

CHILDCARE & ADULT LEARNING CENTER BUI

Yoshinkhel-11 Bhaktapur Details of Measurement Bill

Project / Owner :Childcare & adult learning center

Construction of : **Residence Building**

Type of Bill :Estimate Bill

Abstract of Cost

S.N.	Description of Items	Unit	Quantity	M. U. Rate (Nrs)	Material Amount (Nrs)	Labour Amount (Nrs)
A.	CIVIL WORKS:					
1	Earthwork in excavation in foundation for lift upto 1.5 meter including timbering pumping out water from foundation trench, steking of the soil 1.00 meter minimum from the edge of the foundation trench and disposing the excess soil up to a lead of 30.00 meter as per direction all complete and top soil should be remin on site.	Cu.ft.	1736,05	4,50		7.812,23
2	Earth work in back filling in foundation trenches and floor with materials associated excavation including machine compaction in 15 cm layers with sprinkling of water to obtain required compaction as per approval of site engineer.	Cu.ft.	4371,91	43,72	191.136,30	
3	One Layer flat brick soling in sand joints.	Sq.ft	1255,50	24,12	27.142,06	3138,76
4	Providing and laying of 3 Inch thick P.C.C. of M150(1:2:4) with cement sand and 12mm down aggregate including mixing, laying and curing the work all complete.	Cu.ft	303,48	168,19	42252,44	8788,52
5	Exposed quality in both side of 30 inch thick Brick boundary. Stone paving Protection from mud without any damages or broken edges in (1:4) ratio for out side of building all over	Cu.ft	393,75	113,47	37590,17	7087,50
6	Exposed quality in both side of 24 inch thick Brick boundary. Stone paving Protection from mud without any damages or broken edges in (1:4) ratio for out side of building all over	Cu.ft	315,00	113,47	30072,14	5670,00
7	Exposed quality in both side of 18 inch thick Brick boundary. Stone paving Protection from mud without any damages or broken edges in (1:4) ratio for out side of building all over	Cu.ft	639,00	113,47	61003,48	11502,00
8	Exposed quality in both side of 9 inch thick Brick boundary wall Protection from mud without any damages or broken edges in (1:4) ratio for out					

side of building all over	Cu.ft	653,63	110,13	62.399,69	9.586,50

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S.N.	Description of Items	Unit	Quantity	U. Rate (Nrs)	Material Amount (Nrs)	Labour Amount (Nrs)
	Previous Amount					
	FOUNDATION & TIE BEAM					
9	R.C.C. WORKS:					
	a) M20 Reinforcement Cement Sand Aggrigate of (1:2:3) for R.C.C. work with cement, sand beams, lintles, column etc.	Cu.ft	537,81	197,19	87.230,12	18.823,44
	b) M20 Reinforcement Cement Sand Aggrigate of (1: 1.5 :3) for R.C.C.Column, Tie Beam	Cu.ft	187,31	181,65	30.279,87	3.746,25
10	c)TOR STEEL Reinforcement bar tested including strenthening, cleaning, cutting, bending and fixing in position with 20 B.G. Annealed Tying as per drawing and instruction.	Kg	2570,45	58,11	149.368,62	
11	d) PLYWOOD FORMWORK - Shuttering centering with approved materials for all kinds of works with necessary propping scaffolding, steging, supporting including wedging and cutting holes for utilizing work fully unyeilding as per direction of site engineer.	Sq.ft		0,00		

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	Previous Amount					
	<u>GROUND FLOOR & FIRST FLOOR</u>					
9	<u>R.C.C. WORKS:</u>					
	a) M20 Reinforcement Cement Sand Aggregate of (1:2:3) for R.C.C. work with cement, sand beams, lintles, column etc.	Cu.ft	537,81	197,19	87.230,12	18.823,44
10	c)TOR STEEL Reinforcement bar tested including strenthening, cleaning, cutting, bending and fixing in position with 20 B.G. Annealed Tying as per drawing and instruction.	Kg	6791,67	58,11	394.663,77	
11	d) PLYWOOD FORMWORK - Shuttering centering with approved materials for all kinds of works with necessary propping scaffolding, steging, supporting including wedging and cutting holes for utilizing work fully unyeilding as per direction of site engineer.	Sq.ft		0,00		

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S.N.	Description of Items	Unit	Quantity	U. Rate (Nrs)	Material Amount (Nrs)	Labour Amount (Nrs)
	Previous Amount					
A.	<u>CIVIL WORKS:</u>					
12	Internal Wall with no side Face of 9 inch thick Brick with damages or broken edges in (1:4) ratio for in side of building all over	Cu.ft	1699,38	110,13	162234,89	22.658,40
13	Half Brick partition wall with local chimney brick work all over the building to a good smooth surface for plastering work in					

	cement sand mortar and curing the whole work all complete.	Cu.ft	106,17	102,47	10.135,74	2.252,04
14	12.5mm thick cement plaster inside and out side of the building in(1:4) ratio with cement and sand plastering on ceiling and all kinds of exposed RCC and brick wall surface of good finish including racking the the joints, wetting the surface and curing the whole work all complete.	Sq.ft	6276,25	788,32	140.121,59	25.105,00
15	12.5mm thick cement plaster Outside and out side of the building in(1:4) ratio with cement and sand plastering on ceiling and all kinds of exposed RCC and brick wall surface of good finish including racking the the joints, wetting the surface and curing the whole work all complete.	Sq.ft	5004,50	788,32	111.728,90	30.027,00
16	Fixing of seasoned salwood Door and window chaukosh including holdfast.	Nos.	16,00	200,00		3.200,00
				Sub		

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S.N.	Description of Items	Unit	Quantity	U. Rate (Nrs)	Material Amount (Nrs)	Labour Amount (Nrs)
	Previous Amount					
17	Supply and fixing of seasoned salwood door (size 3" x 4" x 7'-6") and window & ventilator (size 3" x 4" x 7'-6") chaukosh including holdfast, two coats of enamel paint over one coat of primer all complete as per drawings, specification and approval of Engineer.	Cu.ft	48,68	1450,00		70.589,63
18	Supply and fixing of 35mm thick panelled Door shutter with sal wood frame + 12mm thick waterproof ply as panel board including hing,tower bolts of 30 cm and 15cm, door stopper, aldrop for pad lock, door handles, screws, 2coats of primer etc.					

	all complete as per drawings, specification and approval of Engineer.	Sq.ft	273,00	610,00		166.530,00
19	Supply and fixing of 35mm thick glazed Window shutter with sal wood frame + 4mm thick glass including hing,tower bolts 2 nos of 15cm, J hooks, handles, screws, 2 coats of enamel paints over one coat of primer etc.all complete as per drawings, specification and approval of Engineer.	Sq.ft.	140,00	240,00		33.600,00
20	3mm thick cement sand punning in 1:1 ratio on floor including mixing, laying and rubbing with steel trowel to a hard, smooth and shining surface all complete.	Sq.ft.	1848,00	40,00		73.920,00
21	15cm height Skirting for all types of floors makes with neat	R.ft	445,00	70,00		31.150,00
				Sub		

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	Previous Amount					
22	Supply and Laying of 2 cm thick marble of approval colour on the Kitchen counter of pantry room in 1:4 cement sand mortar including grinding to a smooth surface, wax polishing, etc. all complete.	Sq.ft	1137,40	483,00		549.365,66
		Rft	269,00	475,00		127.775,00
23	Providing and laying of white-glazed ceramic tiles for toilet blocks, pantries, bathroom Walls etc. of Somani/Pikinton/ Orient orequivalent of it ceramics tiles makes with neat cement pasted and floated for levelling over a levelling course of 1:4 cement mortar plaster inclusive of brushing and cleaning the surface with white cement and finishing to completion as per drawing and instruction all complete.					

		Sq.ft	392,00	161,00		63.112,00
24	Providing and laying of non-glazed ceramic tiles for toilet floors of Somani/Pilkinton/Orient or equivalent of it ceramic tiles makes with neat cement pasted and floated for levelling over a levelling course of 1:4 cement mortar plaster inclusive of brushing and cleaning the surface with white cement and finishing to completion as per drawing and instruction. The cost of 1:4 cement sand mortar for levelling course is to be included					
		Sq.ft.	40,00	161,00		6.440,00
25	Construction of Apron drain					
		RM.	39,00	450,00		17.550,00
26	Providing and fixing of iron Grill work fabricated from 20x4.5mm M.S. flat as per approved design along with one coat of red oxide primer.					
		Sq.ft	140,00	75,33		10.546,20
				Sub		

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B	Previous Amount					
	WATER SUPPLY AND SANITARY WORKS					
1	Providing and fixing in position white glazed ceramic Indian pattern Orissa Squatting Pan (23") with P' Trap, 12.5 literes capacity low level white glazed ceramic flushing cistern complete set including C.P. Long (36") flushing bend, 1/2" C.P.angle valve, C.P. connector tube, C.P. long body bib cock and C.P. twin arm robe hook all complete with testing and ready for Operation					
	Indian pattern Orissa Squatting Pan	Nos.	8,00	4630,00		37.040,00
	Indian pattern Commod	Nos.	3,00	15000,00		45.000,00
2	Providing and fixing in position white glazed earthen ware 51cmx41cm size hand wash basins with C.I. pair brackets 1/2"C.P. pillar tap, C.P. waste pipe, plug stay & chain, C.P. bottle trap all complete with testing and ready for operation.					

		Nos	2,00	4000,00		8.000,00
3	Providing and installation in position stainless steel kitchen sink single bowl with drain board including pair of C.I brackets fixed into concrete with C.P. pillar taps, 40mm C.P. 'S' or 'P' trap with eyes, 40mm C.P. waste pipe with plug stay and with chain couplings, etc. all complete with testing and ready for operation.					
		Nos.	2,00	5210,00		10.420,00
4	Providing and fixing in position 25mm dia.60 cm long heavy type C.P. towel rod with caps and C.P. screws all complete.					
		Nos	2,00	2500,00		5.000,00
5	Providing and Fixing C.P Robe hooks all					
		Nos	90,00	60,00		5.400,00
6	Water Spray a 15mm Dia (Commod Sprayer with 1.2m long Flexible pipe.					
		Nos	2,00	600,00		1.200,00
7	C.P. Angle Valve.					
		Set	2,00	500,00		1.000,00
				Sub		

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	Previous Amount					
8	Wall Mixture with telephonic Shower set	Set	2,00	5000,00		10.000,00
9	Providing and fixing in position porcelain soap dish (flush type) etc. all complete.	Nos.	2,00	425,00		850,00
10	Providing and fixing of C.P. toilet paper holder.	Nos	2,00	500,00		1.000,00
11	Supply and installation of 1/2" C.P. long body tap all Complete	Nos.	6,00	510,00		3.060,00
12	Supply and installation of 10cm X 10cm floor trap with C.P. jali double later detachable all complete					

		Nos	4,00	125,00		500,00
13	Providing and fixing in position medium class of approved G.I. pipe with 'R' Brand G.I. fittings with necessary clamps, including cutting and making holes in the floor or wall and repairing the same to its original finished. a) 25mm diameter G.I. pipe b) 15mm diameter G.I. pipe	RM	67,66	300,00		20.298,69
		RM	33,83	210,00		7.104,54
14	Rock wool wrapping for hot water pipe line	RM	51,97	125,00		6.495,73
15	Supply and fixing G.M. Fittings in position as per specification and instruction all complete. a) 25mm diameter G.M.check gate valve	Nos.	4,00	570,00		2.280,00
16	Construction of waste manhole of brickwork in cement sand motar in (1:4) of one brick wall in P.C.C.(1:2:4) concrete base with 7.5cm RCC cover as per design and instruction all complete and ready for operation for soil with the size of internal dimension of 45x45x45cm all complete.	Nos	2,00	4500,00		9.000,00
				Sub		

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17	Providing and fixing in position High Density Polythene pipes with fittings, for the vertical lines and horizontal lines washout and drain including excavation of trench with necessary clamps, cuttings holes in the floor or walls and repairing the same to its original finished painting places with approved paints both inside and outside twice etc. all complete with testing and ready for operation. a) 110mm diameter HDPE of III series	RM	31,09	255,00		7.927,46
18	Supply and installation of 75mm dia. PVC rain water down take pipe including clamping, metal funnel at top, etc. as per instruction all complete.	RM	130,00	240,00		31.200,00

19	Supply and installation of Poly water tank made of 1000 liters capacity	Nos.	1,00	4840,00	4.840,00
20	Plaster Strip on bottom edge for Stone paving thickness in cement sand mortar 1:4 -Rain water breaker	R.ft	586,00	30,48	17.860,41
21	Construction of a Septic Tank for 50 users with brick work incement sand mortar (1:6) including 12.5mm thick plastering with (1:4) cement and sand ratio and 3mm thick cement punning in (1:1) ratio on inside including all related works such as earthworkin excavation, shoring, shuttering, pumping out water as necessary, back filling,brick soling, PCC at the bottom and providing 45cm diameter opening with 38kgs CI. Cover with double seal frame also base concrete over gravel packing, baffle wall, iron foot steps, floor concrete CI. Inlet and outlet tees, RCC cover slab all complete as per design and instruction.	Nos.	1,00	30000,00	30.000,00
22	Tanky Stand	Nos	1,00	14578,00	14.578,00
				Sub	

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	Previous Amount					
23	<u>PAINTING WORKS</u> Two coats cement paint like snowcem of approved colour over a coat of primer line to give uniform colouring after rendering the surface clean and moist as per specification and instruction all complet.	Sq.ft	6276,25	30,00		188.287,50
24	Two coat of enamel paint of approved colour over one coat of primer on properly sanded surface or cleaned surface of all types of work such as staircase and corridor railing as per instruction of site Engineer all complet					

		Sq.ft	1290,76	85,00		109.714,60
C	<u>ELECTRIFICATION WORKS</u>					
1	supply, installation, testing and wiring of Light/fan points with 2*3/22 P V C insulated copper cables concealed in 19 mm dia. Heavy gauge P V C pipe with all Fixing and connecting materials including fixing and connection of control switches and regulators all complete as per layout drawing specification and instructions.	No	57,00	330,00		18.810,00
2	supply, installation, testing and wiring of multipin power switch socket points with 2*7/22 + 1*3/22 P V C insulated copper cables concealed in 19mm dia. Heavy gauge P V C pipe with all fixing and connection materials including fixing and connections of flush type multipin switch sockets all complete as per layout drawing specifications and instructions	No	18,00	495,00		8.910,00
3	supply, installation, testing of telephone point wiring with 0.6mm pairs tinned copper telephone cable concealed in 19mm dia. Heavy gauge P V C pipe with all fixing and connection materials including fixing and connecting of flush type telephone socket	No	8,00	1000,00		8.000,00
				Sub		

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	Previous Amount					
4	supply and installation of following types of light/fan fixtures with all fixing and earthing materials all complete as per drawing and instruction;					
	a) Indoor ceiling Light	Set	11,00	570,00		6.270,00
	b) Wall lights	Set	19,00	450,00		8.550,00
	c) 1*40 Decorative FTL	Set	16,00	1520,00		24.320,00
	e) Wall lamp for looking glass located as wash basin	Set	3,00	530,00		1.590,00

5	supply and laying of following types of cables;				
	b)2*7\20+1*3\20s\core P V C copper cable	RM	18,00	45,00	810,00
	c)2*3\20 + 1*1\18 s\core PVC copper cable	RM	18,00	45,00	810,00
6	Providing and fixing of lighting conductor final made of 25mm dia of 6mm thick copper base plate with all fixing and connecting materials as per specifications	Set	1,00	2000,00	2.000,00
7	Earthing with copper earth plate of 600mm*600mm*3mm thick earth electrode with all accessories and providing of masonry enclosure with pre-cast cover plate including water ring arrangement pipe,coke,salt with digging back filling of earth pit all complete as per IS 732\3047 specifications and instructions	Set	1,00	2000,00	2.000,00
8	Distribution panel board with all necessary mcb,mcb bus bars and others as per instruction electrical engineer.	Set	2,00	3300,00	6.600,00
9	Supply and installation of main meter required for the building including NEA charges	Set	1,00	5000,00	5.000,00
10	supplying and installation of sub-meter for each flats all complete.	Set	1,00	1200,00	1.200,00
				Sub	

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	Previous Amount					
11	TV points including cables and sockets all complete.	Set	2,00	1000,00		2.000,00
12	Pulling box	Set	1,00	500,00		500,00

			Grand Total		

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Page no :01

Site office :

Date : October 15,2008

Total Amount (Nrs)	Remarks
7.812,23	Foundation
191.136,30	Up to Tie Beam Lev.
30.280,82	Up to Tie Beam Lev.
51.040,95	Up to Ground Floor
44.677,67	On Footing
35.742,14	On Footing
72.505,48	On Footing

71.986,19	
505.181,78	RS

Approved By:

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Page no :02
 Site office :
 Date : October 15,2008

Total Amount (Nrs)	Remarks
505.181,78	RS
106.053,56	
34.026,12	
149.368,62	Up to Plinth Lev.
794.630,08	Rs

693,000	Sq.ft
1146,65	Per.Sq.ft

Approved By:

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Site office :
Date : October 15,2008

Total Amount (Nrs)	Remarks
794.630,08	RS
106.053,56	
394.663,77	
1.295.347,41	Rs

Approved By:

LDING.

Page no :04
Site office :
Date : October 15,2008

Total Amount (Nrs)	Remarks
1.295.347,41	
184.893,29	

12.387,78	
165.226,59	
141.755,90	
3.200,00	
1.802.810,98	

Approved By:

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Site office :

Date : October 15,2008

Total Amount (Nrs)	Remarks
1.802.810,98	
70.589,63	Including Material with Transportation

166.530,00	Including Material with Transportation
33.600,00	Including Material with Transportation
73.920,00	Including Material with Transportation
31.150,00	Including Material with Transportation
2.178.600,60	

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Site office :

Date : October 15,2008

Total Amount (Nrs)	Remarks
2.178.600,60	
549.365,66 127.775,00	Including Material with Transportation

63.112,00	Including Material with Transportation
6.440,00	Including Material with Transportation
17.550,00	Including Material with Transportation
10.546,20	Including Material with Transportation
2.953.389,46	

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Site office :

Date : October 15,2008

Total Amount (Nrs)	Remarks
2.953.389,46	
37.040,00	Including Material
45.000,00	Including Material

8.000,00	Including Material
10.420,00	Including Material
5.000,00	Including Material
5.400,00	Including Material
1.200,00	Including Material
1.000,00	Including Material
3.066.449,46	

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Site office :

Date : October 15,2008

Total Amount (Nrs)	Remarks
3.066.449,46	
10.000,00	Including Material
850,00	Including Material
1.000,00	Including Material
3.060,00	Including Material

500,00	Including Material
20.298,69	Including Material
7.104,54	Including Material
6.495,73	Including Material
2.280,00	Including Material
9.000,00	Including Material
3.127.038,42	

Approved By:

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Page no :09

Site office :

Date : October 15,2008

Total Amount (Nrs)	Remarks
3.127.038,42	
7.927,46	
31.200,00	

4.840,00	
17.860,41	
30.000,00	
14.578,00	
3.233.444,29	

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Site office :

Date : October 15,2008

Total Amount (Nrs)	Remarks
3.233.444,29	
188.287,50	

109.714,60	
18.810,00	
8.910,00	
8.000,00	
3.567.166,39	

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Page no :11

Site office :

Date : October 15,2008

Total Amount (Nrs)	Remarks
3.567.166,39	
6.270,00	
8.550,00	
24.320,00	
1.590,00	

810,00	
810,00	
2.000,00	
2.000,00	
6.600,00	
5.000,00	
1.200,00	
3.626.316,39	

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Page no :12

Site office :

Date : October 15,2008

Total Amount (Nrs)	Remarks
3.626.316,39	
2.000,00	
500,00	

3.628.816,39	

Approved By: