

HINDUSTAN PREFAB LIMITED

(A Govt. of India Enterprise)

Name of Work: Construction of 16 Nos Type II Quarters (G+III) In 02 Blocks & 8 Nos Type III Quarters (G+III) In 01 Blocks For ARTC&S at Shokhuvi, Nagaland

BOQ FOR ROADS AND FOOTPATHS

S. No.	Description	Qty	Unit	Rate (in Rs.)	Amount (in Rs.)	DSR 2016 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.	630.00	sqm	61.25	38,587.50	16.1
2	Supplying and stacking at site.					
a	90 mm to 45 mm size stone aggregate	70.88	cum	1,010.75	71,641.96	16.3.1
b	63 mm to 45 mm size stone aggregate	70.88	cum	1,100.80	78,024.70	16.3.2
c	Stone screening 13.2 mm nominal size (Type A)	0.63	cum	1,338.75	843.41	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 .	142.38	cum	330.15	47,006.76	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 equipped 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.	25.20	cum	9,077.00	228,740.40	16.57.1
5	Providing and laying in					
	1:4:8 (1 cement:4 coarse	17.50	cum	3,593.30	62,882.75	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	15.75	cum	5,046.80	79,487.10	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.	175.00	cum	536.65	93,913.75	16.68
	SUB TOTAL				701128.33	
	add cost index 22 %				154,248.23	
	G TOTAL				855,376.56	