

## QUOTATION

Quotation no: GHD 304

Date 07/11/2022

**To,  
GHD ANGHAAN**

Dear Sir,  
Kindly check the quotation as per your requirement.

BILL OF QUANTITIES FOR ELV SERVICES FOR GHD ANGHAAN					
IT SERVICES					
Sr.No	Particulars	Unit	QTY	Rate Rs	Amount Rs
1	Supply,Installation, Testing and Commissioning Ceiling Mount Wireless Dual Band Access Point, Gigabit Ethernet PoE Port ( 802.3af/at PoE) ,Antennas : 3 Internal Omni,2.4 GHz: 4 dBi, 5 GHz: 5 dB' MU - MIMO, Mounting Kit, Seamless Roaming, Signal rate : 5 GHz:Up to 867 Mbps, 2.4 GHz:Up to 450 Mbps, Transmission power : ≤20 dBm(2.4 GHz, EIRP), ≤23 dBm(5 GHz, EIRP)	EACH	12	39,940	479,280
2	Supply,Installation, Testing and CommissioningIn Wall Dual Bank Access Point, PoE Gigabit LAN Port, 1 Non PoE Gigabit LAN Port, 802.3af/802.3at PoE, 2 Dual-Band Antennas, 2.4 GHz: 2× 4 dBi, 5 GHz: 2× 3.6 dB, Signal Rate : 5 GHz: Up to 867 Mbps, 2.4 GHz: Up to 300 Mbps, IEEE 802.11n/g/b/ac; MU-MIMO, Transmission Power : ≤20 dBm (2.4 GHz, ` ≤23 dBm (5 GHz, EIRP)	EACH	230	18,900	4,347,000
3	Supply,Installation, Testing and Commissioning24 Port Unmanaged Ethernet Gigabit PoE Switch, 2 Uplink ports, 2 SFP ports, 450 Watts power budget, Upto 30W loading on port, Rack Mountable	EACH	2	148,500	297,000
4	Supply,Installation, Testing and Commissioning 16 port Unmanaged Ethernet Gigabit PoE Switch, 2 Uplink ports, 2 SFP ports, 350 Watts power budget, upto 30 watts loading on port, Rack Mountable	EACH	2	99,000	198,000
5	Supply,Installation, Testing and CommissioningUTM Firewall with builtin Hotspot gateway, Interfacing with popular PMS to generate WiFi password for guest when guest checks in, Captive portal with SMS integration, One year subscription make: SOPHOS firewall 4000 users.	EACH	2	1,440,000	2,880,000
6	Supply,Installation, Testing and Commissioning24 Port Unmanaged Ethernet Gigabit Switch ( Server Room), Rack mountable	EACH	2	8,000	16,000
7	Supply,Installation, Testing and Commissioning 8 Port desktop Gigabit Ethernet Switch	EACH	2	1,650	3,300

GSTIN :30BBPPP8605M1Z7  
114 Gera Imperium Green  
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8	42U Networking Rack for server room, 4 nos.cable managers, 12 socket power manager, 2 nos cooling fans, castors mounted, all four sides openable, powder coated, Floor mount	EACH	1	29,500	29,500
9	Supplying and fixing 9U wall mount rack (Dimension-DxWxH – 450x550x500 mm) as per specification (9 U Wall mount Networking Rack, 2 nos cable managers, 6 socket power manager, 1 no cooling fan, powder coated)	EACH	15	3,950	59,250
<b>TOTAL</b>					<b>8,309,330</b>

<b>CCTV SYSTEM</b>					
<b>Sr.No</b>	<b>Particulars</b>	<b>Unit</b>	<b>QTY</b>	<b>Rate Rs</b>	<b>Amount Rs</b>
1	Supplying & installing single mode OS1/OS2 - armoured - 12 core OS1/OS2 armoured single mode optical fibre of size 50/125µm. 10/40 gbps speed in provided underground HDPE pipe complete.	METER	2000	150	300000
2	Supplying & installing single mode fibre patch cord 3 m complete	EACH	30	1800	54000
3	Supplying & installing single mode fibre adapter with plate - 6 port complete.	EACH	16	660	10560
4	Supplying and fixing rack type 24 ports, light guide interconnect unit with adapter panel for termination of optical fibre cables on wall/ provided U rack complete as per specification	EACH	16	6600	105600
5	Supplying & installing single mode simplex pigtail complete	EACH	85	250	21250
6	Supplying and fixing 24 port patch panel with tool-less keystone jacks in provided U Rack complete as per specification	EACH	16	6600	105600
7	Supplying and fixing 9U IP66 outdoor mount server rack with pole mount bracket (Dimension- DxW - 450X550 mm) as per specification erickson	EACH	2	18000	36000
8	Supplying & installing UTP networking cat-6 armoured cable suitable for LAN / WAN Computer net-working as per specification	METER	800	195	156000
9	Supplying and fixing IP66 enclosure for fibre splicing as per specification complete.	EACH	6	2500	15000
10	Supplying and fixing 1 meter length, UTP patch cord of Cat 6 type in position as per specification	EACH	350	150	52500
11	Supplying and fixing 3 meter length, UTP patch cord of Cat 6 type in position as per specification	EACH	30	175	5250
12	Supplying, fixing, and configuring media convertor 1000Base T to 1000 base-SX SC single-mode media converter (550m) complete.	EACH	15	9900	148500
13	Supplying and erecting of Pro series IP Dome / Bullet Camera , 4MP 3.6mm Make: CP Plus / Dahua	EACH	55	6600	363000
14	Supplying and erecting Pro series NVR 32 Channel with 4 SATA Make : CP Plus /Dahua	EACH	2	48900	97800
15	Supplying and erecting of Surveillance Hard dick 6 TB Make : Seagate	EACH	4	14400	57600

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16	Supplying, fixing, and configuring 16-ports 10/100/1000Mbps unmanaged gigabit PoE Switch complete	EACH	26	18000	468000
17	Supplying, fixing, and configuring 8-ports 10/100/1000Mbps unmanaged gigabit PoE Switch complete	EACH	26	9900	257400
18	Supplying, fixing, and configuring 24-ports 10/100/1000Mbps unmanaged gigabit PoE Switch complete	EACH	2	29400	58800
19	Supplying, fixing, and configuring 32-ports 10/100/1000Mbps unmanaged gigabit PoE Switch complete tp link(16 port 2 qnty)	EACH	2	36000	72000
20	Supplying and erecting of Mounting Box for Indoor Cameras	EACH	55	150	8250
21	Supplying, installing & testing UTP connector (RJ-45) as per specification with crimping	EACH	230	175	40250
22	Supplying, installing of Outdoor Housing for cameras ( Fibre body)	EACH	1	1800	1800
23	Monitor 32 " Samsung /Eq	EACH	2	32599	65198
24	Rack 17 U along with plates for CCTV & EPABX	EACH	1	29400	29400
25	Supplying and laying (including excavation of suitable width & depth up to 90 cm) <b>50 mm outside dia. double wall corrugated pipes (DWC)</b> of HDPE for enclosing cable below ground/road surface, to required depth complete.	METER	1600	975	1560000
<b>Total</b>					<b>4089758</b>

<b>TELEPHONE SYSTEM</b>					
<b>Sr.No</b>	<b>Particulars</b>	<b>Unit</b>	<b>QTY</b>	<b>Rate Rs</b>	<b>Amount Rs</b>
1	Supplying, erecting & commissioning of Digital EPABX System configured fo 1 PRI, 10 Digital Extensions & 250 Analog Extensions matrix or similar	EACH	1	969330	969330
2	Supplying, erecting & commissioning of operator phone system as per specification	EACH	1	4900	4900
3	Supplying, erecting & commissioning MDF Box 300 x 300 pairs with kronas as per specification	EACH	1	3780	3780
4	Supplying, erecting & commissioning junction box suitable for 20 pairs as per specification	EACH	15	990	14850
5	Supplying, erecting & commissioning junction box suitable for 50 pairs as per specification	EACH	2	1650	3300
6	Supplying, erecting & commissioning 10 pair KRONE module for connection & disconnection of telephone cable as per specification	EACH	36	290	10440
7	Supplying & erecting over voltage protection magazine suitable for 10 pair as per specification	EACH	2	6900	13800
8	Supplying, installing, testing & commissioning push button telephone instrument desk top/wall mount with caller IDunit as per specification complete.	EACH	230	2980	685400
9	Supplying & erecting jelly filled armoured telephone copper cable 20 pair with 0.5 mm dia. laid in provided trench as per specification	METER	2500	280	700000

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10	Supplying & erecting jelly filled armoured telephone copper cable 5 pair with 0.5 mm dia. laid in provided trench as per specification	METER	250	125	31250
11	Supplying & erecting jelly filled armoured telephone copper cable 50 pair with 0.5 mm dia. laid in provided trench as per specification	METER	120	495	59400
12	Supplying & erecting jelly filled armoured telephone copper cable 10 pair with 0.5 mm dia. laid in provided trench as per specification	METER	120	195	23400
<b>TOTAL</b>					<b>2519850</b>

#### Client scope:

Scaffolding wherever required to be provided.  
Electrification wherever necessary to be provided.  
Fabrication like poles etc. to be provided.  
Fabricated poles if required to be provided.  
Civil work if required.

#### Payment Terms

75 % Advance  
20% On Delivery of Material  
5% On Completion

#### Company's Bank Details

**Bank Name:** Central Bank of India  
**Account Number:** 3167002097  
**Branch & IFS Code:** Panaji & CBIN0280713

#### Terms & conditions apply.

Quotation valid for 10 days only.  
GST 18% extra.  
Lead time 6 weeks from the date of advance.  
If payment not received on time interest @ 15% will incurred per annum.  
Any extra item if required to be charged as actual.  
Warranty as per manufacturer not valid in case of surges, fluctuation, lightening etc.to be claimed directly with the manufacturer without involving JP TECHATRONICS.  
Solution done as per recommendation and request by client hence, JP TECHATRONICS or its employees should not be held responsible for any kind of malfunctioning of the system for any reasons.  
Services like data backup, searching footage, port forwarding etc. to be charged as actuals.  
Service calls post installation to be charged as actuals.

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