

Supply, Installation & Commissioning of different types of Electrical works at different sites.

S.No.	Item	Qty	Unit	Quoted Rate (Rs.) (In Figure)	Quoted Rate (Rs.) (In Word)
1	Supply ,installation, testing and commissioning of 200 KVA Silent DG set comprising bhp @ NTP, 1500 RPM, coupled to 200 kva company approved 3 phase 415v, 50 hz alternator mounted on a common base frame along with other accessories i.e. Fuel tank, manual control panel, battery with leads and acoustic enclosure including all equipment and diesel etc for commissioning of D.G set. (Make- Mahindra mpower62485G, or similar specification kohler, kirloskar as per approval of E.I)	1	Nos		
2	Supply and fixing 250 watt LED type flood light complete with all accessories etc. on pole/building including connection with FR PVC insulated copper conductor cable and earthing the body etc. as required. (Make- khaitan, bajaj, havells)	1	Nos		
3	Dismantaling, shifting and reinstallation of existing split A.C outdoor unit	1	each		
4	Recharge A.C refrigerent gas as per requirement of per unit ac	1	each		
5	Installation of 22 guage soft copper pipe both suction and liquid tube line (suction tube- 1/2 inch dia and liquid tube- 1/4 inch dia) with insulation as per required length	1	mtr		
6	Installation of automatic chageover 125 amp for seperate connection of D.G pwer with exsiting Meter Board panel (Make- Schneider, ABB, Legrand ,L&T)	1	each		
7	Dismantaling of existing installed lift (G +7 floor) and shifting dismantalled item at safe place in same building	1	job		
	C.C.T.V				
8	Supply,Installation, Testing, Commissioning of 2 Megapixel Indoor/outdoor camera including all accessories with 3/4 mm manual iris lens complete as required. (Make- CP Plus/Hikvision/Panasonic similar as per approval of E.I)	1	Nos		
9	Supply,Installation, Testing, Commissioning of 2 Megapixel Indoor/outdoor IP bullet camera 1/3" Progressive Scan CMOS Image Sensor,with Fixed Lens Fixed Lens 2.8mm / 4mm /6mm F2.0 , Support ONVIF Profile , 30m IR. (Make- CP Plus/Hikvision/Panasonic similar as per approval of E.I)	1	Nos		
10	Supply, Installation, Testing, Commissioning of 08 Channel NVR colour Digital video management system with Digital video Recorder with video motion Detection system , 2 X HDD solts for future storage expansion , 1 TB surveillance HDD to be able to acheive recording in DVHS quality @ 24 hour mode complete as per required and as per approval of E/I (Make-CP Plus/Hikvision/Panasonic similar as per approval of E.I)	1	Nos		
11	Supplying , drawing ,connecting & testing of 3 core power + TV cable (For CCTV Camera) (Make- Havells, Polycab, R.R. Kabel or similar as per approval of E.I)	1	Nos		
12	Supply installation testing & commissioning of power supply unit without SMF batteries complete as required. (One set count 8 nos camera)	1	LOT		
13	12 port 10/100/1000 web managed POE switch with 2 seperate board (Make- D link, Legrand, Digisol as per approval of E.I)	1	Each		
14	Patch Cord 1 mtr (Make- D link, Legrand, Digisol as per approval of E.I)	1	each		
15	Patch Cord 2 mtr (Make- D link, Legrand, Digisol as per approval of E.I)	1	Each		
16	Supply, Installation, Testing, Commissioning of 42/43" LED Smart TV including all accessories etc as required. (Make- Sony, Samsung, Lg as per approval of E.I)	1	Each		
17	Rj 45 connector with faceplate including IO box and and punching with all accessories etc as required. (Make- D link, Legrand, Digisol as per approval of E.I)	1	Each		
18	Supplying fitting and fising rack 6U fully powder coated complete as required (Make- D link, Legrand, Digisol as per approval of E.I)	1	Each		
19	Supply fiting and fixing 6e + UTP 25 port patch panel complete as required (Make- D link, Legrand, Digisol as per approval of E.I)	1	Each		
	A.C				
20	Supply installation testing and commissioning of 1 TR split A.C 5 star rating with indoor unit including all out door unit electric wire for O.D.U and civil work with repairing and painting etc as required as per direction of E.I (Make- Carrier, Hitachi, Voltas as per approval of E.I)	1	Each		
21	Supply installation testing and commissioning of 1.5 TR split A.C 5 star rating with indoor unit including allr out door unit electric wire for O.D.U and civil work with repairing and painting etc as required as per direction of E.I (Make- Carrier, Hitachi, Voltas as per approval of E.I)	1	Each		
22	Supply installation testing and commissioning of 2 TR split A.C 5 star rating with indoor unit including allr out door unit electric wire for O.D.U and civil work with repairing and painting etc as required as per direction of E.I (Make- Carrier, Hitachi, Voltas as per approval of E.I)	1	Each		
23	Supply and installation of reputed approved make of ISI mark copper wounded heavy duty 3 KVA voltage stablisers with all safety features, including high low cut off TDR facility, voltage range single phase 130 volts - 280 volts etc with all plug top etc as reqired make - V guard, I Guard, Live guard as per approval of E.I	1	Each		
24	Supply and installation of reputed approved make of ISI mark copper wounded heavy duty 4 KVA voltage stablisers with all safety features, including high low cut off TDR facility, voltage range single phase 130 volts - 280 volts etc with all all plug top etc as reqired make - V guard, I Guard, Live guard as per approval of E.I	1	Each		

S.No.	Item	Qty	Unit	Quoted Rate (Rs.) (In Figure)	Quoted Rate (Rs.) (In Word)
25	Supply and installation of reputed approved make of ISI mark copper wounded heavy duty 5 KVA voltage stabilisers with all safety features, including high low cut off TDR facility, voltage range single phase 130 volts - 280 volts etc with all all plug top etc as required make - V guard, I Guard, Live guard as per approval of E.I	1	Each		
26	Installation of 22 guage soft copper pipe both suction and liquid tube line (suction tube- 1/2 inch dia and liquid tube- 1/4 inch dia) with insulation as per required length	1	mtr		
27	Installation of 22 guage soft copper pipe both suction and liquid tube line (suction tube- 5/8 inch dia and liquid tube- 3/8 inch dia) with insulation as per required length	1	mtr		
28	Supply and installation of drain pipe for split A.C	1	mtr		
29	Supply and Installation of heavy unit stand unit for a.c outdoor unit	1	set		
	TELEPHONE/ INTERCOM. SYSTEM				
30	EPABX - Supplying, Installation, Testing, Commissioning of TEC approved 16 line Digital EPBAX (make:-Syntel NEOS 4S - 16 LINE,PROGALITY HP 120,PANASONIC as per approval of E.I)	1	Each		
31	Supply, installation, testing and commissioning of basic telephone set (Make- Panasonic KX-TS400SX, Bettel B11, Syntel as per approval of E.I)	1	Each		
32	Supply, installation, testing and commissioning of digital telephone set (Make- Panasonic KX-T2378MXWD, Alcatel T-58, Bettel m75N, Syntel as per approval of E.I)	1	Each		
33	50 PAIR MDF BOX WITH KRONE MODULE	1	Each		
	UPS				
34	Supply installation testing and commissioning of 10 kva ups Single phase input and single phase output with input voltage adustable range approx 110v to 280 v (Make- Lumionios Cruze, APC SRC 10000UXI, Consul Finch PW T as per approval of E.I)	1	Set		
35	Supply installation testing and commissioning of 5 kva ups Singel phase input and single phase output with input voltage adustable range approx 110v to 280 v (Make- Lumionios Cruze, APC SRC 10000UXI, Consul Finch PW T as per approval of E.I)	1	Set		
36	Battery Bank -- Supply Installation testing and commissioning Lead Acid sealed maintenance free VRLA Battery of 12 volt 42 Ah) with heavy duty powder coated battery rack with heavy duty 4 nos trolly and make - Quanta/Exide./amaron	1	Each		
37	15 KVA UPS 3 phase (415 V + 15%) Volts input & 3 phase output (415 V + 1%), 50 Hz, IGBT based technology, Input harmonic Current THD <=3% typical at 100% load, <=6% maximum at 100% load with inbuilt Isolation Transformer and 30 min battery backup for each UPS along with battery cabinet, Parallel card, BMS Port & communication card complete in all respect including supporting steel structure for UPS and Battery as required.Quoted price shall be inclusive of required rating single core copper conductor cable including terminations,connections of UPS to batteries & MCCB etc complete in all respect and as per direction of Engineer in Charge. (Make- Consul, Numeric, APC as per approval of E.I)	1	Set		
	DG Set				
38	DG Set - Supply installatio testing and commissioning of 15 KVA three phase Silent DG Set at intake well with first fill of lube oil and accessories and preparationof civil foundation for 15 KVA Silent type DG set panel etc all complete job as per instruction of E.I. (Make- Mahindra, kohler, cummins as per approval of E.I). Note - providing and filling fuel tank 50 ltr disel at a time of handover of DG set	1	Set		
39	Supply installation testing and commissioning of 2.0 TR Tower A.C 5 star rating with indoor unit including all O.D.U and civil work with repairing and painting etc as required as per direction of E.I (Make- Carrier, Hitachi, Vestar, Voltas as per approval of E.I)	1	Each		
40	Supply installation testing and commissioning of 65 inch smart tv with all accessories as per approval of E.I (Make- Sony 65x 8000h or approved equivalent)	1	Each		
41	Changing of damaged display of sony 65 inch smart tv make Sony 65x 8000 h)	1	Each		
42	Supply and installation of Gate light (TECHNICAL DETAILS) PRODUCT CODE- APBY070C WATTAGE – 70W TYPE – CLEAR LUMEN – 7000 CCT- 5700K CRI -> 80 PF- > 0.95 SURGE PROTECTION -> 5KG ITHD - < 10% IP- IP65	1	NOS		
43	Supply and installation of Flood light (TECHNICAL DETAILS) PRODUCT CODE- FWZP100W WATTAGE – 100W LUMEN – 9500 CCT – 3000K CRI -> 70 PF->0.95 SURGE PROTECTION ->5KG ITHD -< 10% IP – IP65	1	NOS		

S.No.	Item	Qty	Unit	Quoted Rate (Rs.) (In Figure)	Quoted Rate (Rs.) (In Word)
44	Supply and installation of Touch Screen kiosk for product display (TECHNICAL DETAILS) 32" WITH PCAP TOUCHING (CAPATIVE TOUCH) WITH 8 TB RAM/500 GB HDD/WIN 10 MAKE SUMSUNG with required MS frame	1	NOS		
45	Developing and installing Software for floor wise display of different khadi product at Khadi Mall, Patna	1	NOS		
46	Supply and Installatin of Anti Theft Device (TECHNICAL DETAILS) AM 4 FIT PEDESTAL MACHINE. DECTION RANGE – 0.8-2.4M MODEL – TX + RXTREQ – 8.2 MHZ ALARM – SOUND & LIGHT WAGE – ANTI SHOP LITTING MAKE – STI	1	NOS		
47	Supply of AM soft tag Sticker	1	NOS		
48	Supply of Pencil Tag with Pen	1	NOS		
49	Supply of Detacher for removing tag	1	PC		
50	Supply of AM Double Checker for anti theft system	1	NOS		
51	Supply and Installation of Biometric machine (TECHNICAL DETAILS) TIMER PAINING MACHINE FINGER PRINT RECOGNITION SYSTEM TIME ATTENDANCE ACCESS MAKE MANTRA BIOMETRIC DEVICES. BIOMETRIC (TECHNICAL DETAILS) TIMER PAINING MACHINE FINGER PRINT RECOGNATION SYSTEM TIME ATTENDANCE ACCESS MAKE MANTRA BIOMETRIC DEVICES.	1	NOS		
52	Supply and Installation of Wifi Router (TECHNICAL DETAILS) FRENQUENCY – 2.4 GHZ MODEL NAME – SY- GPON – 1110- WDONT SPEED – 1200 MBPS MAKE – SYSOTECH SGPON	1	NOS		
53	Supply and Installation of 600 VA U.P.S. With inbuilt battery (TECHNICAL DETAILS) WATTAGE- 600 VA. (Make- Luminous)	1	NOS		
54	Supply and Installation of Inventory POS 15 INCH, BEZELFREE, SLEEK PCAP (PROJECTOR MULTI TOUCH CAPACITOR) PREMIUM TOUGH POS INTEL BRIDE CORE I3-3.3 G (3M CACHE) UG DDR) 500 GB HDD WITH 7TH GENBASE (Make- Posiflex)	1	NOS		
55	Developing and installation of Khadi Mall ware house/ Store Inventory Software	1	NOS		
56	Supply and Installation of Cash Counting Machine (TECHNICAL DETAILS) COUNTING STEEL (NOTES/MIN)- 100 NOTES UP TO SEC. SIZE – MIN 100 MM X 50 MM MAX 200 MM X 100 MM FEED SYSTEM – VACUUM SUCTION. DISPLAY – COUNT MODE- 4 DIGIT 7 SEGMENT DISPLAY SELECTED MODE – 3 DIGIT 7 SEGMENT DISPLAY RED/GREEN DISPLAY. KEY BOARD- MODE SELECTOR & 15 KEYS NUMERIC KEYPAD POWER SUPPLY – 200 AC 50 HZ. POWER CONSUMPTION – 350 WATT. CUSTMER DISPLAY – 6 DIGIT 7 SEGMENT. OPTION – UV SENSOR FOR DETECTIN OF COUNTERREIT. BANK NOTE PAGE	1	NOS		

S.No.	Item	Qty	Unit	Quoted Rate (Rs.) (In Figure)	Quoted Rate (Rs.) (In Word)
57	Supply and installation of Digital Display Screen (20'X15") (TECHNICAL DETAILS) P6 LED SCREEN 20'X15' HSN CODE – 85312000 LED LAMP- KING LIGHT RAPTORS SMD 3535 SERIES RGB DRIVING IC – SM 16 SERIES. MODEL SIZE – 192 MM X 192MM MODEL RESOLUTION – 32X32 CABINET ZIDE – 576 X 576 CABINET MATERIAL – MS CABINET. REFRESH RATE -> 21000 HZ RIGHTNESS – 6000-9000 NITS PROTECTION LEVEL – IP 65 FRONT & BACK. SOFTWARE – ONBON/LINSN/NOVA STAR SENDING CARD + RECEIVING CARD (R501)	1	NOS		
58	Supply and installation of 52" LED TV (52") 4 K (TECHNICAL DETAILS) 52 INCH 4 K SMART TV WITH REMOTE CONTROL INCLUDING T.V.CABLE CONNECTION WITH ALL ACCESSORIES MAKE SAMSUN/SONY	1	NOS		
59	Supply and installation of 42" LED smart 4k TV with all accessories (Make- Sony Model- 43W672G)	1	NOS		
60	Supply and installation of 52" LED smart 4k TV with all accessories Make-Sony Model- 55X7002G)	1	NOS		
61	Supply and installation of 1 ltr Electric Kettle (Make- Prestige)	1	NOS		
62	Supply and installation of Biometric machine (Make- ESSL)	1	NOS		
63	Supply installation testing and commissioning of tata sky set top box with all accessories	1	NOS		
64	Supply installation testing and commissioning of 192 ltr Refrigerator (Make- Samsung RR19M2412S8/NL/2019)	1	NOS		
65	Supply installation testing and commissioning of 45 ltr Refrigerator (Make- LG GL-051SSW/2019)	1	NOS		
66	Supply installation testing and commissioning of video conferencing powerful video collaboration for multiparty conferences full HD 1080 P 60 Endpoit package shall include codec, cable buncle remote control , camera, microphone , HDMI cable and all other required accessories for connection with display unit (Make - Poly/Cisco) .	1	NOS		
67	Supply installation testing and commissioning of 55 inch LED smart TV (Make- Samsung, lg, sony).	1	NOS		
68	Supply installation testing and commissioning of 1 kva online ups with inbuilt battery (Make- AVO, Microtek, Consul).	1	NOS		
69	Supply installation testing and commissioning of HP ProBook 440 G5 5UW19PA i5-8250U/8GB DDR4/ 512GB SSD/ Intel @ UHD Graphics 620 win 10 Pro/ 14 inch LED HD.	1	NOS		
70	Supply and installation of Floor Mounting T.V stand for 43 inch to 75 inch with provision of wheel for movement and stand for mounting VC Camera and codec as required.	1	NOS		