

## LAN Tender - PRE-BID CLARIFICATIONS



**The Jharkhand State Cooperative Milk Producers' Federation Ltd.,**  
Farmers Training Centre Campus, HEC, Sec-II, Dhurwa,  
Ranchi-834004, Jharkhand.

**Bid Reference: Tender No. JMF-SRV/ICT-LAN-INSTALL/2019-20/026**

Clarifications to queries received through emails/ phonecall: regarding "Tender for LAN Cabling & Network Upgradations

Sr No	Queries	Clarification / Amendments
1	<b>Page No: 12; Sr. No: 4</b> CISCO SWITCH SG550X-24MP (24 x GE + 2X10 GE copper/SFP+ Combo +2xSFP+) with 3 years onsite comprehensive warrantee is mentioned but in Blank Format "SG500-28 port Gigabit Switch with 4 Gigabit Ethernet (2 combo* Gigabit Ethernet + 2 x 1GE SFP) with 3 years onsite comprehensive warrantee" is mentioned so which one is correct	<b>Page No: 15; Sr. No: 4</b> <b>Pls Consider</b> SG550X-24MP (24 x GE + 2X10 GE copper/SFP+ , Combo +2xSFP+) with 3 years onsite comprehensive warrantee (This is final.) In place of: SG500-28 port Gigabit Switch with 4 Gigabit Ethernet (2 combo* Gigabit Ethernet + 2 x 1GE SFP) with 3 years onsite comprehensive warrantee
2	<b>Page No: 12; Sr. No: 7</b> One KM supported 1 Gig SFP+ Module for Single Mode Fiber (compatible with Switches mentioned in Sr. no. 4 ) with 3 years comprehensive warrantee is mentioned But in Blank format Page No. 15, Sr No 7, SFP Transceiver, For single Mode Fiber (compatible with Switches mentioned in Sr. no. 5,6 & 7)) with 3 years comprehensive warrantee is mentioned so which one is correct	<b>Page No: 15; Sr. No: 7</b> <b>Pls Consider</b> One KM supported 1 Gig SFP+ Module for Single Mode Fiber (compatible with Switches mentioned in Sr. no. 4 ) with 3 years comprehensive warrantee (This is final) In place of: SFP Transceiver, For single Mode Fiber (compatible with Switches mentioned in Sr. no. 5,6 & 7)) with 3 years comprehensive warrantee
3	<b>Page No: 13; Sr. No: 9 to 14</b> MAKE: Digilink/ Molex/ Avaya/Systimax/ Tyco is mentioned But in Blank format Page No: 16 from Sr. No: 9 to 14 <b>D-Link/</b> Digilink/ Molex/ Avaya/Systimax/ Tyco. are mentioned.	<b>Page No: 13; Sr. No: 9 to 14</b> <b>Pls consider:</b> D-Link/ Digilink/ Molex/ Avaya/Systimax/ Tyco. Correct Name is already mentioned in Page 16 from Sr. No: 9 to 14
4	<b>Page No: 13; Sr. No: 16</b> MAKE: ISO standard written	<b>Pls read it as ISI Standard</b>



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**Annexure II (A) :**

**BOM for SUPPLY**

Sr. No	Description	Make	Unit	Quantity for Sites						Total Qty for All Sites
				Hotwar	Dhurwa	Deoghar	Latehar	Koderma	Lohardaga	
1	6-core Single Mode, Armoured, outdoor Optic Fiber Cable	D-link/ Digilink/ Molex/ Avaya/ Systimax/ Tyco	Mtr.	200	0	0	0	0	0	200
2	12 Port LIU, Loaded with 06 No SC Type Adapters, 06 No SC Pigtail - SM	D-link/ Digilink/ Molex/ Avaya/ Systimax/ Tyco	Nos.	2	0	0	0	0	0	2
3	SC to LC duplex Single Mode Patch Cord - 3 Meter	D-link/ Digilink/ Molex/ Avaya/ Systimax/ Tyco	Nos.	2	0	0	0	0	0	2
4	SG550X-24MP (24 x GE + 2X10 GE copper/SFP+ Combo +2xSFP+) with 3 years onsite comprehensive warrantee	Cisco	Nos.	3	0	0	0	0	0	3
5	SG350-28PP 28 Port Gigabit PoE+ Managed switch with 3 years onsite comprehensive warrantee	Cisco	Nos.	1	2	2	1	1	1	8
6	SG350-10PP 10 Port Gigabit PoE+ Managed switch with 3 years onsite comprehensive warrantee	Cisco	Nos.	1	0	0	0	0	0	1
7	One KM supported 1 Gig SFP+ Module for Single Mode Fiber (compatible with Switches mentioned in Sr. no. 4) with 3 years comprehensive warrantee.	Cisco	Nos.	2	0	0	0	0	0	2
8	9U Wall mounted Network enclosure of dimension 600W X 500D with front sheet steel glass door, Removable Side Panels With Lock top and bottom cover with cable entry provision, 230V AC Fan, 90 cfm with 1 mts long cable ,1U PVC Cable Manager , 1U cantilever shelf of 250 mm deep of 1 mm thick ,19" mountable socket strips with 6 nos of 5A universal sockets with 2 mts long power cord ,1 pair of 19" angles with wall mounting provision, captive hardware (pack of 20) with necessary accessories	Rittal/ Valrack/ APC/ APW/ Precision/ Spider/ D-link	Nos.	4	2	2	1	1	1	11





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9	CAT6 24 Ports Loaded Network Patch Panel with PVC cable Manager (1U)	D-Link/ Digilink/ Molex/ Avaya/ Systimax/ Tyco	Nos.	5	2	2	1	1	1	12
10	CAT 6 UTP BOX (305M)	D-Link/ Digilink/ Molex/ Avaya/ Systimax/ Tyco	Nos.	3	2	1	1	1	1	9
11	CAT 6 Patch Cord (Grey Colour) -1 Meter	D-Link/ Digilink/ Molex/ Avaya/ Systimax/ Tyco	Nos.	30	30	28	15	15	15	133
12	CAT 6 Patch Cord (Grey Colour) -3 Meter	D-Link/ Digilink/ Molex/ Avaya/ Systimax/ Tyco	Nos.	30	30	15	10	10	0	95
13	CAT 6 Information Outlets with Single Face plates	D-Link/ Digilink/ Molex/ Avaya/ Systimax/ Tyco	Nos.	30	40	25	12	15	10	132
14	CAT 6 Back Box	D-Link/ Digilink/ Molex/ Avaya/ Systimax/ Tyco	Nos.	30	40	25	12	15	10	132
15	PVC Casing and capping/PVC pipe / Flexible Pipe – 1” for indoor with accessories ( white/grey colour)	Dolphin/ Dutron/ Finolex/ Nihir/ Prince/ Precision/ Supreme or Equivalent ISI make	Mtr.	100	150	100	150	100	0	600
16	Outdoor heavy Duty 32mm Dia HDPE Pipe of 6 kgf/cm2 working pressure with necessary accessories	Dolphin/ Dutron/ Finolex/Nihir/ Prince/ Precision/ Supreme or Equivalent ISO standard Make	Mtr.	150	0	0	50	0	0	200
17	Flexible pipe 1"	“Dolphin/ Dutron/ Finolex/Nihir/ Prince/ Precision/ Supreme or Equivalent ISI make”	Mtr.	30	20	0	0	0	0	50
18	PVC Casing and capping 50*16	“Dolphin/ Dutron/ Finolex/Nihir/ Prince/ Precision/ Supreme or Equivalent ISI make”	Mtr.	0	30	20	0	50	0	100



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**Annexure II (B):-**

BOM for Service			Quantity for Sites						Total Qty for All Sites
Sr. No.	Description	UOM	Hotwar	Dhurwa	Deoghar	Latehar	Koderma	Lohardaga	
1	Laying/Pulling of CAT 6 UTP cable	Mtr.	915	500	305	200	200	0	2120
2	Laying/installation of PVC Pipe/Casson cappon /Flexible pipe with necessary accessories	Mtr.	915	200	200	150	150	0	1615
3	Fixing and Installation of 9U Wall/Floor Mount Rack & Dressing	Nos.	4	3	2	1	1	1	12
4	Installation and Termination of 24-ports CAT6 Network Patch Panel and Cable Manager	Nos.	5	2	2	1	1	1	12
5	Installation & termination of CAT 6 I/O with face plate and back box on workstation/wall	Nos.	30	40	25	12	15	0	122
6	Installation of Switches	Nos.	5	3	2	1	1	1	13
7	Laying/Pulling of 6 Core Fiber Cable	Mtr.	200	0	0	0	0	0	200
8	OFC termination and Splicing	Nos.	12	0	0	0	0	0	12
9	Digging & re-surfacing of hard soil.	Mtr.	30	0	0	0	0	0	30
10	Digging Soft Soil and Refilling (2.5ft Depth)	Mtr.	100	0	0	0	0	0	100
11	Laying of HDPE pipe with required accessories	Mtr.	150	0	0	50	0	0	200

**Note:**

- Bidders are requested to quote the RATES for the items as per SITE separately in 'Financial / Commercial Format' enclosed as Annex III (A) and (B) for above quantities.
- Vendor shall provide minimum 12 months free on-site comprehensive warranty of passive components and active components (Item Nos 4, 5, 6, 7) must have a 3 (Three) years comprehensive on-site replacement warranty form the OEM/OEM authorized vendor.
- Bidder should quote for D-Link/ Digilink/ Molex/ Avaya/ Systimax / Tyco brand for passive component and All Passive components must be of same OEM except Rack.
- Vendor may visit the site for the survey before submitting the quotation. The above quantities are tentative and may vary on either side. Bidder to supply materials as per actual requirement. Payment for aforementioned items shall be made as per actual measurement of works executed at site.





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**Annexure – III : FINANCIAL/ COMMERCIAL FORMAT (To be quote Site Wise Separately)**

**Annex-III ( A): BOM for SUPPLY**

**For SITE (Name of Site): .....**

**Date:**

Sr. No	Description	Make	Unit	Qty	Rate (Rs.)/ Unit	P&F, Freight/ Ins. / other Charges	GST %	Total Amount on F.O.R. Basis
1	6-core Single Mode, Armored, outdoor Optic Fiber Cable	D-link/ Digilink/ Molex/ Avaya/ Systimax/ Tyco	Mtr.					
2	12 Port LIU, Loaded with 06 No SC Type Adapters, 06 No SC Pigtail - SM	D-link/ Digilink/ Molex/ Avaya/ Systimax/ Tyco	Nos					
3	SC to LC duplex Single Mode Patch Cord - 3 Meter	D-link/ Digilink/ Molex/ Avaya/ Systimax/ Tyco	Nos					
4	SG550X-24MP (24 x GE + 2X10 GE copper/SFP+ Combo +2xSFP+) with 3 years onsite comprehensive warrantee	Cisco	Nos					
5	SG350-28PP 28 Port Gigabit PoE+ Managed switch with 3 years onsite comprehensive warrantee	Cisco	Nos					
6	SG350-10PP 10 Port Gigabit PoE+ Managed switch with 3 years onsite comprehensive warrantee	Cisco	Nos					
7	One KM supported 1 Gig SFP+ Module for Single Mode Fiber (compatible with Switches mentioned in Sr. no. 4 ) with 3 years comprehensive warrantee	Cisco	Nos					
8	9U Wall mounted Network enclosure of dimension 600W X 500D with front sheet steel glass door, Removable Side Panels With Lock top and bottom cover with cable entry provision, 230V AC Fan, 90 cfm with 1 mts long cable ,1U PVC Cable Manager , 1U cantilever shelf of 250 mm deep of 1 mm thick ,19" mountable socket strips with 6 nos of 5A universal sockets with 2 mts long power cord ,1 pair of 19" angles with wall mounting provision, captive hardware (pack of 20) with necessary accessories	Rittal/ Valrack/ APC/ APW/ Precision/ Spider/ D-link	Nos					



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9	CAT6 24 Ports Loaded Network Patch Panel with PVC cable Manager (1U)	D-link/ Digilink/Molex/Avaya/ Systimax/Tyco	Nos					
10	CAT 6 UTP BOX ( 305M)	D-link/ Digilink/Molex/Avaya/ Systimax/Tyco	Nos					
11	CAT 6 Patch Cord ( Grey Colour) -1 Meter	D-link/ Digilink/Molex/Avaya/ Systimax/Tyco	Nos					
12	CAT 6 Patch Cord ( Grey Colour) -3 Meter	D-link/ Digilink/Molex/Avaya/ Systimax/Tyco	Nos					
13	CAT 6 Information Outlets with Single Face plates	D-link/ Digilink/Molex/Avaya/ Systimax/Tyco	Nos					
14	CAT 6 Back Box	D-link/ Digilink/Molex/Avaya/ Systimax/Tyco	Nos					
15	PVC Casing and capping/PVC pipe / Flexible Pipe – 1” for indoor with accessories (white/grey colour)	Dolphin/Dutron/Finolex/Nihir/Prince/Precision/ Supreme or Equivalent ISI make	Mtr.					
16	Outdoor heavy Duty 32mm Dia HDPE Pipe of 6 kgf/cm2 working pressure with necessary accessories	Dolphin/Dutron/Finolex/Nihir/Prince/Precision/ Supreme or Equivalent ISO standard Make	Mtr.					
17	Flexible pipe 1"	“Dolphin/ Dutron/ Finolex/ Nihir/ Prince/ Precision/ Supreme or Equivalent ISI make”	Mtr.					
18	PVC Casing and capping 50*16		Mtr.					

\*The total amount should be on F.O.R. basis at site inclusive of GST, P&F, Transportation, Insurance etc. for delivery at Site.

**(Signature with Date / Stamp of Tenderer)**





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**Annexure – III : FINANCIAL/ COMMERCIAL FORMAT (To be quote Site Wise Separately)**

**Annex-III (B): BOM for Service**

**For SITE (Name of Site): .....**

**Date:**

Sr. No.	Description	UOM	Qty	Unit Price	Basic Amount	GST	Tax Amount	Total Amount
1	Laying/Pulling of CAT 6 UTP cable	Mtr.						
2	Laying/installation of PVC Pipe/Casson cappon /Flexible pipe with necessary accessories	Mtr.						
3	Fixing and Installation of 9U Wall/Floor Mount Rack & Dressing	Nos.						
4	Installation and Termination of 24-ports CAT6 Network Patch Panel and Cable Manager	Nos.						
5	Installation & termination of CAT 6 I/O with face plate and back box on workstation/wall	Nos.						
6	Installation of Switches	Nos.						
7	Laying/Pulling of 6 Core Fiber Cable	Mtr.						
8	OFC termination and Splicing	Nos.						
9	Digging & re-surfacing of hard soil.	Mtr.						
10	Digging Soft Soil and Refilling ( 2.5ft Depth)	Mtr.						
11	Laying of HDPE pipe with required accessories	Mtr.						
	<b>Grand Total Amount (Rs.)</b>							

\*The total amount should be on F.O.R. basis at site inclusive of GST, P&F, Transportation, Insurance etc. for delivery at Site.

**(Signature with Date / Stamp of Tenderer)**