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HIGH COURT OF MADHYA PRADESH
PRINCIPAL BENCH JABALPUR

Subject:- The matter regarding the requirement of additional access points at the District Courts in the State of Madhya Pradesh under phase-II.

Under the subject cited above, it is to submit that the 1100 number of access points was installed at District Courts in the State of Madhya Pradesh under wi-fi project. In this regard, the memo was issued to the vendor M/s ITSC Technologies Pvt. Ltd. regarding the setup / installation of approximately 1100 numbers of access points (line item no. 89 Dual Band Mesh WiFi router, 2 number of gigabit Ethernet ports, should be expandable with smart roaming feature) of Make: Cisco, Model: AIR-AP1852I-D-K9 each @ Rs.19,470/- (all inclusive) at District Courts as per requirement on the rate mentioned in Table A&B of the rate contract for all active and passive components.

The copy of memo along with details is placed as per "Flag-A" for kind perusal, please.

Now after the resurvey of sites / District Courts, there is requirement of additional 419 number of wi-fi access points at District Courts.

The court wise detailed list is placed as per "Flag-B" for kind perusal, please.

Previously, the work of Wi-Fi project was carried out by the vendor M/s ITSC Technologies Pvt. Ltd. in the State of Madhya Pradesh.

Now, during current financial year there is rate contract with the vendor M/s ITSC Technologies Pvt. Ltd. for the supply of

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23/01/2024

Subject:- The matter regarding the wifi project extension / work at District Courts in the State of Madhya Pradesh.

Under the subject cited above, it is to submit that at District Courts the detailed list was made in the year 2017 regarding approximately number of advocates registered with Bar for the usage of w-fi system / connectivity at District Courts in the State of Madhya Pradesh.

The committee directed to made escalation @ 15% in the list and to make it 50% for calculating number of users for wi-fi system.

In this regard, 15% escalation is made and after making escalation , the number is reduced @ 50% .

The details of the same is as give below:-

S.No.	Names of District Head Quarter	Approximately Numbers (year 2017)	Increase 15% (year 2021)	*Approximately number of Wi-Fi users (@ 50%)
1	Alirajpur	155	178	89
2	Anuppur	897	1032	516
3	Ashok Nagar	596	685	343
4	Badwani	361	415	208
5	Balaghat	991	1140	570
6	Betul	1135	1305	653
7	Bhind	1425	1639	819
8	Bhopal	7085	8148	4074
9	Burhanpur	402	462	231
10	Chhatarpur	1716	1973	987
11	Chhindwara	1845	2122	1061
12	Damoh	984	1132	566
13	Datia	875	1006	503
14	Dewas	1250	1438	719

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15	Dhar	1054	1212	606
16	Dindori	181	208	104
17	Guna	833	958	479
18	Gwalior	6410	7372	3686
19	Harda	467	537	269
20	Hoshangabad	1704	1960	980
21	Indore	7447	8564	4282
22	Jabalpur	8502	9777	4889
23	Jhabua	328	377	189
24	Katni	1112	1279	639
25	Khandwa(East Niwar)	612	704	352
26	Khargone (Mandleshwar)	739	850	425
27	Mandla	559	643	321
28	Mandsaur	1064	1224	612
29	Morena	1443	1659	830
30	Narsinghpur	742	853	427
31	Neemuch	701	806	403
32	Panna	662	761	381
33	Raisen	808	929	465
34	Rajgarh	634	729	365
35	Ratlam	1274	1465	733
36	Rewa	5336	6136	3068
37	Sagar	2910	3347	1673
38	Satna	3341	3842	1921
39	Sehore	829	953	477
40	Seoni	882	1014	507
41	Shahdol	1764	2029	1014
42	Shajapur	794	913	457
43	Sheopur	299	344	172
44	Shivpuri	1212	1394	697
45	Sidhi	1674	1925	963
46	Singrauli	903	1038	519
47	Tikamgarh	942	1083	542
48	Ujjain	3039	3495	1747
49	Umariya	527	606	303

50	Vidisha	1388	1596	798
Total		82833	95258	47629

The matter was discussed in the meeting.

The Computer and e-Court Committee of the High Court in its meeting dated: **16th June, 2021** has resolved to recommend as under:-

“ To take up the matter for the installation of secure wi-fi network / system at District Courts in the State of Madhya Pradesh under rates, specifications, terms and conditions of rate contract dated: 01.10.2020 from the approved M/s ITSC Technologies Pvt. Ltd. as per details given below:-

“TABLE-A”

Sl. No.	Item Description OEM Make/Part No.	Unit Rate Per Item / per work/ job in Rs.	GST in Rs.	Any other duty/ levy in Rs.	Propose d make/br and quote by the bidder	TOTAL AMOU NT With taxes in Rs. P	TOTAL AMOUN T In Words
1	UTP CAT 6 cable (Box of 305 m) (D-link/ Legrand /Molex or equivalent brand of repute)	4850.00	873.00		DIGISOL	5723.0 0	INR Five Thousan d Seven Hundred & Twenty Three Only
2	24 port Patch Panel CAT 6 (each) (D-link/ Legrand/ Molex or equivalent brand of repute)	2187.50	393.75		DIGISOL	2581.2 5	INR Two Thousan d Five Hundred & Eighty One and Paise Twenty Five Only

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3	Information Outlet CAT 6 (faceplate +keystonejack+ gangbox (each complete set) D- link/ Legrand/Molex or equivalent brand of repute					
4	1-port D-link/ Legrand/ Molex or equivalent brand of repute	148.00	26.64	DIGISOL	174.64	INR One Hundred & Seventy Four and Paise Sixty Four Only
5	2-port D-link/ Legrand/ Molex or equivalent brand of repute	160.00	28.80	DIGISOL	188.80	INR One Hundred & Eighty Eight and Paise Eighty Only
6	4-port D-link/Legrand/ Molex or equivalent brand of repute	170.00	30.60	DIGISOL	200.60	INR Two Hundred and Paise Sixty Only
7	Patch Cords CAT 6 (each) At least in 2 colour as per order) D- link/Legrand/Mole x or equivalent brand of repute					
8	1 Meter D-link/Legrand/ Molex or equivalent brand of repute	90.00	16.20	DIGISOL	106.20	INR One Hundred & Six and Paise Twenty Only
9	2 Meter D-link/Legrand/ Molex or equivalent brand of repute	100.00	18.00	DIGISOL	118.00	INR One Hundred & Eighteen Only

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10	FIBER COMPONENTS- Fiber Optic Indoor/outdoor tight buffered cable single mode (SM) (Per Meter) 3M/ finolex /Fujitsu/ D- link/Legrand/Mole x or equivalent brand of repute						
11	6 core 3M/ finolex /Fujitsu/ D- link/Legrand/ Molex or equivalent brand of repute	32.00	5.76		DIGISOL	37.76	INR Thirty Seven and Paise Seventy Six Only
12	12 core 3M/ finolex /Fujitsu/ D- link/Legrand/ Molex or equivalent brand of repute	68.00	12.24		DIGISOL	80.24	INR Eighty and Paise Twenty Four Only
13	Fiber Optic outdoor armoured cable single mode (SM) (Per Meter) 3M/ finolex /Fujitsu/ D- link/Legrand/Mole x or equivalent brand of repute						
14	6 core 3M/ finolex /Fujitsu/ D- link/Legrand/ Molex or equivalent brand of repute	28.00	5.04		DIGISOL	33.04	INR Thirty Three and Paise Four Only
15	12 core 3M/ finolex /Fujitsu/ D- link/Legrand/ Molex	32.00	5.76		DIGISOL	37.76	INR Thirty Seven and Paise Seventy Six Only
16	Optical Fiber Connector SC Type, Epoxyless (each) 3M/ finolex /Fujitsu/ D-						

17	link/Legrand/Molex or equivalent brand of repute SM	163.00	29.34	DIGISOL	192.34	INR One Hundred & Ninety Two and Paise Thirty Four Only
18	3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute					
19	Optical Fiber Connectors LC Type, Epoxyless (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute SM	160.00	28.80	DIGISOL	188.80	INR One Hundred & Eighty Eight and Paise Eighty Only
20	3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute					
21	Optical Fiber pigtail SC Type, 1 meter (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute SM	90.00	16.20	DIGISOL	106.20	INR One Hundred & Six and Paise Twenty Only
22	3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute					
	Optical Fiber pigtail LC Type, 1 meter (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute					

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23	SM 3M/ finolex /Fujitsu/ D- link/Legrand/ Molex or equivalent brand of repute	116.00	20.88		DIGISOL	136.88	INR One Hundred & Thirty Six and Paise Eighty Eight Only
24	Optical Fiber Patch Cord, MM SC to SC (each) 3M/ finolex /Fujitsu/ D- link/Legrand/Mole x or equivalent brand of repute						
25	3 meters 3M/ finolex /Fujitsu/ D- link/Legrand/ Molex or equivalent brand of repute	650.00	117.00		DIGISOL	767.00	INR Seven Hundred & Sixty Seven Only
26	Optical Fiber Patch Cord, MM, SC to LC (each) 3M/ finolex /Fujitsu/ D- link/Legrand/Mole x or equivalent brand of repute						
27	3 meters 3M/ finolex /Fujitsu/ D- link/Legrand/ Molex or equivalent brand of repute	811.00	145.98		DIGISOL	956.98	INR Nine Hundred & Fifty Six and Paise Ninety Eight Only
28	Optical Fiber Patch Cord, SM, SC to LC (each) 3M/ finolex /Fujitsu/ D- link/Legrand/Mole x or equivalent brand of repute.						
29	3 meters 3M/ finolex /Fujitsu/ D- link/Legrand/ Molex or equivalent brand	773.00	139.14		DIGISOL	912.14	INR Nine Hundred & Twelve and Paise



	of repute					Fourteen Only
30	Optical Fiber Patch Cord, SM, SC to SC (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute.					
31	3 meters 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	410.00	73.80	DIGISOL	483.80	INR Four Hundred & Eighty Three and Paise Eighty Only
32	Optical Fiber Patch Cord, SM, LC to LC (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute.					
33	3 meters 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	120.00	21.60	DIGISOL	141.60	INR One Hundred & Forty One and Paise Sixty Only
34	Optical Fiber Patch Cord, MM, OM-3+SC to LC (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute					
35	3 meters 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	720.00	129.60	DIGISOL	849.60	INR Eight Hundred & Forty Nine and Paise Sixty Only



36	LIU, 24 fiber, Wall mount enclosure, lockable & fitted with SC/LC couplers & all accessories (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute						
37	LIU WITH SC MM COUPLER 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex	1400.00	252.00		DIGISOL	1652.00	INR One Thousand d Six Hundred & Fifty Two Only
38	LIU WITH SC SM COUPLER 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	1400.00	252.00		DIGISOL	1652.00	INR One Thousand d Six Hundred & Fifty Two Only
39	LIU WITH LC MM COUPLER 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	1600.00	288.00		DIGISOL	1888.00	INR One Thousand d Eight Hundred & Eighty Eight Only
40	LIU WITH LC SM COUPLER 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	4750.00	855.00		DIGISOL	5605.00	INR Five Thousand d Six Hundred & Five Only
41	LIU, 12 fiber, 1U/ 2U drawer style 19 " Rack mount enclosure & fitted with SC/LC couplers & all accessories (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent						

	brand of repute						
42	LIU WITH SC MM COUPLER 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	1500.00	270.00	DIGISOL	1770.00	0	INR One Thousand Seven Hundred & Seventy Only
43	LIU WITH SC SM COUPLER 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	1800.00	324.00	DIGISOL	2124.00	0	INR Two Thousand One Hundred & Twenty Four Only
44	LIU WITH LC MM COUPLER 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	2800.00	504.00	DIGISOL	3304.00	0	INR Three Thousand Three Hundred & Four Only
45	LIU WITH LC SM COUPLER 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	3875.00	697.50	DIGISOL	4572.50	0	INR Four Thousand Five Hundred & Seventy Two and Paise Fifty Only
46	Installation & Termination, Documentation & Site Certification of UTP and Fiber Cabling						



47	<i>In-building laying of UTP CAT 6A / CAT 6 Cable (Per Meter)</i> <i>As per actual</i>	23.00	4.14		SERVIC E	27.14	INR Twenty Seven and Paise Fourteen Only
48	<i>Installation & Termination or Information outlets (including termination of CAT 6/ CAT 6A Cable on I/O)</i> <i>As per actual</i>	42.00	7.56		SERVIC E	49.56	INR Forty Nine and Paise Fifty Six Only
49	<i>Installation & Termination of UTP Cables on Patch Panel CAT 6/ CAT 6A with wire manager</i> <i>As per actual</i>	42.00	7.56		SERVIC E	49.56	INR Forty Nine and Paise Fifty Six Only
50	<i>Performance testing of the laid UTP CAT 6/ CAT 6 A (Penta Scanner reports & documentation) (Per Node)</i> <i>As per actual</i>	100.00	18.00		SERVIC E	118.00	INR One Hundred & Eighteen Only
51	<i>Site Certification for UTP CAT6/CAT 6A & Fiber cabling with 15 years Performance warranty (Per site)</i> <i>As per actual.</i>						
52	<i>Site up to 100 Nodes (Per site)</i> <i>As per actual</i>	2860.00	514.80		SERVIC E	3374.80	INR Three Thousand Three Hundred & Seventy Four and Paise Eighty Only

53	Site up to 500 Nodes (Per site) As per actual	1500.00	270.00	SERVIC E	1770.0 0	INR One Thousand Seven Hundred & Seventy Only
54	Supply & fixing of ISI/ISO marked PVC duct of Size (Per Meter) ISI / ISO (OEM)					
55	15 x 15 mm ISI / ISO (OEM)	21.00	3.78	ISI/ISO (OEM)	24.78	INR Twenty Four and Paise Seventy Eight Only
56	30 x 25 mm ISI / ISO (OEM)	70.00	12.60	ISI/ISO (OEM)	82.60	INR Eighty Two and Paise Sixty Only
57	40 x 25 mm ISI / ISO (OEM)	104.00	18.72	ISI/ISO (OEM)	122.72	INR One Hundred & Twenty Two and Paise Seventy Two Only
58	Supply and fixing of PVC Conduit of OD Size (Per Meter) ISI / ISO (OEM)					
59	20 mm ISI / ISO (OEM)	15.00	2.70	ISI/ISO (OEM)	17.70	INR Sevente en and Paise Seventy Only

60	32 mm ISI / ISO (OEM)	24.00	4.32	ISI/ISO (OEM)	28.32	INR Twenty Eight and Paise Thirty Two Only
61	40 mm ISI / ISO (OEM)	60.00	10.80	ISI/ISO (OEM)	70.80	INR Seventy and Paise Eighty Only
62	Removal of Old UTP/ Fiber / coaxial RS 232/telephone cables (per Meter)	12.00	2.16	SERVIC E	14.16	INR Fourteen and Paise Sixteen Only
63	In building laying of fiber in duct/ conduit (per meter)	21.00	3.78	SERVIC E	24.78	INR Twenty Four and Paise Seventy Eight Only
64	Outdoor laying of fiber cable (per Meter)					
65	Excavation and resurfacing of the Soft soil (depth 1 meter)	150.00	27.00	SERVIC E	177.00	INR One Hundred & Seventy Seven Only
66	Excavation and resurfacing of the concrete (depth 1 meter)	213.00	38.34	SERVIC E	251.34	INR Two Hundred & Fifty One and Paise Thirty Four Only

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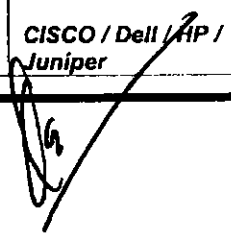
67	Overhead or through pole	15.00	2.70	SERVIC E	17.70	INR Seventen and Paise Seventy Only
68	Supply and Installation / Fixing of 2" (Inches) diameter HDPE PVC Jacket Underground or on surface (Per Meter)	264.00	47.52	ISI/ISO (OEM)	311.52	INR Three Hundred & Eleven and Paise Fifty Two Only
69	Reputed Make SC/LC connector termination on fiber optic cable	160.00	28.80	SERVIC E	188.80	INR One Hundred & Eighty Eight and Paise Eighty Only
70	Fusion/ Mechanical splicing	200.00	36.00	SERVIC E	236.00	INR Two Hundred & Thirty Six Only
71	Supply and installation of buffer tubing kit	200.00	36.00	SERVIC E	236.00	INR Two Hundred & Thirty Six Only
72	Performance testing of laid fiber Optic cable for continuity length & DB loss as per EIA/TIA - 455-60 document for FO test procedures & documentation of the results.	50.00	9.00	SERVIC E	59.00	INR Fifty Nine Only
73	19" equipment mounting Racks					

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74	<p>19" Rack, wall Mount 530 mm depth, 9 U Height, (lockable) with all accessories (At least 2 cooling fan, 1 cable manager, 15A 6port spike guard)</p> <p>Yes changed to 500 MM or higher.</p> <p>Rittal/D-link, Valrack or equivalent brand of repute</p>	4000.00	720.00		NETRA CK	4720.00	INR Four Thousand Seven Hundred & Twenty Only
75	<p>19" Rack, wall Mount 530 mm depth, 12 U Height, (lockable) with all accessories</p> <p>Yes changed to 500 MM or higher.</p> <p>Rittal/D-link, Valrack or equivalent brand of repute</p>	5250.00	945.00		NETRA CK	6195.00	INR Six Thousand One Hundred & Ninety Five Only
76	<p>19" Rack, wall Mount 800 mm depth, 24 U Height, (lockable) with all accessories (At least 2 cooling fan, 1 cable manager, 15A 6port spike guard)</p> <p>Yes changed Floor Mount/ Wall Mount</p> <p>Rittal/D-link, Valrack or equivalent brand of repute</p>	8000.00	1440.00		NETRA CK	9440.00	INR Nine Thousand Four Hundred & Forty Only
77	<p>19" Rack, wall Mount 1000 mm depth, 32 U Height, (lockable) with all accessories (At least 2 cooling</p>	15000.00	2700.00		NETRA CK	17700.00	INR Seventeen Thousand Seven Hundred Only

78	<p>fan,1 cable manager, 15A 6port spike guard)</p> <p>Yes changed to 19" Rack, wall Mount/floor mount 1000 mm depth, 32 U Height, (lockable) with all accessories(At least 2 cooling fan,1 cable manager, 15A 6port spike guard)</p> <p>Rittal/D-link,Valrack or equivalent brand of repute</p> <p>19" Rack, wall Mount 1000 mm depth, 42 U Height, (lockable) with all accessories (Atleast 2 cooling fan,1 cable manager, 15A 6port spike guard)</p> <p>Yes changed to 19" Rack, wall Mount/Floor mount 1000 mm depth, 42 U Height, (lockable) with all accessories(At least 2 cooling fan,1 cable manager, 15A 6port spike guard)</p> <p>Rittal/D-link,Valrack or equivalent brand of repute</p>	24000.00	4320.00	NETRA CK	28320.00	<p>INR Twenty Eight Thousand d Three Hundred & Twenty Only</p>
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79	LAN Survey & Document Preparation Per node / actual basis.						
80	for up to 100 network nodes, per node	59.00	10.62		SERVIC E	69.62	INR Sixty Nine and Paise Sixty Two Only
81	for up to 500 network nodes, per node	42.00	7.56		SERVIC E	49.56	INR Forty Nine and Paise Fifty Six Only
82	8 port Network Switches (manageable) (Specification-"A") CISCO / Dell / HP / Juniper	37260.00	6706.80		CISCO	43966.80	INR Forty Three Thousand Nine Hundred & Sixty Six and Paise Eighty Only
83	12 port Aggregation Switch (Specification-"B".) CISCO / Dell / HP / Juniper	209203.00	37656.54		CISCO	246859.54	INR Two Lakh Forty Six Thousand Eight Hundred & Fifty Nine and Paise Fifty Four Only
84	24 port Aggregation Switch (Specification-"C") CISCO / Dell / HP / Juniper	219664.00	39539.52		CISCO	259203.52	INR Two Lakh Fifty Nine Thousand Two Hundred



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							& Three and Paise Fifty Two Only
85	24 port Ethernet managed enterprise series switch with all accessories and Power over Ethernet (PoE) (Specification-"D") CISCO / Dell / HP / Juniper	115250.00	20745.00	CISCO	135995.00	INR One Lakh Thirty Five Thousand d Nine Hundred & Ninety Five Only	
86	24 port Ethernet managed enterprise series switch with all accessories. (Specification-"E") CISCO / Dell / HP / Juniper	118500.00	21330.00	CISCO	139830.00	INR One Lakh Thirty Nine Thousand d Eight Hundred & Thirty Only	
87	24 port Ethernet managed enterprise series switch with all accessories. (Specification-"F") CISCO / Dell / HP / Juniper	91080.00	16394.40	CISCO	107474.40	INR One Lakh Seven Thousand d Four Hundred & Seventy Four and Paise Forty Only	
88	24 port Ethernet managed enterprise series switch with all accessories. (Specification-"G") CISCO / Dell / HP / Juniper	93800.00	16884.00	CISCO	110684.00	INR One Lakh Ten Thousand d Six Hundred & Eighty Four Only	

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89	Dual Band Mesh WiFi router, 2 number of gigabit Ethernet ports, should be expandable with smart roaming feature D-link/ CISCO / Netgear/Linksys/Dell / HP / Juniper	16500.00	2970.00		CISCO	19470.00	INR Nineteen Thousand Four Hundred & Seventy Only
90	*SFP modules of SM Should support both SM and MM fiber at minimum 1 GBPS. Should be same OEM as item no. 34 to 39 D-link/ CISCO /Netgear/Linksys/ Dell/ HP / Juniper	7200.00	1296.00		CISCO	8496.00	INR Eight Thousand Four Hundred & Ninety Six Only
91	Media convertor SM (Should support 10/100/1000 Ethernet to 10/100/1000 fiber Onsite support) Reputed make	3200.00	576.00		AIRPRO	3776.00	INR Three Thousand Seven Hundred & Seventy Six Only
92	Media convertor MM (Should support 10/100/1000 Ethernet to 10/100/1000 fiber Onsite support). Reputed make	3200.00	576.00		AIRPRO	3776.00	INR Three Thousand Seven Hundred & Seventy Six Only
93	Stacking module with stacking cable. Should be same OEM as item no. 34 to 39	11200.00	2016.00		CISCO	13216.00	INR Thirteen Thousand Two Hundred & Sixteen Only
94	10G SFP module (should support single or multi mode) should be same OEM as item no. 34 to 39	8200.00	1476.00		CISCO	9676.00	INR Nine Thousand Six Hundred & Seventy

							Six Only
95	40G SFP module (single mode) should be same OEM as item no. 34 to 39	34000.00	6120.00	CISCO	40120.00	INR Forty Thousand and One Hundred & Twenty Only	
96	40G SFP module (multi mode) should be same OEM as item no. 34 to 39	12000.00	2160.00	CISCO	14160.00	INR Fourteen Thousand and One Hundred & Sixty Only	
97	UTP CAT 6A cable (Box of 305 m) D-link/ Legrand/Molex or equivalent brand of repute	7375.00	1327.50	DIGISOL	8702.50	INR Eight Thousand Seven Hundred & Two and Paise Fifty Only	
98	Patch Cords CAT 6A (each) at least in 2 colour as per order) D-link/ Legrand /Molex or equivalent brand of repute						
99	3 Meter D-link/Legrand/Molex or equivalent brand of repute	168.00	30.24	DIGISOL	198.24	INR One Hundred & Ninety Eight and Paise Twenty Four Only	
100	7 Meter D-link/Legrand/Molex or equivalent brand of repute	193.00	34.74	DIGISOL	227.74	INR Two Hundred & Twenty Seven and Paise	

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							Seventy Four Only
101	10 Meter D-link/Legrand/Molex or equivalent brand of repute	210.00	37.80		DIGISOL	247.80	INR Two Hundred & Forty Seven and Paise Eighty Only
Total in Figures						1276410.13	INR Twelve Lakh Seventy Six Thousand Four Hundred & Ten and Paise Thirteen Only

"TABLE-B"

Sl. No.	Item Description OEM Make/Part No.	Unit Rate Per Item / per work/ job in Rs.	GST in Rs.	Any other duty/ levy in Rs.	Proposed make/brand quote by the bidder	TOTAL AMOUNT With taxes in Rs. P	TOTAL AMOUNT In Words
1	Patch Cords CAT 6 (each) At least in 2 colour as per order/requirement)						

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1.01	5 Meter D-link/Legrand/Molex or equivalent brand of repute	312.5 0	56.25	DIGISOL	368.75	INR Three Hundre d & Sixty Eight and Paise Seventy Five Only
2	Optical Fiber Connector SC Type, Epoxyless (each) 3M/finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute					
2.01	MM 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute	245.0 0	44.10	DIGISOL	289.10	INR Two Hundre d & Eighty Nine and Paise Ten Only
3	Optical Fiber Connectors LC Type, Epoxyless (each) 3M/finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute					

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3.01	MM 3M/ finolex /Fujitsu/ D-link/Legrand/M olex or equivalent brand of repute	245.0 0	44.10		DIGISOL	289.10	INR Two Hundre d & Eighty Nine and Paise Ten Only
4	Optical Fiber pigtail SC Type, 1 meter (each) 3M/ finolex /Fujitsu/ D-link/Legrand/M olex or equivalent brand of repute						
4.01	MM 3M/ finolex /Fujitsu/ D-link/Legrand/M olex or equivalent brand of repute	108.7 5	19.58		DIGISOL	128.33	INR One Hundre d & Twenty Eight and Paise Thirty Three Only
5	Optical Fiber pigtail LC Type, 1 meter (each) 3M/ finolex /Fujitsu/ D-link/Legrand/M olex or equivalent brand of repute						
5.01	MM 3M/ finolex /Fujitsu/ D-link/Legrand/M olex or equivalent brand of	128.7 5	23.18		DIGISOL	151.93	INR One Hundre d & Fifty One and Paise



24

	repute						Ninety Three Only
6	Optical Fiber Patch Cord, MM SC to SC (each) 3M/finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute						
6.01	10 meters	1287.50	231.75	DIGISOL	1519.25	INR One Thousand Five Hundred & Nineteen and Paise Twenty Five Only	
6.02	20 meters	1962.50	353.25	DIGISOL	2315.75	INR Two Thousand Three Hundred & Fifteen and Paise Seventy Five Only	
7	Optical Fiber Patch Cord, SM, SC to MTRJ (each) MTRJ is required for old networks (at the time of maintenance work as per						

25

	tender). 3M/ finolex /Fujitsu/ D- link/Legrand/M olex or equivalent brand of repute						
7.01	3 meters 3M/ finolex /Fujitsu/ D- link/Legrand/M olex or equivalent brand of repute	1200. 00	216.0 0		DIGISOL	1416.00	INR One Thousa nd Four Hundre d & Sixteen Only
7.02	10 meters 3M/ finolex /Fujitsu/ D- link/Legrand/M olex or equivalent brand of repute	1300. 00	234.0 0		DIGISOL	1534.00	INR One Thousa nd Five Hundre d & Thirty Four Only
7.03	20 meters 3M/ finolex /Fujitsu/ D- link/Legrand/M olex or equivalent brand of repute	1400. 00	252.0 0		DIGISOL	1652.00	INR One Thousa nd Six Hundre d & Fifty Two Only
8	Optical Fiber Patch Cord, MM, SC to LC (each) 3M/ finolex /Fujitsu/ D- link/Legrand/M olex or equivalent brand of repute						
8.01	10 meters 3M/ finolex /Fujitsu/ D- link/Legrand/M	1352. 50	243.4 5		DIGISOL	1595.95	INR One Thousa nd Five Hundre

26

	olex or equivalent brand of repute					d & Ninety Five and Paise Ninety Five Only
8.02	20 meters 3M/ finolex /Fujitsu/ D-link/Legrand/M olex	2221.25	399.83	DIGISOL	2621.08	INR Two Thousand Six Hundred & Twenty One and Paise Eight Only
9	Optical Fiber Patch Cord, SM, SC to LC (each) 3M/ finolex /Fujitsu/ D-link/Legrand/M olex or equivalent brand of repute					
9.01	10 meters 3M/ finolex /Fujitsu/ D-link/Legrand/M olex or equivalent brand of repute	1225.00	220.50	DIGISOL	1445.50	INR One Thousand Four Hundred & Forty Five and Paise Fifty Only
9.02	20 meters 3M/ finolex /Fujitsu/ D-link/Legrand/M olex or equivalent brand of	1893.75	340.88	DIGISOL	2234.63	INR Two Thousand Two Hundred & Thirty Four

	repute						and Paise Sixty Three Only
10	Optical Fiber Patch Cord, SM, SC to SC (each) 3M/ finolex /Fujitsu/ D-link/Legrand/M olex or equivalent brand of repute						
10.01	10 meters 3M/ finolex /Fujitsu/ D-link/Legrand/M olex or equivalent brand of repute	1875. 00	337.5 0		DIGISOL	2212.50	INR Two Thousa nd Two Hundre d & Twelve and Paise Fifty Only
10.02	20 meters 3M/ finolex /Fujitsu/ D-link/Legrand/M olex or equivalent brand of repute	2125. 00	382.5 0		DIGISOL	2507.50	INR Two Thousa nd Five Hundre d & Seven and Paise Fifty Only
11	Optical Fiber Patch Cord, SM, LC to LC (each) 3M/ finolex /Fujitsu/ D-link/Legrand/M olex or equivalent brand of repute						

11.01	10 meters 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute	1875.00	337.50	DIGISOL	2212.50	INR Two Thousand Two Hundred & Twelve and Paise Fifty Only
11.02	20 meters 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute	2125.00	382.50	DIGISOL	2507.50	INR Two Thousand Five Hundred & Seven and Paise Fifty Only
12	Optical Fiber Patch Cord, MM, OM-3+SC to LC (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute					
12.01	10 meters 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute	1352.50	243.45	DIGISOL	1595.95	INR One Thousand Five Hundred & Ninety Five and Paise Ninety Five Only
12.02	20 meters 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute	2221.25	399.83	DIGISOL	2621.08	INR Two Thousand Six Hundre

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	<i>oflex or equivalent brand of repute</i>						<i>d & Twenty One and Paise Eight Only</i>
13	Site Certification for UTP CAT6/CAT 6A & Fiber cabling with 15 years Performance warranty (Per site) as per actual						
13.01	Site up to 1000 Nodes(Per site) As per actual	6250.00	1125.00		SERVICE	7375.00	INR Seven Thousand Three Hundred & Seventy Five Only
14	Supply & Fixing of Metal MS Cable Tray/ raceway with covers for mounting on ceiling / floor/ wall, with all connecting fittings and sections for hanging, T-Cross, L, Vertical routing/branching of cables etc, size as follows with required fitting kit & accessories for above (per running meter) as per actual						

30

14.01	50 mm Height x 100 mm width Thickness 1.6mm	500.0 0	90.00	OEM	590.00	INR Five Hundre d & Ninety Only
14.02	<i>Reputed Make</i> 50 mm Height x 200 mm width Thickness 1.6mm	750.0 0	135.0 0	OEM	885.00	INR Eight Hundre d & Eighty Five Only
14.03	<i>Reputed Make</i> 100 mm Height x 300 mm width Thickness 1.6mm	1000. 00	180.0 0	OEM	1180.00	INR One Thousa nd One Hundre d & Eighty Only
15	<i>Supply & Fixing of High Grade PVC cable tray/ race way with covers for mounting on ceiling / floor/ wall, with all connecting fittings & sections for hanging, T, Cross, L, vertical up/down routing. Branching of cables etc, size as follows with required fitting kit accessories for above (per running meter)</i>					

15.01	50 mm Height x 150 mm width Thickness 2.5 mm to 3 mm	500.0 0	90.00		OEM	590.00	INR Five Hundre d & Ninety Only
15.02	Reputed Make 100 mm Height x 100 mm width 2.5 mm to 3 mm	750.0 0	135.0 0		OEM	885.00	INR Eight Hundre d & Eighty Five Only
15.03	100 mm Height x 300 mm width 2.5 mm to 3 mm	1000. 00	180.0 0		OEM	1180.00	INR One Thousa nd One Hundre d & Eighty Only
16	Supply and Installation / Fixing of GI Pipe underground and on surface						
16.01	1 inch diameter	287.5 0	51.75		OEM	339.25	INR Three Hundre d & Thirty Nine and Paise Twenty Five Only
16.02	1.5 inch diameter	337.5 0	60.75		OEM	398.25	INR Three Hundre d & Ninety Eight and Paise Twenty Five Only

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17	Supply and installation/ Fixing of 4 Inch HUME pipe underground (Per Meter)	2500.00	450.00	OEM	2950.00	INR Two Thousand Nine Hundred & Fifty Only
18	Reputed Make Fiber optics cable route marker (Proper marking should be there in the form of pipe as per the directions of the High Court.)	437.50	78.75	OEM	516.25	INR Five Hundred & Sixteen and Paise Twenty Five Only
19	Reputed Make cable pulling pit made of reinforced concrete and brick walls with removable covers	3125.00	562.50	SERVICE	3687.50	INR Three Thousand Six Hundred & Eighty Seven and Paise Fifty Only
20	LAN Survey & Document Preparation					
20.01	for up to 1000 network nodes, per node	25.00	4.50	SERVICE	29.50	INR Twenty Nine and Paise Fifty Only

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20.02	for more than 1000 network nodes, per node	22.50	4.05		SERVICE	26.55	INR Twenty Six and Paise Fifty Five Only
21	Blower (D-link / Eureka Forbes or reputed brand)	1875.00	337.50		OEM	2212.50	INR Two Thousand Two Hundred & Twelve and Paise Fifty Only
22	Four pair wire LAN Crimping Tool D-link / Krone or reputed brand	1250.00	225.00		OEM	1475.00	INR One Thousand Four Hundred & Seventy Five Only
23	LAN Punching Tool D-link / Krone or reputed brand	1250.00	225.00		OEM	1475.00	INR One Thousand Four Hundred & Seventy Five Only
24	LAN Tester D-link / Krone or reputed brand	875.00	157.50		OEM	1032.50	INR One Thousand & Thirty Two and Paise Fifty Only

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Total in Figures											58045.7 0/-	INR Fifty Eight Thousa nd &Forty Five and Paise Seventy Only
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The computer and e-court committee is of the view that to direct the vendor M/s ITSC Technologies Pvt. Ltd. to carry out the wi-fi setup / installation at District Courts as per requirement on the rate mentioned above for all active and passive components and to submit the detailed BOQ(bill of quantities) along with all requisite documents, so that if required the same may be communicated to e-Committee, Supreme Court of India for re-appropriation of funds."

The copy of contract is placed as per "Flag-A" for kind perusal, please.

It is further submitted that Hon'ble the Chief Justice vide order dated: 24.06.2021 has been pleased to permit to communicate Member (Project Management), e-Committee, Supreme Court of India that to grant permission in order to process the matter for the purchase of 1700 number of licenses of VC software under the budget head 01 and also may permit to take up the matter for wi-fi network installation under the LAN category of budget head 01 from the final balance amount of Rs.6,21,27,289/- (Rupees Six Crore Twenty One Lakh Twenty Seven Thousand Two Hundred Eighty Nine Only) accordingly.



The copy of order is placed as per "Flag-B" for kind perusal, please.

Accordingly the Registry of the High Court vide memo no. Reg(IT)(SA)/2021/869, dated: 24.06.2021 has made communication to Shri A. Ramesh Babu, Member (Project Management) e-Committee, Supreme Court of India regarding the permission for use balance amount of Rs. 6,21,27,289/- under the budget head 01 for the purchase of 17000 number of licenses of VC software and wi-fi network installation under the LAN category.

Further, communication has been received from Shri A. Ramesh Babu, Member (Project Management) e-Committee, Supreme Court of India to send approximate expenditure of the said projects.

Accordingly, as per discussion the communication was made to Shri A. Ramesh Babu, Member (Project Management) e-Committee, Supreme Court of India vide memo no. Reg(IT)(SA)/2021/878, dated: 26.06.2021 regarding the requirement of funds details for expenditure regarding VC solutions and wi-fi LAN work.

It is further submitted that the communication has been received vide email dated:08th July, 2021 from Shri A. Ramesh Babu, Member (Project Management) e-Committee, Supreme Court of India that the request of the Madhya Pradesh High Court for permission to re- appropriation of Rs.6,21,27,289/- to purchase 1700 licenses of video conferencing application software and Wi-

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Fi network installation under the LAN was placed before the Competent Authority.

The VC licenses have to be utilised optimally with maximum possible capacity. It can be used in a sharing mode. It is advisable to procure staggeringly based on the change of circumstances and the actual usage instead of a single bulk purchase.

Instead of purchasing one license for each judicial officer, the licenses may be purchased in the name of Court Complexes (The number of licenses may be decided by calculating the number of cases heard daily). The user credentials may be managed centrally by the administrative officer of that court complex. The courtrooms can schedule their hearing based on their requirements and the available time slots.

After perusal, the proposal was approved by the Competent Authority as follows:-

1. *The Madhya Pradesh High Court be permitted to re-appropriation of Rs.3.75 to 4 crore for Wi-Fi network installation under the LAN up-gradation.*
2. *The Madhya Pradesh High Court be permitted to re-appropriate the savings funds of the e-Courts project Phase II to procure 50 VC licenses for the use of the High Court.*
3. *The Madhya Pradesh High Court be permitted to re-appropriate the savings funds of the e-Courts project Phase II for procurement of 395 to 495 number VC licenses (based on the requirements) for the use of District Judiciary.*

The e-mail of e-Committee is placed as per "Flag-C" for kind perusal, please.

[Handwritten signature]
09/07/2015

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XV-OR-15

Sub: Regarding the Wiki Project extension/work at District Courts in the State of M.P.

Therefore, may if approved:-

1. Approve the minutes and recommendations of the Computer and e-Court Committee meeting dated: 16th June, 2021.
2. Permit to take up the matter for installation and setup of secure wi-fi network / system at District Courts in the State of Madhya Pradesh under rates, specifications, terms and conditions of rate contract dated: 01.10.2020 from the approved vendor M/s ITSC Technologies Pvt. Ltd. as per details given in "Table A & B" mentioned in the note sheet to meet out the requirement within limit of Rs. 04 Crore from the funds of e-Committee, Supreme Court of India.
3. Permit to direct the vendor M/s ITSC Technologies Pvt. Ltd. to carry out the wi-fi setup / installation of approximately 1100 numbers of access points (line item no. 89 Dual Band Mesh WiFi router, 2 number of gigabit Ethernet ports, should be expandable with smart roaming feature) of Make: Cisco, Model: AIR-AP1852I-D-K9 each @ Rs.19,470/- (all inclusive) at District Courts as per requirement on the rate mentioned in table A&B for all active and passive components and to submit the detailed BOQ (bill of quantities) along with all requisite documents for release of payment from the funds of e-Committee, Supreme Court of India accordingly .

OR

4. Pass any other order as Hon'ble deem appropriate.

[Signature]
 (F.H. GAZI)
 SPSA(SA)
 2
 12/7/21

OSD(ACCOUNTS)

उत्तर प्रस्तावित

12 JUL 2021

REGISTRAR GENERAL

Hon'ble Sir, submitted for kind orders.

[Signature]
 12.7.21

HON'BLE THE CHIEF JUSTICE

[Signature]
 13/7/21

**HIGH COURT OF MADHYA PRADESH**

PRINCIPAL SEAT - JABALPUR

No. Reg(IT)(SA)/2021/967 Jabalpur, Dated:-14/07/2021

::MEMO::

To,

The Managing Director,
M/s ITSC Technologies Pvt. Ltd.
507, B.D.A. Complex, 7 No. Stop
Shivaji Nagar, Bhopal
Bhopal- 462016

Sub: Regarding installation of wi-fi network at District Courts
in the State of Madhya Pradesh.

Ref:- Contract dated: 01.10.2020.

Under the subject cited and with reference to above, it is to inform that to take up the matter for installation and setup of secure **wi-fi network / system** at District Courts in the State of Madhya Pradesh under rates, specifications, terms and conditions of rate contract **dated: 01.10.2020.**

Therefore, you are hereby directed to immediately carry out the **wi-fi** setup / installation of approximately 1100 numbers of access points (line item no. 89 Dual Band Mesh WiFi router, 2 number of gigabit Ethernet ports, should be expandable with smart roaming feature) of Make: Cisco, Model: AIR-AP1852I-D-K9 each @ Rs.19,470/- (all inclusive) at District Courts as per requirement on the rate mentioned in table A&B for all active and passive components and to submit the detailed BOQ (bill of quantities) along with all requisite documents for further necessary action.


REGISTRAR GENERAL

e-mail:-regithcjbpm@mp.gov.in

Ph:-0761-2623358

Access Point required in Phase II

S.No.	District	Available Court	APs installed in Phase I	Additional APs required
1	Alirajpur	8	11	2
2	Anuppur	12	15	3
3	Ashok Nagar	16	12	4
4	Balaghat	14	18	3
5	Barwani	10	12	4
6	Betul	19	21	3
7	Bhind	18	18	5
8	Bhopal	62	71	8
9	Burhanpur	12	15	4
10	Chhatarpur	19	24	5
11	Chhindwara	18	20	7
12	Damoh	17	21	15
13	Datia	14	15	4
14	Dewas	19	26	4
15	Dhar	19	17	10
16	Dindori	11	14	6
17	Guna	21	18	6
18	Gwalior	46	36	38
19	Harda	13	18	2
20	Hoshangabad	14	18	3
21	Indore	53	44	6
22	Jabalpur	61	76	10
23	Jhabua	10	13	4
24	Katni	27	34	3
25	Khandwa	17	35	4
26	Mandleshwar	10	12	4
27	Mandla	14	18	7
28	Mandsour	18	17	6
29	Murena	22	24	8
30	Narsinghpur	17	21	7
31	Neemuch	12	10	4
32	Panna	12	15	4
33	Raisen	14	18	3
34	Rajgarh	11	16	5
35	Ratlam	17	20	4
36	Reewa	28	30	20
37	Sagar	29	38	4
38	Satna	26	30	8
39	Sehore	15	16	5
40	Seoni	17	21	5
41	Shahdol	13	16	5
42	Shajapur	16	20	5
43	Sheopur	10	15	3
44	Shivpuri	20	24	6
45	Sidhi	16	20	5

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46	Singroli	9	12	2
47	Tikamgarh	18	24	7
48	Ujjain	28	36	12
49	Umaria	12	15	7
50	Vidisha	18		40
51	State Judicial Academy			70
Total		972	1109	419

Approx. 450 APs required



मध्य प्रदेश MADHYA PRADESH


BU 136886

RATE CONTRACT

PREAMBLE:

This rate contract is renewed / extended on 18th May, 2023 between the High Court of Madhya Pradesh, Jabalpur herein after referred to as 'High Court' (Which expression shall unless excluded by or repugnant to the context be deemed to include his successor in office or assign) acting through SPSA (SA) / CPC of the one part and M/s ITSC Technologies Pvt. Ltd., 507, B.D.A Complex, 7 No. Stop, Shivaji Nagar, Bhopal - 462016 herein after referred to as 'M/s ITSC Technologies Pvt. Ltd.' (Which expression shall unless excluded by or repugnant to the context be deemed to include his successor in office or assign) acting through Shri Sanjeev Kumar, CEO, M/s ITSC Technologies Pvt. Ltd., Bhopal of the other part.



1 
SPSA (SA)
HIGH COURT OF M.P.
JABALPUR



मध्य प्रदेश MADHYA PRADESH

BU 136887

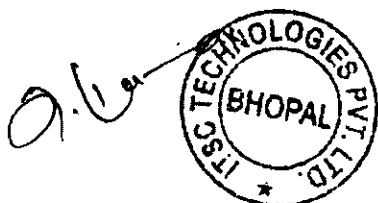
WHEREAS:

HIGH COURT is desirous of entering into an extension / renewal of existing rate contract dated: 13-05-2023 with M/s ITSC Technologies Pvt. Ltd. for Local Area Networking work at the High Court and District Courts in the State of Madhya Pradesh for the period of one year with effect from 14th May, 2023 to 13th May, 2024.

Now this agreement witnesses as follows:-

In this agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

The following documents shall be deemed to form and be read and construed as part of this Agreement viz:-



2

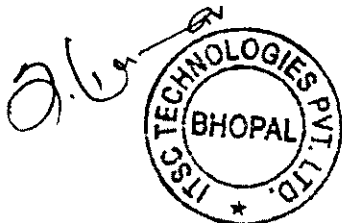

S P S A (SA)
HIGH COURT OF M.P.
JABALPUR



मध्य प्रदेश MADHYA PRADESH

BU 136888

- (a) The bid forms (Technical and financial) and the Price Schedule submitted by the bidder.
- (b) The entire tender document No. Reg. (IT) (SA)/2021/1718, dated: 17-12-2021.
- (c) Clarification No. Reg. (IT) (SA)/2021/80, dated: 14-01-2022.
- (d) The LOA No. Reg. (IT)(SA)/2022/546, dated: 23-04-2022.
- (e) Memo no. Reg. (IT)(SA)/2023/708, dated: 13-05-2023
- (f) Rate contract dated: 13-05-2023
- (g) All correspondence done in this regard.



S. S. A (SA)
HIGH COURT OF M.P.
JABALPUR



मध्य प्रदेश MADHYA PRADESH

BU 136890

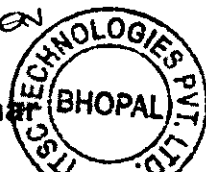
M/s ITSC Technologies Pvt. Ltd. is desirous to do Local Area Networking work at the High Court of Madhya Pradesh and District Courts in the State of Madhya Pradesh as per rates, terms and conditions of contract dated: 13-05-2023.

Period of Contract:

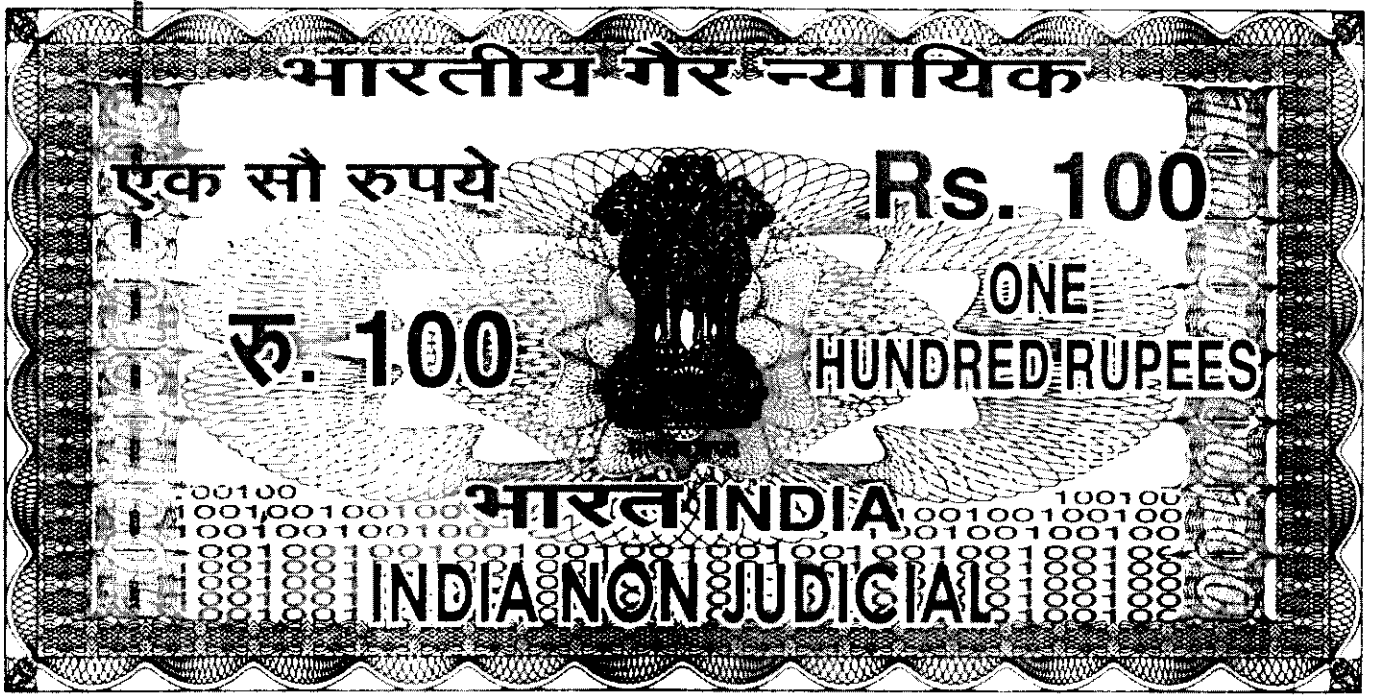
The rate contract is valid from for the period of one year from 14th May, 2023 to 13th May, 2024.

Signature of the vendor

Shri Sanjeev Kumar
CEO,
M/s ITSC Technologies Pvt. Ltd.,
Bhopal



SPSA (SA)
HIGH COURT OF M.P.
ON BEHALF OF
HIGH COURT OF M.P.,
JABALPUR



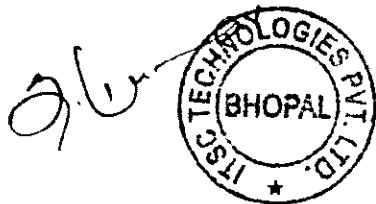
मध्य प्रदेश MADHYA PRADESH

BU 136891

Witness:-

1. Ashish Vishwakarma

2. Tahir Khan



5

S P S A (SA)
HIGH COURT OF M.P.
JABALPUR

**HIGH COURT OF MADHYA PRADESH**

PRINCIPAL SEAT - JABALPUR

No. Reg(IT)(SA)/2023/708

Jabalpur, Dated:-13/05/2023

:: MEMO ::

To,

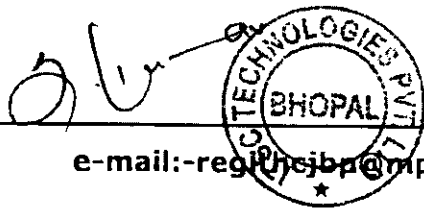
The Managing Director,
M/s ITSC Technologies Pvt. Ltd.
507, B.D.A. Complex, 7 No. Stop
Shivaji Nagar, Bhopal
Bhopal- 462016

Sub: Regarding extension of the rate contract for the LAN work of the High Court and District Courts in the State of Madhya Pradesh for the period of one year from 13.05.2023 to 12.05.2024

Ref:- Proposal no. ITSC/HC/2022-23/144, dated: 20.03.2023 and Contract dated: 13.05.2022.

Under the subject cited and with reference to above, as directed, it is to inform that your proposal regarding to extend the rate contract for the LAN work of the High Court and District Courts in the State of Madhya Pradesh for the period of one year from 13.05.2023 to 12.05.2024 looking to the satisfactory services of your firm has been accepted by the High Court.

Therefore, you are hereby communicated to visit High Court of Madhya Pradesh, Jabalpur to sign the renewal / extension of rate contract regarding LAN work at High Court and District Courts in the State of Madhya Pradesh for the period of one year under the rates, terms and conditions of the contract date: 13.05.2022.



e-mail:-reg@hcbmp.gov.in

Signature
REGISTRAR GENERAL

Ph:-0761-2623358

**HIGH COURT OF MADHYA PRADESH**

PRINCIPAL SEAT – JABALPUR

No. Reg (IT)(SA)/2023/709


Jabalpur, Dated:-13/07/2023

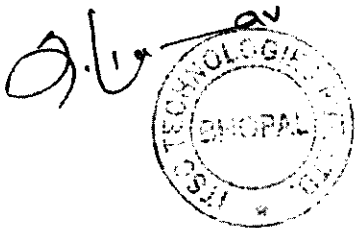
No.Reg (IT)(SA)/2023/

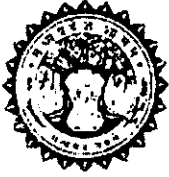
Jabalpur, Dated:

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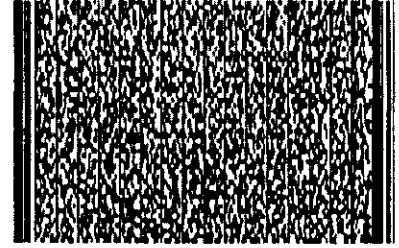
1. The Principal District and Sessions Judges all District and Sessions Courts in the State of Madhya Pradesh for information and necessary action regarding the extension / renewal of the contract for LAN work with the vendor M/s ITSC Technologies Pvt. Ltd.


(F.H. QAZI)
SPSA(SA)
13/05/2023





Registration and Stamp Department
Madhya Pradesh



Certificate of Stamp Duty

E-Stamp Details

E-Stamp Code	01011829042022007967		
Total E-Stamp Amount	500		
Govt. Stamp Duty (Rs.)	500	Municipality Duty (Rs.)	0
Janpad Duty (Rs.)	0	Upkar Amount (Rs.)	0
Exempted Amount(Rs.)	0		
E-Stamp Type	NON-JUDICIAL		
Issue Date & Time	29/04/2022 13:41:44		
Service Provider or Issuer Details	SHIVESH KUMAR DWIVEDI/SP010541704201600255		
SP/SRO/DRO/HO Details	256, BDA COMPLEX, 7 NO. STOP, SHIVAJI NAGAR, BHOPAL HUZUR BHOPAL		
Deed Details			
Deed Type	Agreement or Memorandum of an agreement		
Deed Instrument	If not otherwise provided for- Five hundred rupees.		
Purpose	Agreement		
First Party Details			
Organization Name	High Court of MP		
Address	High Court of MP JABALPUR Madhya Pradesh INDIA		
Number of Persons	1		
Second Party Details			
Organization Name	ITSC Technologies Pvt. Ltd		
Address	507, BDA Complex, 7 No Stop Shivaji nagar, Habibganj, Bhopal BHOPAL Madhya Pradesh INDIA		
Number of Persons	1		

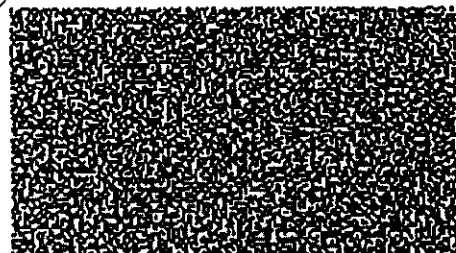
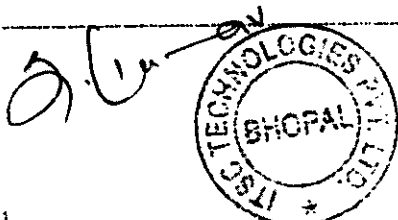
Agreement

Digitally signed by Shivesh
Kumar Dwivedi
Date: 2022.04.29 13:42:47
IST

[Handwritten Signature]
SPSA (SA)
HIGH COURT OF M.P.
JABALPUR



[Handwritten Signature]



RATE CONTRACT**e-Stamp Code:- 01011829042022007967****PREAMBLE:**

This rate contract is made on 13th May, 2022 between the High Court of Madhya Pradesh, herein after referred to as 'High Court' (Which expression shall unless excluded by or repugnant to the context be deemed to include his successor in office or assign) acting through SPSA (SA) / CPC of the one part and M/s ITSC Technologies Pvt. Ltd., 507, B.D.A Complex, 7 No. Stop , Shivaji Nagar, Bhopal - 462016 herein after referred to as 'M/s ITSC Technologies Pvt. Ltd.' (Which expression shall unless excluded by or repugnant to the context be deemed to include his successor in office or assign) acting through **Shri Ramesh Singh, Office Manager, M/s ITSC Technologies Pvt. Ltd., Bhopal** of the other part.

WHEREAS:

HIGH COURT is desirous of entering into a rate contract with M/s ITSC Technologies Pvt. Ltd. for Local Area Networking work at the High Court and Subordinate Courts in the State of Madhya Pradesh for the period of one year from 14th May, 2022 to 13th May, 2023.

Now this agreement witnesses as follows:-

In this agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

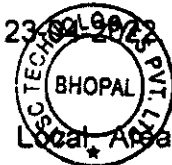
The following documents shall be deemed to form and be read and construed as part of this Agreement viz:-

- The bid forms (Technical and financial) and the Price Schedule submitted by the bidder.
- The entire tender document No. Reg. (IT) (SA)/2021/1718, dated:17-12-2021.
- Clarification No. Reg. (IT) (SA)/2021/80, dated: 14-01-2022.
- The LOA No. Reg. (IT)(SA)/2022/546, dated: 23-01-2022.
- All correspondence done in this regard.

M/s ITSC Technologies Pvt. Ltd. is desirous to do Local Area Networking work at the High Court of Madhya Pradesh and

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Subordinate Courts in the State of Madhya Pradesh on the rates quoted as per "Annexure-A".

1. **Period of Contract:**

The rate contract is valid from for the period of one year from **14th May, 2022 to 13th May, 2023.**

2. **Scope of Work:**

2.1 The place of installation of Local Area Network will be High Court and Subordinate Courts in the State of Madhya Pradesh.

2.2 It will be duty of M/s ITSC Technologies Pvt. Ltd. to have the credentials of the Service Engineers/Technical Persons deputed for installation of Local Area Networking duly verified and certified.

2.3. M/s ITSC Technologies Pvt. Ltd. will provide Network Certified Engineer to ensure proper maintenance and management of manpower and the active passive components deployed for installation of Local Area Network.

2.4 M/s ITSC Technologies Pvt. Ltd. will install Local Area Network by laying the cables of latest CAT-6/ 6A or above specifications.

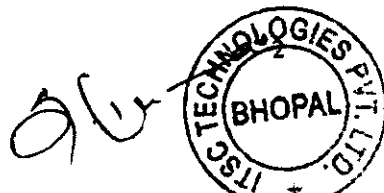
2.5 M/s ITSC Technologies Pvt. Ltd. will install adequate number of switches with uninterrupted power supply equipments and other peripherals necessary to make the Local Area Network functional. The UPS shall be provided by the High Court depending upon the requirement of network.

2.6 M/s ITSC Technologies Pvt. Ltd. will install and provide LAN Nodes for each of the sections as per the requirement. All the Nodes shall be connected to switch by appropriate casing covered cables.

2.7 All the hardware and the material used for installation of Local Area Network should be of good quality and of reputed make and brand. As mentioned in the rate list.



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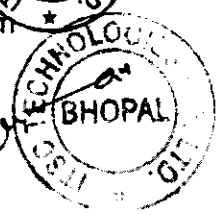
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- 2.8 It will be the responsibility of the M/s ITSC Technologies Pvt. Ltd. to ensure connectivity of every LAN Node with the Central Server installed in the Computer Room of the High Court and Subordinate Courts.
- 2.9. Each Network switch will have sufficient provision of additional LAN Nodes for future requirement.
- 2.10. M/s ITSC Technologies Pvt. Ltd. will ensure that no damage is caused to the Building / Court premises and proper repairs and finishing is to be done after installation of the Network, as approved by the Registrar General, High Court of Madhya Pradesh.
- 2.11 All the supplied LAN components should be with five years onsite warranty and support.
- 2.12 After successful installation of Local Area Networking by M/s ITSC Technologies Pvt. Ltd., the physical damage, physical burning of equipments and theft shall not be covered by ITSC Technologies Pvt. Ltd.

3. **Duties and responsibilities: -**

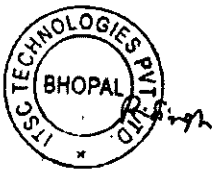
- 3.1 M/s ITSC Technologies Pvt. Ltd. should attend to all the complaints, irrespective of its nature related to LAN work.
- 3.2 M/s ITSC Technologies Pvt. Ltd. should take care of equipments & maintaining the Local Area Networking in perfect working condition.
- 3.3 M/s ITSC Technologies Pvt. Ltd. to attend the complaints without fail within the shortest possible time and in no case shall exceed 2 days down time and rectify the same.
- 3.4 M/s ITSC Technologies Pvt. Ltd. to replace all such parts which are damaged and which cannot be repaired to keep the Local Area Networking in good working condition.
- 3.5 M/s ITSC Technologies Pvt. Ltd. to replace all faulty equipments / active components which are malfunctioned free of cost during the warranty period of 05 years.
- 3.6 M/s ITSC Technologies Pvt. Ltd. to maintain highest order of integrity, moral and social responsibility and decorum of the Courts.


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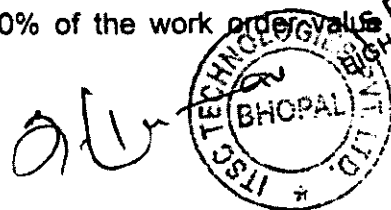
4. Terms and conditions:

- 4.1. M/s ITSC Technologies Pvt. Ltd. shall complete the installation of Local Area Network within two month after the receipt of work order failing which a penalty of Rs. 500/- per day will be imposed for each occasion.
- 4.2. The installation work shall be undertaken only by the Operator(s) duly authorized by the Registrar General in order maintain the security of the High Court and Subordinate Courts in the State of Madhya Pradesh. M/s ITSC Technologies Pvt. Ltd. shall provide list of technical persons in advance with their credentials to the Registrar General for approval.
- 4.3 M/s ITSC Technologies Pvt. Ltd. shall forthwith engage/depute qualified Service Engineers/Operators to install the Local Area Network at the High Court of Madhya Pradesh and Subordinate Courts in the State of Madhya Pradesh as per requirement.
- 4.4 In case of pecuniary loss suffered by any of the users/beneficiaries of the High Court / District Courts attributed to the M/s ITSC Technologies Pvt. Ltd., the Registrar General will have the right to forfeit the Security Deposit and in case the Security Deposit falls short to match the pecuniary loss being insufficient, such balance will be recovered from the payments due M/s ITSC Technologies Pvt. Ltd.
- 4.6 Rates offered in the contract will not be enhanced after signing of the contract. No upward revision will be allowed under any circumstances whatsoever.
- 4.7 Under no circumstances, M/s ITSC Technologies Pvt. Ltd. appoint any **Sub-Contractor** or **Sub-Lease** the contract. If it is found that the M/s ITSC Technologies Pvt. Ltd. has violated these conditions, the contract will be terminated forthwith without any notice, by the authority who has approved the award of the contract.
- 4.8 M/s ITSC Technologies Pvt. Ltd. will be required to furnish security deposit of 10% of the work order value.



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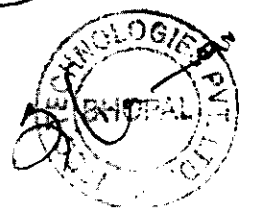
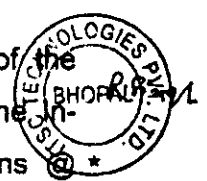
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within 15 days from the date of work order. The security deposit shall be in the form of FDR through any nationalized bank in favour of Registrar General or unconditional Bank Guarantee of any Nationalized/Scheduled Bank of equal amount valid for the period of 05 years. The security deposit money will be refundable only after successful installation of Local Area Network and completion of contract period. The security deposit will be forfeited if during the period of installation the services of M/s ITSC Technologies Pvt. Ltd. are found to be unsatisfactory in any respect.

- 4.9 The Work Order can be terminated by the Registrar General at any point of time without assigning any reason if the work of the M/s ITSC Technologies Pvt. Ltd. is found to be unsatisfactory. In this respect, the decision of the Registrar General will be final and binding on M/s ITSC Technologies Pvt. Ltd.
- 4.10 The bills in triplicate for the LAN work completed on the basis of approved rates will have to be submitted in favour of the "Registrar General, High Court of Madhya Pradesh, Jabalpur / District & Sessions Judge for effecting payment. No advance payment shall be made for the job / work done.
- 4.11 M/s ITSC Technologies Pvt. Ltd. will submit the report of successful installation of Local Area Network, which shall be verified by the Officers / Officials nominated by the Registrar General/District & Sessions Judge or any other Agency deputed by the Registrar General after checking connectivity of every Node with the Server. With regard to successful installation of LAN, the decision of Registrar General shall be final and binding.


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The job carried out shall be to the satisfaction of the Registrar General after getting certification from the in-charge, Computer Section failing which deductions @ 10% of the total bill shall be made. Depending upon the severity of negligence, the Registrar General reserves the



right to blacklist the agency for a suitable period or from further participation in any of the jobs to be done for the High Court of Madhya Pradesh, Jabalpur and District Courts.

4.13 Premature withdrawal of the contract by M/s ITSC Technologies Pvt. Ltd. shall make him liable for forfeiture of the earnest money deposit (EMD).

4.14 The Registrar General reserves the right to review the performance whenever so desires, and also to terminate the Work Order at any point of time during the installation in case the performance and the service rendered by the M/s ITSC Technologies Pvt. Ltd. is found to be unsatisfactory. The decision of the Registrar General shall be binding on the M/s ITSC Technologies Pvt. Ltd. The work order can also be terminated at any point of time, if the work is no more required.

4.15 The Registrar General, High Court of Madhya Pradesh, Jabalpur reserves the right to vary, amend or alter any terms and conditions of the contract.

5. SPECIFICATIONS:-

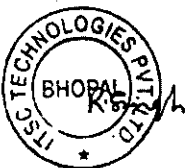
5.1 LAN Switch with wall mount and accessories

The vendor has to provide the latest state of the art material / equipments for the local area networking work at High Court and Subordinate Courts in the State of Madhya Pradesh.

5.2 Structured Cabling:-

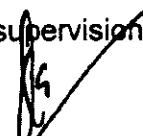
5.2.1 M/s ITSC Technologies Pvt. Ltd. is required to install and commission the structured LAN cabling involving CAT - 6 cables, Surface Mount I/Os, Jack Panel, PVC conduit / casing / capping with accessories, any other required components such as labels, ferrules etc., and all associated civil works in accordance with the following guidelines.

- i. Carrying out of the required surveys prior to installation work is the responsibility of the M/s ITSC Technologies Pvt. Ltd., if deemed necessary.
- ii. The cabling job should be carried out under the supervision of Network Certified Engineers.



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- iii. All the wiring should be fully concealed inside the conduit /casing and no cable (except patch cords) should be visible to the naked eye.
- iv. The cabling shall be properly labeled and ferruled so as to facilitate easy identification and maintenance. The labeling and ferruling should be documented.
- v. All civil work like cutting, casing, drilling, etc. shall be finished to ensure smooth leveled surfaces matching the existing aesthetics of the office to the extent possible.
- vi. All waste material shall be properly disposed off from the premises of High Court of Madhya Pradesh and Subordinate Courts in an environment friendly manner and compliance to applicable civil /municipal guidelines.

5.2.2 Testing, in conformance to measurement procedures and test parameters for CAT 6 / 6A or better installation as defined in TIA/EIA-568-B standards, of each node using a pena scanner. The certified test results are to be submitted to High Court of M.P., Jabalpur in hard copy.

5.2.3 Certification of each site for minimum 15 years performance warranty based on the above test results from the manufacturer of the structured LAN cabling components.

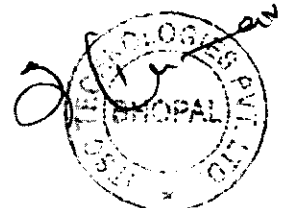
5.2.4 The LAN cabling components and the system (cables, I/Os, Patch Cords and Jack Panel) should have:-

- (i) IEEE 802.3 compliant
- (ii) Conform to the TIA/EIA 568 standard
- (iii) UL listed

5.2.5 The PVC conduit / casing / capping / all accessories and other required components including labels, ferrules, and any other proposed components shall be ISI/ISO certified.

5.2.6 The M/s ITSC Technologies Pvt. Ltd. shall provide the details (technical specifications, dimensions, brochures, model, photo catalogues) and conformance to standards mentioned in the tender document.


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6. M/s ITSC Technologies Pvt. Ltd. has to adopt following guidelines for Cabling & Networking.

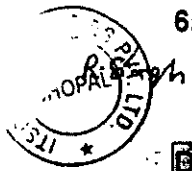
6.1 Twisted Pair cable guidelines:-

CONDITION	APPROXIMATE DISTANCE		
Unshielded power lines or electrical equipment in the proximity to open or non-metal pathways.	5 inches or 12.7 cm	12 inches or 30.5 cm	24 inches or 61 cm
Unshielded power lines or electrical equipment in the proximity to grounded metal conduit pathway.	2.5 inches or 6.4 cm	6 inches or 15.2 cm	12 inches or 30.5 cm
Power lines enclosed in a grounded metal conduit (equivalent shielding) in the proximity to grounded metal conduit pathway.		6 inches or 15.2 cm	12 inches or 30.5 cm
Fluorescent lighting.	12 inches or 30.5 cm		
Transformers & electric motors.	40 inches or 1.02 meter		

6.2 Minimum bending radius for a cable:-

- a. According to EIA/TIA SP-2840A the minimum-bending radius for UTP is 4 x cable outside diameter, about 1 inch. For multi-pair cable the minimum-bending radius is 10 x outside diameter.
- b. For fiber optic cables not in tension, the minimum bend radius is 10 x diameter; cables loaded in tension may not be bent at less than 20 x diameter. SP-2840A states that no fiber optic will be bent on a radius less than 3.0 cm (1.18 inches).
- c. Minimum for pulling during installation is 8 x cable diameter; minimum installed radius is 6 x cable diameter for riser cable, 4 x cable diameter for horizontal cable.

6.3 Do's and Don'ts for the by M/s ITSC Technologies Pvt. Ltd.:-



Do's	Don'ts
Use connecting hardware that is compatible with the installed cable.	Do not use connecting hardware that is of a lower category than the cable being used.

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Terminate each horizontal cable on a dedicated telecommunications outlet.	Do not tap a new line from the middle of another cable (called bridge taps), as it picks up more noise. Do not leave cables un-terminated.
Locate the main cross-connect near the center of the building to limit cable distances.	Do not locate cross-connects where cable distance will exceed the maximum allowed distance.
Maintain the twist of horizontal and backbone cable pairs up to the point of terminations.	Do not leave any wire pairs untwisted (Keep the twist until the closest possible places to the terminations).
Tie and dress horizontal cables neatly and with a minimum bend radius of 4 times the cable diameter.	Do not over-tighten cables ties. Never use staples or make sharp bends with cables.
Place cabling at a sufficient distance from equipment.	Do not place cable near equipment that may generate high levels of EMI (i.e., electricity wire (power line) and fluorescent light).

For running cable the M/s ITSC Technologies Pvt. Ltd. has to follow following rules strictly:-

- A. Always use more cable than you need. Leave plenty of slack.
- B. Test every part of a network as the time of installation. Even if it is brand new, it may have problems that will be difficult to isolate later.
- C. Stay at least 3 feet away from fluorescent light boxes and other sources of electrical interference.
- D. If it is necessary to run cable across the floor, cover the cable with cable protectors.
- E. Label both ends of each cable.
- F. Use cable ties (not tape) to keep cables in the same location together.

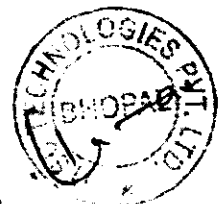
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The conduit or casing should not be filled completely with the cables. There should be room for future expansion.



6.4 UTP Cabling Installation:-

- 6.4.1 To avoid stretching, pulling tension should not exceed 110N or (25 lb f) for 4-pair cables.
- 6.4.2 Installed bend radii shall not exceed: - 4 times the cable diameter for horizontal UTP cables. -10 times



the cable diameter for multi-pair backbone UTP cables.

- 6.4.3 Avoid cable stress, as caused by:- cable twist during pulling or installation – tension in suspended cable runs – tightly clinched cable ties or staples – tight bend radii.
- 6.4.4 Horizontal cables should be used with connecting hardware and patch cords (or jumpers) of the same performance category or higher.
- 6.4.5 Important Note: Installed UTP cabling shall be classified by the least performing component in the link.

6.5 General Guidelines to M/s ITSC Technologies Pvt. Ltd. for Networking:-

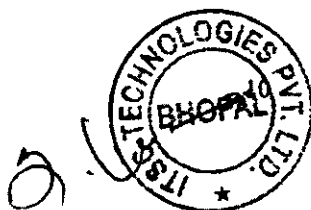
- 6.5.1 Tagging each network terminal for easy identification by using Numeric Tags.
- 6.5.2 Unique tag code for uplink so that it is easily identified e.g. Numeric Tag 00.
- 6.5.3 Proper Termination of Fiber Optics Cable if any use or to be used.
- 6.5.4 Stands for switches should be provided so that the switch is rack mountable.
- 6.5.5 Port of the Patch Panel should be numbered so that the node can be tracked with Numeric Tag.
- 6.5.6 I/O port should be provided and numbered accordingly in proper sequence.

6.6 Documentation to be submitted by M/s ITSC Technologies Pvt. Ltd., Bhopal along with the bill:-

- 6.6.1 Details Descriptive documentation of the Structural Cabling.
- 6.6.2 Test Report of the Network Cable with a comparison of test parameter with the specification parameter and variation.
- 6.6.3 Evaluation Report of the Built IT Infrastructure.



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- 6.6.4 Drawings showing the location of cable runs, (preferably with individual cable lengths marked for any legacy thin Ethernet runs).
- 6.6.5 Size and occupancy of any existing cable ducts or conduits, which are available for use when expanding the network.
- 6.6.6 Details of the capacity and type of cabling and connectors used.
- 6.6.7 Details of type of connectors or sockets at either end of each cable.
- 6.6.8 Records of the designation and location of outlets.
- 6.6.9 Any certification carried out on the cabling (e.g. Cat 6 / 6A or better, test results).
- 6.6.10 Diagrams showing the relationships of various workstations, file servers, printers and other devices on the network to one another.
- 6.6.11 Complete Diagrams showing the network connectivity between various components of LAN.
Complete Diagrams showing the relationships of various workstations, file servers, printers and other devices on the network to one another.
- 6.6.12 Records of software licenses and versions of software installed.
- 6.6.13 Configurations of Network Interface Cards in workstations/ Computer systems.
- 6.6.14 Pent scan report of local area networking work at High Court and Subordinate Courts.

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Site Certification of the Infrastructure:-

- 6.7.1 Site Certification is provided by the manufacturer against infrastructure build by the System Integrator using the standards.
- 6.7.2 Standards are typical methods that been have tested by the manufacturer according to the BISCI Standard for its quality performance.



- 6.7.3 The part products used in Structured cabling all should be of one manufacturer of certain specification throughout to have minimum tolerance.
- 6.7.4 Cable Selection should be such considering all future aspects.
- 6.7.5 Cable Selected should be used with appropriate connectors.
- 6.7.6 All cables should be concealed according to Pathways and Spaces Standards.
- 6.7.7 Test reports with the details of the loss of signal in terms of crosstalk and due to other factors affecting it.

In Structured Cabling (UTP), there are two tests

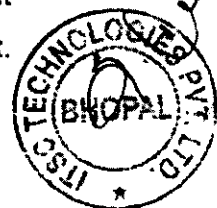
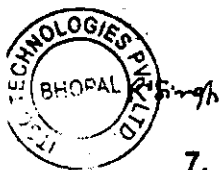
- **Permanent/ Basic Link** – Link between Patch Panel and information Outlet. This cable is called as horizontal cable.
 - ✓ To pass this test following are requirement
 - ❖ Length of the horizontal cable should be less than/max.90meters
 - ❖ Proper punching of the Patch Panel and information Outlet as per standard EIA/TIA568B
- **Channel Link** – Links between Patch Cord and Equipment Cord
 - ✓ To pass this test follow the following
 - ❖ Check and test the basic link first. If it is pass than only you can perform a Channel test
 - ❖ It is not recommended to use hand-crimped patch cord as factory patch cords are tested for standards by manufacturer accordingly.
 - ❖ If use a hand crimped patch cord than your Channel Link Test will fail and Site Certification would not be possible in such case.

7. This contract can be terminated by the Registrar General High Court of Madhya Pradesh, Jabalpur at any time without assigning any reason if the work of M/s ITSC Technologies Pvt.

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Ltd. is found to be unsatisfactory. In this respect, the decision of the Registrar General, High Court of Madhya Pradesh, Jabalpur will be final and binding on the M/s ITSC Technologies Pvt. Ltd. The Registrar General, High Court of Madhya Pradesh, Jabalpur reserves the right to accept or reject any condition of the contract in whole or in part without assigning any reasons thereof.

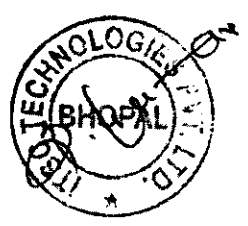
- 8. The bills in triplicate for the services performed on the basis of rates will have to be submitted in favour of the "Registrar General, High Court of Madhya Pradesh, Jabalpur" / "District and Sessions Judge, Jabalpur" for effecting payment along with all required document and test results as mentioned in the contract . No advance payment shall be made for the services.
- 9. The job carried out be to the satisfaction of the Registrar General, High Court of Madhya Pradesh, Jabalpur after getting report / installation from the concerned District Registrar or the Officer nominated by the District and Session Judge, failing which deductions @ 10% of the total bill shall be made. Depending upon the severity of negligence, the Registrar General, High Court of Madhya Pradesh reserves the right to blacklist M/s ITSC Technologies Pvt. Ltd. for a suitable period or from further participation in any of the jobs to be done for the High Court of Madhya Pradesh, Jabalpur. The decision of the Registrar General of the High Court of Madhya Pradesh shall be final and binding on M/s ITSC Technologies Pvt. Ltd.

10. **ARBITRATION CLAUSE:-**

In case of any dispute following arbitration clause will apply:-
 Any question, dispute or difference arising under the contract, shall be referred to the sole arbitrator to be appointed by Hon'ble The Chief Justice of High Court of M.P., Jabalpur. The award of the arbitrator shall be final and binding on both the parties to the contract. The place of arbitration shall be the High Court of Madhya Pradesh, Principal seat at Jabalpur.

The arbitrator shall be entitled to extend the time of arbitration and award by consent of the parties, from time to time. The expense of arbitration will be discretion of the arbitrator. Subject


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to the aforesaid, the Arbitration act 1996 and the rules there under, any statutory modification thereof for the time being in force shall be deemed to apply to the arbitration proceedings under this contract.

11. FORCE MAJEURE:-

11.1 Neither party shall be responsible to the other for any delay or failure in performance of its obligations due to any occurrence commonly known as Force Majeure which is beyond the control of any of the parties, including, but without limited to, fire, flood, explosion, Acts of God or any governmental body, public disorder, riots, embargoes, or strikes, acts of military authority, epidemics, strikes, lockouts or other labour disputes, insurrections, civil commotion, war, enemy actions.

11.2 If a Force Majeure arises, M/s ITSC Technologies Pvt. Ltd. shall promptly notify the Registrar General, High Court of Madhya Pradesh in writing of such condition and the cause thereof. Unless otherwise directed by the Registrar General, High Court of Madhya Pradesh M/s ITSC Technologies Pvt. Ltd. shall continue to perform his obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event. M/s ITSC Technologies Pvt. Ltd. shall be excused from performance of his obligations in whole or part as long as such causes, circumstances or events shall continue to prevent or delay such performance.



Signature of the bidder

[Handwritten signature]

**Shri Ramesh Singh
Office Manager,
M/s ITSC Technologies Pvt. Ltd., Bhopal**

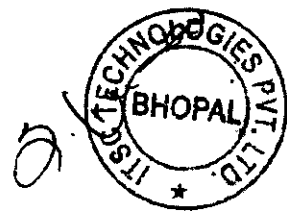
Name: *Ramesh Singh*

Capacity in which signed: *office manager*

Date: *13/05/2022*

- 1. *Asif Khan*
- 2. *Hatshat Ben*

[Handwritten signature]
**SPSA (SA)
HIGH COURT OF M.P.
SPSA(SA) JABALPUR
ON BEHALF OF HIGH
COURT OF M.P.,
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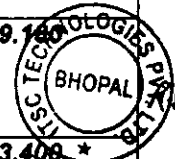


"Annexure-A"

PART-A

		M/S ITSC TECHNOLOGIES PVT LTD.	
Sl. No.	Item Description / OEM Make/Part No.	Make/brand	Total Unit Price in rupees (all inclusive)
1	UTP CAT 6 cable (Box of 305 m) D-link/ Legrand /Molex or equivalent brand of repute	DIGISOL DGC- SC6U4F- 3GB	8877.140
2	24 port Patch Panel CAT 6 (each) D-link/ Legrand/ Molex or equivalent brand of repute	DIGISOL DGC- PP6U2L-1A	2537.000
3	Information Outlet CAT 6 (faceplate +keystonejack+ gangbox (each complete set) D-link/ Legrand/Molex or equivalent brand of repute		
4	1-port D-link/ Legrand/ Molex or equivalent brand of repute	DIGISOL DGC- FPXSMSX-B +DGC- KS6UWH- CD+DGC- SBXXXXX-A	211.220
5	2-port D-link/ Legrand/ Molex or equivalent brand of repute	DIGISOL DGC- FPXDMSX- BDGC- KS6UWH- CD+DGC- SBXXXXX-A	141.600
6	4-port D-link/ Legrand/ Molex or equivalent brand of repute	DIGISOL DGC- FPXQMSX- BDGC- KS6UWH- CD+DGC- SBXXXXX-A	153.400
7	Patch Cords CAT 6 (each) At least in 2 colour as per order) D-link/Legrand/Molex or equivalent brand of repute		
8	1 Meter D-link/Legrand/ Molex or equivalent brand of repute	DIGISOL DGC- PC6UMGY- 1L	119.140
9	2 Meter D-link/Legrand/ Molex or equivalent brand of repute	DIGISOL DGC- PC6UMGY- 2L	153.400 *
	FIBER COMPONENTS- Fiber Optic indoor/outdoor tight buffered cable single mode (SM) (Per Meter) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute		

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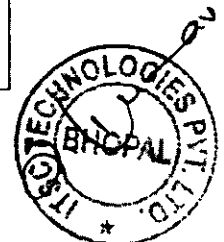


11	6 core 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	DIGISOL DGF- CAS2OUSH- 06	37.760
12	12 core 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	DIGISOL DGF- CAS2OUSH- 12	38.940
13	Fiber Optic outdoor armoured cable single mode (SM) (Per Meter) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute		
14	6 core 3M/ finolex /Fujitsu/ D- link/Legrand/ Molex or equivalent brand of repute	DIGISOL DGF- CAS2OUSH- 06	36.580
15	12 core 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	DIGISOL DGF- CAS2OUSH- 12	37.760
16	Optical Fiber Connector SC Type, Epoxyless (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute		
17	SM 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	DIGISOL DGF- ASMSSC-P	192.340
18	Optical Fiber Connectors LC Type, Epoxyless (each) 3M/ finolex /Fujitsu/ D- link/Legrand/Molex or equivalent brand of repute		
19	SM 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	DIGISOL DGF- ASMDLC-P	188.800
20	Optical Fiber pigtail SC Type, 1 meter (each) 3M/ finolex /Fujitsu/ D- link/Legrand/Molex or equivalent brand of repute		
21	SM 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	DIGISOL DGF- TS2SSCP-1L	147.500
22	Optical Fiber pigtail LC Type, 1 meter (each) 3M/ finolex /Fujitsu/ D- link/Legrand/Molex or equivalent brand of repute		
23	SM 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	DIGISOL DGF- TS2SLCP-1L	147.500
24	Optical Fiber Patch Cord, MM SC to SC (each) 3M/ finolex /Fujitsu/ D- link/Legrand/Molex or equivalent brand of repute		
25	3 meters 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	DIGISOL DGF- PM2DSCSC P3L	604.160



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26	Optical Fiber Patch Cord, MM, SC to LC (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute		
27	3 meters 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	DIGISOL DGF- PM2DLCSCP 3L	604.160
28	Optical Fiber Patch Cord, SM, SC to LC (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute.		
29	3 meters 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	DIGISOL DGF- PS2DLCSCP 3L	1069.080
30	Optical Fiber Patch Cord, SM, SC to SC (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute.		
31	3 meters 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	DIGISOL DGF- PS2DSCSCP 3L	368.160
32	Optical Fiber Patch Cord, SM, LC to LC (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute.		
33	3 meters 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	DIGISOL DGF- PS2DLCLCP 3L	604.160
34	Optical Fiber Patch Cord, MM, OM-3+SC to LC (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute		
35	3 meters 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	DIGISOL DGF- PM3DLCSCP 3L	604.160
36	LIU, 24 fiber, Wall mount enclosure, lockable & fitted with SC/LC couplers & all accessories (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute		
37	LIU WITH SC MM COUPLER 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex	DIGISOL DGF- LMMSLSCP- 2D-24	162.840
38	LIU WITH SC SM COUPLER 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	DIGISOL DGF- LSMSLSCP- 2D-24	219.480
39	LIU WITH LC MM COUPLER 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	DIGISOL DGF- LMMDLLCP- 2D-24	189.980
	LIU WITH LC SM COUPLER 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	DIGISOL DGF- LSMDLLCP- 2D-24	6507.700

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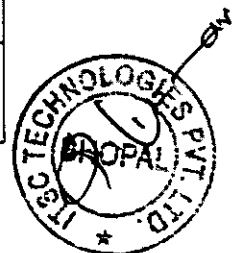


41	LIU, 12 fiber, 1U/ 2U drawer style 19 " Rack mount enclosure & fitted with SC/LC couplers & all accessories (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute		
42	LIU WITH SC MM COUPLER 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	DIGISOL DGF- LMMSLSCP- 2D-12	1628.400
43	LIU WITH SC SM COUPLER 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	DIGISOL DGF- LSMSLSCP- 2D-12	3315.800
44	LIU WITH LC MM COUPLER 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	DIGISOL DGF- LMDLLCP- 2D-12	1534.000
45	LIU WITH LC SM COUPLER 3M/ finolex /Fujitsu/ D-link/Legrand/ Molex or equivalent brand of repute	DIGISOL DGF- LSMDLLCP- 2D-12	5787.900
46	Installation & Termination, Documentation & Site Certification of UTP and Fiber Cabling		
47	In-building laying of UTP CAT 6A / CAT 6 Cable (Per Meter) As per actual	SERVICE	29.500
48	Installation & Termination or Information outlets (including termination of CAT 6/ CAT 6A Cable on I/O) As per actual	SERVICE	59.000
49	Installation & Termination of UTP Cables on Patch Panel CAT 6/ CAT 6A with wire manager As per actual	SERVICE	59.000
50	Performance testing of the laid UTP CAT 6/ CAT 6 A (Penta Scanner reports & documentation) (Per Node) As per actual	SERVICE	202.960
51	Site Certification for UTP CAT6/CAT 6A & Fiber cabling with 15 years Performance warranty (Per site) As per actual.		
52	Site up to 100 Nodes (Per site) As per actual	SERVICE	3717.000
53	Site up to 500 Nodes (Per site) As per actual	SERVICE	2360.000
54	Supply & fixing of ISI/ISO marked PVC duct of Size (Per Meter) ISI / ISO (OEM)		
55	15 x 15 mm ISI / ISO (OEM)	ISI/ISO (OEM)	35.400

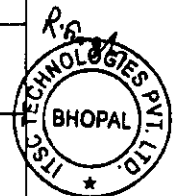


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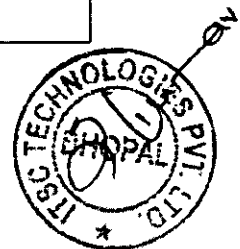


56	30 x 25 mm ISI / ISO (OEM)	ISI/ISO (OEM)	82.600
57	40 x 25 mm ISI / ISO (OEM)	ISI/ISO (OEM)	177.000
58	Supply and fixing of PVC Conduit of OD Size (Per Meter) ISI / ISO (OEM)		
59	20 mm ISI / ISO (OEM)	ISI/ISO (OEM)	17.700
60	32 mm ISI / ISO (OEM)	ISI/ISO (OEM)	47.200
61	40 mm ISI / ISO (OEM)	ISI/ISO (OEM)	88.500
62	Removal of Old UTP/ Fiber / coaxial RS 232/telephone cables (per Meter)		16.520
63	In building laying of fiber in duct/ conduit (per meter)	SERVICE	29.500
64	Outdoor laying of fiber cable (per Meter)		
65	Excavation and resurfacing of the Soft soil (depth 1 meter)	SERVICE	206.500
66	Excavation and resurfacing of the concreter (depth 1 meter)	SERVICE	295.000
67	Overhead or through pole	SERVICE	29.500
68	Supply and Installation / Fixing of 2" (Inches) diameter HDPE PVC Jacket Underground or on surface (Per Meter) Reputed Make	SERVICE	389.400
69	SC/LC connector termination on fiber optic cable	SERVICE	202.960
70	Fusion/ Mechanical splicing	SERVICE	295.000
71	Supply and installation of buffer tubing kit	SERVICE	129.800
72	Performance testing of laid fiber Optic cable for continuity length & DB loss as per EIA/TIA - 455- 60 document for FO test procedures & documentation of the results.	SERVICE	135.700
73	19" equipment mounting Racks		



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74	19" Rack, wall Mount 500 mm Depth or higher, 9 U Height, (lockable) with all accessories (At least 2 cooling fan, 1 cable manager, 15A 6port spike guard) Rittal/D-link, Valrack or equivalent brand of repute	NetRack	4720.000
75	19" Rack, wall Mount 500 mm depth, 12 U Height, (lockable) with all accessories Rittal/D-link, Valrack or equivalent brand of repute	NetRack	6851.080
76	19" Rack, Floor Mount /Wall Mount 800 mm depth, 24 U Height, (lockable) with all accessories (At least 2 cooling fan, 1 cable manager, 15A 6 port spike guard) Rittal/D-link, Valrack or equivalent brand of repute	NetRack	20650.000
77	19" Rack, Wall Mount / Floor Mount 1000 mm depth, 32 U Height, (lockable) with all accessories (At least 2 cooling fan, 1 cable manager, 15A 6port spike guard) Rittal/D-link, Valrack or equivalent brand of repute	NetRack	29500.000
78	19" Rack, Wall Mount / Floor Mount 1000 mm depth, 42 U Height, (lockable) with all accessories (At least 2 cooling fan, 1 cable manager, 15A 6port spike guard) Rittal/D-link, Valrack or equivalent brand of repute	NetRack	45642.400
79	LAN Survey & Document Preparation Per node/ actual basis.		
80	for up to 100 network nodes, per node		70.800
81	for up to 500 network nodes, per node		44.840
82	8 port Network Switches (manageable) Specification- "A". CISCO / Dell / HP / Juniper	CISCO WS-C2960CX-8TC-L	39530.000
83	12 port Aggregation Switch Specification- "B". CISCO / Dell / HP / Juniper	CISCO C9500-16X-A	840655.600
84	24 port Aggregation Switch Specification- "C". CISCO / Dell / HP / Juniper	CISCO C9300X-24Y-A	1018517.000

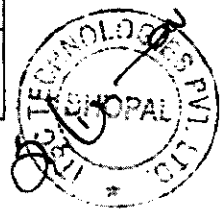
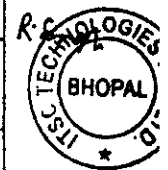


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85	24 port Ethernet managed enterprise series switch with all accessories and Power over Ethernet (PoE) Specification- "D". CISCO / Dell / HP / Juniper	CISCO C9200L-24P-4X-E	139830.000
86	24 port Ethernet managed enterprise series switch with all accessories. (Specification- "E"). CISCO / Dell / HP / Juniper	CISCO C9200L-24T-4X-E	111875.800
87	24 port Ethernet managed enterprise series switch with all accessories. (Specification- "F"). CISCO / Dell / HP / Juniper	CISCO C9200L-24T-4G-E	115404.000
88	24 port Ethernet managed enterprise series switch with all accessories. (Specification- "G"). CISCO / Dell / HP / Juniper	CISCO C9200L-24P-4G-E	99710.000
89	Dual Band Mesh WiFi router, minimum 1 number of Gigabit Ethernet port, 802.1ax Dual Band Mesh WiFi access point, 4x4:4 MiMo, should be expandable with smart roaming feature D-link/ CISCO / Netgear/Linksys/Dell / HP / Juniper	CISCO C9115AXI-D	31675.920
90	*SFP modules of SM Should support both SM and MM fiber at minimum 1 GBPS. Should be same OEM as item no. 34 to 39 D-link/ CISCO / Netgear/Linksys/Dell / HP / Juniper	CISCO GLC-LH-SMD=	8850.000
91	Media convertor SM (Should support 10/100/1000 Ethernet to 10/100/1000 fiber Onsite support) Reputed make	Airpro	3540.000
92	Media convertor MM (Should support 10/100/1000 Ethernet to 10/100/1000 fiber Onsite support). Reputed make	Airpro	3540.000
93	Stacking module with stacking cable. Should be same OEM as item no. 34 to 39	cisco C9200L-STACK-KIT=	17700.000
94	10G SFP module (should support single or multi mode) should be same OEM as item no. 34 to 39	ciscoSFP-10G-LR-S=	12696.800
95	40G SFP module (single mode) should be same OEM as item no. 34 to 39	SFP-10G-LR-S=	41300.000
	40G SFP module (single mode) should be same OEM as item no. 34 to 39	ciscoSFP-10G-SR-S=	41300.000

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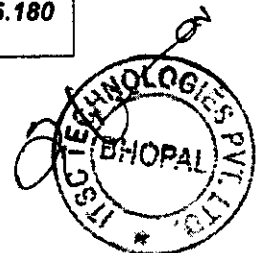


97	UTP CAT 6A cable (Box of 305 m) cable (Box of 305 m) D-link/ Legrand/Molex or equivalent brand of repute	DIGISOL DGC- SC6U4F- 3GB	11800.000
98	Patch Cords CAT 6A (each) at least in 2 colour as per order) D-link/ Legrand /Molex or equivalent brand of repute		
99	3 Meter D-link/Legrand/Molex or equivalent brand of repute	DIGISOL DGC- PCAUMGY- 3L	283.200
100	7 Meter D-link/Legrand/Molex or equivalent brand of repute	DIGISOL DGC- PCAUMGY- 7L	625.400
101	10 Meter D-link/Legrand/Molex or equivalent brand of repute	DIGISOL DGC- PCAUMGY- AL	719.800
102	CAT 6 ½ Mtr Patch Cord D-link/Legrand/ Molex or equivalent brand of repute		141.600
103	1 Mtr OFC Patch Cord LC to SC SM		743.400
104	1 Mtr OFC Patch Cord SC to SC SM		743.400
105	1 Mtr OFC Patch Cord LC to LC SM		743.400
106	1 G Copper SFP Module (should be same OEM as item no. 34 to 39 of the tender document)	CISCO GLC- TE=	9389.260
107	10 G Copper SFP Module (should be same OEM as item no. 34 to 39 of the tender document)	CISCO SFP- 10G-T-X=	12696.800
108	8 port PoE Network Switches(manageable) Make: CISCO /Dell / HP /Juniper Item Description:- 8 port PoE Gigabit Ethernet Ports, minimum 250 VLAN support. Support Entries In The MAC Table 8000 ; Minimum Switching Capacity 8 Gbps ; Minimum Forwarding capacity; 1.4 Mbps ; Should have QoS, Loop detection, Jumbo frame(9216),feature ; Operative temperature 0 to 40 degree C ; Should be under suitable housing as per certified organization; Onsite warranty	CISCO C1000-8FP- 2G-L	47008.840
Total In Figures			2763325.180



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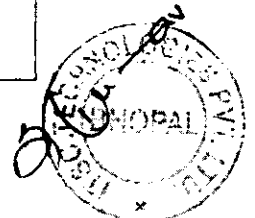
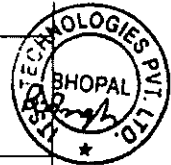
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PART-B

		M/S ITSC TECHNOLOGIES PVT LTD.	
Sl. No.	Item Description/OEM Make/Part No.	Proposed make/brand quote by the bidder	Total Unit Price in rupees (all inclusive)
1	Patch Cords CAT 6 (each) At least in 2 colour as per order/requirement)		
2	5 Meter D-link/Legrand/Molex or equivalent brand of repute	DIGISOL DGC- PC6UMGY- 5L	352.820
3	Optical Fiber Connector SC Type, Epoxyless (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute		
4	MM 3M/ finolex/Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute	DIGISOL DGF- AMMSSC-P	120.360
5	Optical Fiber Connectors LC Type, Epoxyless (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute		
6	MM 3M/ finolex/Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute	DIGISOLDG F-AMMSLC- P	120.360
7	Optical Fiber pigtail SC Type, 1 meter (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute		
8	MM 3M/ finolex/Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute	DIGISOL DGF- TM2SSCP- 2L	155.760
9	Optical Fiber pigtail LC Type, 1 meter (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute		
10	MM 3M/ finolex/Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute	DIGISOL DGF- TM2SLCP- 2L	162.840
11	Optical Fiber Patch Cord, MM SC to SC (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute		
12	10 meters 3M/ finolex/Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute	DIGISOL DGF- PM2DSCSC PAL	1486.800

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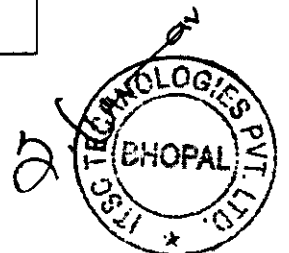
13	20 meters 3M/ finolex/Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute	DIGISOL DGF- PM2DSCSC PCL	1699.200
14	Optical Fiber Patch Cord, SM, SC to MTRJ (each) MTRJ Is required for old networks (at the time of maintenance work as per tender). 3M/ finolex/Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute		
15	3 meters 3M/ finolex/Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute	DIGISOL DGF- PM2DMTRJ P3L	1699.200
16	10 meters 3M/ finolex/Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute	DIGISOL DGF- PM2DMTRJ P10L	1982.400
17	20 meters 3M/ finolex/Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute	DIGISOL DGF- PM2DMTRJ P20L	2265.600
18	Optical Fiber Patch Cord, MM, SC to LC (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute		
19	10 meters	DIGISOL DGF- PS2DLCSC PAL	1472.640
20	20 meters	DIGISOL DGF- PM2DLCSC PCL	2180.640
21	Optical Fiber Patch Cord, SM, SC to LC (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute		
22	10 meters 3M/ finolex/Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute	DIGISOL DGF- PS2DLCSC PCL	1416.000
23	20 meters 3M/ finolex/Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute	DIGISOL DGF- PS2DLCSC PCL	2067.360
24	Optical Fiber Patch Cord, SM, SC to SC (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute		
25	10 meters 3M/ finolex/Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute	DIGISOL DGF- PS2DSCSC PAL	1416.000



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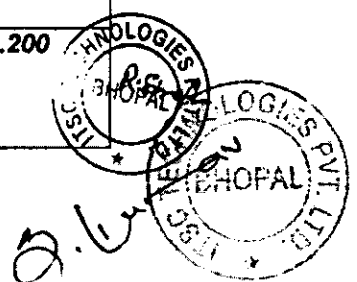
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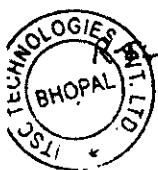


26	20 meters 3M/ finolex/Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute	DIGISOL DGF- PS2DSCSC PCL	2067.360
27	Optical Fiber Patch Cord, SM, LC to LC (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute		
28	10 meters 3M/ finolex/Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute	DIGISOL DGF- PS2DLCLC PAL	1550.520
29	20 meters 3M/ finolex/Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute	DIGISOL DGF- PS2DLCLC PCL	2208.960
30	Optical Fiber Patch Cord, MM, OM-3+SC to LC (each) 3M/ finolex /Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute		
31	10 meters 3M/ finolex/Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute	DGF- PM3DLCSC PAL	1472.640
32	20 meters 3M/ finolex/Fujitsu/ D-link/Legrand/Molex or equivalent brand of repute	DGF- PM3DLCSC PCL	2336.400
33	Site Certification for UTP CAT6/CAT 6A & Fiber cabling with 15 years Performance warranty (Per site) as per actual		
34	Site up to 1000 Nodes(Per site) As per actual	SERVICE	7500.000
35	Supply & Fixing of Metal MS Cable Tray/ raceway with covers for mounting on ceiling / floor/ wall, with all connecting fittings and sections for hanging, T-Cross, L, Vertical routing/branching of cables etc, size as follows with required fitting kit & accessories for above (per running meter) as per actual		
36	50 mm Height x 100 mm width Thickness 1.6mm Reputed Make	SERVICE	885.000
37	50 mm Height x 200 mm width Thickness 1.6mm Reputed Make	SERVICE	1274.400
38	100 mm Height x 300 mm width Thickness 1.6mm Reputed Make	SERVICE	1699.200

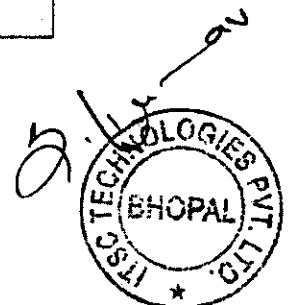
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39	Supply & Fixing of High Grade PVC cable tray/ race way with covers for mounting on ceiling / floor/ wall, with all connecting fittings & sections for hanging, T, Cross, L, vertical up/down routing. Branching of cables etc, size as follows with required fitting kit accessories for above (per running meter)		
40	50 mm Height x 150 mm width Thickness 2.5 mm to 3 mm Reputed Make	SERVICE	849.600
41	100 mm Height x 100 mm width 2.5 mm to 3 mm Reputed Make	SERVICE	1203.600
42	100 mm Height x 300 mm width 2.5 mm to 3 mm Reputed Make	SERVICE	1699.200
43	Supply and Installation / Fixing of GI Pipe underground and on surface		
44	1 inch diameter Reputed Make	SERVICE	547.992
45	1.5 inch diameter Reputed Make	SERVICE	618.792
46	Supply and Installation/ Fixing of 4 Inch HUME pipe underground (Per Meter) Reputed Make	SERVICE	3964.800
47	Fiber optics cable route marker (Proper marking should be there in the form of pipe as per the directions of the High Court.) Reputed Make	SERVICE	708.000
48	Cable pulling pit made of reinforced concrete and brick walls with removable covers Reputed Make	SERVICE	4956.000
49	LAN Survey & Document Preparation		
50	for up to 1000 network nodes, per node	SERVICE	42.480
51	for more than 1000 network nodes, per node	SERVICE	32.568
52	Blower (D-link / Eureka Forbes or reputed brand)	OEM	4956.000
53	Four pair wire LAN Crimping Tool D-link / Krone or reputed brand	OEM	2336.400



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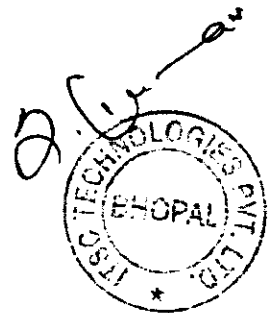


54	LAN Punching Tool D-link / Krone or repute brand	OEM	2336.400
55	LAN Tester D-link / Krone or repute brand	OEM	1805.400
Total in Figures			65649.692

Total A = Rounded to Rs.27,63,325/- (INR Twenty Seven Lakh Sixty Three Thousand Three Hundred Twenty Five) (all inclusive).

Total B = Rounded to Rs.65,649/- (INR Sixty Five Thousand Six Hundred Forty Nine Only) (all inclusive)

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