Bill of Quantities (BOQ)

construction of Administrative Building Of Adanchuli Rural Municipality

IFB No.: 80664501/01/NCB/ARM/2083-084

Provisional Sum					
SL. No.	**Item Description**	**Unit**	**Quantity**	**Unit Rate (NPR)**	**Amount (NPR)**
PS.1	Provision for insurance and laboratory tests etc	PS	1.00	10,00,000.00 Ten lakh rupees only.	10,00,000.00 Ten lakh rupees only.
PS.2	Providing and installation of signboard as per instructions and approval of site engineer	PS	1.00	7,500.00 Seven thousand five hundred rupees only.	7,500.00 Seven thousand five hundred rupees only.
PS.3	Preparation and submission of two copies of As Built Drawings	PS	1.00	50,000.00 Fifty thousand rupees only.	50,000.00 Fifty thousand rupees only.
	Total provisional sums				10,57,500.00 Ten lakh fifty-seven thousand five hundred rupees only.

Building construction work CPV: 45210000-2 - Building construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.1	Earthwork in excavation in trenches, foundation etc. in all kinds of soil including timbering and pumping out water from the trenches(if necessary) dressing of sides,ramming of bottom, lift up to 2m,stacking of excavated material 30m,clear from the edge of foundaion trench all complete as per specification,drawing and instruction of Site Engineer.	cum	503.00			
1.2	Earthwork in filling of trenches, foundation, etc in all kinds of soil including spreading, watering, compaction in 15/15cm layer and transportation of stacked soil within 10 m all complete as per specification, drawing and instruction of Site Engineer.	cum	590.00			

Building construction work **CPV: 45210000-2 - Building construction work**						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.3	Excavation in Hard Rock (blasting prohibited)Roadway excavation in hard rock wih rock breakers including breaking rock lift and lead for disposal as per Drawing and Technical Specification. (Mechanical Means) lead upto 30m	cum	45.00			
1.4	Providing & laying dry boulder soling in foundation & floor including voids filling with sand all complete as per instruction of the site engineer.	cum	146.00			
1.5	Concreting of foundation, vertical faces walls (cement concrete) including supply of materials and haulage distance upto 30m.A) PCC 1:3:6	cum	19.00			
1.6	P.C.C. (Plain cement concrete) for flooring with cement: sand:aggregate -1:2:4 including machine mixing, curing, laying, finishing etc. all complete as per specification, design and drawings and instruction of site incharge. (M15)	cum	54.00			
1.7	Concreting works of super structure deck slabs, beams including supply of materials and haulage distance upto 30m.('PCC for RCC (1:1½:3)	cum	42.00			
1.8	P.C.C. (Plain cement concrete) for RCC for footings, beam with cement:sand:aggregate -1:1:2 including machine mixing, curing, laying, finishing etc. all complete as per specification, design and drawings and instruction of site incharge. (M25)	cum	465.00			
1.9	Cutting, bending, placing in position as shown in the drawing & binding by MS wire of reinforcement steel bar for RCC works incl. haulage dist. upto 30m	kg	62,125.00			
1.10	Formwork centering & shuttering with approved material such as 19 mm shuttering plywood, plain steel etc. for all RCC works of any shape, size	sq.m	3,145.00			

Building construction work CPV: 45210000-2 - Building construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.11	Rubble masonry work including supply of hard stone blocks preparing cement sand mortar and construction of the wall upto 5 m high haulage distance upto 10 m a) cement sand mortar 1:4	cum	66.00			
1.12	Chimney (bhatta) brick masonry works along with supplying bricks making cement sand mortar and construction of brick wall including haulage distance upto 30m a) 1:6	cum	175.00			
1.13	Chimney (bhatta) brick masonry works along with supplying bricks making cement sand mortar and construction of brick wall including haulage distance upto 30m a) 1:4	cum	123.00			
1.14	Providing and laying random rubble stone masonry 1:6 C/S in 10mm thick cement sand mortar with one side fair finish along with required Pointing Works, including cost of scaffolding,curing filling and raking out joints wherever required, and transportation upto 30m using approved stones as per drawings, specifications and the instruction of site Engineer,all complete.	cum	78.50			
1.15	Providing and laying 12.5 mm thick cement sand plaster (1:4)in ceiling, beams, underside of sunshades, skirting, facias, cornices etc. in perfect line, level and plumb, grooving in plaster wherever shown in drawings including chiselling, raking out joints, cleaning, soaking, necessary scaffolding, curing etc, all complete as per design drawing, specification and instruction of Engineer.	sq.m	4,000.00			
1.16	"Providing and painting two coats of Apex P (Weather Coat) in Exterior or equivalent of approved make and shade, thoroughly cleaning/preparing the surface, removing the loose burrs, dust, dirt repairing dents, holes cracks, etc. washing and wetting the surfaces, , all complete as per specifications,design, drawings and instruction of the Engineer, including the cost of materials, labor, scaffolding curing, etc. ."	sq.m	1,000.00			

Building construction work CPV: 45210000-2 - Building construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.17	"Providing and painting two coats of Plastic Emulsion paint in Interior or equivalent of approved make and shade, thoroughly cleaning/preparing the surface, removing the loose burrs, dust, dirt repairing dents, holes cracks, etc. washing and wetting the surfaces, , all complete as per specifications,design, drawings and instruction of the Engineer, including the cost of materials, labor, scaffolding curing, etc. ."	sq.m	3,000.00			
1.18	Supply and Installation of Stainless Steel Railing work -2" vertical Post, 2" Handrail and 1" diameter 3 layer Horizonatal pipe (90 cm) height	rm	19.50			
1.19	Supplying and fixing seasoned Salla Chaukhat size for Door and Window made from pure sallawood log seasoned and dried in line and level with MSHoldfasts and others complete as per design drawing, specification and instruction of Engineer.	cum	8.60			
1.20	Supplying and fitting 38mm thick salla wood panelled door shutter with 4mm teak plywood on both sides including necessary 150mm locking set, 100 mm hinges, 150mm TowerBolt, Handle and screws per design drawing, specification and instruction of Engineer.	sq.m	117.00			
1.21	Supplying and fitting wooden window of 50 x50 thick mm wooden frame wih 5 mm clear glass and 15 x15 m wooden jaali with polish finishing and all necessary hardware , all complete as per design, drawings, specification and instruction of the Engineer	sq.m	192.00			
1.22	Supplying and Laying Porcelain glazed tile paving work in cement sand (1:4) joined with cementetious grout with pigment to match the shade/ color of the tile/ slab including necessary curing, machine cutting, washing with acid and finishing, all complete as per specification, design, drawings and instruction of the Engineer.	sq.m	792.00			
1.23	MS Grill for windows: Supplying and fixing of mild steel square pipe 4.5 x 20 mm grills @ 6"c/c with 25mmx5mm MS flat red oxide paint as per specification all complete including two coat enamel paint over metal surface	sq.m	64.00			

Building construction work CPV: 45210000-2 - Building construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.24	Supplying and installation of Wooden Post of size (2520 x 160 x160) with carved work as per design and drawing with necessary hardware and polihs work all complete as per approval of site engineer	cum	1.00			
1.25	Supplying and installation of Wooden decorative item of size (940 x 230 x 160) with carved work as per design and drawing with necessary hardware and polihs work all complete as per approval of site engineer	cum	0.55			
1.26	Supplying and installation of Wooden decorative item of size (260 x 260 x 100) with carved work as per design and drawing with necessary hardware and polihs work all complete as per approval of site engineer	cum	0.11			
1.27	Supplying and installation of Wooden Railing Work with 80 x25x800 mm Decorative Post, 100 x 50 mm wooden railing, 100 x25 mm wooden framing work with necessary hardware and polish work all complete as per design and approval of site engineer	rm	22.50			
1.28	Supplying and installation of Wooden Frame (100 x100x 1100) with necessary hardware and polish work all complete as per design and approval of site engineer	cum	0.57			
1.29	Heavey Coated Machine Made Gabion Boxes (mesh wire -3mm,salvedge wire-3.9mm,Lacing wire-2.4mm & mesh size (10*12)cm hexagonal mesh size (2*1*1)	box	40.00			
1.30	Stone Filling in Gabion Box as directed by site engineer	cum	80.00			
1.31	2 coats Enamel painting including one coat of primer as required per site condition as directed by engineer	sq.m	837.00			

Electrical installation work
CPV: 45310000-3 - Electrical installation work

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
2.1	Wiring for light and fan points with PVC insulated multi strand FRLS, 1100 V grade copper wire through 20/25mm FRLS grade Heavy Stress uPVC conduit in walls, ceilings, false ceiling and floors including circular Box ,bends ,saddle and all neceesary accessories for conduit as per drawing and instruction all complete.(wire Make:Trishakti, Pioneer , Prakash or equivalent /Conduit make :GM ,Polycab or Anchor equivalent) 3x2.5 +1x1.5 sq. mm cable from DB to switchboard	pts	30.00			
2.2	Wiring for light and fan points with PVC insulated multi strand FRLS, 1100 V grade copper wire through 20/25mm FRLS grade Heavy Stress uPVC conduit in walls, ceilings, false ceiling and floors including circular Box ,bends ,saddle and all neceesary accessories for conduit as per drawing and instruction all complete.(wire Make:Trishakti, Pioneer , Prakash or equivalent /Conduit make :GM ,Polycab or Anchor equivalent) 2x1.5 sq. mm cable from switch board to light and looping of light	pts	248.00			
2.3	Wiring for 16 Amp General power outlets wiring with PVC insulated multi strand FRLS, 1100 V grade copper wire through 20/25mm FRLS grade Heavy Stress uPVC conduit in walls, ceilings, false ceiling and floors including ,bends ,GI metal Box saddle and all neceesary accessories for conduit as per drawing and instruction all complete.(Make: Trishakti , Pioneer , Prakash or equivalent /Conduit make :GM ,Polycab,Anchor) 2x4+1x2.5 s.q mm cable from DB to 1st power socket	pts	33.00			
2.4	Wiring for 16 Amp General power outlets wiring with PVC insulated multi strand FRLS, 1100 V grade copper wire through 20/25mm FRLS grade Heavy Stress uPVC conduit in walls, ceilings, false ceiling and floors including ,bends ,GI metal Box saddle and all neceesary accessories for conduit as per drawing and instruction all complete.(Make: Trishakti , Pioneer , Prakash or equivalent /Conduit make :GM ,Polycab,Anchor) 2x2.5+1x1.5 sq. mm cable for looping of power socket	pts	74.00			

Electrical installation work
CPV: 45310000-3 - Electrical installation work

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
2.5	Wiring for 16 Amp General power outlets wiring with PVC insulated multi strand FRLS, 1100 V grade copper wire through 20/25mm FRLS grade Heavy Stress uPVC conduit in walls, ceilings, false ceiling and floors including ,bends ,GI metal Box saddle and all neceesary accessories for conduit as per drawing and instruction all complete.(Make: Trishakti , Pioneer , Prakash or equivalent /Conduit make :GM ,Polycab,Anchor) 16 A , 6 Pin double Switch Socket . (Make: Legrand / North west or equivalent)	nos	107.00			
2.6	Supply, Delivery, Installation Testing and Commissioning of following Modular type Switches/Sockets with all applicable accessories such as Heavy Duty GI Metal Box /PVC Box, Junction Box all complete. (North West / Legrand/ Schneider make) 2 gang 1 way switch	nos	13.00			
2.7	Supply, Delivery, Installation Testing and Commissioning of following Modular type Switches/Sockets with all applicable accessories such as Heavy Duty GI Metal Box /PVC Box, Junction Box all complete. (North West / Legrand/ Schneider make) 8 Gang 1 way switch	nos	36.00			
2.8	Supply, Delivery, Installation Testing and Commissioning of following FAN and LIGHT FIXTURES with all applicable accessories as per drawings ,specifications and instructions all complete. (Make: Wipro,Havells,Opple or equivalent) 18 w round/square LED panel Light Recess/Surface	set	248.00			
2.9	Supply, Delivery, Installation Testing and Commissioning of following FAN and LIGHT FIXTURES with all applicable accessories as per drawings ,specifications and instructions all complete. (Make: Wipro,Havells,Opple or equivalent) 6 w led light	nos	62.00			
2.10	Supply, Delivery, Installation Testing and Commissioning of following FAN and LIGHT FIXTURES with all applicable accessories as per drawings ,specifications and instructions all complete. (Make: Wipro,Havells,Opple or equivalent) 8/10" dia Heavy duty metal body exhaust fan with complete canopy work	nos	6.00			

Electrical installation work
CPV: 45310000-3 - Electrical installation work

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
2.11	Supply & embedding of earth Station as per IS 3043-1966 comprising with all fixing materials, including testing & commissioning of maintenance free Chemical earthing with Dual Pipe technology 6 meter long GI with Outer dia. of 76.2 mm and inner dia of 38.1 mm with 100 micron galvanization and connecting with 25 Sq.mm Cu PVC insulated Conductor as earth lead from earthing elctrode to the earth terminal box and earth chamber for inspection as per drawings ,specifications and instruction all complete. (Make: Ashlok or equivalent.)	set	10.00			
2.12	25 Sq.mm PVC insulated copper condcutor.	rm	150.00			
2.13	Supply Installation ,Testing ,Commissioning of Early Streamer Emission (ESE) Lightning Protection Air Terminal for Protection Radius of 50 mtr with Lightning Strike Counter and required mounting arrangements of 5m high GI Pipe support structure with base plate, Stay wire and accesories as per drawing,specifications and instructions all complete. (Make: LPI or equivalent)	set	1.00			
2.14	supply and installation of 70 sq. mm Cu cable	rm	50.00			
2.15	LT-PANEL:Supply ,installation ,testing and commissioning of Pad mounting Type for LT Panel fabricated out of 16 SWG CRC sheet steel duly treated under 7 tank proccesed and finally painted with epoxy paint having lockable hinged top cover over inner metallic cover, as per drawings , specifications and instructions all complete. Fabrication drawing shall be submitted for approval: (MCCB / MCB's make: Legrands DX3 Series /Siemens or Schneider) , 3-Phase, Main Panel Board, Incomer : 100 A 4P MCCB,25 kA (1 Nos), 80 A 4P MCCB ,35 kA (1 Nos), ATS & manubal changeover as per drawing , Outgoings: 100 A TP MCCB, (1 Nos), 60 A TP MCCB, (2 Nos) , 40 A TP MCCB, (3 Nos) , 32 A TP MCCB, (1 Nos) & Bus Bar : 50A TPNE (1 set) , Multi Function Meter with CT Coil (1 set) , Indicators with 2A SP MCB (1 set)	set	1.00			

Electrical installation work CPV: 45310000-3 - Electrical installation work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
2.16	GDB /FDB/SDB: Supply ,installation ,testing and commissioning of Flush mounting type for Floor distribution Baord and sub distribution boards, fabricated out of 16 SWG CRC sheet steel duly treated under 7 tank proccesed and finally painted with epoxy paint having lockable hinged top cover over inner metallic cover, as per drawings , specifications and instructions all complete. Fabrication drawing shall be submitted for approval: (MCCB / MCB's make: Legrands DX3 Series /Siemens or Schneider), 3-Phase, Floor Distribution Board, Incomer 1 : 32 A TP MCB(1 Nos) , Incomer 1 : 32 A 4P RCCB (1 Nos) , Outgoings: 6/16 A (22 Nos) , Indicators with 2A SP MCB (1 set), Multi Function Meter with CT Coil(1 set)	set	3.00			
2.17	UPS DB, 3-Phase, Floor Distribution Board :Supply ,installation ,testing and commissioning of Flush mounting type distribution boards, fabricated out of 16 SWG CRC sheet steel duly treated under 7 tank proccesed and finally painted with epoxy paint having lockable hinged top cover over inner metallic cover, as per drawings , specifications and instructions all complete. Fabrication drawing shall be submitted for approval: (MCCB / MCB's make: Legrands DX3 Series /Siemens or Schneider), Incomer 1 : 16 A DP MCB (1 Nos) , Incomer 1 : 16 A DP RCCB (1 Nos), Outgoings: 6/16 A (4 Nos), Indicators with 2A SP MCB (1 set)	set	1.00			
2.18	OUTDOOR DB: 3-Phase, Floor Distribution Board :Supply ,installation ,testing and commissioning of Flush mounting type distribution boards, fabricated out of 16 SWG CRC sheet steel duly treated under 7 tank proccesed and finally painted with epoxy paint having lockable hinged top cover over inner metallic cover, as per drawings , specifications and instructions all complete. Fabrication drawing shall be submitted for approval: (MCCB / MCB's make: Legrands DX3 Series /Siemens or Schneider), Incomer 1 :32 A TP MCB(1 Nos) , Outgoings: 32 A DP MCB(2 Nos) , Outgoings: 6/10/16 A SP MCB(8Nos) , Indicators with 2A SP MCB(1 set) , Multi Function Meter with CT Coil(1 set)	set	1.00			

Electrical installation work
CPV: 45310000-3 - Electrical installation work

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
2.19	UTILITY DB: 3-Phase, Floor Distribution Board :Supply ,installation ,testing and commissioning of Flush mounting type distribution boards, fabricated out of 16 SWG CRC sheet steel duly treated under 7 tank proccesed and finally painted with epoxy paint having lockable hinged top cover over inner metallic cover, as per drawings , specifications and instructions all complete. Fabrication drawing shall be submitted for approval: (MCCB / MCB's make: Legrands DX3 Series /Siemens or Schneider), Incomer 1 : 32 A TP MCB (1 Nos), Outgoings: 6/16 A SP MCB(7 Nos), Indicators with 2A SP MCB (1 set)	set	1.00			
2.20	Supply, Delivery, Installation & commission of mains cable from transformer/ Generator /to control panel/HVAC Panel as per drawing and specification including cable shoe at both ends. Note: cost of this item or work shall not include cost of the cable trench & cost of the cable tray. 4 core 35 sq. mm Al. Arm Cable	rm	50.00			
2.21	Supply, Delivery, Installation & commission of mains cable from transformer/ Generator /to control panel/HVAC Panel as per drawing and specification including cable shoe at both ends. Note: cost of this item or work shall not include cost of the cable trench & cost of the cable tray. 4 core 10 sq. mm Cu. Arm Cable	rm	70.00			
2.22	Supply, Delivery, Installation & commission of mains cable from transformer/ Generator /to control panel/HVAC Panel as per drawing and specification including cable shoe at both ends. Note: cost of this item or work shall not include cost of the cable trench & cost of the cable tray. 1 core 6 sq. mm Cu. Arm Cable	rm	50.00			
2.23	UPS System: Supply and installation of 15 KVA Online UPS for the emergency supply of whole system with 65 Ah battery lead acid battery-16 PCS	set	1.00			
2.24	Generator system :Supply, Installation, Testing, Commissioning and Erection of Sound Proof50 kVA, 415 Volt, 3 Phase, 50 Hz standby Diesel Generator with all the ancillary equipments base frame coupling, complete ,Exhaust pipe with arrangements, Piping system, Battery with its charger ,RCC Pad & dampers as per design, drawings and Instruction all complete. (Make: Kirloskar or equivalent)	nos	1.00			

Electrical installation work CPV: 45310000-3 - Electrical installation work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
2.25	Transformer system: 50 KVA, 11/0.415KV, 3 Phase, 50Hz, ONAN Colling, Core type, Copper Wound, Outdoor Distribution Transformer with low loss as per NEA Distribution Transformer and also with Supply and installation of Double Pole HT Structure for 11kV supply intake with 2 nos of 11m high steel tubular pole with necessary steel hardware as per drawing and specification with followings: 6 nos of 11kV pin insulators, 3 nos of 11kV disc insulators, 1 set 9kV 3-pole lightening arrestor, 1 set 11kV 3-pole Do-fuse, necessary drop wire to connect DO fuse & LA and other necessary steel hardware. Supply and stringing of 0.05 sq.inch ACSR conductor with necessary steel hardware and Pin insulators. Supply and installation of stay 2 set including Rechargble Cost, Shutdown Charge and others necessary materials and Charges of NEA. Civil Foudation, Installation and Commissioning along with all the miscellaneous items required for the installation (Make: Tranweld or equivalent)	nos	1.00			
2.26	Voltage Stabilizers: Supply, installation and commissioning of 50 KVA servo stabilizer with bypass system - Capacity-50 KVA,Usage/Application-Industrial,Input Voltage-330 V- 470 V,Phase- 3 phase,Control Type-Digital controller,Output Voltage-400V +/-1%,Cooling Type-Oil cooled	nos	1.00			
2.27	Wiring of Telephone Point with RJ 45, CAT6e swg 23 Cable from Distribution Frame/Junction to Nominated Place through 20/25mm Listic/PVC rigid conduit in walls, ceilings, false ceiling, Cable trench and floors including PVC circular Box as per drawing ,specification and instruction all complete.(Make:Legrand , D-link ,schneider or equivalent)	pts	30.00			
2.28	RJ45 Telephone socket	nos	30.00			
2.29	3-32 NEC EPABX System	nos	1.00			
2.30	Telephone set	nos	30.00			

Electrical installation work
CPV: 45310000-3 - Electrical installation work

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
2.31	Data cabling works for LAN :Wiring of Data Point with RJ 45, Cat 6 swg 23 Data Cable from Distribution Frame/Junction Box to Nominated Place through 16/20mm Listic/ HDP conduit in walls, ceilings, false ceiling and floors including PVC circular Box as per drawing and instruction all complete.(Make:Legrand/Schneider/D-Link or equivalent)	pts	30.00			
2.32	RJ45 Socket	nos	30.00			
2.33	6U rack with patch panel and patch cord	nos	3.00			

Plumbing and sanitary works
CPV: 45330000-9 - Plumbing and sanitary works

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
3.1	Combode Set: Providing and fixing in position of all work items with all necessary fittings complete with testing and ready for operation as per drawings, specifications, manufacturer's recommendations and instructions. The rate shall include for position marking, maintain line, level or grade wherever required, sand filling/compaction, earth cutting and backfilling, cutting, chasing of walls, plasters or tiles etc. and making good and touching up to restore to original conditions wherever instructed and applicable as per Drawing, Specification and Instruction of engineer and ready for operation.	set	25.00			
3.2	White glazed earthernware Wall-hung Large Flat back Urinal cm complete division plate testing and ready for operation	set	12.00			
3.3	White glazed earthernware wall hung Hand wash basin complete set, CP/PVC connector with both ends couplings, CP swan neck, PVC bottle trap, waste coupling with testing and ready for operation.	set	22.00			

Plumbing and sanitary works CPV: 45330000-9 - Plumbing and sanitary works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
3.4	WATER SUPPLY INSTALLATION: CPVC pipes SDR-11 including MS clamps and brackets, nails and hooks, and all necessary CPVC/Brass fitting 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 length, fittings etc not payable seperately. 20 mm	rm	180.00			
3.5	WATER SUPPLY INSTALLATION: CPVC pipes SDR-11 including MS clamps and brackets, nails and hooks, and all necessary CPVC/Brass fitting 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 length, fittings etc not payable seperately.25 mm	rm	30.00			
3.6	2000 litres capacity HDPE vertical water storage tank complete with inter-connection, overflow, washout and vents	no	2.00			
3.7	SEWER, VENT, RAIN AND WASTE WATER INSTALLATION: PVC SWR (Soil, Waste, Rain) pipes with all necessary ring gaskets, PVC fittings,stack venting including SS split clamps, hangers, threaded rod, steel grip, 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 length, fittings etc not payable seperately.:110 mm ED UPVC pipe 6 kg/cm2	rm	120.00			

Plumbing and sanitary works CPV: 45330000-9 - Plumbing and sanitary works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
3.8	SEWER, VENT, RAIN AND WASTE WATER INSTALLATION: PVC SWR (Soil, Waste, Rain) pipes with all necessary ring gaskets, PVC fittings,stack venting including SS split clamps, hangers, threaded rod, steel grip, 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 length, fittings etc not payable seperately.: 50 mm ED UPVC pipe 6 kg/cm2	rm	100.00			
3.9	Toilet Pan as specified by site incharge	set	3.00			

Total Item Price	
VAT (13.00%)	
Grand Total	