

BOQ

Name of Work:- Providing Chain link fencing and gate for the Kahilipara Community Hall at Kahilipara AEGCL Colony.

Name and Address of Bidder:-

Sl. No.	Description of Item	Qty	Unit	Rate (Rs)	Amount (Rs)
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-incharge. 2.6.1 All kinds of soil Fencing base For main Post For stay Post For gate post Total = 9.75	9.75	cum		
2	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level 6.13.2 Cement mortar 1:4 (1 cement :4 coarse sand) Fencing base Less gate Total = 70.56	70.56	sqm		
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 4.1.6A/1:3:6 (1 Cement : 3 manufactured sand derived from Recycled Concrete Aggregate (RCA) : 6 graded stone aggregate 40 mm nominal size Recycled Aggregate (RA)) Fencing base Less gate				

	For main Post	60	x	0.125	x	0.125	x	0.60	=	0.56				
	For stay Post	60	x	0.125	x	0.125	x	0.60	=	0.56				
								Total	=	1.85	1.85	Cum		
4	Centering and shuttering including strutting, propping etc. and removal of form for 5.9.4 Shelves (Cast in situ)													
	Footing for gate	2	x	4	x	0.75	x	0.150	=	0.90				
	Post for gate	2	x	4	x	0.25	x	2.100	=	4.20				
	slab in gate portion	1	x	2	x	1.50	x	0.075	=	0.23				
		1	x	2	x	0.80	x	0.075	=	0.12				
								Total	=	5.45	5.45	sqm		
5	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. 5.22A.3 Cold twisted bars													
	Footing for gate	2	x	2	x	6	x	0.75	x	0.62	=	11.16		
	Post for gate	2	x	4	x	2.40	x	1.58	=	30.34				
	Stirrups for post	2	x	15	x	0.95	x	0.39	=	11.12				
	slab in gate portion	1	x	6	x	1.50	x	0.62	=	5.89				
		1	x	11	x	0.80	x	0.62	=	5.46				
								Total	=	63.97	63.97	kg		
6	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).													
	Footing for gate	2	x	0.750	x	0.750	x	0.150	=	0.17				

	Post for gate	2	x	0.250	x	0.250	x	2.100	=	0.26				
	slab in gate portion	1	x	1.500	x	0.800	x	0.075	=	0.09				
								Total	=	0.52	0.52	cum		
7	15 mm cement plaster on the rough side of single or half brick wall of mix : 13.2.1 1:4 (1 cement: 4 fine sand)													
	Fencing border above GL	2	x	2	x	24.60	x	0.30	=	29.52				
		2	x	2	x	34.50	x	0.30	=	41.40				
	post	2	x	4	x	0.25	x	1.80	=	3.60				
								Total	=	74.52	74.52	sqm		
8	Finishing walls with Acrylic Smooth exterior paint of required shade : 13.4.6.New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)													
									=	74.52	74.52	sqm		
9	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes <u>Main Frame(30 x 3.2) mm square hollow section)</u>													
	H. member	2	x	1.50	x@	2.49	=	7.47						
	V. member	3	x	1.20	x@	2.49	=	8.96						
	15 mm pipe	11	x	1.50	x@	0.947	=	15.63						
	<u>fastening</u>													
	Hinges(ISRO 25)	3	x	0.60	x@	3.80	=	6.84						
								Total	=	38.90	38.90	Kg		
10	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : 13.48.3.Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture													

	gate	2	x	1	x	1.20	x	1.50	=	3.60				
									=	3.60	3.60	sqm		
11	Supplying, fitting and fixing chain link fencing of 10 S.W.G, G.I. Wire 50mm x50mm mesh fitted to M.S angle iron post at 2000mm apart of specification detailed below including supplying, fitting and fixing hooks, eye bolts with nuts, staples and bolts including three horizontal lines of G.I wire 10 S.W.G at top,middle and bottom and with one vertical line to each fencing post for keeping the fencing tight and erect complete, including one coat of primer painting to M.S angle iron post in P.C.C base etc. with following. a) Corner and end posts with M.S angle of size 50mmx50mmx 5mm and length not less than 1800mm only duly slotted and bottom torqued with two numbers as stay posts.. b). Intermediate post with M.S angle of size 40mmx40mmx5mm and length not less than 1800mm only duly slotted and bottom torqued and splayed. c).Stay post with M.S angle of size 35 mmx35mmx5mm and length not less than 1800mm duly slotted and bottom torqued and splayed. All M.S angle iron posts are to be fitted to P.C.C base embedded not less than 600mm (P.C.C. work shall be measured and paid separately).													
		2	x	24.60	x	1.50	=	73.80						
		2	x	34.50	x	1.50	=	103.50						
	Less gate	1	x	1.20	x	1.50	=	-1.80						
							Total	=	175.50	175.50	sqm			
													Total =	
													Add GST @ 18 % =	
													Grand Total =	
													Say =	