ANNEXURE-IV

HINDUSTAN PREFAB LIMITED

(A Govt. of India Enterprise)

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

BOQ FOR ROADS AND FOOTPATHS

S. No.	Description	Qty	Unit	Rate (in Rs.)	Amount (in Rs.)	DSR Ref.
1	Preparation and consolidation of sub grade with power road roller of 8 to 12 tone capacity after excavating earth to an average of 22.5 cm. depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth lead upto 50 metres.	108.00	sqm	61.25	6615	16.1
2	Supplying and stacking at site.					
a	90 mm to 45 mm size stone aggregate	12.15	cum	1,010.75	12281	16.3.1
b	63 mm to 45 mm size stone aggregate	12.15	cum	1,100.80	13375	16.3.2
c	Stone screening 13.2 mm nominal size (Type A)	0.11	cum	1,338.75	145	16.3.6
3	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road / vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density .	24.41	cum	330.15	8058	16.4
4	Providing and laying Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equiped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of Engineer-in-Charge					
	40/50 mm compacted thickness with bitumen of grade VG-30 @ 5.5% (percentage by weight of total mix) and lime filler @ 3% (percentage by weight of Aggregate) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity.	4.32	cum	9,077.00	39213	16.57.1
5	Providing and laying in position cement concrete of specified grade all work upto plinth level					
	1:4:8 (1 cement:4 coarse sand:8 graded stone aggregate)	3.00	cum	3,593.30	10780	4.1.8

6	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	2.70	cum	5,046.80	13626	16.69
7	Providing and laying factory made Cement Concrete paver blocks. of required strength, thickness & size/ shape, in required colour & pattern over 50mm thick compacted bed of course sand, compacting and proper mbedding/laying of inter locking paver blocks sand, all complete as per manufacturer's specifications & direction of Engineerin-Charge.					
	60mm thick Cement concrete paver block of M-30 grade with approved colour, design & pattern.	30.00	Sqm.	536.65	16100	16.68
	TOTAL				**120192**	
	Add Cost Index @41%				49279	
	Total				**169470**	