Bill of Quantities (BOQ)

Procurement of Electrical and Sanitary Works at Sundarharaincha Nagar Hospital, Sundarharaicha 1

IFB No.: SHM/NCB/W/4/2083/084

Provisional Sum					
SL. No.	**Item Description**	**Unit**	**Quantity**	**Unit Rate (NPR)**	**Amount (NPR)**
PS.1	Insurance of works, equipment, workforces, employees and Third party Insurance against damage to other persons and property.	Ps	1.00	1,00,000.00 One lakh rupees only.	1,00,000.00 One lakh rupees only.
	Total provisional sums				1,00,000.00 One lakh rupees only.

Construction work **CPV: 45000000-7 - Construction work**						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.1	Provide and instalation of project information Board 1.0x1.50m in iron posts including cost of excavation, M10 concrete for foundation, backfill and all other incidental work so as to complete the work as specified & Site Cleareance works	job	1.00			
1.2	Supply,Delivery, Installation, Testing & Commissioning of Main Panel Board made of mild steel sheet double cover push-type lock wall-mount (Size 42"x56"x9") with copper busbars, 250A 35kA 4P TPN MCCB incoming, outgoing MCCBs (80A x6, 50A x1, 40A x1, 32A x2), 40 kVA SPD, VAF meter, CT coils, and LED phase indicators (Siemens/ABB/Legrand/Havells/HPL). With Chasing/Breaking,Pocket Filling with sand and cement all complete work.	Set	1.00			
1.3	Supply,Delivery, Installation, Testing & Commissioning of Distribution Boards (GF DB-1, DB-2, FF DB-3, DB-4) MS double cover, with Incoming MCCB TPN 63A x1, Outgoing MCB DP 32A x2, MCB 6-32A SP x32, Indicators, Busbars, CT Coil, VAF Meter (Siemens/ABB/Legrand/Havells/HPL).With Chasing/Breaking,Pocket Filling with sand and cement all complete work.	Set	4.00			

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1.4	Supply,Delivery, Installation, Testing & Commissioning of Distribution Boards (SF DB-5, DB-6) with Incoming MCCB TPN 40A x1, Outgoing MCB DP 32A x1, MCB 6-32A SP x25, Indicators, CT Coil, VAF Meter. With Chasing/Breaking,Pocket Filling with sand and cement all complete work.	Set	2.00			
1.5	Supply,Delivery, Installation, Testing & Commissioning of Lift Distribution Board (DB-7) with Incoming MCB TPN 40A x1, Outgoing RCCB 40A/100mA 4P x1, DP MCB 16A x1, MCB 6-32A SP x2, Indicators, VAF Meter . With Chasing/Breaking,Pocket Filling with sand and cement all complete work.	Set	1.00			
1.6	Supply,Delivery, Installation, Testing & Commissioning of UPS Distribution Boards (GF DB-8, FF DB-9, SF DB-10) with Incoming MCB TPN 40A x1, Outgoing DP MCB 32A x2, MCB 6-32A SP x3, Indicators.	Set	3.00			
1.7	Supply,Delivery, Installation, Testing & Commissioning of f Automatic Transfer Switch (ATS) System Board 250A complete with control logic. With Chasing/Breaking,Pocket Filling with sand and cement all complete work.	Set	1.00			
1.8	Supply,Delivery, Installation, Testing & Commissioning of Three-Phase Energy Meter (kWh) 32 kVA NEA Authorized Standard complete.	Nos	1.00			
1.9	Supply,Delivery, Installation, Testing & Commissioning of Supply, delivery & erection of 200 kVA 11kV/0.4kV 3-Phase Distribution Transformer.	Nos	1.00			
1.10	Supply,Delivery, Installation, Testing & Commissioning of Supply, delivery & installation of 11-meter fully galvanized steel utility poles (11m overall, 95kg, 250x250x4mm base plate, Bealon). With Chasing/Breaking,Pocket Filling with sand and cement all complete work.	Nos	5.00			
1.11	Supply,Delivery, Installation, Testing & Commissioning of Prestressed Concrete (PSC) Poles for HT overhead extension line.	Nos	2.00			

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1.12	Supply,Delivery, Installation, Testing & Commissioning of D-Iron hardware with shackle insulators, nuts, bolts, washers complete.	Set	10.00			
1.13	Supply,Delivery, Installation, Testing & Commissioning of Disconnecting switch 250 Amp 4 pole with incluser with all necessary accessories all complete With Chasing/Breaking,Pocket Filling with sand and cement all complete work.	Set	1.00			
1.14	Supply,Delivery, Installation, Testing & Commissioning of 300 Amp 4 pole BUSBAR with incluser with all necessary accessories all complete With Chasing/Breaking,Pocket Filling with sand and cement all complete work.	Set	1.00			
1.15	Supply,Delivery, Installation, Testing & Commissioning of Transformer installation hardware Items(Long tee,Short tee,c channel ,nut bolt washer,Disc insulator,Pin insulator,shackel pg clamp,Clamp)with all necessiories accesiories all complete	Ls	1.00			
1.16	Supply,Delivery, Installation, Testing & Commissioning of 11 KVA Disconnecting Switch as per the drawing specification all complete .	Nos	1.00			
1.17	Supply,Delivery, Installation, Testing & Commissioning of 95 sq. mm 4-Core Aluminum Unarmoured Power Cable (Pioneer/Rathi/Prakash/Premier/Annapurna).	mtr	120.00			
1.18	Supply,Delivery, Installation, Testing & Commissioning of 25 sq. mm 4-Core Copper Armoured XLPE Power Cable + 6 sq. mm Cu flexible earth wire.	mtr	25.00			
1.19	Supply,Delivery, Installation, Testing & Commissioning of 16 sq. mm 4-Core Copper Armoured XLPE Power Cable + 6 sq. mm Cu flexible earth wire (MDB to FDBs).	mtr	250.00			
1.20	Supply,Delivery, Installation, Testing & Commissioning of 10 sq. mm 4-Core Copper Armoured XLPE Power Cable + 6 sq. mm Cu flexible earth wire.	mtr	50.00			

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1.21	Supply,Delivery, Installation, Testing & Commissioning of 6 sq. mm 4-Core Copper Armoured PVC Power Cable + 4 sq. mm Cu flexible earth wire.	mtr	40.00			
1.22	Supply,Delivery, Installation, Testing & Commissioning of 6 sq. mm 2-Core Copper Unarmoured Flexible PVC Power Cable.	mtr	400.00			
1.23	Supply,Delivery, Installation, Testing & Commissioning of Outdoor Light Cable 4 sq. mm 3-Core Cu Armoured in DWC HDPE conduit (20/25mm dia) underground laying.	mtr	120.00			
1.24	Supply,Delivery, Installation, Testing & Commissioning of MS fabricated 150mm wide Cable Ladders with structural supports including wall chiseling.	rm	150.00			
1.25	Supply,Delivery, Installation, Testing & Commissioning of Power socket point wiring (2x4 + 1x2.5 sq. mm multistrand Cu wire in 20/25mm HDPE pipe, 10m/pt). With Chasing/Breaking,Pocket Filling with sand and cement all complete work.	Pt	225.00			
1.26	Supply,Delivery, Installation, Testing & Commissioning of Light point wiring 2x1.5 sq. mm multistrand Cu wire in 20/25mm HDPE pipe, 10m/pt) With Chasing/Breaking,Pocket Filling with sand and cement all complete work.	Pt	400.00			
1.27	Supply,Delivery, Installation, Testing & Commissioning of Fan point wiring 2x1.5 +1*1 sq. mm multistrand Cu wire in 20/25mm HDPE pipe, 10m/pt) With Chasing/Breaking,Pocket Filling with sand and cement all complete work.	Pt	76.00			
1.28	Supply,Delivery, Installation, Testing & Commissioning of AC point wiring 2x4+1*1.5 sq. mm multistrand Cu wire in 20/25mm HDPE pipe, 10m/pt) With Chasing/Breaking,Pocket Filling with sand and cement all complete work.	Pt	30.00			
1.29	Supply,Delivery, Installation, Testing & Commissioning of 11 Kva HT Line 1*100 Sqmm XLPE Power cable	rm	1,200.00			

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1.30	Supply,Delivery, Installation, Testing & Commissioning of 7-meter fully galvanized steel street light pole (9m overall length, 95kg, 250x250x4mm base plate, Bealon).	Set	4.00			
1.31	Supply,Delivery, Installation, Testing & Commissioning of LED AC Street Light 100W with Auto On/Off switch, auto dimming, 1m GI arm (Goldmedal/HPL/Orchid/KBL).	Set	4.00			
1.32	Supply,Delivery, Installation, Testing & Commissioning of LED AC Flood Light 100W IP65 outdoor grade.	Set	2.00			
1.33	Supply,Delivery, Installation, Testing & Commissioning of Ceiling mounted circular 24W 3000K/6500K LED Panel Light (Philips/Wipro/Crompton/HPL).	Set	95.00			
1.34	Supply,Delivery, Installation, Testing & Commissioning of Ceiling mounted square 2'x2' (36W/40W) LED Panel Light for clinical/general areas.	Set	60.00			
1.35	Supply,Delivery, Installation, Testing & Commissioning of 16-inch Wall Fan (HPL/Usha/Orchid).	Set	2.00			
1.36	Supply,Delivery, Installation, Testing & Commissioning of Ceiling Fan (1200mm sweep) with step regulator, complete with downrod, canopy, and hook mounting.	No	36.00			
1.37	Supply,Delivery, Installation, Testing & Commissioning of 1 Gang 1 Way Modular Switch with MS box (Goldmedal/Electra/CPL/Anchor).	Set	15.00			
1.38	Supply,Delivery, Installation, Testing & Commissioning of 2 Gang 1 Way Modular Switch with MS box.	Set	8.00			
1.39	Supply,Delivery, Installation, Testing & Commissioning of 3 Gang 1 Way Modular Switch with MS box.	Set	5.00			
1.40	Supply,Delivery, Installation, Testing & Commissioning of 4 Gang 1 Way Modular Switch with MS box.	Set	18.00			

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1.41	Supply,Delivery, Installation, Testing & Commissioning of 6 Gang 1 Way Modular Switch with MS box.	Set	45.00			
1.42	Supply,Delivery, Installation, Testing & Commissioning of 8 Gang 1 Way Modular Switch with MS box.	Set	5.00			
1.43	Supply,Delivery, Installation, Testing & Commissioning of 1 Gang 2 Way Modular Switch with MS box.	Set	4.00			
1.44	Supply,Delivery, Installation, Testing & Commissioning of DP 32A Switch with MS box.	Set	4.00			
1.45	Supply,Delivery, Installation, Testing & Commissioning of DP MCB 32A Modular type with 2-module plate & MS box for street lighting.	Set	1.00			
1.46	Supply,Delivery, Installation, Testing & Commissioning of Single Dimmer 300W in switch box.	Set	60.00			
1.47	Supply,Delivery, Installation, Testing & Commissioning of 15/16A Combined Universal Modular Socket with 20A switch and MS box.	Set	185.00			
1.48	Supply,Delivery, Installation, Testing & Commissioning of Junction Box 6"x4".	Set	10.00			
1.49	Supply,Delivery, Installation, Testing & Commissioning of Junction Box 6"x8".	Set	10.00			
1.50	Supply,Delivery, Installation, Testing & Commissioning of Junction Box 8"x10".	Set	10.00			
1.51	Supply,Delivery, Installation, Testing & Commissioning of 1.5 Ton Ceiling Cassette Air Conditioner (inverter) complete with 4-way airflow ceiling panel, outdoor brackets, refrigerant copper piping, condensate drain pump, and wireless remote control (Midea/CG/Daikin/Panasonic).	Nos	10.00			

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SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.52	Supply,Delivery, Installation, Testing & Commissioning of 20 kVA 3-Phase Online UPS System (415V 3Ph In / 240V DC Battery / 415V 3Ph Out) (APC/Eaton/Numeric/Delta).	Set	1.00			
1.53	Supply,Delivery, Installation, Testing & Commissioning of 35Ah/12V Gel Maintenance-Free Battery (Exide/Elito/Geniuse).	Set	20.00			
1.54	Supply,Delivery, Installation, Testing & Commissioning of Heavy-duty steel Battery Rack assembly for 20 gel batteries.	Set	1.00			
1.55	Supply,Delivery, Installation, Testing & Commissioning of IP PBX Appliance supporting 50 users, 20 concurrent calls, FXO/GSM ports, 2TB HDD, full SIP feature set (Yealink/Yeastar/Alcatel/Cisco).	Set	1.00			
1.56	Supply,Delivery, Installation, Testing & Commissioning of NTC SIP PBX Service installation & commissioning with redundant fiber link.	Set	1.00			
1.57	Supply,Delivery, Installation, Testing & Commissioning of IP Desktop Telephone (2.8" LCD screen, 6 SIP lines, Dual GbE ports, PoE supported).	Set	2.00			
1.58	Supply,Delivery, Installation, Testing & Commissioning of Compact Wall-mounted IP Telephone (2 SIP lines, 10 speed dial keys, PoE) - Item 41.	Set	1.00			
1.59	Supply,Delivery, Installation, Testing & Commissioning of Compact Wall-mounted IP Telephone (2 SIP lines, 10 speed dial keys, PoE) - Item 42.	Set	20.00			
1.60	Supply,Delivery, Installation, Testing & Commissioning of Modular RJ45 Outlets including modular plate & GI Metal Box (Schneider/Legrand/GE/Hager) [Item 43 Reconciled Qty].	Set	25.00			
1.61	Supply,Delivery, Installation, Testing & Commissioning of IP Telephone & IP TV CAT 6 U/UTP 23 AWG LSZH cable wiring in 20mm PVC conduit [Item 44 Reconciled Qty]. With Chasing/Breaking,Pocket Filling with sand and cement all complete work.	Pts	20.00			

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SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.62	Supply,Delivery, Installation, Testing & Commissioning of 9/12U Network Wall Rack with PDU, Cooling Fan, 24-port Cat6 Patch Panel, 8-port Fiber Patch Panel (Schneider/Legrand/R&M).	Nos	2.00			
1.63	Supply,Delivery, Installation, Testing & Commissioning of Layer 2+ Managed 16-Port Gigabit PoE Switch (68Gbps switching, 51Mpps) (Sophos/Cisco/Ruijie/Palo Alto).	Set	1.00			
1.64	Supply,Delivery, Installation, Testing & Commissioning of Layer 2+ Managed 24-Port Gigabit PoE Switch (68Gbps switching, 51Mpps).	Set	1.00			
1.65	Supply,Delivery, Installation, Testing & Commissioning of Enterprise Wi-Fi 6 AP (2x2 2.4GHz / 2x2 5GHz, 4 spatial streams, 2.9 Gbps, MU-MIMO, OFDMA).	Set	5.00			
1.66	Supply,Delivery, Installation, Testing & Commissioning of CAT-6A U/UTP 4-pair 23 AWG LSZH Uplink/Downlink LAN Cable in 20mm PVC conduit.	rm	100.00			
1.67	Supply,Delivery, Installation, Testing & Commissioning of Modular RJ45 Outlets including modular plate & GI metal box [Item 50].	Set	25.00			
1.68	Supply,Delivery, Installation, Testing & Commissioning of Computer, AP & IPTV CAT 6 U/UTP 23 AWG LSZH cable point wiring in 20mm PVC conduit [Item 51 Reconciled Qty]. With Chasing/Breaking,Pocket Filling with sand and cement all complete work.	Pts	25.00			
1.69	Supply,Delivery, Installation, Testing & Commissioning of Value-Engineered On-Premise Server Setup (Core HIMS application server, storage, firewall).	Set	1.00			
1.70	Supply,Delivery, Installation, Testing & Commissioning of 4.0 MP Starlight IR Dome Network Camera (2.8mm lens, IP67, IR 30m, WDR, 3D DNR) (Honeywell/Hikvision/Tiandy/Dahua).	Set	4.00			

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1.71	Supply,Delivery, Installation, Testing & Commissioning of 4.0 MP Starlight IR Bullet Network Camera (3.5mm lens, IP67, IR 30m, WDR, 3D DNR).	Set	10.00			
1.72	Supply,Delivery, Installation, Testing & Commissioning of 32-Channel NVR supporting 12MP recording, 320Mbps incoming bandwidth, H.265, 2x HDMI, 4x 4TB Enterprise HDDs installed.	Nos	1.00			
1.73	Supply,Delivery, Installation, Testing & Commissioning of 16-Port Gigabit PoE Switch for CCTV network.	Set	2.00			
1.74	Supply,Delivery, Installation, Testing & Commissioning of 43-inch Full HD LCD Monitor with HDMI switch & wall mount hardware (Samsung/LG/Sony).	Nos	1.00			
1.75	Supply,Delivery, Installation, Testing & Commissioning of CCTV Point Wiring with CAT 6 LSZH cable in 20mm green PVC conduit including IP20 field termination connectors [Item 57 Reconciled Qty]. With Chasing/Breaking,Pocket Filling with sand and cement all complete work.	Pts	14.00			
1.76	Supply,Delivery, Installation, Testing & Commissioning of 6-Zone Digitally Addressable Class B Fire Alarm Control Panel (16x4 LCD, event logging, IEC 62368-1 / CE certified) (Zettler/Honeywell/Bosch/Gent).	Nos	1.00			
1.77	Supply,Delivery, Installation, Testing & Commissioning of Digitally Addressable Photoelectric Smoke Detector with base & bi-color LED status indicator [Item 59 Reconciled Qty].	Nos	25.00			
1.78	Supply,Delivery, Installation, Testing & Commissioning of Digitally Addressable Rate-of-Rise Heat Detector with base.	Nos	4.00			
1.79	Supply,Delivery, Installation, Testing & Commissioning of Manual Break Glass Call Point (Red, UL Listed).	Nos	5.00			

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1.80	Supply,Delivery, Installation, Testing & Commissioning of UL Listed Hooter Cum Strobe Notification Appliance (Xenon flash tube, dual audibility).	Nos	5.00			
1.81	Supply,Delivery, Installation, Testing & Commissioning of Fire Alarm Point Wiring using Fire Survival Plenum Cable 1.5 sq. mm 2C shielded FRLSZH in 25mm FRLS conduit [Item 63 Reconciled Qty]. With Chasing/Breaking,Pocket Filling with sand and cement all complete work.	Pts	30.00			
1.82	Supply,Delivery, Installation, Testing & Commissioning of 6 kg Portable Fire Extinguisher ABC Dry Powder Type (Minimax/Eversafe).	Set	15.00			
1.83	Supply,Delivery, Installation, Testing & Commissioning of 10 sq. mm Insulated Copper Ground Conductor.	mtr	30.00			
1.84	Supply,Delivery, Installation, Testing & Commissioning of Long-Life Maintenance-Free Earthing System (50-year lifespan, 2m x 50mm Cu-bonded pipe, 50kg Marconite conductive aggregate backfill, 0.001 ohm-m resistivity, poly-plastic pit cover). With Chasing/Breaking,Pocket Filling with sand and cement all complete work.	Set	5.00			
1.85	Supply,Delivery, Installation, Testing & Commissioning of 25 sq. mm Insulated Copper Ground Conductor.	mtr	100.00			
1.86	Supply,Delivery, Installation, Testing & Commissioning of Active ESE Lightning Air Terminal (Indelec, Protection Level 1, deltaT=60mius, R=60m, Iimp=100kA, SS316 housing, NFC 17-102 compliant, CE/UL certified). With Chasing/Breaking,Pocket Filling with sand and cement all complete work.	Nos	1.00			
1.87	Supply,Delivery, Installation, Testing & Commissioning of 3-meter GI Mounting Mast for LA terminal with guy-wire clamping assembly & base plate.	Set	1.00			

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1.88	Supply,Delivery, Installation, Testing & Commissioning of Long-Life Maintenance-Free Earthing System (80mm Cu-bonded pipe x 2m, 50kg Marconite backfill) dedicated to LA down-conductors and main panels. With Chasing/Breaking,Pocket Filling with sand and cement all complete work.	Set	2.00			
1.89	Supply,Delivery, Installation, Testing & Commissioning of 4-Core x 1 sq. mm Copper Flexible Cable for control signals in PVC conduit.	rm	80.00			
1.90	Supplying and fixing Indian pattern white glazed Porcelain clay (50X40)cm Wash basin with pedastal, pipe connector, bottle trap complete . set with testing and ready for operation.(Boolan,cera,Hindware,Parryware,Somany,bencardoor equivalent)	Set	31.00			
1.91	Supplying and fixing Porcelain clay white glaze Wash basin for disable with mixture and grab bar all complete . set set with testing and ready for operation.	Set	1.00			
1.92	Supplying and fixing Indian pattern white glazed Porcelain clay(61x41x38)cm size Large Flat back Urinal with bottle trap set with testing and ready for operation.(Boolan,cera,Hindware,Parryware,Somany,Bencardo or equivalent)	Set	9.00			
1.93	Supplying and /fixing Indian pattern white glazed Porcelain clay 68x30cm size Urinal Partation with all complete Set	Set	11.00			
1.94	Supplying and fixing CP Shower rose 7.5 cm (3") dia all complete set ready for operation.	Set	14.00			
1.95	Supplying and fixing C.P. Wall Mixer all complete set ready for operation.	Set	14.00			
1.96	Supplying and fixing C P 15 mm Urinal Auto closing Valve with built in control cock all complete set ready for operation.	Set	9.00			
1.97	Supplying and fixing C P towel rod 1.5x45cm (½"x 18") size all complete set ready for operation.	No.	14.00			

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1.98	Supplying and fixing C P towel ring all complete set ready for operation.	No.	31.00			
1.99	Supplying and fixing C.P. Grab bar European pattern 600-900mm long bend type Grohe, Essel or Eqv all complete set ready for operation.	No.	2.00			
1.100	Supplying and fixing PVC Floor Trap 11x7.5cm (4" X 2½") all complete set ready for operation With Chasing/Breaking,Pocket Filling with sand and cement all complete work.	No.	40.00			
1.101	Supplying and fixing CP Grading 100mm (4") dia all complete set ready for operation With Chasing/Breaking,Pocket Filling with sand and cement all complete work	No.	40.00			
1.102	Supplying and fixing CI Cover 18" X 18" (14 kg) Medium Duty with testing and ready for operation With Chasing/Breaking,Pocket Filling with sand and cement all complete work .	Set	16.00			
1.103	Supplying and fixing 24" dia 16 kg Round (Locking Type) CI Heavy Cover with frame all complete ready for operation With Chasing/Breaking,Pocket Filling with sand and cement all complete work	Set	16.00			
1.104	Supplying and fixing CI Tank Cover 24" X 24" (50 kg) Square (Locking Type) all complete set ready for operation With Chasing/Breaking,Pocket Filling with sand and cement all complete work	Set	16.00			

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1.105	CPVC pipes SDR-11 including MS clamps and brackets, nails and hooks, and all necessary CPVC/Brass specials required for complete . installation, cutting, jointing, sealing of joints etc, installation of pipes	Rm	40.00			

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	and specials including making holes and cutting grooves on walls or floor and repairing the same to its original finish. Pipes to be installed on trenches or walls or floor or duct as per drawings, specifications and instructions, cleaning of the system, testing and ready for operation. The rate shall include for all labour and materials required. The measurement shall be done for running meters, fittings etc not payable seperately With Chasing/Breaking,Pocket Filling with sand and cement all complete work - 50 mm					
1.106	CPVC pipes SDR-11 including MS clamps and brackets, nails and hooks, and all necessary CPVC/Brass specials required for complete . installation, cutting, jointing, sealing of joints etc, installation of pipes and specials including making holes and cutting grooves on walls or floor and repairing the same to its original finish. Pipes to be installed on trenches or walls or floor or duct as per drawings, specifications and instructions, cleaning of the system, testing and ready for operation. The rate shall include for all labour and materials required. The measurement shall be done for running meters, fittings etc not payable seperately With Chasing/Breaking,Pocket Filling with sand and cement all complete work - 40 mm	Rm	150.00			
1.107	CPVC pipes SDR-11 including MS clamps and brackets, nails and hooks, and all necessary CPVC/Brass specials required for complete . installation, cutting, jointing, sealing of joints etc, installation of pipes and specials including making holes and cutting grooves on walls or floor and repairing the same to its original finish. Pipes to be installed on trenches or walls or floor or duct as per drawings, specifications and instructions, cleaning of the system, testing and ready for operation. The rate shall include for all labour and materials required. The measurement shall be done for running meters, fittings etc not payable seperately With Chasing/Breaking,Pocket Filling with sand and cement all complete work - 32 mm	Rm	520.00			

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1.108	CPVC pipes SDR-11 including MS clamps and brackets, nails and hooks, and all necessary CPVC/Brass specials required for complete . installation, cutting, jointing, sealing of joints etc, installation of pipes and specials including making holes and cutting grooves on walls or floor and repairing the same to its original finish. Pipes to be installed on trenches or walls or floor or duct as per drawings, specifications and instructions, cleaning of the system, testing and ready for operation. The rate shall include for all labour and materials required. The measurement shall be done for running meters, fittings etc not payable seperately With Chasing/Breaking,Pocket Filling with sand and cement all complete work - 25 mm	Rm	70.00			
1.109	CPVC pipes SDR-11 including MS clamps and brackets, nails and hooks, and all necessary CPVC/Brass specials required for complete . installation, cutting, jointing, sealing of joints etc, installation of pipes and specials including making holes and cutting grooves on walls or floor and repairing the same to its original finish. Pipes to be installed on trenches or walls or floor or duct as per drawings, specifications and instructions, cleaning of the system, testing and ready for operation. The rate shall include for all labour and materials required. The measurement shall be done for running meters, fittings etc not payable seperately With Chasing/Breaking,Pocket Filling with sand and cement all complete work - 20 mm	Rm	390.00			
1.110	CPVC Ball Valve - 50 mm Dia	No	7.00			
1.111	CPVC Ball Valve - 40 mm Dia	No	13.00			
1.112	CPVC Ball Valve - 32 mm Dia	No	2.00			
1.113	CPVC Ball Valve - 25 mm Dia	No	2.00			
1.114	CPVC Ball Valve - 20 mm Dia	No	1.00			
1.115	2000 liter HDPE water tank	Set	6.00			

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CPV: 45000000-7 - Construction work

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.116	Supply, delivery, fixing, testing & commissioning of ms tanky stand 1500*1500*450mm for Water supply as per specifications and site egineer instrucitons all complete With Chasing/Breaking,Pocket Filling with sand and cement all complete work .	Set	6.00			
1.117	PVC & UPVC SWR (Soil, Waste, Rain) eco-drain pipes NS,ISO,ISI with all necessary ring gaskets, fittings, including MS clamps, hangers, cutting, jointing, sealing, installation of pipes and specials including making holes and cutting grooves on walls or floor and repairing the same to its original finish. Pipes to be installed on trenches or walls or floor or duct or hung to ceilings as per drawings, specifications, manufacturer's recommendations, instructions, cleaning of the system, testing and ready for operation. The rate shall include for all labour and materials required. The measurement shall be done for running meters, fittings etc not payable seperately With Chasing/Breaking,Pocket Filling with sand and cement all complete work- 110 mm PVC pipe 4 kg/cm2	Rm	450.00			
1.118	PVC & UPVC SWR (Soil, Waste, Rain) eco-drain pipes NS,ISO,ISI with all necessary ring gaskets, fittings, including MS clamps, hangers, cutting, jointing, sealing, installation of pipes and specials including making holes and cutting grooves on walls or floor and repairing the same to its original finish. Pipes to be installed on trenches or walls or floor or duct or hung to ceilings as per drawings, specifications, manufacturer's recommendations, instructions, cleaning of the system, testing and ready for operation. The rate shall include for all labour and materials required. The measurement shall be done for running meters, fittings etc not payable seperately With Chasing/Breaking,Pocket Filling with sand and cement all complete work- 160 mm PVC pipe 4 kg/cm2	Rm	380.00			

Construction work
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SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.119	PVC & UPVC SWR (Soil, Waste, Rain) eco-drain pipes NS,ISO,ISI with all necessary ring gaskets, fittings, including MS clamps, hangers,	Rm	105.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
	cutting, jointing, sealing, installation of pipes and specials including making holes and cutting grooves on walls or floor and repairing the same to its original finish. Pipes to be installed on trenches or walls or floor or duct or hung to ceilings as per drawings, specifications, manufacturer's recommendations, instructions, cleaning of the system, testing and ready for operation. The rate shall include for all labour and materials required. The measurement shall be done for running meters, fittings etc not payable seperately With Chasing/Breaking,Pocket Filling with sand and cement all complete work- 75 mm PVC pipe 4 kg/cm2					
1.120	PVC & UPVC SWR (Soil, Waste, Rain) eco-drain pipes NS,ISO,ISI with all necessary ring gaskets, fittings, including MS clamps, hangers, cutting, jointing, sealing, installation of pipes and specials including making holes and cutting grooves on walls or floor and repairing the same to its original finish. Pipes to be installed on trenches or walls or floor or duct or hung to ceilings as per drawings, specifications, manufacturer's recommendations, instructions, cleaning of the system, testing and ready for operation. The rate shall include for all labour and materials required. The measurement shall be done for running meters, fittings etc not payable seperately With Chasing/Breaking,Pocket Filling with sand and cement all complete work- 50 mm PVC pipe 6 kg/cm2	Rm	170.00			
1.121	Supply, delivery, fixing, testing & commissioning of White glazed earthernware 520x420x275mm Orissa Pan (Hindware, Paryware,Coto,Bencardo Eqv) with trap pipe, pipe connector with complete accessories as per specifications and site engineer instruciton all complete set With Chasing/Breaking,Pocket Filling with sand and cement all complete work .	Set	13.00			
1.122	Supply, installation, testing and commissioning of Stainless Steel ss 304 Grade -3 unit(72*22*34+5) and sheet 1.5 mm ,4 legs 1.5"(18*16*10) ,ss angle and bracket 1.5" and all necessiories acessiories all complete as per specification and site incharge instruction With Chasing/Breaking,Pocket Filling with sand and cement all complete work	Set	2.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.123	Supply, delivery, fixing, testing & commissioning of CP 15 mm Longbody Tap with all complete set ready for operation.	Set	26.00			
1.124	Supply, delivery, fixing, testing & commissioning of Cp 15 mm Angle valve with all complete set ready for operation.	Set	95.00			
1.125	Supply, delivery, fixing, testing & commissioning of SS Soap Tray with all complete set ready for operation.	Set	14.00			
1.126	Supply, delivery, fixing, testing & commissioning of Cp 15 mmPillar cock swanneck type with all complete set ready for operation.	Set	36.00			
1.127	Supply, delivery, fixing, testing & commissioning of 18*37*8 Inch long Type ss steel sink with all complete set ready for operation With Chasing/Breaking,Pocket Filling with sand and cement all complete work	Set	1.00			
1.128	Supply, delivery, fixing, testing & commissioning of Cp 15mm Swanneck Type sensor taps with all complete set ready for operation.	Set	1.00			
1.129	False ceiling by Gypsum, Gypsum Board : 12mm thick all complete works as per instruction of engineer	sqm	475.00			

Total Item Price	
VAT (13.00%)	
Grand Total	