

ASHRAYAN-2 PROJECT
Prime Minister's Office

Cost Abstract For Community center

Part	Components	Amount
1	2	3
Part-"A"	Community Center i/c. Toilet	942182.96
Part-"B"	Tube- Well	26000.00
Part-"C"	Furniture	71815.40
Part-"D"	Television & Other Accessories	43000.00
GRAND TOTAL		1082998.37
SAY, GRAND TOTAL AMOUNT.TK		1082998.40


IN WARDS : TAKA TEN LAKH EIGHTY TWO THOUSAND NINE HUNDRED NINETY EIGHT ONLY



মোঃ শাহরুল আলম মন্ডল
উপ-প্রকল্প প্রকৌশলী
আশ্রয়ণ-২ প্রকল্প
প্রধানমন্ত্রীর কার্যালয়



আবুল কালাম আজাদ
প্রকল্প প্রকৌশলী
আশ্রয়ণ-২ প্রকল্প
প্রধানমন্ত্রীর কার্যালয়



মোঃ মাহবুব হোসেন
প্রকল্প পরিচালক (অতিরিক্ত সচিব)
আশ্রয়ণ-২ প্রকল্প
প্রধানমন্ত্রীর কার্যালয়

Asrayan-2 Project Prime Minister's Office

Detailed Estimate for the Community Center Including Toilet of Ashrayan-2 Project

Part-A:

Description of Item	Calculation				Quantity	Unit	Rate	Amount
	No	L (ft)	B (ft)	H (ft)				
1	2	3	4	5	6	7	8	9
1(5.02.01) Earthwork in excavation of canals, ponds, drains, etc. by excavating earth to the lines, grades and elevation as shown in the drawing, filling baskets, carrying and disposing of all excavated materials at a safe distance designated by the E-I-C in all types of soils except rocky, gravelly, slushy or organic soil, leveling, dressing, etc. all complete for an initial excavation depth of 2m and an initial lead not exceeding 20m, including arranging for and supplying all necessary tools and equipment at work site, etc. complete as per direction of the E-I-C.								
A. Pillar Base	15	3.00	3.00	4.83	652.050	cft		
B. Wall (Main)	1	137.50	1.67	2.75	631.469	cft		
(Verandah)	1	42.75	1.25	2.75	146.953	cft		
C. Step								
Main Room	1	17.00	1.458	0.25	6.197	cft		
Toilet	1	3.58	1.458	0.25	1.305	cft		
					1,437.973	cft		
Deduction								
For main pillar	15	3.00	1.67	2.75	206.663	cft		
Base					1,231.311	cft		
1/3 of Excavation					410.437	cft		
					1,641.748	cft		
					46.489	m3	166.71	7750.13
2(5.03.01.01) Single layer brick flat soling with 1st class or picked jhama bricks, true to level, camber/super elevation and grade including carrying bricks, filling the interstices tightly with sand of minimum F.M 0.80, etc. all complete as per direction of the E-I-C.								
A) Foundation								
Pillar Base	15	3.00	3.00		135.000	sft		
B) Floor								
Main Room	1	24.67	16.17		398.914	sft		
Store Room	1	7.67	7.67		58.829	sft		
Office Room	1	7.67	7.67		58.829	sft		
Verandah	1	33.17	4.17		138.319	sft		
Toilet	1	4.00	4.50		18.000	sft		
Marked "B" =					807.891	sft		
					75.083	m2	450.7	33839.80
3(5.02.02) Sand filling in foundation trenches and inside plinth with sand (minimum F.M. 0.80) in 150mm layers in/c leveling, watering and consolidating each layer up to finished level etc. all complete as per direction of the E-I-C. Dry density after compaction shall not be less than 95% of MDD.								
Floor								
B.F.same item -	1		807.891	0.50	403.945	cft		
2. Marked "B"					11.438	m3	779.66	8918.02
4(5.02.06) Earth filling inside plinth in 150mm layers with earth available within 90m of the building site, watering, leveling and consolidating each layer up to finished level, etc. all complete as per direction of the E-I-C. Dry density after compaction shall not be less than 90% of MDD.								
Floor								
B.F.same item -	1		807.891	0.50	403.945	cft		
2. Marked "B"					11.438	m3	431.72	4938.16

Alam

Azad

[Signature]

5(5.03.04.01) Mass concrete work in foundation with Portland cement, sand (minimum F.M. 1.80) and 1st class/picked jhama brick chips 20mm down graded (maximum LAA value 40), including shuttering, mixing by concrete mixer machine, casting, laying compacting and curing for the requisite period breaking bricks into chips etc. all complete as per direction of the E-I-C. Cylinder crushing strength of concrete should not be less than 105 kg/cm² at 28 days of curing (suggested mix proportion 1:3:6). Additional quantity of cement to be added if required to attain the strength at the contractors own cost.

A. Foundation

Main Wall	1	137.50	1.67	0.25	57.406	cft		
Verandah	1	42.75	1.25	0.25	13.359	cft		
Step								
Main Room	1	17.00	1.67	0.25	7.098	cft		
Toilet	1	3.58	1.67	0.25	<u>1.495</u>	cft		
					79.358			
Deduction								
Pillar Wall Section	15	0.83	0.83	0.25	<u>2.583</u>	cft		
Marked "C"					76.774	cft		
B. Floor								
B.F. same item - 2. Marked "B"			807.891	0.17	<u>137.341</u>	cft		
					214.116	cft		
					6.063	m3	8176.58	49574.83

6(5.03.09) Providing polythene sheet (0.18mm thick) on floor in ground floor underneath the cement concrete, etc. all complete as per specifications and direction of the E-I-C. Sand of minimum FM 1.2 to be B.F. Quantity same as item Number -5. Marked "C"/0.2

	307.098	sft		
	28.541	m2	20.78	593.08

7(5.13.03) 25mm thick artificial patent stone floor (1:2:4) with Portland cement, best quality coarse sand (50% minimum F.M. 1.2 and 50% minimum F.M. 2.5) and 10mm down graded picked jhama chips in/c chips screening, mixing, laying the concrete in alternate panels, compacting and finishing the top with neat cement, curing, etc. all complete as per direction of the E-I-C.

B.F. Quantity same as item Number - 2. Marked "B"

807.891	sft		
75.083	m2	374.11	28089.21

8(pwd-04.1) Brick work with 1st class bricks in cement mortar (1:6) in foundation and plinth, filling the interstices tightly with mortar, raking out joints, cleaning and soaking bricks at least for 24 hours before use, washing of sand, curing for requisite period, etc. all complete as per direction of the E-I-C. (Minimum F.M. of sand : 1.2)

A. Foundation

Main wall - 1st Footing	1	137.50	1.67	0.50	114.813	cft
2nd footing	1	138.75	1.25	0.50	86.719	cft
3rd Footing up to PL	1	140.00	0.83	3.00	348.600	cft
Verandah wall - 1st Footing	1	42.75	1.25	0.50	26.719	cft
2nd Footing up to PL	1	43.17	0.83	3.50	125.409	cft

B. Step

Main Room	1	17.50	1.67	0.50	14.613	cft
	1	17.50	0.83	0.50	7.263	cft
Toilet	1	4.00	1.67	0.50	3.340	cft
	1	4.00	0.83	0.50	<u>1.660</u>	cft
					729.134	cft

Deduction

Main Room	13	0.83	0.83	2.50	22.389	cft
Verandah	5	0.83	1.00	3.00	<u>12.450</u>	cft
					34.839	cft
					694.295	cft
					19.660	m3
					6040	
						118746.69

9(5.03.07) 25mm thick Damp Proof Course (DPC) with cement concrete (1:2:4) with Portland cement, sand (minimum F.M. 1.80) and 10mm down graded 1st class/picked jhama brick chips (maximum LAA 40) in/c casting, compacting, curing, coal tar/bitumen painting etc all complete as per direction of the E-I-C.

On Wall 1 140.00 0.83 116.200 Sft

Deduction | Door

D₁ 3 3.50 0.83 8.715 Sft

D ₂	1	3.00	0.83	2.490	Sft
D ₃	1	2.50	0.83	2.075	Sft
				13.280	Sft
				102.920	Sft
				9.565	m2

362.9

3471.16

10 (pwd-04.16) 125 mm brick work with 1st class bricks in cement mortar (1:4) and making bond with connected walls in/c necessary scaffolding, raking out joints, cleaning and soaking the bricks at least for 24 hours before use, washing of sand, curing for requisite period, etc. all complete as per direction of the E-I-C for all floors. (Minimum F.M. of sand : 1.2) Ground Floor.

A. Main Room	1	140.00	8.50	1,190.000	Sft
B. Toilet	1	12.92	7.5	96.900	Sft
				1,286.900	Sft

Deduction

Door

D ₁	3	3.50	6.00	63.000	Sft
D ₂	1	3.00	6.00	18.000	Sft
D ₃	1	2.50	6.00	15.000	Sft
Window	7	3.00	4.00	84.000	Sft
Lintel	1	126.00	0.50	63.000	Sft
Ventilator	11	1.00	1.50	16.500	Sft
				259.500	Sft

1,027.400 Sft

95.483 m2

948.00

90518.14

11(5.04.03.01) Brick walls of width one brick or one and half brick length with 1st class bricks in cement mortar (1:6) in superstructure in/c raking out joints, filling interstices tightly with mortar, cleaning and soaking bricks at least for 24 hours before use, washing of sand, necessary scaffolding, curing for requisite period, etc. all complete as per direction of the E-I-C. (Minimum F.M. of sand : 1.2) Ground Floor.

Ground Floor

Brick Pillar (toilet)	2	0.83	0.83	7.5	10.334	cft
					0.293	m3
					7829.51	
						2290.99

12(5.12.01) Minimum 12mm thick cement plaster (1:4) to dado and plinth wall up to 150mm below ground level with neat cement finishing in/c washing of sand, finishing the edges and corners and curing for the requisite period etc. all complete as per direction of the E-I-C (Sand of minimum F.M 1.2 be used).

Ground Floor

A. Out Side

th wall - Back Side	1	39.67	2.00	79.340	Sft
Left Side	1	22.83	2.00	45.660	Sft
Front Side	1	34.10	2.00	68.200	Sft
Right Side	1	6.17	2.00	12.340	Sft
	1	16.67	2.00	33.340	Sft

Verandah

Front Side	1	34.83	0.75	26.123	Sft
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Step

Tread

Main Room	2	17.50	0.83	29.050	Sft
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Toilet

Sides

Main Room	4	1.67	0.50	3.340	Sft
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Toilet

B. In Side

Room - Scatting	1	99.50	0.75	74.625	Sft
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Pillar - Interior

Var - Front Side	1	34.83	0.75	26.123	Sft
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Pillar - Varendah

410.940 Sft

13 (5.12.02.01) Minimum 12mm thick cement plaster (1:6) to wall both inner and outer surface, finishing the corner and edges in/c washing of sand cleaning the surface, scaffolding and curing for the requisite period etc. all complete as per direction of the E-I-C. (Sand of minimum F.M 1.2 be used). Ground floor.

<u>A. Inside</u>					
Room					
Main	2	25.08	7.75	388.740	Sft
	2	16.58	7.75	256.990	Sft
Store	2	8.08	7.75	125.240	Sft
	2	8.08	7.75	125.240	Sft
Office	2	8.08	7.75	125.240	Sft
	2	8.08	7.75	125.240	Sft
Toilet	2	4.42	6.75	59.670	Sft
	2	4.92	6.75	66.420	Sft
Verandah Wall					
Front	1	34.83	7.75	269.933	Sft
Pillar					
Inner	2	2.00	8.25	33.000	Sft
Verandah	5	2.00	5.92	59.200	Sft
				1,634.913	Sft
Deduction					
Door - D ₁	6	3.50	6.50	136.500	Sft
D ₂	2	3.00	6.50	39.000	Sft
D ₃	1	2.50	6.50	16.250	Sft
Window	7	3.00	4.00	84.000	Sft
	2	3.00	4.00	24.000	Sft
Ventilator	10	1.50	1.00	15.000	Sft
			(-)	314.750	Sft
				1,320.163	Sft
<u>B. Outside</u>					
(a) Main Room					
Back Side	1	34.62	9.00	311.580	Sft
Left Side	1	17.42	9.00	156.780	Sft
Right Side	1	11.67	9.00	105.030	Sft
(b) Toilet					
Back Side	1	4.62	7.00	32.340	Sft
Front Side	1	4.62	8.00	36.960	Sft
Right Side	1	5.75	7.50	43.125	Sft
				685.815	Sft
Deduction					
Door - D ₃	1	2.50	6.50	16.250	Sft
Window	7	3.00	4.00	84.000	Sft
Ventilator	10	1.50	1.00	15.000	Sft
			(-)	115.250	Sft
				570.565	Sft
			(A+B) =	1890.728	Sft
				175.718	m2

242.78

42660.86

14 (5.05.01.01) Reinforced cement concrete works (1:2:4) having minimum cylinder crushing strength 170 kg/cm² at 28 days with Portland cement (conforming to BDS 232), best quality coarse sand (50% quantity of sand of minimum F.M. 1.2 and 50% quantity of coarse sand of minimum F.M. 2.5) 20mm down graded picked jhama brick chips in/c breaking chips and screening, centering, shuttering, making shuttering fully leak proof, placing of rod in position, mixing the aggregates with mixer machine, pouring, casting, compacting by vibrator machine and curing at least for 28 days (excluding the cost of reinforcement and its fabrication) etc. all complete as per direction of the E-I-C. In individual and continuous footing of column, raft and floor slab at plinth level.

<u>Footing of column</u>	15	3.00	3.00	0.58	78.300	cft		
					2.217	m3	10155.47	22516.59

15(5.05.02.01) Reinforced cement concrete works (1:2:4) having minimum cylinder crushing strength 17 MPa at 28 days with Portland cement (conforming to BDS 232), best quality coarse sand (50% quantity of sand of minimum F.M. 1.2 and 50% quantity of coarse

<u>Column</u>								
ain Pillar - Up to PL	15	0.83	0.83	4.25	43.917	cft		
PL to above	15	0.67	0.67	9.00	60.602	cft		
ah Pillar - up to PL	5	0.83	1.00	3.75	15.563	cft		
PL to above	5	0.67	0.67	6.67	14.971	cft		
					135.052	cft		
					3.824	m3	14601.41	55838.95

16 (5.05.03.01) Reinforced cement concrete works (1:2:4) having minimum cylinder crushing strength 170 kg/cm² at 28 days with Portland cement (conforming to BDS 232), best quality coarse sand (50% quantity of sand of minimum F.M. 1.2 and 50% quantity of coarse sand of minimum F.M. 2.5) 20mm down graded picked jhama brick chips in/c breaking chips and screening, centering, shuttering, making shuttering fully leak proof, placing of rod in position, mixing the aggregates with mixer machine, pouring, casting, compacting by vibrator machine and curing at least for 28 days (excluding the cost of reinforcement and its fabrication) etc. all complete as per direction of the E-I-C. In Tie beam and lintel Below Plinth Level and in Ground Floor.

<u>Lintel</u>	1	126.00	0.42	0.50	26.460	cft		
Deduction								
Pillar	13	0.67	0.67	0.42	2.451	cft		
					24.009	cft		
					0.680	m3	14208.99	9660.02

17 (5.05.07.01) Reinforced cement concrete works (1:2:4) having minimum cylinder crushing strength 170 kg/cm² at 28 days with Portland cement (conforming to BDS 232), best quality coarse sand (50% quantity of sand of minimum F.M. 1.2 and 50% quantity of coarse sand of minimum F.M. 2.5) 20mm down graded picked jhama brick chips in/c breaking chips and screening, centering, shuttering, making shuttering fully leak proof, placing of rod in position, mixing the aggregates with mixer machine, pouring, casting, compacting by vibrator machine and curing at least for 28 days (excluding the cost of reinforcement and its fabrication) etc. all complete as per direction of the E-I-C. In sunshade, cornice, railing, drop wall, louver and fins (average 62mm to 87 mm thick) Ground Floor.

<u>Sunshed</u>	6	3.5	1.5		31.500	sft		
					2.928	m2	17259.16	50526.35

18 (pwd-08.1.1) Supplying and fabrication of M.S High strength deformed bar/ Twisted bar reinforcement of required size and length for all types of RCC work in/c straightening the rod, removing ruts, cleaning, cutting, hooking, bending, binding with supply of 22 B.W.G. GI wire, placing in position, in/c lapping, spacing and securing them in position by concrete blocks (1:1), metal chairs, etc. complete in/c cost of all materials, labor, local handling incidentals necessary to complete the work as per specifications, drawings and direction of the E-I-C. (Measurement will be based on standard weight of 490 lbs./ft³ Chairs, laps and separators will not be measures for payment. The cost of these will be included in the unit rate)

M.S. Rod, deformed (grade 40, billet, SK-30)

A. 3/8" Ø Rod								
Column								
Verandah - Main	20	10.67			213.400	ft		
Main Room - Main	60	14.08			844.800	ft		
Base	246	2.5			615.000	ft		
Lintel								



Back - Main	4	34.42		137.680	ft
Front - Main	4	34.42		137.680	ft
Side - Main	2	17.42		34.840	ft
Party(L) - Main	1	17.42		17.420	ft
Party(S) - Main	1	8.92		<u>8.920</u>	ft
				2009.740	ft
Toilet	4	4.42		17.680	ft
Sunshed	18	3.00		<u>54.000</u>	ft
				2081.420	ft
				634.417	m
	@	0.616 kg/m		390.801	kg
B. 1/4" Ø Rod					
Column					
Verandah - Main	70	2.25		157.500	ft
Main Room - Main	285	2.25		641.250	ft
Lintel					
Back - Main	1	42 nos			
Front - Main	1	42 nos			
Side - Main	2	42 nos			
Party(L) - Main	1	21 nos			
Party(S) - Main	1	<u>11 nos</u>			
	=	158	1.42	224.360	ft
Toilet	1	6	1.42	<u>8.520</u>	ft
				1031.630	ft
				314.441	m
	@	0.222 kg/m		69.806	kg
C. 3/8" Ø Rod					
Sunshed					
	36	1.75		63.000	ft
				19.202	m
			@	0.62 kg/m	11.905 kg
				472.512	kg
				79.00	37328.46

19 (5.06.05) Mild steel work in roof truss, supplying and fabrication of mild steel sections as per design, hoisting, fitting and fixing in position with bolts and nuts or rivets or welded and providing two coats of anticorrosive paint over a prime coat of red oxide paint etc. all complete as per direction of the E-I-C (Measurement be given for solid steel section only).

A. Size: 2"x2"x1/4"

Main Room

5	17.50	87.500	ft
		26.670	m
	@	4.50 kg/m	120.015 kg

B. Size: 1½"x1½"x1/4"

Main Room

Vertical Strut	5	4.00	20.000	ft
Inclined Strut	10	4.70	47.000	ft
Hanger	10	2.00	20.000	ft
Rafter				
Back Side	5	11.50	57.500	ft
Front Side	5	17.00	85.000	ft
Purling				
Front Side	3	38.00	114.000	ft
Front Side				
Toilet	4	38.00	152.000	ft
Wall Plate	2	4.42	8.840	ft
Rafter	3	7.00	<u>21.000</u>	ft
			525.340	ft

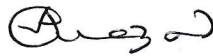
Gabble Side

Vertical member (4.0+1.50+1.50)x2 =				14.000	ft		
				604.680	ft		
				184.306	M		
Size: 1/4"x3/16" (F.I.Bar) @ 3.50 kg/m				645.073	kg		
Wind Tie							
Back Side	3	38.00		114.000	ft		
Front Side	4	38.00		152.000	ft		
				266.000	ft		
				81.077	m		
@ 1.20 kg/m				97.292	kg		
D. Size: 1/4" thick Gusset Plate							
At Apex	5	1.00	0.75	3.750	Sft		
At Base	5	1.00	0.75	3.750	Sft		
At Head of Strut	10	0.75	0.50	3.750	Sft		
At Base of Strut	10	0.75	0.50	3.750	Sft		
At End of tie	10	0.75	0.50	3.750	Sft		
				18.750	Sft		
				1.743	m ²		
@ 47.10 kg/m ²				82.075	kg		
E. Size: 1/4" thick	20	0.5	0.5	5.000	Sft		
Base Plate				0.465	m ²		
@ 47.10 kg/m ²				21.887	kg		
F. Size: 1/2" Ø rod Anchor Bolt							
Main Room	40	1.00		40.000	ft		
Toilet	4	1.00		4.000	ft		
				44.000	ft		
				13.411	m		
@ 0.89 kg/m				11.909	kg		
G. Size: 1 1/4"x1 1/4"x							
Main Room	35	0.17		5.950	ft		
Toilet	6	0.17		1.020	ft		
				6.970	ft		
				2.124	m		
@ 2.20 kg/m				4.674	kg		
Total				982.924	kg	106.53	104710.91
20 (Analysis) Supplying, fitting and fixing door frame with MS angle (38mm x 38mm x 6mm), fixing, 250mm long 6 nos. of iron clamps of same size (one end bifurcated) with vertical members of the frame, fixing the frame in wall with cement concrete (1:2:4), mending good damages, fixing 3 nos. of 100mm size iron hinges with the vertical members of the frame for single leaf shutter, painting all iron faces in 2 coats over a coat of priming with enamel paint of approved color and quality, in/c cutting, sizing, welding, etc. all complete as per plan and direction of the E-I-C.							
Door - D ₁	3	15.50		46.50	ft		
D ₂	1	15.00		15.00	ft		
D ₃	1	14.50		14.50	ft		
				76.00	ft		
				23.165	m	925.8	21445.97
21 (Analysis) Supplying, fitting and fixing 38 mm thick well matured wood panel door shutters (minimum 250 mm wide plank), top, rail and styles of sections (100mm x 38mm), lock rail (125mm x 38mm) and bottom rail (225mm x 38mm) paneling 38mm thick both sides raised, provided with best quality 6 nos. 100mm iron hinges, 2 nos. best quality 12mm dia 300mm and 225mm long iron tower and socket bolts 2 nos. heavy type nickel plated handle, hinge cleats, buffer blocks and finished with sand papering for all floors etc. all complete as per direction of the E-I-C. (Double leaf. All sizes of wood are finished). For							
Door - D ₁	3	3.50	6.50	68.25	Sft		
D ₂	1	3.00	6.50	19.5	Sft		
D ₃	1	2.50	6.50	16.25	Sft		
				104.00	Sft		
				9.665	m ²	4800.00	46394.05

22. (5.08.15) Supplying fitting and fixing window shutter including frame & Grill having requisite Nos. of vertical and horizontal standard M.S angles 1" x 1" x 3/16" and 3/4" x 3/16" and M.S flat bar 1" x 3/16" and 3/4" x 3/16" (grill) with grill F.I clamps 0'-9"							
Window	7	4.00	4.50	126.00	Sft		
				11.710	m2	3866.51	45276.98
23 (5.16.10.01) Painting to door and window frames and shutters in two coats with synthetic enamel paint of best quality and approved color over a coat of priming in/c cleaning, finishing and polishing with sand paper, necessary scaffolding etc. all complete in all floors as per direction of the E-I-C.							
(a) B.F Quantity same as Item no. 21				9.665	m2		
(b) B.F Quantity same as Item no. 22				11.710	m2		
				21.375	m2		
2				42.751	m2	244.3	10444.05
24 (5.12.11) Pre-cast ventilators (25 mm thick) of any design with cement mortar (1:4), fitted and fixed in position, finished with cement plaster (1:6) in/c necessary scaffolding and curing for requisite period in all floors, etc. all complete as per direction of the E-I-C.							
Ventilator	10	1.50	1.00	15.000	Sft		
				1.394	m2	1993.39	2778.89
25 (5.09.01.01) Supplying, fitting and fixing 0.45mm thick galvanized iron corrugated sheet (Bangladesh made) roofing fitted and fixed on MS sections with 'J' hook or wooden purling with screws, limpet washers and putty etc. all complete as per direction of the E-I-C.							
A. Main Room							
Front Side	1	38.00	12.00 Sft	456.00	Sft		
Back Side	1	38.00	17.50 Sft	665.00	Sft		
Gabble Site	2		34.84 Sft	69.68	Sft		
				1190.68	Sft		
B. Toilet							
	1	8.00	4.50 Sft	36.00	Sft		
				1226.68	Sft		
				114.004	m2	771.12	87910.55
26 (5.09.01.02) 0.46mm thick galvanized iron plain sheet ridding with 300mm lap on either side fitted and fixed with galvanized bolts and nuts etc. all complete as per direction of the E-I-C.							
Main Room	1	38.00		38.00	ft		
				11.58	m	231.75	2684.22
27 (Non Schedule) Supplying fitting fixing water seasoned double tarzamat ceiling in horizontally place including supplying necessary fixtures strengthening with borak bamboo batten placed @ 12" c/c on both ways & both sides and tightening drawing specification and dir EC.							
Main Room	1	33.58	16.58	556.76	Sft		
Toilet	1	4	4.5	18.00	Sft		
				574.76	Sft		
				53.416	m2	320.00	17093.13
28 (5.16.01.01) White washing three coats over a coat of priming with slacked stone lime mixed with gums, blue in/c scaffolding and necessary cleaning before and after the wash, polishing the surface with sand paper etc. all complete for all floors as per direction of the E-I-C.							
Quantity Same as item number 13.				175.718	m2	26.11	4588.00
29 (7.08.09.01) Supplying, fitting and fixing 3.66m long Ventilation pipe with all fittings and specials like 50mm plain bends, tees, 50mm dia cowls etc. including gasket with cement joints and mending good the damages etc. all complete as per direction of the E-I-C.							
1.83m long 50mm dia H.C.I. ventilation pipe							
	1			1	nos	2484.72	2484.72
30 (7.12.01.03) For two-in-pit latrine Construction of Y-junction pit mortar for twin pit sanitary latrine, with depth 375mm and octagonal in shape with each arm of 150mm in length with 125mm brick work in cement mortar (1:4), 50mm thick RCC (1:2:4) top slab having reinforcement with 10 BWG wire @125mm c/c both way including necessary earth excavation, side filling, one layer of brick flat soling work, side filling and one layer brick flat soling on a 75 mm thick CC (1:3:6) base for making invert channel (shape should be from one inlet to two outlet with one CC separator) including 12mm thick Cement Plaster (1:2) with neat cement finishing, casting, curing, reinforcement fabrication etc. all complete as per drawing and direction of the E-I-C. (The item is inclusive of the cost of reinforcement)							
	1			1	nos	4595.22	4595.22

31 (7.11.06) Construction of soak or leaching pit including supplying and fitting of 760mm dia 38mm thick 305mm height RCC (1:2:4) ring with 3 layers of No. 10 BWG wire as reinforcement placing in position one above another at equal spacing, placing in position, filling interstices with local sand, placing pit, jointing with 1:6 sand-cement mortar, making hole to RCC ring for inlet pipe and vent pipe including all fittings and jointing including labor, site cleaning, all complete as per drawing and direction of E-I-C.					
16	16	nos	368.12	5889.92	
32 (7.08.11.03) Supplying, fitting, fixing and laying 300mm dia RCC pipe over 100mm thick Cement Concrete (1:3.6) at base and sides including single layer brick flat soling and gasket with cement mortar joints, cutting and filling trenches up to required depth etc. all complete in all respect as per type plan and direction of the E-I-C.					
1	5.50	5.50	m	1426.78	7847.29
Sub Total (TK)				942182.96	





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প্রকল্প প্রকৌশলী
আশ্রয়ণ-২ প্রকল্প
প্রধানমন্ত্রীর কার্যালয়



Details Estimate For Tube-well. Schedule of Rates LGED

PART-B:

CODE	Componant	Length	Breadth	Height	Number	Quantity	Unit	Rate	Amount
							m		
01 (10.02.01)	Boring by using 100mm dia cutter and 38mm dia GI Pipe and other equipment capable of drilling up to a depth of 500m by water jet system through all sorts of strata, protection of caving by supplying necessary casing pipe, collection of soil samples at every 3m interval and at every change of strata and preserve them for analysis, withdrawal of boring pipes & casing pipes etc. all complete as per specification and direction of the E-I-C. From 0.0m to 50m = 50m.								
		63.05			1	63.05	Rm	124.67	7860.444
02 (10.03.01)	Supplying and lowering 38mm dia water grade PVC pipehaving wall thickness 2.5m to 3.0mm ('D' Class Aziz pipe/equivalent), PVC sand trap of length 3.0m with cap, PVC strainer of desired slot installing at the middle of the most suitable water bearing strata. 38mm dia GI pipe of best quality of length 1.52m with MS welded flat bar on each side to prevent from rotation up to the desired depth, fitting fixing the hand pump No. 6 etc. including the cost of solvent cement, socket adapter, filling medium sand up to 18.0m above strainer and the remaining portion with available soil from boring etc. all complete as per standard specification and direction of the E-I-C Hand pump No. 6 complete set (EPL/RFL) (Medium)/equivalent brand).								
		1			1	1	Each	3168.40	3168.400
03 (10.03.02)	Supplying and lowering 38mm dia water grade PVC pipe having wall thickness 2.5m to 3.0mm ('D' Class Aziz pipe/equivalent), PVC sand trap of length 3.0m with cap, PVC strainer of desired slot installing at the middle of the most suitable water bearing strata. 38mm dia GI pipe of best quality of length 1.52m with MS welded flat bar on each side to prevent from rotation up to the desired depth, fitting fixing the hand pump No. 6 etc. including the cost of solvent cement, socket adapter, filling medium sand up to 18.0m above strainer and the remaining portion with available soil from boring etc. all complete as per standard specification and direction of the E-I-C 38mm dia GI pipe 2.9mm thick (National Tubes/equivalent).								
		1.5			1	1.5	m	652.62	978.93
04 (10.03.03)	Supplying and lowering 38mm dia water grade PVC pipe having wall thickness 2.5m to 3.0mm ('D' Class Aziz pipe/equivalent), PVC sand trap of length 3.0m with cap, PVC strainer of desired slot installing at the middle of the most suitable water bearing strata. 38mm dia GI pipe of best quality of length 1.52m with MS welded flat bar on each side to prevent from rotation up to the desired depth, fitting fixing the hand pump No. 6 etc. including the cost of solvent cement, socket adapter, filling medium sand up to 18.0m above strainer and the remaining portion with available soil from boring etc. all complete as per standard specification and direction of the E-I-C 38mm dia water graded PVC pipe having thickness 2.5- 3.00mm ('D' class Aziz brand/equivalent) pipe sand trap.								
		60			1	60	m	117.77	7066.2

ma

P

[Signature]

05 (10.03.04) Supplying and lowering 38mm dia water grade PVC pipe having wall thickness 2.5mm to 3.0mm ('D' Class Aziz pipe/equivalent), PVC sand trap of length 3.0m with cap, PVC strainer of desired slot installing at the middle of the most suitable water bearing strata. 38mm dia GI pipe of best quality of length 1.52m with MS welded flat bar on each side to prevent from rotation up to the desired depth, fitting fixing the hand pump No. 6 etc. including the cost of solvent cement, socket adapter, filling medium sand up to 18.0m above strainer and the remaining portion with available soil from boring etc. all complete as per standard specification and direction of the E-I-C 38mm dia water graded PVC strainer having thickness 2.5 – 3.0mm ('D' class Aziz brand/equivalent) of recommended slot size.

	3.05	1	3.05	Rm	116.78	356.179
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06 (10.03.05) Supplying and lowering 38mm dia water grade PVC pipe having wall thickness 2.5mm to 3.0mm ('D' Class Aziz pipe/equivalent), PVC sand trap of length 3.0m with cap, PVC strainer of desired slot installing at the middle of the most suitable water bearing strata. 38mm dia GI pipe of best quality of length 1.52m with MS welded flat bar on each side to prevent from rotation up to the desired depth, fitting fixing the hand pump No. 6 etc. including the cost of solvent cement, socket adapter, filling medium sand up to 18.0m above strainer and the remaining portion with available soil from boring etc. all complete as per standard specification and direction of the E-I-C, 38mm dia socket adapter, filling medium sand up to 18.00 m above strainer and remaining portion with available soil from boring etc. all complete as per standard specification and direction of the E-I-C 38mm dia water graded PVC pipe having thickness 2.5 to 3.00 mm (D' class Aziz brand/equivalent) pipe sand trap.

	1	1	1	Each	16.59	16.59
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07 (10.08) Construction of C.C. (1:2:4) platform of size 1.40mx1.00m and 1.00m long drain as per design and standard specifications including cost of sanitary seal, neat cement finishing, transport etc. all complete as per specifications and direction of the E-I-C.

	1	1	1	Each	5238.81	5238.81
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08 (Testing) Testing As Arsenic Testing, Commission of Tube-well

	1	1	Nos	1314.45	1314.45
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Total Amount= Tk 26000.00





Detaild Estimate of Furniture for the Community Center.

Part-C:						
Description of Item	Calculation				Quantity	Unit
	No	L (ft)	B (ft)	H (ft)		
1 (Non schedule) Supplying Steel Almirah (Size : 1.8m x 0.9m x 0.675m) with required number of drawers, made of 18 BWG MS sheet at front and two parallel sides and 20 BWG MS sheet at back side as per approved design and specification in/c superior quality painting with synthetic (BERGER/equivalent) enamel paint in/c welding, plane surfacing, denting points, fitting and fixing standard lock with two sets of keys and also lock in drawers etc. all complete as per direction of the E-I-C.	1				1	each
						18000.00
						18000.00
2 (Non schedule) Supplying Low Bench (Size : 1.35m x 0.25m x 0.375m) with top made of best quality seasoned wood (well matured and sapless) like Jack wood, Silkarai, Gamari and Chittagong Teak. Legs and structures be made of steel angle in box form, welded (12mm weld length @ 50mm c/c all through angle box), cold bended and formed round corners. Exposed faces of all iron components shall be painted and finished with 2 coats BERGER/equivalent enamel paint over a coat of priming and wood surfaces to be varnished with best quality varnish in 3 coats, fabrication of steel angle box, finishing, assembling of all components, providing best quality PVC stoppers, fixing with requisite numbers and sizes of nuts and bolts and packing, etc all complete as shown in the drawing (if provided) and as per direction of the E-I-C.	7				7	each
						2903.00
						20321.00
3 (Non schedule) Supplying best quality armless Chair (wooden sit and back) of standard size made of best quality well matured, fully seasoned jack wood (timber should be sapless) in/c superior quality varnishing/French polishing and finishing, etc. all complete as per design (if provided) and direction of the E-I-C. (This item includes delivering the furniture at the instructed place).	4				4	each
						623.60
						2494.40
4 (Non schedule) Supplying ordinary Table (Size : 1.08m x 0.76m) made of best quality well matured, fully seasoned jack wood (timber should be sapless) in/c superior quality varnishing/French polishing and finishing, etc. all complete as per design (if provided) and direction of the E-I-C. (This item includes all fittings, fixings and delivering the furniture at the instructed place).	2				2	each
						10500.00
						21000.00
5 (Non schedule) Supplying Wooden Black Board (Size: 5'-0" X 3'-0" X 0'-1") made of best quality well matured, fully seasoned jack wood (timber should be sapless) in/c superior quality varnishing/French polishing Or paint and finishing, etc. all complete as per direction of EinC.	1				1	each
						10000.00
						10000.00
Sub Total (TK)						71815.40

Detaild Estimate of Television & other Accessories for the Community Center.

PART-D:

Description of Item	Calculation				Quantity	Unit	Rate	Amount
	No	L (ft)	B (ft)	H (ft)				
1 Supplying Television 21" Colour etc all as per direction of EC. (Rate is inclusive of delivering the furniture at the selected Community Center).	1				1	each	20000.00	20000.00
2 Supplying Lucas Battery(12Volt, 200 AMP) as per direction of EC.	1				1	each	15000.00	15000.00
3 Supplying others accessories such as Lock & Key , Haricane, Glass, Jug, Container, Cutleries, Duster etc all complete as per direction of EC.	LS				LS	each	10000.00	8000.00
Sub Total (TK)								43000.00

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আশ্রয়ণ-২ প্রকল্প