						ANNEXURE-V
HINDUSTAN PREFAB LIMITED						
(A Govt. of India Enterprise)						
Name of Work: "Construction of 01 No Type-V Quarter for AR Bn at Kohima, Nagaland."						
	EXTERNAL SEWAGE					
Sl. No.	**Description**	**Qty**	**Unit**	**Rate**	**Amount**	**DSR Ref.**
	SEWERAGE					
2	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1;2 (1 cement : 2 fine sand) including testing of joints etc. complete:					
a	150 mm dia. R.C.C. pipe	30	metre	254.50	7635	19.6.2
3	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round RCC pipes including bed concrete as per standard design:					
a	150 mm diameter RCC pipe	30	metre	607.70	18231	19.2.2
4	Providing and fixing square-mouth S.W. gully trap grade'A' complete with C.I. grating, brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2					
	150 x 100 mm size P type					
	With common burnt clay bricks conforming to class designation 7.5	4	each	1278.30	5113	19.4.2.1
5	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design:					19.7
	Inside size 90x80cm and 45cm deep including C.I. cover with frame (light duty) 455x610mm internal diamensions total weight of cover and frame to be not less than 38kg (weight of cover 23kg and weight of frame 15 kg)					
	With common burnt clay bricks conforming to class designation 7.5	4	each	7132.00	28528	19.7.1.1

6	Constructing brick masonry road gully chamber 50X45X60 cm with brick of class designation 75 in cement mortar 1:4 (1 cement : 4 coarse sand) including 500*450 mm pre-cast R.C.C. horizontal grating with frame complete as per standard design:					19.27
	With F.P.S. bricks	1	each	3193.50	3194	19.27.1
7	Excavating trenches of required width for pipes, cables, etc including excavation for sockets,and dressing of sides, ramming of bottoms, depth up to 1.5m including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20cm in depth including consolidating each deposited layer by ramming, watering, etc. and disposing o surplus excvated soil as directed, within a lead of 50m.					
	All kinds of soil					
	Pipes, cables etc. exceeding 80mm dia. But not exceeding 300mm dia.	30	metre	165.6	4968	2.10.1.2
8	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks of class designation 75 and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design. With F.P.S. bricks	1	each	15228.15	15228	19.32.1
	TOTAL				**82897**	
	Add Cost Index @41%				33988	
	Total				**116885**	
	MARKET RATE ITEMS					
	Septic Tank 50 users				**150000**	
	G Total				**266885**	