

PROPOSED SINGLE STOREY BUILDING
HAA ALIF DHIDHDHOO COUNCIL
OFFICE EXTENSION
H A DHIDHDHOO

CLIENT: SECRETARIAT OF THE DHIDHDHOO COUNCIL

PRICED BILL OF QUANTITIES SUMMARY

CONTRACTOR:

PROJECT: PROPOSED SINGLE STOREY HAA ALIF DHIDHDHOO COUNCIL OFFICE EXTENSION

CLIENT: SECRETARIAT OF THE DHIDHDHOO COUNCIL

COMPLETION:

Bill.no	Item Description	Amount
1	BILL No: 01 PRELIMINARIES	
2	BILL No: 02 GROUND WORKS	
3	BILL No: 03 FOUNDATION	
4	BILL No: 04 GROUND FLOOR LEVEL CONCRETE	
5	BILL No: 05 MASONRY & PLASTERING	
6	BILL No: 06 FLOORING AND TILING	
7	BILL No: 07 CEILING/TIMBER WORKS	
8	BILL No: 08 METAL WORK	
9	BILL No: 09 DOORS AND WINDOWS	
10	BILL No: 10 PAINTING	
11	BILL No: 11 HYDRAULICS & DRAINAGE	
12	BILL No: 12 ELECTRICAL INSTALLATIONS	
	TOTAL	
	GST-6%	

TOTAL OF PROJECT

--

Item	Description	Unit	Qty	Material Rate	Labour Rate	Total Amount
	BILL NO : 03					
3.0	<u>FOUNDATION</u>					
	(a) Rates shall include for: placing in position; making good after removal of formwork and casting in all required items; additional concrete required to conform to structural and excavated tolerances.					
	(b) Mix ratio for reinforced concrete shall be 1:2:3 and lean concrete shall be 1:2:6 by volume.					
	(c) Quantity is measured to the edges of concrete foundation members. Rates shall be inclusive for any additional concrete required to place the formwork.					
1)	Allow for applying 2 coats of bitumen paint or equivalent on exposed concrete surfaces at under ground.	m ²	205.96			
3.1	<u>LEAN CONCRETE</u>					
	75mm thick Lean Concrete to bottom of footing & ground beam	m ²	24.37			
3.2	<u>REINFORCED CONCRETE</u>					
	Rate shall include for all cast in situ concrete as per drawing and 500 gauge polythene sheet or asphalt sheet shall be laid below Foundations, Tie beams & Wall Beams as damp proof membrane.					
3.2.1	<u>FOUNDATIONS</u>					
1)	Foundation Pad Footing F1	m ³	1.37			
2)	Ground Beam(GB)	m ³	8.50			
	Wall footing	m ³	0.79			
3.3	<u>FORM WORK</u>					
	(d) Rates shall include for; all necessary boarding, supports, erecting, framing, temporary cambering cutting, perforations for reinforcing bars, bolts, straps, ties, hangers, pipes and removal of formwork.					
3.2.1	<u>FOUNDATIONS</u>					
1)	Foundation Pad Footing F1	m ²	9.12			
2)	Ground Beam(GB)	m ²	77.28			
3)	Wall footing	m ²	5.28			

Item	Description	Unit	Qty	Material Rate	Labour Rate	Total Amount
	<u>BILL No: 04</u>					
	<u>GROUND FLOOR LEVEL</u>					
4.1	<u>CONCRETE</u>					
	(a) Mix ratio for reinforced concrete shall be 1:2:3 and lean concrete shall be 1:2:6 by volume.					
1)	Column (C1)	m ³	2.52			
2)	Column (S1)	m ³	0.57			
3)	75mm thick Ground Slab	m ³	9.99			
4)	Beam B1	m ³	1.16			
5)	Beam B2	m ³	0.14			
6)	Beam B3	m ³	0.14			
7)	Beam CB1	m ³	0.11			
8)	Beam (RB1)	m ³	4.41			
9)	Beam (RB2)	m ³	4.50			
10)	Roof gutter	m ³	5.61			
11)	Suspended Slab	m ³	3.39			
4.2	<u>FORM WORK</u>					
	(d) Rates shall include for; all necessary boarding, supports, erecting, framing, temporary cambering cutting, perforations for reinforcing bars, bolts, straps, ties, hangers, pipes and removal of formwork.					
1)	Column (C1)	m ²	50.40			
2)	Column (S1)	m ²	4.68			
3)	Beam B1	m ²	11.58			
4)	Beam B2	m ²	1.45			
5)	Beam B3	m ²	1.35			
6)	Beam CB1	m ²	1.13			
7)	Beam (RB1)	m ²	44.18			
8)	Beam (RB2)	m ²	45.19			
9)	Roof gutter	m ²	50.84			
10)	Suspended Slab	m ²	29.17			
4.3	<u>REINFORCEMENT WORK</u>					
	(a) Rates shall include for; all necessary boarding, supports, erecting, framing, temporary cambering cutting, perforations for reinforcing bars, bolts, straps, ties, hangers, pipes and removal of formwork.					
1)	<u>Column (C1)</u>					
	12mm dia. deformed bars.	kg	427.74			
	6mm dia bars.	kg	55.62			
1)	<u>Column (ST)</u>					
	12mm dia. deformed bars.	kg	38.40			
	6mm dia bars.	kg	40.76			
2)	<u>Ground Slab</u>					
	6mm dia bars	kg	215.12			

Item	Description	Unit	Qty	Material Rate	Labour Rate	Total Amount
	<u>BILL No:11</u> <u>HYDRAULICS & DRAINAGE</u>					
11.1	<u>General</u>					
	(a) Design provide and install plumbing network for the entire building complete in accordance to standard set by the local governing body FENAKA					
	(b) The following items and description and the plumbing drawings are given as guidance as to the nature of the information to be returned by the contractor.					
	(c) Ground water connection shall be made as specified in the drawings.					
	(d) The cost shall include for; sockets, running joints screws, nails , pvc glues, thread seals and fixing complete, including cutting and forming holes, excavating, laying pipes , backfilling trenches.					
11.2	<u>PIPE WORK</u>					
1)	Complete construction of discharge pipe work inspection chambers etc. as specified.	item	1.00			
2)	Complete construction of ground water & FENAKA water supply pipe work including valves etc. as specified.	item	1.00			
3)	Charges for supply & installation of FENAKA water connection including water meters	no	1.00			
11.3	<u>SANITARY APPLICATIONS</u>					
	SUPPLY AND FIX the following "Cotto" or other equal and approved sanitary fittings and accessories including storing, assembling, bedding, plugging and screwing with matching screws, cutting and pinning or building in brackets, jointing and connecting to services and to soil and waste pipes and making good all works disturbed:-					
1)	Water Closet	no	1.00			
2)	Wash Basin	no	1.00			
3)	Wash Basin tap	no	1.00			
4)	Toilet Paper Holder	no	1.00			
5)	Towel Holder	no	1.00			
6)	Soap Holder	no	1.00			
7)	Mirror Set	no	1.00			
8)	Muslim Shower	no	1.00			
9)	Shower	no	1.00			
10)	Faucet in Toilet & Bath	no	1.00			
11)	Floor Trap Gully with Drain	no	1.00			
	BILL No: 11 HYDRAULICS & DRAINAGE					
	TOTAL OF BILL No: 11 - Carried over to summary					

Item	Description	Unit	Qty	Material Rate	Labour Rate	Total Amount
	BILL No: 12 ELECTRICAL INSTALLATIONS					
12.1	<u>General</u>					
	(a) Rates shall include for: screws, nails, bolts, nuts, standard cable fixing or supporting clips, brackets, straps, rivets, plugs and all incidental accessories					
	(b) Rates for work in trench shall include for: excavation, maintaining faces of excavations, backfilling, compaction, appropriate cable covers, warning tape and disposal of surplus spoil					
	(c) Rates shall include for electrical conduits, fittings, equipment and similar all fixings to various building surfaces					
	(d) Each Light/ light fixture and its switch is measured as one point; similarly each fan or each socket outlet is measured as one point;					
	(e) Rates shall include for supply and complete installation					
12.2	<u>MAIN CONNECTION</u>					
1)	Charges for Supply & Laying 16mm ² cable from Panel board to floor DBs	Item	1.00			
12.3	<u>ELECTRICAL BOARDS</u>					
	Complete installation, including for all connections, earthing, painting, testing and similar of:					
1)	Distribution board	no	1.00			
12.4	<u>ELECTRICAL WIRING</u>					
	Electrical wiring with copper conductor cable in conduits concealed in walls and in slab as specified to:					
1)	Wiring with 1.5 mm ² cable to lighting	points	131.00			
2)	Wiring with 2.5 mm ² cable to power points	points	52.00			
12.5	<u>LIGHTING</u>					
1)	ceiling mount circular energy saving light	no	72.00			
2)	Ceiling recessed spot light	no	23.00			
	Weatherproof wall mount light	no	10.00			
	Led strip lights	no	3.00			
12.6	<u>SOCKET OUTLETS</u>					
	All socket outlets shall be "Clipsal" or equivalent.					
1)	13A Double socket outlet(300mm aboveFFL	no	32.00			
2)	15A socket outlet 300/2500mm from FFL	no	10.00			
3)	T.V.socket outlet.(Cafeteria)	no	1.00			
12.7	<u>LIGHT SWITCHES</u>					
	(a) All light switches shall be "Clipsal" or equivalent.					

