

## **PIPELINE DIVISION**

### **SCHEDULE - B**

**Name of Work :- Providing asphalt road to pipeline for safety and security purpose from Oil Jetty to Kharirohar along side pipeline (Phase-I).**

<b>T.I. No.</b>	<b>Description of Item</b>	<b>Quantity</b>	<b>Rate</b>	<b>Unit</b>	<b>Amount</b>
<b>1</b>	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne 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 earthwith lead upto 50 metres.	<b>37600.00</b>		<b>M2</b>	
<b>2</b>	Providing embankment for approach road with quarry spall / granular material material including cost of excavation, royalty, loading, unloading, transportation, spreading in layers, comaction with road roller 8 to 10 t capacity for remaining layers to achive the omc from existing ground to required level, levelling, dressing side slopes , watering over the layers as desired by EIC etc., along with spreading of dust over the surface complete with all labour and materials complete including settlement etc., as directed by the engineer in charge. for road work .	<b>14100.00</b>		<b>M3</b>	
<b>3</b>	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm ) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers with mechanical paverfinisher in sub- base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achievethe desired density, complete as per specifications and directions of Engineer-in-Charge.	<b>5264.00</b>		<b>M3</b>	
<b>4</b>	Providing and applying tack coat using hot straight run bitumen of grade VG - 10, including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications : (A) On W.B.M. @ 0.75 Kg l sqm	<b>26320.00</b>		<b>M2</b>	

5	Providing and applying tack coat using bitumen emulsion conforming to IS: 8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom. (A) With rapid setting bitumen emulsion (i) On W.B.M / W.M.M. @ 0.4kg/sqm	26320.00		M2	
6	Providing and laying bituminous macadam using crushed stone aggregates of specified grading premixed with bituminous binder, transported to site by tippers, laid over a previously prepared surface with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers as per specifications to achieve the desired compaction and density, complete as per specifications and directions of Engineer-in-Charge. (A) 50 to 100 mm average compacted thickness with bitumen of grade VG-30 @ 3.50% (percentage by weight of total mix) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity.	2763.60		M3	
7	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. (A) 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.	2421.44		M3	
<b>TOTAL Rs.</b>					

Contractor

DY. CHIEF ENGINEER (PL)  
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