Food For The Hungry
Estimate for New Early Child Development Center

1	**Location: Ukhiya, Cox's Bazar**					**Start GPS:**			**Prepared Date: 20/10/2025**				**Prepared By: Akib Hossain**	
	Name of Scheme: Construction of New Early Child Development Center					**End GPS:**								
	Construction Sand Sand FM (1.2/1.8)	Cft												
	Cement (PCC)-diamond/7 Ring/Sha	Bag												
	Filling Sand [FM 0.8 to 1.2]	Cft												
	Polythenee	Each												
	Brick Chips 3/4"	Cft												
	Meheguni/Akashmoni or equivalent	Pcs												
	1st Class Bricks (9.5"X4.5"X2.75")	Pcs							**Skilled**			Days: 30		
	Ridge (Blue Colour)	Pcs							**Unskilled**					
	8mm Dia bar/BSRM-KSRM or equivalanet	Kg												
	Item Name	**Unit**	**Nos**	**Length (Ft)**	**Width (Ft)**	**Thickness/Height (Ft)**	**Volume**		**Required Quantity**	**Hollow Block**	**Unit**	**Rate**	**Amount**	**Remark**
3	**Earth Excavation**									-			-	
	Earth Excavation of House	Cft	1.00	93.32	0.50	0.83	38.73			-	cft		-	
	Earth Excavation of Toilet	Cft	1.00	20.40	0.50	0.50	5.10			-	cft		-	
	Earth Excavation of Toilet Ring	Cft	2.00	7.07		5.00	70.69							
						Total Erath Excavation	114.51		115	-	cft		-	
							Total Material Cost for Total Erath Excavation						-	
6	**CC casting In Foundation & Floor Cement, Sand, 3/4" Brick Chips (1:2:4)**													
	CC Casting in Foundation Work	Cft	1	93.32	0.50	0.17	7.78							
	Toilet Foundation Work	Cft	1	20.40	0.5	0.17	1.73							
	CC Casting in Floor Work	Cft	1	30.00	15	0.25	112.5			-				
	Toilet Foundation Work	Cft	1	20.40	0.5	0.34	3.468			-				
	CC casting For Column	Cft	1	15.00	1	1	15.00							
	Inspection Pit CC casting in Foundation	Cft	1	2.5	2.5	0.34	2.125							
	Inspection Pit Slab casting	Cft	1	2.5	2.5	0.25	1.5625							
						5% Waste	**7.21**			-				
						Total	**151.37**							
	Cement	Bag							26.99	-	Bag	-	-	
	Construction Sand [FM 1.2 to 1.8]	Cft							67.47	-	Cft	-	-	
	Brick Chips 3/4"	Cft							134.94	-	Cft	-	-	
	Polythene	sft	**1**	**93.32**	**0.50**				46.66	-	sft	-	-	
	Filling Sand [FM 0.8 to 1.2]	cft	**1**	**30.00**	**15.00**	**1.5**	**675.00**		675.00		cft	-	-	
							Total for Materials Cost						-	
7	**Wall Construction with 1st Class Bricks Cement:Fine Sand (1:4)**													
	Center 1st Class Bricks work Construction	cft	1	90	0.42	5	189		165.88				-	
	Toilet Wall Constructionwith 1st Class Bricks	cft	1	20	0.42	5	42		25.04				-	
	Inspection Pit Work with Bricks	Cft	1	8		2	16.000		16.00					
							Total		**76.05**				-	
	Cement	Bag							12.17	-	Bag	-	-	
	Construction Sand [FM 1.2 to 1.8]	cft							60.84	-	cft	-	-	
	1st Class Bricks work Construction	cft							2,958.35	-	Pcs	-	-	
	1st Class Bricks For Center Floor (BFS)	sft	1	30	15		450.00		1,653.75	-	Pcs	-	-	
							Total for Materials Cost						-	
9	**RCC Pillar {Cement,Fine Sand 3/4" Brick Chips (1:2:4)}**													
	5"X5" RCC Column for Center	cft	15	0.5	0.5	12	45.00							
	5"X5" RCC Column for Toilet	cft	4	0.5	0.5	10	10.00			-			-	
						Total	**57.75**			-			-	
	Cement	Bag							10.30	-	Bag	-	-	
	Construction Sand [FM 1.2 to 1.8]	cft							25.74	-	cft	-	-	
	Brick Chips 3/4"	cft							51.48	-	cft	-	-	
	(5"x5") 3 nos 8mm Dia Bar 12'-0" Long Bar For RCC Pillar (House)	Ft	15	12		3.00	540.00		64.94	-	Kg	-	-	
	Triangle 8mm Dia Bar for Ring 6 C/C	ft	15	24		1.00	360.00		43.29	-	Kg	-	-	
	3 nos 8mm Dia Bar 10' Long Bar For RCC Pillar (Toilet)	ft	4	10		4.00	160.00		19.24	-	Kg	-	-	
	8mm Dia Bar for Ring 7 C/C Triangle	ft	4	24		0.75	72.00		8.66	-	Kg	-	-	
							Total for Materials Cost						-	
	12mm Wall Plaster work Outside with Skirting Outer Surface Cement:Fine Sand (1:4)}													
	Out Side Center Wall Plaster work	sft	1	93.3		3.5	326.62		317.62	-	sft		-	
	Out Side Toilet Wall Plaster work	sft	1	23.3		3.5	81.62		75.37	-	sft		-	

10	Inspection Pit Plaster work	sft	1	8		2	16	16.00					
							Total	**392.99**	-	sft	-	-	
	Cement	Bag						7.85	-	Bag	-	-	
	Construction Sand [FM 1.2 to 1.8]	cft						19.6	-	cft	-	-	
							Total for Materials Cost					-	
11	**12mm Wall Plaster work Inner Wall Cement,Fine Sand (1:4)}**												
	Out Side Center Wall Plaster work	sft	1	88		3	263.94	254.94	-			-	
	Out Side Toilet Wall Plaster work	sft	1	20		3	60	55.00	-			-	
	Inspection Pit Plaster work	sft	1	8		2	16	11.00					
							Total	**309.94**	-		-	-	
	Cement	Bag						3.09	-	Bag	-	-	
	Construction Sand [FM 1.2 to 1.8]	cft						15.5	-	cft	-	-	
							Total for Materials Cost					-	
12	**Floor with NCF 12mm with Plaster work Inside {Cement,Fine Sand (1:4)}**												
	12mm Floor NCF with Plaster work Inside	sft	1	30	15		450	450.00	-			-	
	Inside Toilet 12mm Wall Plaster work	sft	1	4	6		24	24.00	-			-	
							Total	**474.00**	-			-	
	Cement	Bag						5.23	-	Bag	-	-	
	Construction Sand [FM 1.2 to 1.8]	cft						23.7	-	cft	-	-	
	Polythene	sft	1	30	15			450.0		Sft	-	-	
							Total for Materials Cost					-	
16	**House Roof Infrastructure (Meheguni/Akashmoni or equivalent)**												
	3"X3" Wall Plate In House	cft	1	90	0.25	0.25	5.63		-				
	3"X3" For Window Fixing	cft	10	8	0.25	0.25	5.00						
	2.5"X2.5" Rafter long Upper Truss	cft	5	10.5	0.17	0.17	1.52		-				
	2.5"X2.5" Rafter long King & Queen Truss Bracing	cft	5	12.6	0.17	0.17	1.82						
	2.5"X2.5" Rafter long Truss Bottom	cft	5	15	0.17	0.17	2.17						
	2"X2" Rafter short	cft	4	8.58	0.17	0.17	0.99		-				
	2"X2" Rafter short width	cft	4	13.5	0.17	0.17	1.56		-				
	2"X2" Rafter short width	cft	2	11	0.17	0.17	0.64						
	2"X2" Hip Rafter	cft	8	13.16	0.17	0.17	3.04		-				
	1.5"X2" Purlin 1st step	cft	1	102	0.17	0.13	2.13		-				
	1.5"X2" Purlin 2nd step	cft	1	81.68	0.17	0.13	1.70		-				
	1.5"X2" Purlin 3rd step	cft	1	61.68	0.17	0.13	1.29		-				
	1.5"X2"Purlin 4th step	cft	1	23.34	0.17	0.13	0.49		-				
	1.5"X2" Purlin 4th step	cft	1	14	0.17	0.13	0.29						
	1.5"X2" Purlin For Hole Coverage about Screen	cft	2	87.98	0.17	0.13	3.67						
						Total Wood	**31.92**	**31.92**	-	cft	-	-	
							Total for Materials Cost					-	
18	**Toilet Roof Infrastructure (Meheguni/Akashmoni or equivalent)**												
	2"X2" Rafter long	cft	3	9	0.17	0.17	0.75		-				
	1.5"X2" Purlin 1st step	cft	3	7	0.17	0.13	0.44		-				
	1.5"X2" Purlin For Hole Coverage about Screen	cft	2	20	0.17	0.13	0.83						
						Total Wood	**2.02**	**2.02**	-	cft	-	-	
							Total for Materials Cost					-	
20	**Bule Colour Roof Tally Tin (0.50mm)**												
	10'-X2.5' Center roof CGI Sheet 0.32 MM	sft	2	297			594.00	27.50	-	Pcs		-	
	6'-X 2.5' Center Screen for CGI Sheet 0.32 MM	sft	1	90			0.00	41.67	-	Pcs		-	
	7'-X 2.5' Toilet roof CGI Sheet 0.32 MM	sft	1	7				3.24	-	Pcs		-	
	4'-X 2.5' Toilet Screen for CGI Sheet 0.32 MM	sft	1	23.32			0.00	10.80	-	Pcs		-	
							Total					-	
	7 feet Ridge Blue Colour In House	Pcs	1	6			6.00	6.00	-	Pcs	-	-	
							Total for Materials Cost					-	
24	**White Colour Weather Coat, Distemper,Enamel Paint will apply 2 Coat**												
	2 Coat Sealer Paint Outer & Inner Surface	Sft	1	393.0	309.94	-	702.93	10.73	-	Lt		-	
	White Colur Weather 2 Coat Outer wall	Sft	1	393.0	0	-	393.0	1.96	-	Gallon		-	
	White Colur Distemper 2 Coat Inner wall	Sft	1	309.9	0		309.9	3.44		Lt		-	
						Total	**1,405.86**						
							Total for Materials Cost					-	
							Sub_Total of Construction Materilas Cost					-	
	Construction Materials							**Unit**	**Rate(BDT)**	**Required Quantity**	**Amount**	**Remarks**	
							Earth Excavation	Each	0.00	115	-		
							1st Class Bricks work (9.5X4.5X2.75)	Pcs	0.00	4,612.10	-		

A	Cement (PCC)		Pcs	0.00	65.63	-		
	Construction Sand Sand FM (1.2/1.8)		Cft	0.00	212.80	-		
	Filling Sand [FM 0.8 to 1.2]		Cft	0.00	675.00	-		
	Brick Chips 3/4"		Cft	0.00	186.42	-		
	Polythenee		Sft	0.00	496.66	-		
	8mm Dia bar		Kg	0.00	136.13	-		
	Gorjon/Meheguni/Akashmoni		Cft	0.00	33.94	-		
	Blue Clour 0.36mm CGI sheet		Job	1.00	83.20	-		
	Ridge (Blue Colour)		Pcs	0.00	6.00	-		-
	White Colour Weather Coat, Distemper,Enamel Paint will apply 2 Coat		Job	-	-	-		
	Sub_Total of Construction Materilas Cost					-		
B	Other Materials		Unit	Rate(BDT)	Required Quantity	Amount	Remarks	
	4" dia Upvc Pipe Use for Rain water Disposal & PAN Installation with Pre-Cast Ring		Rft		200.00			
	1.5 Inch inside dia best quality uPVC ventilation pipe for Gas disposal with cowl		Pcs		2.00			
	1.5 Inch inside dia best quality uPVC ventilation pipe for Gas disposal		Rft		10.00			
	Ciramic Pan (16" x 20") White Colour & Best quality (Rak/Akij or equivalent)		Pcs		1.00			
	4" dia Upvc Tee, Trap,syphon,Elbow Ect.		Pcs		6.00			
	Door for Toilet (2.5' X 6'.5") with 0.32mm plain sheet		Pcs		1.00			
	Wooden Door for Room (3'-0" X 7'-0"), with thinkness 1.25" along with standard door frame (3"x3") and best quality hasbalt		Pcs		1.00			
	Wooden Window for Center (4'-0" X 4'-4")		Pcs		4.00			
	Bamboo made Celling (Bamboo Celling - Bamboo Pit or Hard part,Hard Pard Baten @6 inch C/C-Copper wire binding.		Sft		450.00			
	Pre-cast Ring: Inner Diameter of pit is (36")		Pcs		10.00			
	RCC pre-cast slab : Diameter-(36") with 2" thick over		Pcs		2.00			
	8 mm thermal insulation		Job		1.00			
	100 Litter water Tank with Stand for Toilet		Job		1.00			
	Screw & Washer, Clip and Etc L/S Cost		L/S		1.00			
	Sub_Total of Other Materilas Cost					-		
	Sub_Total					-		
C	CBT Cost							

Labour Cost	Unit				Person	Day	Quantity	Unit	Rate	Amount	Remark
Skill Labour For Construction of New Early Child Development Center & Toilet	Each				6	15	90	Each	-	-	
Unskill Labour For Construction of New Early Child Development Center & Toilet	Each				11	15	165	Each	-	-	
Skill Labour For Construction of New Early Child Development Center & Toilet Roof Fabrication	Each				4	5	20	Each	-	-	
Unskill Labour For Construction of New Early Child Development Center & Toilet Roof Fabrication	Each				4	5	20	Each	-	-	
Skill Labour For For Construction of New Early Child Development Center & Toilet Plumbing	Each				2	2	4	Each	-	-	
Unskill Labour For Construction of New Early Child Development Center & Toilet Plumbing	Each				1	2	2	Each	-	-	
Skill Labour For Construction of New Early Child Development Center & Toilet Paint	Each				2	3	6	Each	-	-	
Unskill Labour For Construction of New Early Child Development Center & Toilet Paint	Each				2	3	6	Each	-	-	
Unskill Labour Earth Excavation & Back filling	Each				2	2	4	Each	-	-	
Transportation and marebel name plate	Each						1	Each	-	-	
Total CBT Cost										-	

D	GRAND TOTAL AMOUNT (BDT)					-	

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