

ANNEXURE - A**Bill of Quantities****Name of the work** : Construction of Approach road of HOP's residence of colony complex,AGTCCPP,Ramchandranagar,Agartala.

Item No.	Description of the Item	Unit	Qty.	Rate (₹)		Amount (₹)
				In Figure	In Words	
1	Excavation in cutting in soil by manual means with lead up to 50 m. Excavation in Roadway cutting in soil by using manual means for carrying of cut earth to embankment site with all lift and lead up to 50 m as per MoRD Technical Specification clause 302.3.	Cum	544.50			
2	Compacting original ground supporting subgrade .Loosening of the ground upto a level of 500 mm below nthe subgrade level,watered,graded and compacted in layers to meet requirement table 300.2 for subgrade construction as per MoRT&H Technical specification clauses of section 300.	Sqm	728.00			
3	Brick soling.i)Providing on edge soling.Providing and laying brick on edge soling layer on prepared subgrade according to lines,grades and crossection shown on the drawing,filling joints with sand,watering and rolling the same aith three wheeled road roller 80-100 KN as per MoRD Technical aspecification Clause 412.	Sqm	520.00			
4	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN in stages to proper grade and camber, applying and brooming, stone screening to fill up the interstices of coarse aggregate, watering and compacting to the required density Grading 2 as perMoRD technical specification clause 405. B) By mechanical means.	Cum	56.16			
5	Prime coat : Medium Porosity: Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.9-1.2 kg/sqm using mechanical means as per MoRD technical specification clause 502.	Sqm	374.40			

Item No.	Description of the Item	Unit	Qty.	Rate (₹)		Amount (₹)
				In Figure	In Words	
6	25 mm thick open graded premix carpet using bituminous (penetration grade/modified bitumen) binder. Providing ,laying and rolling of open graded premix carpet 25 mm thickness composed of 13.2 mm to 5.6 mm aggregate either using panetration grade bitumen or emulsion to required line grade and level to serve as wearing course on a previously prepared base , including mixing in suitable plant , laying and rolling with a smooth wheeled roller 80-100 KN static roller capacity , finished to required level and grades to be foolwed by seal coat of either Type A or Type B or Type C OR type D as MORD Technical specification per MORT& H Technical Specification Clause 508. Case (ii) by mechanical means, (i) Bitumen (60/70 grade) VG-30.	Sqm	374.40			
7	20 mm thick Open - Graded Premixcarpet using bituminous (penetration grade/modified bitumen)Binder .Providing and laying and rolling of open graded premix carpet 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates either using penetration grade bitumen or emulsion to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a smooth wheeled roller 8-100 KN static roller capacity, finished to required level and grade to be followed by seal coat of either Type A or Type B or Type C or Type D as per MoRD Technical Specification Clause 508. Case II By Mechanical Means. (I) Bitumen (60/70 Grade) VG- 30.	Sqm	374.40			
8	Tack Coat . Applying tack coat with bitumen emulsion (RS-1) using emulsion pressure distributor at the rate of 0.35 kg to 0.25 Kg per sqm on the prepared bituminous surface cleaned with mechanical broom as per MORT&H Technical Specification.Clause 503..(One coat inbetween 25mm & 20 mm premix carpeting & one coat below seal coat).	Sqm	748.80			
9	Seal coat : Providing and laying Seal coat sealing the voids in a bituminuous surface laid to the specified levels , grade and cross fall using type A or Type B or Type C or Type D as per MoRD technical Specification clause 510. B) By mechanical means, case-(ii): Type-B-(i) Bitumen (60/70 grade) VG-30.	Sqm	374.00			

Total ₹
Say ₹