

**ASSAM PROJECT
ON
FOREST AND BIO-DIVERSITY CONSERVATION
CONSTRUCTION OF NEW RESIDENTIAL COMPLEX
– AT REHABARI, GUWAHATI - 781 008.**

**BILL OF QUANTITIES
For Approach Road And Praving Works**

Sl. No.	Specification of item of works	Unit	Quantities	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
1	<p>PLAIN CEMENT CONCRETE WORKS</p> <p>Plain cement concrete works with coarse aggregate of sizes 13mm to 32mm in foundation bed for footing steps, walls, brick works etc. as directed and specified including dewatering if necessary, and curing complete (shuttering where necessary shall be measured and paid separately).</p> <p>(a) In prop 1cement:3 sand :6 coarse aggregate by volume</p>	Cu.M.	8.50			

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				(In Figures)	(In Words)	
2	<p>(A) PAVERS Providing polished tiles of approved quality, size, shape of specified thickness on pavers over a base of 100mm compacted sand gravel including cutting where necessary finished with flush pointing with Fix-A-Tile (Choksey / Sika / Pedelite / Rouf) /white cement slurry mixed with approved pigment to match shade of tiles complete at all levels as specified and directed. (Coloured pigment should be in conformity with colour of tiles and as approved and directed by the Department).</p> <p>(A) SUN ROCK HIGH CTS Tiles (Pavers) (a) Silicon (Pavers) 50 mm thick</p>	Sq.M..	490.00			
3	<p>SUB-GRADE. Construction of Sub-grade and earthen shoulders with approved materials obtained from borrow pits, with all lifts & leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300-2 (including compensation of earth). (Including cost of testing of materials at site and laboratory as directed by the deptt.)</p> <p>a) from Private land</p>	Cu.M.	723.00			

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				(In Figures)	(In Words)	
	b) Extra lead beyond initial lead of 3.00km	Cu.M./ K.M.	723.00			
4	Construction of Granular sub-base by providing close graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per Clause 401 of MoRTH specifications (with an initial lead of 5 km) (including cost of testing of materials at site and laboratory as directed by the deptt.) (a) Using Grading II material	Cu.M.	217.00			
5	Providing form work of ordinary timber planking so as to give a rough finish including centering, shuttering, strutting and propping etc., and removal of the same for in-situ reinforced concrete and plain concrete work in R.C.C. approach road. (a) Using 25mm thick plank	Sq.M..	96.40			

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6	15 mm thick Cement plaster in single coat with hardener of Recron/ Degusa/ Fosroc on brick/concrete for plastering including arises, internal rounded angles, chamfers and / or rounded angles not exceeding 80mm in girth and finished even and smooth including curing complete as directed. (a) In cement mortar 1:3	Sq.M..	208.00			
7	Providing and laying of inter locking concrete block pavement (ICBP) with cement concrete paver blocks as per IS 15658-2006 of thickness 80mm and 28 days compressive strength not less than 30 N/m over a layer of bedding sand of compacted thickness 30mm, laid either in stretcher/ running/ herringbone pattern of bonds as directed by the engineer and in proper level and grade and compacted with appropriate equipment such as plat vibrator along with spreading of a thin layer of joint filling sand to fill up the gaps between blocks including construction of edge restraint wherever required complete as per drawings and Technical specification clause 1504 of MORD.	Sq.M..	1446.00			

Sl. No.	Specification of item of works	Unit	Quantities	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
8	Water Bound Macadam Providing, laying, spreading and compacting stone aggregate of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density. (with an initial lead of 5km)	Cu.M.	109.00			
	A. By manual means (I) Grading.I (a) Using Screening Type-A					
	(I) Grading.II (a) Using Screening Type-A (13.2mm Agg.)	Cu.M.	109.00			

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				(In Figures)	(In Words)	
9	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 : 600 mm dia. R.C.C. pipe	Metre	12.00			
TOTAL 'Rs.						

(Rupees

Signature of the Contractor :

Date & Seal :