

Annex Supply of Material and Construction of Natural Waterfall Area and Landscape Park Development at Hillan , UC Hillan, Tehsil Khursheeda Bad, District Haveli Kahuta, AJ&K						
S.#	Item Description	Unit	Quantity	Brand offered	Unit Rate	Total Amount
A-CIVIL WORK						
1	Excavation Work					
	Excavation in hard rock for Gabion Base (in stream) cutting, by Excavator (as required), including chiseling, wedging, trimming, and dressing of foundation bed and sides to required levels and dimensions; dewatering and removal of surface water; stacking of useful rock; disposal of surplus and unserviceable excavated material to a distance up to 50 ft; and backfilling around foundation and Walls with suitable material in compacted layers as directed by the Engineer in charge.	Cft	10861.50			
2	Gabion Retaining Walls					
	Providing and filling approved hard stone boulders (4"-8" size) inside gabion boxes, hand packed to ensure proper interlocking, minimum voids, stability, and uniform surface finishing complete.	Cft	10101.37			
3	Breast Walls					
	Construction of breast wall including stone masonry (dry or CM 1:6), proper bonding and batter, backfilling with compaction, providing weep holes, and finishing complete as per drawings and instructions.	Cft	1008.00			
4	Back Filling					
	Backfilling around/behind the walls with approved excavated soil in 6-9 inch layers, including watering, proper compaction, and leveling to the required ground level, complete in all respects.	Cft	8264.00			
5	Fixing of chain link around the walls					
	Providing and fixing of chain link around the wall rectangular boxes size as () made of G.I wire 12 SWG with 6"x6" mesh size complete with installations on site as per the instructions of Site Engineer.	Sft	15440.66			
6	Weep holes					
	Placing weep holes in concrete using UPVC pipe 2" dia as in PCC foundation at bottom	Rft	278.00			
7	Pcc work (1:4:8)					
	Plain cement concrete (1:4:8) using approved coarse aggregate, fine aggregate and OPC cement, mixing, laying, compacting, leveling, curing, and finishing complete as per drawings and engineer's instructions.	Cft	927.97			
8	Pcc work (1:3:6)					
	Plain cement concrete (1:3:6) using approved coarse aggregate, fine aggregate and OPC cement, mixing, laying, compacting, leveling, curing, and finishing complete as per drawings and engineer's instructions.	Cft	372.85			
9	Toilet walls work					
	Construction of toilet walls with 6" Hallow concrete blocks masonry (as specified), including proper bonding, alignment, plumb, mortar (1:4), curing, providing openings for door/ventilation, and finishing complete as per drawings and engineer's instructions.	Cft	138.41			
10	Toilet RCC Work (1:2:4)					
	Providing and laying/pouring reinforced cement concrete (RCC) 1:2:4 ratio including shuttering, curing up to 28 days, compacting, mixing (mixing must be on a surface which having zero water absorption capacity like concrete floor or thick polythene sheet etc.), finishing (for good finishing polythene sheet must be used on the shuttering surface). For details see the drawings. Required crushing strength must be not less than 3000 psi.	Cft	163.09			
11	Supplying/Fixing Grade-40 Steel					
	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade-40) including cutting, bending, binding, fixing on specified location, transportation from steel yard to fixing location etc.	KG	357.00			
12	Doors					
	Providing and fixing M.S. Steel Door of size 2'-6" x 6'-0" comprising of 18 gauge (1.2 mm thick) M.S. sheet shutter, fixed over internal frame of 1" x 1" M.S. pipe (16-18 gauge), including 16 gauge M.S. frame (chowkhat), properly welded, with necessary hinges, tower bolt, handle, and locking arrangement. The door shall be finished with one coat of red oxide primer and two coats of enamel paint, complete in all respects as per drawing and site instructions.	No's	3.00			

S.#	Item Description	Unit	Quantity	Brand offered	Unit Rate	Total Amount
13	Plastring work					
	Cement-sand plaster (1:4 as specified) on internal and external walls, including surface preparation, applying uniform plaster thickness, finishing smooth, curing, and completing all work as per drawings and engineer's instructions.	Sft	672.56			
14	Painting					
	Preparing surface and painting with Plastic Emulsion Paint a) first coat b) 2nd and each subsequent coat	Sft	735.06			
15	Flooring Work					
	Providing and laying approved quality floor tiles of normal size 1'-0" x 1'-0" (12" x 12") or approved equivalent, of specified color and shade, on prepared base/bedding in cement sand mortar or tile adhesive, including surface preparation, leveling, cutting, laying in proper line and level, joint filling with grout, curing, cleaning, finishing, wastage, all labor, tools, carriage and complete in all respects as per approved drawings and Engineer's instructions.	Sft	180.00			
16	Stone Stairs, Column and Ramp					
	Construction of stone stairs and Column including excavation, providing and laying approved quality Stone blocks of size 9", proper leveling, alignment, interlocking, joint filling with mortar (as specified), and finishing complete as per drawings and engineer's instructions.	Cft	755.50			
17	Hand Rail					
	providing/fixing 1.5" dia G.I. pipe hand rail fixed between stone columns, including cutting, welding, clamps, embedment, anti-rust treatment, primer coat and paint, complete in all respects as per approved drawings and Engineer's instructions.	Rft	312.00			
18	Stone Slab for Banches and Walking Track					
	Providing, dressing and fixing approved quality stone slabs for walking track and benches, using walking track slabs of size 2'-0" x 4'-0" x 3" thick and bench seat slabs of size 4'-0" x 1'-6" x 3" thick or approved equivalent, including excavation where required, leveling, base preparation, laying slabs for walking track at specified spacing, placing bench seat slabs on supports, proper line, level and alignment, cutting, edge finishing, surface smoothing, joint filling where required, carriage, disposal of surplus material, and complete in all respects as per approved drawings and Engineer's instructions.	Sft	165.00			
A-Total Civil Works						
B-Plumbing Work						
1	Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest. including setting in cement sand mortar, proper leveling, connection to waste pipe, jointing, testing, and finishing complete in all respects as per drawings and Engineer's instructions.	Each	2.00			
2	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc and complete in all respects as per approved drawings and Engineer's instructions.	Each	2.00			
3	Providing and fixing approved quality 10 cm (4") glazed earthenware P-trap, including jointing with rubber ring/cement, proper alignment and connection with WC/waste pipe, leak testing, and finishing complete in all respects as per approved drawings and Engineer's instructions.	Each	2.00			
	Providing & Laying of (PN-20)PPR cold and hot water pipe following dia					
4	1/2" dia (20mm)	Rft	20.00			
5	3/4" dia (25 mm)	Rft	15.00			
6	HDPE PN-12.5 pipe 1" i/d (from collection point to water tank)	Rft	300.00			
7	Providing and fixing chromium plated stop cock, heavy	No's	1.00			
8	90° Elbow 3/4"	No's	6.00			
9	Tee 3/4"	No's	1.00			
10	Reducing Tee 3/4" to 1/2"	No's	3.00			
11	Angle Valve (Basin) 1/2" Dia	No's	4.00			
12	Providing and fixing brass chrome plated bib cock at required locations	No's	2.00			

S.#	Item Description	Unit	Quantity	Brand offered	Unit Rate	Total Amount
13	Providing and fixing 1000 litre capacity HDPE (double layer) rotationally molded water storage tank of approved manufacturer, including hoisting and installation, making inlet and outlet connections, providing float valve and necessary fittings/specials, testing, and complete installation in all respects as per approved drawings and Engineer's instructions.	No's	1.00			
	Providing, laying, jointing and testing uPVC soil and waste pipes including fittings.					
14	4" dia WC soil pipe	Rft	20.00			
15	2" dia Basin waste pipe	Rft	20.00			
16	2" Air pipe for toilet with cap	Rft	6.00			
17	Providing and fixing 4"x4" (100mm) PVC/CI floor trap with high-quality stainless steel (SS) grating, including: Trap seal, Connection to waste pipe, Proper slope towards trap	No's	2.00			
B- Total Plumbing Works						
C-Electrical Work						
1	Providing, laying, testing PVC insulated PVC sheathed copper conductor cable 3 core 4mm ² from electric pole to main distribution board in approved complete in all respects.	Rft	100			
2	Supply and erection of PVC conduit pipe 1/2" dia recessed in wall & roof including bends, tees, junction boxes, pull boxes On Surface i/c clamps and complete	Rft	120			
3	Supply, laying, pulling and testing of single core PVC insulated copper conductor wire 3/0.74 mm in prelaid conduit for light/fan wiring complete.	Rft	200			
4	Supply, laying, pulling and testing of single core PVC insulated copper conductor wire 7/0.74 mm (7/0.029") in prelaid conduit for power/socket wiring complete.	Rft	100.00			
5	P/F PVC double layer Switch kit Face plate with specified switch holes i/c The cost of switches / sockets / dimmer made of Legrand/ ABB / Schenider or approved equivalent manufacturer, screws complete in all respect, as approved and directed by the Engineer Incharge	Each	3.00			
5	Three pin Light Plug 10/13 Amp	Each	1.00			
6	Supply and installation of LED bulb / LED surface light 12 Watt complete with holder/fixing accessories	Each	6.00			
8	Supply, installation, testing & commissioning of recessed / surface mounted Light Distribution Board (LDB) fabricated from 16 SWG sheet steel, powder coated, comprising 01 No. incoming MCCB TP 60 Amp and outgoing SP MCBs, neutral link, earth bar, phase indication lights, complete in all respects.	Each	1.00			
C-Total Electrical Works						
D-Landscaping						
1	Plantation (trees/plants)	Each	400.00			
2	Providing and fixing outdoor waste bin made of HDPE/FRP/steel, 80 liter capacity, weather resistant, with lid, frame, anchor bolts, complete in all respects as approved by Engineer Incharge.	Each	6.00			
3	Sign Plate					
	Providing and installation of Sign Plate for Toilet size(1'x1.5') using 18 gauge steel sheet, writing of given data single side with IR logo	No's	2.00			
3	Sign Board					
	Providing and installation of Sign Board size(4'x3') using 18 gauge steel sheet , Angle pipe 1.5"x1.5" as in frame with 6' height & foots with cross angle iron double strips of 1 feet length, writing of given data double side with IR logo)	No's	1.00			
D-Total Landscaping Works						
Grand Total(A+B+C+D) Inclusive of all Govt. applicable Taxes, Labor, Deliveries, Transportations Loading/unloading and Installations (if any)						