fibers 50/125 micron MM or 12 fibers 9.2/125 micron SM, 19" rack mountable metallic distribution enclosure slide & tilt drawer type 1U/2U, should have inbuilt/pre-installed splice tray with all clamps, harnessing rings, ties etc. compatible cable management rings/bars should be provided.			
2.7	LIU, 24 Fiber, 1U/2U , 19" Rack mount enclosure	Loaded with SC/LC couplers & adaptor plates for 24 fibers 50/125 micron MM or 24 fibers 9.2/125 micron SM, 19" rack mountable metallic distribution enclosure 2U height with removable back cover, should have inbuilt/pre-installed splice tray with all clamps, harnessing rings, ties etc. Front & rear compatible cable management rings/bars should be provided.			

2.8	LIU, 48 Fiber, 4 U, 19" Rack mount enclosure	Loaded with SC/LC couplers & adaptor plates for 48 fibers 50/125 micron MM or 48 fibers 9.2/125 micron SM, 19" rack mountable metallic distribution enclosure 4U height with removable back cover, should have inbuilt/pre-installed splice tray with all clamps, harnessing rings, ties etc. Front & rear compatible cable management rings/bars should be provided.			
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19" Equipment mounting Racks

Sl. No.	Item	Specification required	<u>Specification quoted with Make, Model & Part No.</u>	Deviation, if any	Whether deviation is on higher side or lower side to the required specification.
3.1	19" Rack, Wall Mount, 530 mm depth, 12 U height, Front glass door (lockable, toughened 4mm),	Should confirm DIN 41494 & IEC 297 standard, Load bearing capacity of 50 Kgs, Have following accessories 19" mountable, 1U, Universal power socket design to fit both round & flat socket with built in surge protection & over load circuit breaker, 5 AMP AC power distribution channel made of high flame retardant & insulating material, CE approved with 6 nos sockets (1 nos), Cooper earthing kit (19" copper Bar) & equipment mounting screws/hardware packets (2 nos), Fan tray with two fans (low noise, good quality, ball bearing type, 90 CFM).			
3.2	19" Rack, Floor standing 1000 mm, depth, 42 U	Should confirm DIN 41494 & IEC 297 standard, Load bearing capacity of 500 Kgs, Quick release locking			

height Front & back door (lockable) Front glass door (toughened),	sides, front & rear door, Have following accessories 19" mountable, 2U, Universal power socket design to fit both round & flat socket with built in surge protection & overload circuit breaker, 15 & 5 AMP AC power distribution channel made of high flame retardant & insulating material, CE approved with 5 nos, sockets with individual on/off switch & light indication (4 nos), Support angles 2 pairs, 800 mm depth Equipment shelves 800 mm depth – 2 nos, Castors with brakes, Fan tray with four fans (low noise, good quality, ball bearing type, 90 CFM). Earthing kit (19" copper Bar) Mounting screws/hardware packets- 5 nos.			
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Ducts, Conduit Pipes, HDPE PVC Jacket, Buffer Tubing Kit

Sl. No.	Item	Specification required	<u>Specification quoted with Make, Model & Part No.</u>	Deviation, if any	Whether deviation is on higher side or lower side to the required specification.
4.1	Duct 15mmx15mm	PVC, ISI Mark			
4.2	Duct 45mmx25mm	PVC, ISI Mark			
4.3	Duct 30mmx25mm	PVC, ISI Mark			
4.4	Duct 45mmx45mm	PVC, ISI Mark			
4.5	Conduit Pipe 40mm	PVC, ISI Mark, OD Size			
4.6	Conduit Pipe 32mm	PVC, ISI Mark, OD Size			
4.7	2" HDPE PVC Jacket	PVC, ISI Mark, OD Size			
4.8	Bufur Tubing Kit	PVC, ISI Mark, OD Size			

- (i) Foot Note A
A Bidder may quote either the items of given specifications or of higher specifications.
- (ii) Foot Note B
All these items shall be compatible for integration.
- (iii) Foot Note C
The test reports for UL/ETL Certification for CAT 6 and Fiber Components shall be enclosed with Part B of Technical Bid.
- (iv) Foot Note D
The test report of a reputed laboratory for Rack shall be enclosed with Part B of Technical Bid.

Tender for Passive Components for LAN and Wi-Fi etc.
Advertisement No. 4/CMB(HW)/2015

Proforma for financial bid of Passive Components for fiber backbone of Parliament House Complex (PHC), New Delhi

A. Supply Items							
Sl.No.	Item	Unit	Unit Price (in Rs.)	Vat Per Unit (in Rs.)	Total Unit Price (in Rs.)	Qty	Total Price (in Rs.)
1.	Fiber optic Outdoor armoured 12 core (SM)	Meter				1400	
2.	LIU, 48 fiber, Rack mount (SC) (SM)	Per Unit				1	
3.	LIU, 12 fiber, Rack mount (SC) (SM)	Per Unit				2	
4.	SC Pigtails (SM)	Per Unit				96	
5.	Supply of 2" HDPE PVC Jacket	Meter				2300	
6.	Supply of Buffer tubing kit	Per Unit				96	
7.	Fiber Optics Cable Route Marker	Per Unit				100	
B. Installation Items							
Sl.No.	Item	Unit	Unit Price (in Rs.)	Service Tax Per Unit (in Rs.)	Total Unit Price (in Rs.)	Qty	Total Price (in Rs.)
1.	Installation of 2" HDPE PVC Jacket	Meter				2300	
2.	Laying of Outdoor armoured fiber cable	Meter				1400	
3.	Excavation and resurfacing of the soil	Meter				450	
4.	Excavation and resurfacing of the concrete	Meter				100	
5.	Trenchless Digging for excavation under Public Road crossing or campus	Meter				30	
6.	SC/LC Pigtails splicing on fiber optic cable	Per Unit				96	
7.	Installation of Buffer tubing kit	Per Unit				96	
8.	Performance testing of laid fiber optic cable continuity	Per link				96	
9.	Installation and termination of fiber termination unit	Per Unit				96	
10	Fiber Optics Cable Route Marker	Per Unit				100	
Total Price A+ B (In Rs.)							

Tender for Passive Components for LAN and Wi-Fi etc.
Advertisement No. 4/CMB(HW)/2015

Proforma for Financial Bid of Passive Components of LAN of Parliament House (PH), New Delhi.

A.		A. Supply Items					
Sl. No.	Item	Unit	Unit Price (in Rs.)	Vat Per Unit (in Rs.)	Total Unit Price (in Rs.)	Qty.	Total Price (in Rs.)
1.	UTP Cable CAT 6 (305 Meters Box)	Per Box				83	
2.	UTP Cable CAT 6 Information Outlet (Single)	Per Unit				460	
3.	UTP Cable CAT 6 Patch Cord 3 Feet	Per Unit				460	
4.	UTP Cable CAT 6 Patch Cord 7 Feet	Per Unit				460	
5.	Wire Manager	Per Unit				39	
6.	Optical Fiber Patch Cord, SM, SC to LC-3 Meter	Per Unit				84	
7.	Fiber Optic Outdoor Armored 12 core (SM)	Meter				5300	
8.	LIU, 48 Fiber, Rack mount (LC)/(SM)	Per Unit				5	
9.	LIU, 24 Fiber, Rack mount (LC)/(SM)	Per Unit				2	
10.	LIU, 12 Fiber, Rack mount (SC)/(SM)	Per Unit				19	
11.	SC Pigtails (SM)	Per Unit				504	
12.	19" Wall mount 12U Rack	Per Unit				25	
13.	19" Floor standing 42U Rack	Per Unit				1	
14.	24 Port Jack Panel (UTP CAT 6)	Per Unit				39	
15.	Supply of Duct 15x15	Meter				3000	
16.	Supply of Duct 45x25	Meter				1250	
17.	Supply of Duct 30x25	Meter				1400	
18.	Supply of Duct 45x45	Meter				750	
19.	Conduit Pipe 40mm	Meter				1350	
20.	Conduit Pipe 32mm	Meter				1650	
21.	Supply of 2" HDPE PVC Jacket	Meter				4400	
22.	Supply of Buffer tubing kit	Per Unit				504	

B.	Installation Items							
Sl. No.	Item	Unit	Unit Price (in Rs.)	Service Tax Per Unit (in Rs.)	Total Unit Price (in Rs.)	Qty.	Total Price (in Rs.)	
1.	Laying of UTP CAT6 Cable	Meter				25300		
2.	Installation of Information Outlet	Per Unit				460		
3.	LAN Survey & documentation	Per Unit				460		
4.	Installation of Jack panel	Per Unit				460		
5.	Testing of Nodes	Per Unit				460		
6.	Installation of Duct 15x15	Meter				3000		
7.	Installation of Duct 45x25	Meter				1250		
8.	Installation of Duct 30x25	Meter				1400		
9.	Installation of Duct 45x45	Meter				750		
10.	Installation of Conduit Pipe 40mm	Meter				1350		
11.	Installation of Conduit Pipe 32mm	Meter				1650		
12.	Installation of 2" HDPE PVC Jacket	Meter				4400		
13.	Laying of Outdoor armored Fiber Cable	Meter				5300		
14.	SC/LC Pigtails splicing on Fiber Cable	Per Unit				504		
15.	Installation of Buffer tubing kit	Per Unit				504		
16.	Performance testing of laid fiber optic cable continuity	Per Link				504		
17.	Installation and termination of fiber termination Unit	Per Unit				504		
18.	Fixing of 19" , 12U Rack	Per Unit				25		
19.	Fixing of 19", 42U Rack	Per Unit				1		
20.	Removal of Old UTP Cable	Meter				16240		
Total Price A+ B (In Rs.)								

Tender for Passive Components for LAN and Wi-Fi etc.
Advertisement No. 4/CMB(HW)/2015

Proforma of Financial Bid Passive Components of Wi-Fi Network of Parliament House (PH), New Delhi

A.							
Supply Items							
Sl. No.	Item	Unit	Unit Price (in Rs.)	VAT Per Unit (in Rs.)	Total Unit Price (in Rs.)	Qty.	Total Price (in Rs.)
1.	UTP Cable CAT 6 (305 Meters Box)	Per Box				12	
2.	UTP Cable CAT 6 Information Outlet (Single)	Per Unit				65	
3.	UTP Cable CAT 6 Patch Cord 3 feet	Per Unit				65	
4.	UTP Cable CAT 6 Patch Cord 7 Feet	Per Unit				65	
5.	Wire Manager	Per Unit				13	
6.	Optical Fiber Patch Cord, SM, SC to LC-3 Meter	Per Unit				26	
7.	Supply of Duct 15x15	Meter				650	
8.	Supply of Duct 30x25	Meter				400	
9.	Conduit Pipe 40 mm	Meter				200	
10.	Conduit Pipe 32 mm	Meter				200	

A. Installation Items

Sl. No.	Item	Unit	Unit Price (in Rs.)	Service Tax per Unit (in Rs.)	Total Unit price (in Rs.)	Quantity	Total Price (in Rs.)
1.	Laying of UTP Cable	Meter				3575	
2.	Installation of Information Outlet	Per Unit				65	
3.	LAN Survey & documentation	Per Unit				65	
4.	Installation of Jack panel	Per Unit				65	
5.	Testing of Nodes	Per Unit				65	
6.	Installation of Wire Manager	Per Unit				13	
7.	Installation of Duct 15x15	Meter				650	
8.	Installation of Duct 30x25	Meter				400	
9.	Installation of Duct 40 mm	Meter				200	
10.	Installation of Duct 32 mm	Meter				200	

Tender for Passive Components for LAN and Wi-Fi etc.
Advertisement No. 4/CMB(HW)/2015

Proforma for Financial Bid of Passive Components of LAN of Parliament House
Annexe (PHA), Lok Sabha, New Delhi

A.		Supply Items					
Sl.No.	Item	Unit	Unit Price (in Rs.)	VAT Per Unit (in Rs.)	Total Unit Price (in Rs.)	Qty	Total Price (in Rs.)
1.	UTP Cable CAT 6 (305 Meters Box)	Per Box				147	
2.	UTP Cable CAT 6 Information Outlet (Single)	Per Unit				815	
3.	UTP Cable CAT 6 Patch Cord 3 ft	Per Unit				815	
4.	UTP Cable CAT 6 Patch Cord 7 ft	Per Unit				815	
5.	Wire Manager	Per Unit				56	
6.	Optical Fiber Patch Cord, SM, SC to LC – 3 mtr.	Per Unit				220	
7.	Fiber optic Outdoor armoured 12 core (SM)	Meter				4305	
8.	LIU, 48 fiber, Rack mount (SC) (SM)	Per Unit				17	
9.	LIU, 12 fiber, Rack mount (SC) (SM)	Per Unit				42	
10.	SC Pigtails (SM)	Per Unit				1308	
11.	19” wall mount 12 U Rack	Per Unit				44	
12.	19” Floor standing 42 U Rack	Per Unit				2	
13.	24 Port Jack Panel (CAT 6)	Per Unit				56	
14.	Supply of Duct (15 x 15)	Meter				4500	
15.	Supply of Duct (45 x 25)	Meter				2250	
16.	Supply of Duct (30 x 25)	Meter				3000	
17.	Supply of Duct (45x 45)	Meter				2000	
18.	Supply of 2” HDPE PVC	Meter				4200	
19.	Supply of Buffer tubing kit	Per Unit				1308	
20.	Conduit Pipe (40 mm)	Meter				2100	
21.	Conduit Pipe (32 mm)	Meter				2000	

B.	Installation Items						
Sl.No.	Item	Unit	Unit Price (in Rs.)	Service Tax Per Unit (in Rs.)	Total Unit Price (in Rs.)	Qty	Total Price (in Rs.)
1.	Laying of UTP CAT6 Cable	Meter				44825	
2.	Installation of Information Outlet	Per Unit				815	
3.	LAN survey & documentation	Per Unit				815	
4.	Installation of Jack Panel	Per Unit				815	
5.	Testing of Nodes	Per Unit				815	
6.	Installation of Duct (15 x 15)	Meter				4500	
7.	Installation of Duct (45 x 25)	Meter				2250	
8.	Installation of Duct (30 x 25)	Meter				3000	
9.	Installation of Duct (45 x 45)	Meter				2000	
10.	Installation of Conduit Pipe (40 mm)	Meter				2100	
11.	Installation of Conduit Pipe (32 mm)	Meter				2000	
12.	Installation of 2" HDPE PVC	Meter				4200	
13.	Laying of Outdoor armoured fiber cable	Meter				4305	
14.	SC/LC Pigtails splicing on fiber optic cable	Per Unit				1308	
15.	Performance testing of laid fiber optic cable continuity	Per link				1308	
16.	Installation and termination of fiber termination unit	Per link				1308	
17.	Fixing of 19" Rack 12 U	Per Unit				44	
18.	Fixing of 19" Rack 42 U	Per Unit				2	
19.	Supply of Buffer tubing kit	Per Unit				1308	
20.	Removal of Old UTP Cable	Meter				32600	
	Total Price A+ B (In Rs.)						

Tender for Passive Components for LAN and Wi-Fi etc.
Advertisement No. 4/CMB(HW)/2015

Proforma for Financial Bid of Passive Components of Wi-fi Network of Parliament House Annexe (PHA), New Delhi

A. Supply Items							
Sl. No.	Item	Unit	Unit Price (in Rs.)	VAT Per Unit (in Rs.)	Total Unit Price (in Rs.)	Qty	Total Price (in Rs.)
1.	UTP Cable CAT 6 (305 Meters Box)	Per Box				8	
2.	UTP Cable CAT 6 Information Outlet (Single)	Per Unit				45	
3.	UTP Cable CAT 6 Patch Cord 3 ft	Per Unit				45	
4.	UTP Cable CAT 6 Patch Cord 7 ft	Per Unit				45	
5.	Wire Manager	Per Unit				7	
6.	Optical Fiber Patch Cord, SM, SC to LC – 3 mtr.	Per Unit				14	
7.	Supply of Duct (15 x 15)	Meter				450	
8.	Supply of Duct (30 x 25)	Meter				320	
9.	Conduit Pipe (40 mm)	Meter				300	
10.	Conduit Pipe (32 mm)	Meter				300	
B. Installation Items							
Sl.No.	Item	Unit	Unit Price (in Rs.)	Service Tax Per Unit (in Rs.)	Total Unit Price (in Rs.)	Qty	Total Price (in Rs.)
1.	Laying of UTP CAT 6 Cable	Meter				2475	
2.	Installation of Information Outlet	Per Unit				45	
3.	LAN survey & documentation	Per Unit				45	
4.	Installation of Jack Panel	Per Unit				45	
5.	Testing of Nodes	Per Unit				45	
6.	Installation of Duct (15 x 15)	Meter				450	
7.	Installation of Duct (30 x 25)	Meter				320	
8.	Installation of Conduit Pipe (40 mm)	Meter				300	
9.	Installation of Conduit Pipe (32 mm)	Meter				300	
Total Price A+ B (In Rs.)							

Tender for Passive Components for LAN and Wi-Fi etc.
Advertisement No. 4/CMB(HW)/2015

Proforma for Financial Bid of Passive Components of LAN of Parliament
Library Building (PLB), New Delhi

A							
Supply Items							
Sl.No.	Item	Unit	Unit Price (in Rs.)	VAT Per Unit (in Rs.)	Total Unit Price (in Rs.)	Qty	Total Price (in Rs.)
1	Optical Fiber Patch Cord, MM, SC to LC – 3 mtr.	Per Unit				148	
2	Optical Fiber Patch Cord, SM, SC to LC – 3 mtr.	Per Unit				16	
3	19”, Floor standing, 42 U, Rack	Per Unit				1	
B							
Installation Items							
Sl.No.	Item	Unit	Unit Price (in Rs.)	Service Tax Per Unit (in Rs.)	Total Unit Price (in Rs.)	Qty	Total Price (in Rs.)
1	Fixing of 19”, Floor standing, 42 U, Rack	Per Unit				1	
Total Price A+ B (In Rs.)							

Tender for Passive Components for LAN and Wi-Fi etc.
Advertisement No. 4/CMB(HW)/2015

Proforma for Financial Bid of Passive Components of Wi-fi Network of Parliament Library Building (PLB), New Delhi

A		Supply Items					
Sl.No.	Item	Unit	Unit Price (in Rs.)	VAT Per Unit (in Rs.)	Total Unit Price (in Rs.)	Qty	Total Price (in Rs.)
1.	UTP Cable CAT 6 (305 Meters Box)	Per Box				4	
2.	UTP Cable CAT 6 Information Outlet (Single)	Per Unit				24	
3.	UTP Cable CAT 6 Patch Cord 3 ft	Per Unit				24	
4.	UTP Cable CAT 6 Patch Cord 7 ft	Per Unit				24	
5.	Wire Manager	Per Unit				11	
6.	Optical Fiber Patch Cord, OM4, MM, SC to LC – 3 mtr.	Per Unit				25	
7.	Optical Fiber Patch Cord, OM4, SM, SC to LC – 3 mtr	Per Unit				18	
8.	24 Port Jack Panel (UTP CAT 6)	Per Unit				11	
9.	Supply of Duct (15 x 15)	Per Unit				350	
10.	Supply of Duct (30 x 25)	Per Unit				175	
11.	Supply of Conduit Pipe (40 mm)	Per Unit				90	
B.		Installation Items					
Sl.No.	Item	Unit	Unit Price (in Rs.)	Service Tax Per Unit (in Rs.)	Total Unit Price (in Rs.)	Qty	Total Price (in Rs.)
1.	Laying of UTP CAT6 Cable	Meter				1320	
2.	Installation of Information Outlet	Per Unit				24	
3.	LAN survey & documentation	Per Unit				24	
4.	Installation of Jack Panel	Per Unit				24	
5.	Testing of Nodes	Per Unit				24	
6.	Installation of Conduit Pipe (40 mm)	Per Unit				90	
7.	Installation of Duct (15 x 15)	Per Unit				350	
8.	Installation of Duct (30 x 25)	Per Unit				175	
		Total Price A+B (In Rs.)					

Tender for Passive Components for LAN and Wi-Fi etc.
Advertisement No. 4/CMB(HW)/2015

Proforma for Financial Bid of Passive Components of LAN and Wi-fi Network of New Building of Parliament House Annexe, (PHA) New Delhi.

A.		Supply Items					
Sl. No.	Item	Unit	Unit Price (in Rs.)	VAT Per Unit (in Rs.)	Total Unit Price (in Rs.)	Qty	Total Price (in Rs.)
1.	UTP CAT6 Cable (305 Meters Box)	Per Box				209	
2.	Information Outlet (Single SMB)	Per Unit				1158	
3.	Patch Cord 7 Feet	Per Unit				1158	
4.	Patch Cord 3 Feet	Per Unit				1158	
5.	24 Ports Jack Panel (UTP CAT6)	Per Unit				54	
6.	Wire Manager	Per Unit				54	
7.	19" Floor Standing 42U Rack	Per Unit				2	
8.	19" Wall Mount 12U Rack	Per Unit				18	
9.	Optical Fiber Patch Cord, SM, SC to LC-3 meter,	Per Unit				36	
10.	Optical Fiber Patch Cord SM, SC to SC-3 meter	Per Unit				04	
11.	Fiber Optic Outdoor Armored Cable 12 core (SM)	Per Unit				3350	
12.	LIU, 24 Fiber Rack mount (SC) (SM)	Per Unit				6	
13.	LIU, 12 Fiber, Rack mount (SC) (SM)	Per Unit				11	
14.	SC Pigtails (SM)	Per Unit				480	
15.	Supply of Duct 15x15mm	Meter				5700	
16.	Supply of Duct 30x25mm	Meter				4900	
17.	Supply of Duct 45x25mm	Meter				4100	
18.	Supply of Duct 45x45mm	Meter				4600	
19.	Supply of PVC Conduit 32mm	Meter				3000	
20.	Supply of PVC Conduit 40mm	Meter				3000	
21.	Supply of 2" HDPE PVC Jacket	Meter				1200	
22.	Supply of Buffer Tubing kit	Per Unit				432	

B.**Installation Items**

Sl. No.	Item	Unit	Unit Price (in Rs.)	Service Tax Per Unit (in Rs.)	Total Unit Price (in Rs.)	Qty.	Total Price (in Rs.)	
1.	Laying of UTP CAT6 Cable	Per Unit				63690		
2.	Installation of Information Outlet	Per Unit				1158		
3.	Installation of Cable on Jack Panel end	Per Unit				1158		
4.	Testing of Nodes	Per Unit				1158		
5.	Installation of 42U Rack	Per Unit				2		
6.	Installation of 12U Rack	Per Unit				18		
7.	Installation of Duct 15x15mm	Per Unit				5700		
8.	Installation of Duct 30x25mm	Per Unit				4900		
9.	Installation of Duct 45x25mm	Per Unit				4100		
10.	Installation of Duct 45x45mm	Per Unit				4600		
11.	Outdoor Laying of Fiber Outdoor Armored Cable	Per Unit				2250		
12.	Installation of PVC Conduit 32mm	Per Unit				3000		
13.	Installation of PVC Conduit 40mm	Meter				3000		
14.	Installation of 2" HDPE PVC Jacket	Meter				1200		
15.	SC/AC Pigtails splicing on fiber optic cable	Meter				432		
16.	Installation of Buffer Tubing kit	Meter				432		
17.	Performance testing of laid fiber optic cable continuity	Meter				432		
18.	Installation and termination of fiber termination Unit (LIU) Couples	Meter				432		
19.	LAN Survey and documentation	Per Unit				1158		
20.	Excavation and resurfacing of the soil	Per Unit				200		
21.	Excavation and resurfacing of the concrete	Per Unit				50		
Total Price A+ B (In Rs.)								

Tender for Passive Components for LAN and Wi-Fi etc.
Advertisement No. 4/CMB(HW)/2015

Proforma for financial bid for Site Certification for twenty years for
passive components of LAN & Wi-Fi of the whole site of Parliament House
Complex.

Sl. No.	Item`	Unit	Rate per unit (in Rs.)	Service Tax per unit (in Rs.)	Total Amount (in Rs.)	Quantity	Total Price (in Rs.)
1	Nodes of LAN & Wi-Fi	Per Unit				3607	

Tender for Passive Components for LAN and Wi-Fi etc.
Advertisement No. 4/CMB(HW)/2015

Proforma for financial bid for Buy-back of obsolete passive components of LAN

Sl.No.	Item	Unit	Rate per unit (in Rs.)	Total Amount (in Rs.)	Quantity	Total Price (in Rs.)
1	6 U Rack,	Per Unit			57	
2	9 U Rack	Per Unit			10	
3.	Jack Panel	Per Unit			88	
4.	Fiber <u>Module</u>	Per Unit			11	
5.	UTP Cable	Meter			48840	
	Total Price (In Rs.)					

New Annexure
ANNEXURE -XXII A

Tender for Passive Components for LAN and Wi-Fi

Proforma for financial bid for all the Buildings and requirement.

Sl.No.	Item	Total Bid Value (in Rs.)
1	Annexure-XII	
2.	Annexure-XIII	
3	Annexure-XIV	
4.	Annexure-XV	
5.	Annexure-XVI	
6.	Annexure-XVII	
7.	Annexure-XVIII	
8.	Annexure-XIX	
9.	Annexure-XX	
10.	Annexure-XXI	
11.	Annexure-XXII	
	Grand Total	

Tender for Passive Components for LAN and Wi-Fi etc.
Advertisement No. 4/CMB(HW)/2015

LETTER OF AUTHORIZATION FOR QUOTING THE BID AND
ATTENDING THE OPENING OF BID*

To

Dr. Ram Raj Rai,
Director,
Lok Sabha Secretariat,
New Delhi - 110001.

Sub. Authorization of bidder for quoting the bid.

Shri/Smt./Ms..... has been authorized by (Name of the Bidder) to quote the bid and sign the tender document for the above tender notice on behalf of(Name of the Bidder) and to represent.....(Name of the Bidder) in respect of above tender.(Name of the Bidder) shall be responsible for all acts and omissions of the above representative in respect of this tender. The specimen signature of the representative is given below.

Specimen Signature
of the representative

signature of bidder or
Authorized signatory

(With Seal)

signature of bidder or
Authorized signatory

(With Seal)

* To be furnished if the bid is quoted and signed by a person who is not the authorized signatory.