Bill of Quantities (BOQ)

Construction of Building of Belbari Multiple Campus

IFB No.: 801011304/BM/MOR/W/NCB-04-2083/084

Provisional Sum					
SL. No.	**Item Description**	**Unit**	**Quantity**	**Unit Rate (NPR)**	**Amount (NPR)**
PS.1	ProvisionaProvide 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.	PS	1.00	5,000.00 Five thousand rupees only.	5,000.00 Five thousand rupees only.
PS.2	Provide insurance of works, materials, construction equipment and against accidents to work force including third party insurance all complete.	PS	1.00	5,00,000.00 Five lakh rupees only.	5,00,000.00 Five lakh rupees only.
PS.3	Providing, supplying and maintaining approved Personal Protective Equipment (PPE) including safety helmets, safety shoes/boots, hand gloves, safety goggles, reflective safety vests, safety harnesses (where required), face masks, ear protection, safety signs, warning boards, barricade tapes and all other necessary safety items for workers throughout the construction period, complete as per specifications and the directions of the Engineer-in-Charge	PS	1.00	2,00,000.00 Two lakh rupees only.	2,00,000.00 Two lakh rupees only.
PS.4	Provision for design, supply, installation, construction, finishing and completion of various interior and exterior beautification works, including architectural/interior features, decorative works, wall and ceiling finishes, flooring, partitions, display features, furniture/fixtures, landscaping, paving, plantation/greenery, seating arrangements, decorative structures, lighting, signage and other associated works, complete in all respects as directed by the Employer/Engineer and in accordance with approved drawings, specifications and instructions of the Engineer	PS	1.00	10,81,760.41 Ten lakh eighty-one thousand seven hundred sixty rupees and forty-one paisa only.	10,81,760.41 Ten lakh eighty-one thousand seven hundred sixty rupees and forty-one paisa only.
PS.5	Preparation and submission of As-Built Drawings (Architectural, Structural, Electrical, Plumbing & Sanitary, and other services as applicable) in hard copy and soft copy, complete as approved by the Engineer	PS	1.00	1,60,000.00 One lakh sixty thousand rupees only.	1,60,000.00 One lakh sixty thousand rupees only.
	Total provisional sums				19,46,760.41 Nineteen lakh forty-six thousand seven hundred sixty rupees and forty-one paisa 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	Carrying out material testing, including concrete cube testing and other required tests, as directed by the Site Engineer, to verify compliance with the approved specifications and relevant standards. The Contractor shall arrange all necessary test samples, materials, equipment, testing apparatus, tools, labour, transportation, laboratory/testing charges and all associated expenses for conducting the tests, including collection and preparation of samples, casting, curing and testing of concrete cubes, recording of test results and submission of test reports, complete in all respects as instructed and approved by the Engineer	Nos	1.00			
1.24	Site Clearance of working area after and before works as per drawing and technical specification and instruction of the Engineer.	Sqm	1,080.66			
1.25	Excavation in all types of soil as per drawing and technical specification, including removal of stumps and other deleterious matter, with all lifts and lead as per Drawing and instruction of the Engineer.	Cum	487.85			
1.26	Earth Filling in 150 mm Thick layer, Watering, Ramming including supply of Filling material all complete as per drawing and and specification	Cum	451.83			
1.27	Flat Stone Soling in Foundation and floor including sand filling in joints, leveling ,ramming etc.all complete	Cum	143.01			
1.28	Plain cement concrete PCC M10 (1:3:6) work in foundation and floors with cement, sand and crused aggregate of 10 mm to 38 mm gauge including mixing with mixture machine & compaction by vibrator, laying in line & level with curing all type of works complete as per specification & instruction	Cum	70.47			
1.29	Plain cement Concrete (PCC) in 1:1.5:3 ratio (M20) for RCC works in column, beam, slab etc. with approved quality of cement, sand and stone aggregate including mixing, laying, compacting and curing etc all complete as per design, drawing and specification.	Cum	524.63			

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)**
1.30	Steel reinforcement bar of Fe 415/500 grade including straightening, cleaning, cutting, bending, placing in position and binding with annealed binding wire all complete as per design, drawing and specification.	Mt	69.25			
1.31	Formwork, shuttering, centering with plywood and wooden post necessary propping, scaffolding, staging, supporting and removal etc all complete in perfect line and level as per design, drawing and specification.	Sqm	3,785.80			
1.32	First class chimney Made brick work in Cement sand motar (1:4) in perfect line and level including wetting the brick,packing the joints and curring all types of works as per specication and instruction by Engineer	Cum	367.57			
1.33	Providing, supplying and fixing Sal Wood chaukhat (door/window frame), including painting and all necessary fittings, at any level, finished smooth, complete with all required materials, labour, tools and equipment, as per drawings, specifications, instructions and approval of the Engineer, all complete.	Cum	1.34			
1.34	Providing, Supplying and applying Readimade Door Satar 32 mm thick inchuding all nessary fitting etc at any level, finished smooth including Supplying of materials, labour, etc., as per drawing, instructions and approval of engineer all complete.	Sqm	93.21			
1.35	Providing, supplying and fixing aluminium sliding windows with 60 × 60 mm frame, 66 × 42 mm sash, glazed with 5 mm thick clear glass, complete with all necessary fittings, fixtures, labour, materials, installation, sealing, and finishing, as per approved drawings and the instructions of the Engineer-in-Charge, complete in all respects.	Sqm	120.24			
1.36	Supplying, making and fixing of Iron Grill (5 x 20 mm or 5 x 22 mm) in windows and ventilations of approved design including cost of materials, fixing and fitting, polishing as per drawing, specification, instructions and approval of engineer all complete. (Weight :15 Kg/Sqm)	Sqm	120.24			

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)
1.37	38 mm thick(1:2:4) cement concrete Flooring with punning in (1:1) cement sand mortar including mixing, curing, finishing as per drawing, specification and approval of engineer all complete	Sqm	1,972.19			
1.38	12.5mm thick cement sand plaster in (1:4) ratio onWall/ Ceiling with good finish including supplying of approved quality of cement & sand, chiping the concrete surface, wetting the surfaces & curing the work all complete as per the design, drawing and specification..	Sqm	5,567.98			
1.39	Providing, supplying and applying one coat primer and two coats of approved plastic emulsion paint on wall and ceiling surfaces, including surface preparation, putty/filler work, labour, materials, tools, scaffolding, and all necessary works complete as per specifications and approval of the Engineer-in-Charge	Sqm	5,248.31			
1.40	Providing, supplying, fabricating and fixing 900 mm high Stainless Steel (SS) railing of approved design and shape for verandahs, balconies and staircases, comprising 50 mm diameter SS handrail, 40 mm diameter SS vertical posts, 75 mm SS balusters, and 20 mm diameter stainless steel horizontal pipes (3 lines). The item shall be completed in all respects as per the approved drawings, technical specifications, and the direction and approval of the Engineer-in-Charge	Rm	49.32			
1.41	Providing, Supplying and applying Indian Floor Tile inchuding all nessary fitting etc at any level, finished smooth including Supplying of materials, labour, etc, as per drawing, instructions and approval of engineer all complete.	Sqm	304.99			
1.42	Providing, supplying and fixing granite, including cutting, dressing, polishing and finishing smooth, with all necessary fittings, joints, supports and accessories at any level, including all required materials, labour, tools and equipment, as per drawings, specifications, instructions and approval of the Engineer, complete in all respects	Sqm	84.15			

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)**
1.43	Cement Finishing Skriting works (1:1) cement sand mortar including mixing, curing, finishing as per drawing, specification and approval of engineer all complete	Sqm	140.00			
1.44	Providing and supplying metallic collapsible chain gate, weighing 50 kg/m^2, including all necessary materials, fittings, fabrication, painting, finishing, installation, and fixing, complete in all respects, as per the approved drawings, specifications, and instructions of the Engineer, including all associated works, labor, tools, equipment, and incidentals, complete	Sqm	27.85			
1.45	Supplying, making and fixing of Iron Grill (5 x 20 mm or 5 x 22 mm) in windows and ventilations of approved design including cost of materials, fixing and fitting, polishing as per drawing, specification, instructions and approval of engineer all complete. (Weight :20 Kg/Sqm)	Sqm	27.75			
1.46	Providing, supplying and laying PVC insulated copper wire, 1.5 sq.mm, including all necessary fittings, accessories, connectors, clips, saddles and supports, at any level, complete with all materials, labour, tools and equipment, properly installed and finished, as per drawings, specifications, instructions and approval of the Engineer.	Mtr	2,500.00			
1.47	Providing, supplying and laying PVC insulated copper wire, 2.5 sq.mm, including all necessary fittings, accessories, connectors, clips, saddles and supports, at any level, complete with supply of all materials, labour, tools and equipment, properly installed and finished smooth, as per drawings, specifications, instructions and approval of the Engineer, complete in all respect.	Mtr	900.00			
1.48	Providing, supplying and laying PVC insulated copper wire, 0.75 sq.mm, including all necessary fittings, accessories, connectors, clips, saddles and supports, at any level, complete with supply of all materials, labour, tools and equipment, properly installed and finished smooth, as per drawings, specifications, instructions and approval of the Engineer, complete in all respects	Mtr	270.00			

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)
1.49	Providing, supplying and laying of 4-core, 16 sq.mm ABC (Aerial Bundled Cable), unarmoured, including all necessary fittings, accessories, cable glands/terminations, connectors, clamps, supports and fixing arrangements, at any level, complete with supply of all materials, labour, tools and equipment, properly installed and finished, as per drawings, specifications, instructions and approval of the Engineer, complete in all respects	Mtr	200.00			
1.50	Providing, supplying, delivering and installing complete copper plate earthing system for building electrical installation, comprising 600 × 600 × 3 mm thick electrolytically pure copper plate, installed at a minimum depth of 3.0 m below ground level, surrounded by alternate layers of charcoal and common salt to a minimum thickness of 300 mm around the electrode. Including 8 SWG bare copper earth conductor from earth plate to MPB and all FDBs, complete with clamps, connectors, nuts, bolts, test links, fixing and jointing materials, watering arrangement and all necessary accessories. The rate shall include excavation, installation, connection, backfilling, compaction, disposal of surplus excavated material, making good the surface, labour, tools, equipment and all incidentals, complete as per approved drawings, specifications, applicable electricity rules, Engineer's instructions and approval	Nos	2.00			
1.51	Providing, supplying and installing of exhaust fan, 6 to 9 inch size, complete with all necessary fittings, accessories, mounting frame, screws, fasteners, electrical connections, flexible conduit/wiring and supports, including supply of all materials, labour, tools and equipment, at any level, properly installed, tested and finished, as per drawings, specifications, instructions and approval of the Engineer, complete in all respects	Nos	8.00			

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)
1.52	Providing, supplying, delivering, installing, testing and commissioning of Main LT Panel (MLTP), floor-mounted, fabricated	Nos	1.00			

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)**
	from CRCA sheet steel, powder-coated, lockable, IP42 enclosure, suitable for 415/230V, 3-phase, 4-wire, 50Hz supply, complete with 63A TPN, 25kA MCCB incomer; 63A, 100mA, 4-pole RCCB; 63A TPN copper busbar; provision for 3-phase CT-operated energy meter; R-Y-B LED phase indicator lamps; 0–500V digital voltmeter with selector switch; digital ammeter with suitable CTs and selector switch; Type-2, 4-pole SPD; two outgoing feeders each comprising 32A TPN MCB for Ground Floor DB and First Floor DB; (or more) cable glands, lugs, terminal blocks, neutral and earth bars, internal wiring, labels and all necessary accessories. Including connection/termination of outgoing 4-core × 16 mm^2 riser cables, transportation, unloading, positioning, fixing, testing and commissioning, complete in all respects as per approved drawings, specifications and Engineer's instructions.					
1.53	Providing, supplying, delivering, installing, testing and commissioning of Floor Distribution Board (Floor DB), wall-mounted near staircase, fabricated from CRCA sheet steel, powder-coated, lockable, IP42, 12-way enclosure, suitable for 415/230V, 3-phase, 4-wire supply, complete with 32A TPN MCB incomer, 40A, 100mA, 4-pole RCCB, and outgoing circuits comprising 2 Nos. 20A SPN MCBs for Wing-A and Wing-B Sub-DB feeders, 2 Nos. 16A SPN MCBs for Toilet-A and Toilet-B circuits, 1 No. 6A SPN MCB for corridor lighting, 1 No. 20A SPN MCB for office lighting/fans/sockets, 1 No. 20A SPN MCB for dedicated office AC, and 1 No. 6A SPN MCB (or more) for of staircase lighting. Complete with neutral and earth bars, internal copper busbars, wiring, terminals, cable glands, lugs, labels, ferrules and all necessary accessories. Including connection to incoming riser cable, outgoing circuit connections, fixing, testing and commissioning, complete in all respects as per approved drawings, specifications and Engineer's instructions	Nos	2.00			
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)**
1.54	Providing, supplying, delivering, installing, testing and commissioning of Classroom Wing Sub-Distribution Board,	Nos	2.00			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
	wall-mounted, fabricated from CRCA sheet steel, powder-coated, lockable, IP42, 13-way enclosure, suitable for 230V, single-phase supply, complete with 32A SPN MCB incomer, 25A, 30mA, 2-pole RCCB, and outgoing circuits comprising 4 Nos. 6A SPN MCBs for classroom lighting circuits, 4 Nos. 6A SPN MCBs for classroom fan circuits and 4 Nos. 16A SPN MCBs for classroom socket circuits, one set of circuits for each of the four classrooms in the wing. Complete with neutral and earth bars, copper busbar, internal wiring, terminal blocks, cable glands, lugs, ferrules, circuit identification labels and all necessary accessories. Including connection to incoming feeder from Floor DB, outgoing circuit connections, fixing, testing and commissioning, complete in all respects as per approved drawings, specifications and Engineer's instructions					
1.55	Providing, supplying and installing of 8-gang modular switch/socket combination unit, comprising one-way switches, indicator, 2-pin sockets and 6 Amp fan regulator, complete with suitable modular plate, box, wiring, connectors, terminals, screws, mounting accessories and all other necessary fittings. The work shall include supply of all materials, labour, tools and equipment, installation at any level, proper fixing and finishing, testing and commissioning, as per drawings, specifications, instructions and approval of the Engineer, complete in all respects	Nos	78.00			
1.56	Providing, supplying and installing of 36-inch ceiling fan, complete with fan motor, blades, canopy, down rod, suspension arrangement, ceiling hook, necessary wiring, connectors, fasteners and all other required fittings and accessories. The work shall include supply of all materials, labour, tools and equipment, installation at any level, proper fixing, alignment, testing and commissioning, as per drawings, specifications, instructions and approval of the Engineer, complete in all respects	Nos	64.00			

Building construction work
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SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.57	Providing, supplying and installing of PVC junction box, size 4" × 6", complete with suitable cover, cable entry provisions, connectors, terminals, screws, fasteners and all necessary fittings and accessories. The work shall include supply of all materials, labour, tools and equipment, installation at any level, proper fixing and finishing, as per drawings, specifications, instructions and approval of the Engineer, complete in all respects	Nos	78.00			
1.58	Providing, supplying and installing of PVC junction box, size 4" × 4", complete with suitable cover, cable entry provisions, connectors, terminals, screws, fasteners and all necessary fittings and accessories. The work shall include supply of all materials, labour, tools and equipment, installation at any level, proper fixing and finishing, as per drawings, specifications, instructions and approval of the Engineer, complete in all respects	Nos	206.00			
1.59	Providing, supplying and installing of 16 Amp power socket with switch and indicator, complete with suitable modular plate, mounting box, terminals, connectors, screws, fasteners and all necessary fittings and accessories. The work shall include supply of all materials, labour, tools and equipment, installation at any level, proper fixing and finishing, testing and commissioning, as per drawings, specifications, instructions and approval of the Engineer, complete in all respects	Nos	32.00			
1.60	Providing, supplying and installing of bulb holder, suitable for standard LED/incandescent lamp, complete with ceiling/angle holder as required, terminals, connectors, screws, mounting accessories and all necessary fittings. The work shall include supply of all materials, labour, tools and equipment, installation at any level, proper fixing and finishing, testing and commissioning, as per drawings, specifications, instructions and approval of the Engineer, complete in all respects	Nos	142.00			

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)
1.61	Providing, supplying and installing of ceiling rose, suitable for electrical ceiling connection, complete with terminals, connectors, screws, mounting accessories and all necessary fittings. The work shall include supply of all materials, labour, tools and equipment, installation at any level, proper fixing and finishing, testing and commissioning, as per drawings, specifications, instructions and approval of the Engineer, complete in all respects	Nos	64.00			
1.62	Providing, supplying and installing of 30 Watt LED bulb, complete with suitable lamp holder/compatible base, electrical connections and all necessary fittings and accessories. The work shall include supply of all materials, labour, tools and equipment, installation at any level, proper fixing and finishing, testing and commissioning, as per drawings, specifications, instructions and approval of the Engineer, complete in all respects	Nos	142.00			
1.63	Providing, supplying and laying of HDPE pipe/conduit for underground electrical wiring, of approved size and quality, including all necessary bends, couplers, sockets, junctions, end caps, supports and other required fittings and accessories. The work shall include excavation/trenching where required, laying, jointing, alignment, protection, backfilling and finishing, together with all materials, labour, tools and equipment, as per drawings, specifications, instructions and approval of the Engineer, complete in all respects	KG	200.00			

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)
1.64	Supply, delivery, fixing, testing and commissioning of PVC SWR (Soil, Waste Water & Rain Water) pipe, 110 mm dia., 6 kg/cm^2 pressure rating, complete with necessary ring gaskets, PVC fittings including tees, elbows, crosses, modular clamps, hangers and all required accessories. The work shall include cutting, jointing, sealing and installation in trenches, walls, floors, ducts or suspended from ceilings as shown on drawings. It shall also include making necessary holes and cutting grooves in walls/floors and restoring the surfaces	Rm	110.00			

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)**
	to their original finish. The system shall be cleaned, tested and made ready for operation. The rate shall include all necessary materials, labour, tools, equipment, fittings and accessories. Measurement shall be based on running metres, and all fittings and accessories shall be deemed included in the pipe rate and shall not be measured or paid for separately. All complete as per drawings, specifications and instructions of the Site Engineer					
1.65	Supply, delivery, fixing, testing and commissioning of white glazed earthenware Orissa Pan, size 520 × 420 × 275 mm, of Hindware, Parryware, COTO, Bencardo or equivalent approved make, complete with trap pipe, pipe connector and all necessary accessories, including fixing, testing and commissioning, all complete as per specifications, drawings and instructions of the Site Engineer	Nos	12.00			
1.66	Supply, delivery, fixing, testing and commissioning of white glazed earthenware one-piece water closet commod, size 645 × 360 × 705 mm, of Hindware, Parryware, Bencardo or equivalent approved make, complete with standard seat cover, brackets, PVC connector pipe and all necessary accessories, including fixing, testing and commissioning, complete and ready for operation, as per specifications, drawings and instructions of the Site Engineer	Nos	4.00			
1.67	Supply, delivery, fixing, testing and commissioning of Gents Urinal, size 345 × 270 × 455 mm, complete with auto push cock, waste coupling and all necessary fixing partasion , accessories, including testing and commissioning, complete and ready for operation, as per specifications and instructions of the Site Engineer	Nos	10.00			
1.68	Supply, delivery, fixing, testing and commissioning of white glazed earthenware pedestal hand wash basin, size 500 × 400 × 825 mm, complete with 15 mm CP/PVC connector pipes with both-end couplings, 15 mm CP swan-neck type pillar cock, waste coupling, anchor bolts and all necessary accessories, including fixing, testing and commissioning, complete and ready for operation, as per specifications and instructions of the Site Engineer	Nos	12.00			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.69	Supplying and fixing 20 mm dia. UPVC (Unplasticized Polyvinyl Chloride) pipe, SDR-11, complete with uPVC fittings/specials including tees, elbows, unions, etc., MS plate clamps with nuts and bolts and hexagonal screws for fixing to walls/ceilings, nails, jointing materials and all necessary accessories. The work shall include cutting, jointing, installation of pipes and specials, making necessary holes in walls/floors and repairing the same to the original finish, cleaning, testing and commissioning of the complete system. The rate shall include all necessary materials, labour, tools, equipment and accessories. All complete as per specifications, drawings and instructions of the Site Engineer	Mtr	250.00			
1.70	Providing, supplying and installing of 15 mm brass bibcock tap, heavy-duty and of approved make and quality, complete with all necessary fittings, connectors, nipples, washers, PTFE tape, joints and accessories required for proper installation. The work shall include supply of all materials, labour, tools and equipment, installation at any level, proper fixing, testing for leakage and finishing, as per drawings, specifications, instructions and approval of the Engineer, complete in all respects	Nos	24.00			
1.71	Providing, supplying and installing of steel soap case, made of good quality stainless steel/steel, of approved size and design, complete with brackets, screws, anchors, supports and all necessary fittings and accessories. The work shall include supply of all materials, labour, tools and equipment, installation at any level, proper fixing and finishing, as per drawings, specifications, instructions and approval of the Engineer, complete in all respects	Nos	12.00			
1.72	Supply, delivery, fixing, testing and commissioning of heavy-duty CP (Chrome Plated) toilet paper holder, Indian pattern, complete with all necessary fixing accessories, including testing and commissioning, complete and ready for use, as per specifications and instructions of the Site Engineer	Nos	12.00			

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)
1.73	Supply, delivery, fixing, testing and commissioning of PVC SWR (Soil, Waste Water & Rain Water) pipe, 50 mm dia., 6 kg/cm^2 pressure rating, complete with necessary ring gaskets, PVC fittings including tees, elbows, crosses, modular clamps, hangers and all required accessories. The work shall include cutting, jointing, sealing and installation in trenches, walls, floors, ducts or suspended from ceilings as shown on drawings. It shall also include making necessary holes and cutting grooves in walls/floors and restoring the surfaces to their original finish. The system shall be cleaned, tested and made ready for operation. The rate shall include all necessary materials, labour, tools, equipment, fittings and accessories. Measurement shall be based on running metres, and all fittings and accessories shall be deemed included in the pipe rate and shall not be measured or paid for separately. All complete as per drawings, specifications and instructions of the Site Engineer	Mtr	110.00			
1.74	Supply, delivery, fixing, testing and commissioning of 2000 litres capacity, 5-layer plastic cylindrical vertical water storage tank, roto/blow moulded, of Hilltake, Paras, Janaki or equivalent approved make, complete with all necessary interconnections, inlet/outlet connections, overflow, washout/drain and vent arrangements, including all required fittings, supports, connectors and accessories. The work shall include installation, connection, testing, cleaning and commissioning, complete and ready for operation, as per specifications, drawings and instructions of the Site Engineer	LTr	2,000.00			
1.75	Supply, delivery, fixing, testing and commissioning of PVC multi-floor trap, size 110 × 75 mm, complete with all necessary fittings, joints, seals and accessories, including fixing, testing and commissioning, complete and ready for operation, as per specifications and instructions of the Site Engineer	Nos	4.00			
1.76	Supply, delivery, fixing and commissioning of 125 mm stainless steel floor grating, complete with frame, suitable for floor drain application, including all necessary fixing accessories, testing and making good, complete as per specifications and instructions of the Site Engineer	Nos	4.00			

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)
1.77	Supply, delivery, fixing, testing and commissioning of PVC SWR (Soil, Waste Water & Rain Water) pipe, 75 mm dia., 6 kg/cm^2 pressure rating, complete with necessary ring gaskets, PVC fittings including tees, elbows, crosses, modular clamps, hangers and all required accessories. The work shall include cutting, jointing, sealing and installation in trenches, walls, floors, ducts or suspended from ceilings as shown on drawings. It shall also include making necessary holes and cutting grooves in walls/floors and restoring the surfaces to their original finish. The system shall be cleaned, tested and made ready for operation. The rate shall include all necessary materials, labour, tools, equipment, fittings and accessories. Measurement shall be based on running metres, and all fittings and accessories shall be deemed included in the pipe rate and shall not be measured or paid for separately. All complete as per drawings, specifications and instructions of the Site Engineer	Mtr	80.00			
1.78	Supply, delivery, fixing, testing and commissioning of 110 mm dia. vent cowl, complete with all necessary fittings, clamps, supports and accessories, including fixing, testing and commissioning, complete in all respects as per specifications, drawings and instructions of the Site Incharge	Nos	2.00			
1.79	Supply, delivery, installation, testing and commissioning of complete tube-well pumping system comprising 2 HP electric motor-driven pump, Usha make or approved equivalent, including pump house, tube-well boring, casing/screen pipe installation, pump and motor installation, alignment and connection; complete with check valve, elbow, male socket, union, fittings, pipe connections, mounting/support arrangements and all other necessary accessories. The work shall include all necessary labour, materials, tools, equipment, boring, casing/pipe placing, installation, testing, trial operation and commissioning, complete in all respects and ready for operation as per specifications, drawings and instructions of the Site Engineer	Nos	1.00			

Total Item Price	
VAT (13.00%)	
Grand Total	