

**Assam Petro-Chemicals Limited**  
**Civil Engineering Section**  
**PRICE BID**

**SCHEDULE OF RATES (SOR) :**

**Name of Work: Construction / Repairing of roads in APL Factory premises.**

Item No.	Description of Work	Unit	Total Quantity	UNIT RATE IN FIGURES (Rs)	UNIT RATE IN WORDS (Rs)	Total Value(Rs)
	<i>Inter Locking Concrete block pavement</i>					
1.1	<p><b>Scarifying existing bituminous surface to a depth of 50 mm by mechanical means.</b>  <b>b) Mechanical Means</b>            Scarifying the existing granular surface to a depth of 50 mm and disposal of scarified material with in all lifts and lead upto 1000 meter as per Technical Specification Clause 301.4</p>	<b>Sqm</b>	<b>1044.00</b>			
1.2	<p><b>Removal of Unsuitable Soil with Disposal upto 1000 m</b>            Removal of unsuitable soil including excavation, loading and disposal upto 1000 m lead but excluding compaction ground supporting embankment subgrade replacement by suitable soil, which shall be paid separately as per clause 303.5.2 as per Technical Specification Clause 302.3.11.  <b>Note:</b> This item does not include replacement of unsuitable soil by suitable soil replacement, where required, is to be provided and paid separately under clause 303.5.2</p>	<b>Cum</b>	<b>156.00</b>			
1.3	Sand filling.	<b>Cum</b>	<b>7.83</b>			

Item No.	Description of Work	Unit	Total Quantity	UNIT RATE IN FIGURES (Rs)	UNIT RATE IN WORDS (Rs)	Total Value(Rs)
1.4	<b>Interlocking concrete block pavement</b> i) a) Providing and laying interlocking concrete block pavement (M40) having thickness 80 mm as per technical specification clause 1504 (inclusive Edge restraint and carriage) including spreading 25 mm thick sand under neath and filling joints with sand on existing W.B.M base. (Necessary test certificate for paver block to be produced.)	Sqm	1044.00			
	<b><i>Bituminous Road</i></b>					
1.5	<b>Scarifying existing bituminous surface to a depth of 50 mm by mechanical means.</b> <b>b) Mechanical Means</b> Scarifying the existing granular surface to a depth of 50 mm and disposal of scarified material with in all lifts and lead upto 1000 meter as per Technical Specification Clause 301.4	Sqm	1791.50			
1.6	<b>ii) Providing and applying tack coat with Bitumen</b> emulsion (CRS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared dry and hungry bituminous surface cleaned with Hydraluic broom as per technical specification clause 503.	Sqm	2947.50			

Item No.	Description of Work	Unit	Total Quantity	UNIT RATE IN FIGURES (Rs)	UNIT RATE IN WORDS (Rs)	Total Value(Rs)
1.7	<b>Mix Seal Surfacing</b> Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 11.0 mm to 0.9 mm (Type-A) or 13.2 mm to 0.9 mm (Type-B) aggregates using penetration grade bitumen 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 three wheel 8-10 KN static roller and finished to required level and grades as per Technical Specification clause 509.	Sqm	2947.50			
1.8	<b>Seal Coat</b> Providing and laying seal coat sealing voids in a bituminous surface laid to the specified levels, grade and cross fall using Type - A, Type - B and Type - C as per Technical Specification Clause 510.					
	<b>A) By Manual Means</b>					
	<b>Case - I : Type A (11.2 mm to 2.36 mm)</b>					
	<b>ii) Bitumen (S-65)</b>	Sqm	2947.50			
1.9	<b>iii) Repair to pot holes and removal</b> of loose material, trimming of sides, cleaning of surface by providing tack coat, 20 mm thick pre-mix carpet and seal coat type-B specification Clause 1904.2	Sqm	99.49			
1.10	<b>Water Bound Macadam Sub-base / base</b>					
	1) WBM Grading					
	Using stone screening Type-A 13.2 mm for Gr.I					

Item No.	Description of Work	Unit	Total Quantity	UNIT RATE IN FIGURES (Rs)	UNIT RATE IN WORDS (Rs)	Total Value(Rs)
	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kn static roller in stages to proper grade and camber, applying and brooming, stone screening / binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 1 as per Technical Specification Clause 404	Cum	15.80			

**The price quoted by the bidder shall include all materials, handling of material, plants, machineries and equipment, labour, tools, & services, royalty, transport, supervision, insurance, overheads, profits, etc.**

**N.B: Unit Rate in SOR should be inclusive of all cost,Rate & Taxes(GST)**