

ANNEX-B4

LOT 5 CONSTRUCTION OF NIGHT REFUGEE BLOCK

BILL OF QUANTITIES

CIVIL WORKS

DETAIL ABSTRACT SHEET

S.No	Description of Items	Quantity	Unit
CIVIL WORKS			
	Excavation in foundation of buildings and bridges,including layout, dressing, refilling around structures with,excavated earth, watering & ramming lead upto 100 ft..(30m) & lift upto 5 ft. (1.5m)	3191.00	Cft
	Spraying anti-termite liquid Hepta color or equivalent mixed with water in the ratio of 1 liter : 40 liter.	3191.00	Cft
	Providing and laying plain hand mixed 1 : 4 : 8 cement concrete using sand approved source and crushed aggregate having maximum size upto 1 1/2" (38mm) & down gauge in foundation and plinth including leveling, compacting & curing.	417.25	Cft
	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height		
	Foundation and Columns Footing	6.51	
	Plinth Band	1.82	
	Door Band	1.32	
	Roof Beam	1.90	
	Slab	4.71	
	Total	16.267	ton
	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in sills and Bed Plate including formwork and its removal, compacting and curing	1204.00	Cft
	Providing and laying 1 : 2 : 4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & down gauge in foundation including leveling, compacting and curing.	2546.00	Cft
	Providing and laying 1 : 2 : 4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & down gauge in foundation including leveling, compacting and curing.	261.00	Cft
	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm.) and down gauge in plinth band, door band and roof band of required shape or section including formwork and its removal, compacting and curing in basement and ground floor but excluding the cost of reinforcement.	677.25	Cft

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S.No	Description of Items	Quantity	Unit
	Providing and laying first class solid burnt brick masonry (Brick Strength:1800psi-2000psi) including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing with 1:3	3462.28	Cft
	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm.) and down gauge in plinth band, door band and roof band of required shape or section including formwork and its removal, compacting and curing in basement and ground floor but excluding the cost of reinforcement.	285.54	Cft
	Filling and compacting soil, earth and boulders behind retaining walls (including excavation of soil and lead upto 50 ft. (15m)	8670.00	Cft
	Providing and laying plain hand mixed 1 : 4 : 8 cement concrete using sand approved source and crushed aggregate having maximum size upto 1 1/2" (38mm) & down gauge in foundation and plinth including leveling, compacting & curing.	1156.00	Cft
	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm.) and down gauge in plinth band, door band and roof band of required shape or section including formwork and its removal, compacting and curing in basement and ground floor but excluding the cost of reinforcement.	646.73	Cft
	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in slabs including formwork and its removal, compacting and curing Upto 6" (150 mm) thickness i) In basement, plinth and ground floor	1794.00	Cft
	Cement plaster using Coarse Sand on soffits of ceiling, cantilever slabs, sides and soffits of beams, in basement and ground floor including making edges, corners and curing. 1/2 inch (13mm) thick cement sand plaster 1:4	3468.00	Sft
	3/4 inch (19mm) thick cement plaster using Coarse Sand on walls and columns in basement, plinth and ground floor including making edges, corners and curing. The mix ratio is 1:4 cement sand.	4826.25	Sft

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	3/4 inch (19mm) thick cement plaster using Coarse Sand on walls and columns in basement, plinth and ground floor including making edges, corners and curing. Extra if false pointing is required with lime/surkhi or pigment on plastered surface of any description in any floor.	1639.00	Sft
	Providing and laying floor 1:2:4 reinforced cement concrete using crushed aggregate 3/4" (19mm) and ground floor including formwork, consolidation, finishing and curing but excluding the cost of reinforcement 3" (75 mm) nominal thick flooring	1337.00	Sft
	Providing and laying super white 12"x12" marble tiles floor fine dressed on surface without winding in ground floor and laid over 1" (25mm) thick cement sand mortar 1:2 setting tiles with portland cement slurry over cement mortar, jointing and washing the tiles with white cement slurry including curing, rubbing and polishing including the cost of cement mortar. 1" (25 mm) thick marble tiles floor	5348.00	Sft
	Providing and laying Conglomerate flooring (two coat work) having 1/2" (9mm) thick wearing surface comprising 1 part of cement & 2 parts of stone chips passing 3/16" sieve, over 1:3:6 concrete base using crushed aggregate laid in panels or approved pattern including formwork, curing, and surface finishing as approved by Engineer Incharge. mortar.	210.63	%Cft
	Providing and fixing aluminium / Metal ceiling with 2'x2' with required fitting of frame from ceiling to 6" and providing electrical points and 12 watt lights with required 4 gang switches board as per instruction of engineer .	1337.00	Sft
	Providing and fixing moulded steel door frame of approved profile, manufactured from zinc-coated mild steel sheets 16 gauge made by Shahah Industries or equivalent standard conforming to B.S.S.1245, treated with special primer base paint all round, fitted with six fixing lugs, three steel hinges for fixing door shutters standard lock-strike plate, one sliding holt eye, and three rubber buffers, including cutting holes and making good damages to walls and filling the door frame cavity with lean cement mortar 1:4 as directed by the Engineer	200.00	Rft
	Providing and fixing 1.5" (38 mm) thick fully panelled First class deodar wood shutter fixed with ply/ hard board/ chip board/ Cement Fibre sheet and with approved nickle plated hinges and tower bolts	320.00	Sft
	Providing and fixing fully glazed single leaf hung/sliding aluminium windows, ventilators (Deluxe model - 1.6mm) of anodized champagne or approved color of Prime, Chawala, Pakistan Cable or any approved section as approved by Engineer incharge including aluminium fittings, 5 mm local tinted glass, lugs, cutting holes and making good the damages to walls.	448.00	Sft
	Providing and fixing iron grill of required section of square bars 3/8" of approved design and section	448.00	Each

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S.No	Description of Items	Quantity	Unit
	Providing and fixing locks with brass or specially supplied screws including Door Closers and Floor Hinges of approved design including cutting wood to required shape	12.00	Each
	Providing, laying, cutting, jointing, testing and disinfecting G.I. pipe line ILL or equivalent of approved make registered with PSQCA complete in all respect with valves, joints as per instruction	500.00	RFT
	Distempering with Berger, ICI or equivalent synthetic polyvinyl emulsion finish of approved shade in two or more coats over and including the cost of priming coat including preparation of surface viz. dusting, sand papering or rubbing with pumice stone, filling cracks or holes, if any, removing blisters or other imperfections at any height and any floor. (@ atleast 2.20 Litre per 10 Sq.m)	1639.00	Sft
	Applying weather resistant paint coating such as ICI weather shield, Berger weather coat or equivalent to interior or exterior walls or ceiling including supplying all labour, materials, scaffoldings and removal of debris etc. @ atleast 3.50 litre per 10	1639.00	Sft
	Painting in ground floor or basement with Robbialac or equivalent super gloss synthetic enamel paint in two or more coats as per manufacturer's instruction on wood work over and including the cost of priming coat, surface preparation, rubbing down smooth, knotted, filling cracks, holes and joints.	320.00	Sft

Total

G.Total

PLUMBING & SEWRAGE

1	Excavation in foundation of buildings and bridges, including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft., (30m) & lift upto 5 ft. (1.5m)	772	Cft
3	Providing and fixing ICL /Karam cera or approved equivalent make glazed earthen ware shower tray including fittings, bib cok, stop cock, shower kit, trap and making requisite numbers of holes and making good with approved material	2.00	Each
6	Providing, laying, cutting, jointing, testing and disinfecting PVC pipe 1.5 "complete with all repect	386.00	RFT
7	Providing and fixing export quality glazed earthen Kitchen sink 36" double side rectangular manufactured by ICL Boch/Karam Cera or equivalent approved make with single hole chromium plated mixer tap 1/2" (15mm), pillar tap delux, stop cocks, C.I. or W.I. brackets 6" (150mm) built into walls 1.5" (40mm) C.P. brass waste with malleable iron or C.P. brass trap with malleable iron or brass union and making requisite number of holes in walls, plinth and floor for pipe connections and making good with approved material Extra over above for providing and fixing white glazed earthen ware pedestal manufactured by ICL/Karam Cera or approved equivalent make.	3.00	Each
		2.00	Each
11	Providing and fixing LDPE overhead tank manufactured by Dura /marjan white color or equivalent on top of any floor 600 Gallon Tank	1.00	Nos
12	Supply and install 35 gallons electric geyser	2.00	Each

Total

G.Total

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S.No	Description of Items	Quantity	Unit
ELECTRIC WORK OF BUILDING			
1	Light circuit concealed wiring with length upto 75 ft. (25m) 7/29 main and 3/29 for lights and switches from the distribution board to point/switch with 3x2.5 Sq.mm PVC insulated single core copper conductor Pakistan Cables, Pioneer, Newage or approved equivalent cables for offices/multi storeyed buildings.	32.00	P/Point
2	Wiring of 5 Amps. socket outlet with 4 sq.mm PVC insulated single core copper conductor cable including 3/4" (20mm) dia. PVC conduit, 8.7sq.mm (10SWG) copper wire as earth continuity conductor and wiring accessories such as bends, elbows, junction boxes etc	20.00	P/Point
3	Same as item no 31.3 but wiring for 5Amp . socket outlets from nearest available circuit with a lenth upto 6m (19.68 ft).	20.00	P/Point
4	Supply and install 1-gang, 5 Amp, 250 Volt,. plate type moulded Clipsal/Schneider or equivalent imported switch including appropriate size plastic box to be fixed recessed in wall. Description same as in Item 30-129 but with 4 up to 6 gang switch.	10.00	No
5	Supply and installation of 5 Amp. 250 Volt, moulded, two-way single pole, flush mounting type light control single switch including appropriate size plastic box to be fixed recessed in wall.	10.00	No
6	Supply and install combined 2/3 pin 5 Amps, 250 Volt switch socket unit including plastic box to be fixed recessed in wall.	10.00	No
7	Supply and install combined 2/3 pin 5 Amps, 250 Volt switch socket unit including plastic box to be fixed recessed in wall. supply and instalation of 3 pin 15 Amp switch socket unit	10.00	NO
8	Supply and install Energy Saver electric bulbs 25W Philips energy saver	32.00	NO

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S.No	Description of Items	Quantity	Unit
9	Supply and install 10" (250 mm) sweep exhaust fan including plastic louvers.	1.00	Each
10	Supply and install 56" (1.42 m) sweep ceiling fan with fan hook and dimmer complete with all accessories.	17.00	Each
	Supply and provision of NASGAS Water cooler 35 Gallon with water filter best quality Aqua/equiliant with warranty including electrical and plumbing fittings.	3.00	Each
	Supply and install electric Split Air Conditioner "Gree" 1 Ton with rated heating and cooling capacity of 18000 (5400 - 19800) BTU including the wiring required for 7/29 point and switch	9.00	
11	Provide, install, test and commission recessed wall mounting type distribution board fabricated from 16 SWG steel sheet, powder coated with approved color back box comprising one incoming MCCBTP/ 60A and outgoing 9 single phase MCB of various capacity having overload & short circuit protection and of 6 KA braking capacity complete with internal wiring earthing, neutral link, termination blocks, phase indicating lights alongwith 500V voltmeter.	1.00	P.Job
			Total
			G.Total