ANNEXURE IX

HINDUSTAN PREFAB LIMITED

(A Govt. of India Enterprise)

Name of Work: "Construction of 01 No Type-V Quarter for AR Bn at Kohima, Nagaland."

ESTIMATE FOR BOUNDARY WALL AND GATE

SL. NO.	DESCRIPTION OF ITEM	Qty.	UNIT	Rate	Amount (Rs.)	DSR Ref.
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.					
a)	All kinds of soil.	12.10	Cum	130.80	1582	2.8.1
2	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in wateriing, lead upto to 50m and lift upto 1.5m	9.68	Cum	83.80	811	2.25
3	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level					
a)	1:5:10 (1 Cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size)	1.46	cum	3357.40	4895	4.1.10
4	Providing and laying cement concrete in retaining walls, return walls, walls (any thicknes) including attached pilasters, columns, piers, abutments,pillars, posts,struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor, plain window sills, fillets etc. up to floor five level, excluding the cost of centering, shuttering and finishing:					
a)	1:2:4 (1 Cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	0.62	Cum	5272.40	3290	4.2.3
5	Providing and laying in position reinforced cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level					

a)	1:1.5:3 (1 Cement :1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	5.39	Cum	5094.85	27461	5.1.2
6	Providing and laying in position reinforced cement concrete of specified grade excluding the cost of centring and shuttering - All work above plinth level					
	1:1.5:3 (1 Cement :1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	1.13	Cum	5735.75	6504	5.2.2
7	Centering and shuttering including strutting,propping etc and removal of form for					
a	Foundations,footings,bases of columns etc for mass concrete	24.08	sqm	166.90	4019	5.9.1
b	columns	29.40	sqm	365.60	10749	5.9.6
9	Reinforcement for RCC wor with TMT bars including straightening, cutting, bending ,placing in position complete	1219.75	kg	62.25	75929	5.22.6
10	Brick work with F.P.S bricks of class designation 75 in foundation and plinth in:					
a)	Cement mortar 1:4(1 cement : 4 coarse sand	2.10	Cum	3508.25	7367	6.1.1
11	Brick work with F.P.S bricks of class designation 75 in Superstructure above plinth in:					
a)	Cement mortar 1:6(1 cement : 6 coarse sand	21.53	Cum	3876.15	83446	6.4.2
12	12mm cement plaster of mix:					
a)	1:6 (1 cement : 6 fine sand)	108.72	sqm	112.50	12231	13.1.2
13	15mm cement plaster of mix:					
a)	1:6 (1 cement : 6 fine sand)	104.00	sqm	130.20	13541	13.2.2
14	Finishing walls with water proof cement paint of required shade :					
	New work(Two or more coats)	212.72	sqm	44.95	9562	13.44
	TOTAL				**261387**	
	Add Cost Index @41%				**107169**	
	Total				**368556**	