

**SCHEDULE-A****Name of the work: Providing Asphaltting on roads at LPG storage, ETP-HRDC and insulator storage.**

SL.NO.	Description	Unit	Qty	Rate	Amount.
1	Earthwork Excavation for Road work and removing the excavated earth up to a lead of 50 mtrs and lift up to 1.5 mtrs in hard soil.	Cum	171.50		
2	Dismantling/ Chipping of road surface, cement concrete, including T & P and scaffolding wherever necessary, sorting the dismantled material, disposal of unservicable materials and stacking the servicable materials with all lifts and lead of 1000m etc complete.	Cum	10.00		
3	Cleaning the existing bituminous surface with brooms, soft brushes and finally dusting with old gunny bags and/or compressed air to receive bitumionous treatment including cost of all materials, labour, HOM of machineries etc complete.	sqm	3,220.00		
4	Providing and laying granite jelly, cement concrete 1:2:4 using 20mm and downsize jelly including mixing, laying and tamping curing, cost of centering, shuttering and plastering for flooring, sills, coping bond slab etc. excluding cost of cement. Only cement will be provided by BHEL at free of cost.	Cum	5.00		
5	Providing, laying, spreading and compacting graded stone aggregate 40-25mm size to wet mix macadam specification with water OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub base/ base course on well prepared surface and compacting with viberatory roller to achieve the desired density etc complete.(Refer special terms and conditions for details)	Cum	185.50		
6	Providing and applying Tack coat (primer coat) on the prepared black bituminous surface at 5kg per 10sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of the road surface) including cost of all materials, labour, HOM of machineries etc complete. (Refer special terms and conditions for details)	sqm	3,220.00		

Price bid format

7	Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60kg/sqm using mechanical means etc. complete. (Refer special terms and conditions for details.)	sqm	927.50		
8	Providing and laying bituminous concrete 40mm thick using Bitumin of grade 80/100 at 100-120 TPH batch typr hot mix plant producing an average output of 75 toones per hour using crushed stone aggregates of size 25-13mm of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filter, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, viberatory and tandem rollers to achieve the desired compaction etc complete. Test certificate showing the bituminous consumption and size of aggregate to be produced for each batch of bituminous concrete by the contractor. (Refer special terms and conditions for details.)	Cum	178.30		
9	Providing and laying 20mm thick mix seal coat surfacing on prepared surface as wearing course with specified graded crushed aggregates of 5.6mm and 11.2mm size premixed with bituminous binder, in hot mix plant 20-30 tonne, transporting the mixed materials in tipper to a distance upto 1km and laying with paver finisher 30-40 tonnes capacity to required level and grade, rolling with power roller 8-10 tonne excluding cost of tack coat including cost of all materials, labour, HOM of machineries complete. Test certificate showing the bitumin consumption and size of aggregate to be produced for each batch of bituminous seal coat by the contractor.(Refer special terms and conditions for details.)	sqm	4,392.50		

Price bid format

10	Providing and constructing brick masonry for main walls /partition walls/chambers etc with approved quality of table moulded bricks of standard size in CM 1:4 with necessary scaffolding and curing etc complete. Excluding the cost of cement. Only cement will be provided by BHEL at free of cost.	Cum	3.00		
11	Providing plastering in CM 1:4, 20 mm thick for new surface/patches in repair works ,including providing and removing scaffolding rounding of all corners with finishing of lime rendering / Sand finish/water proof addition as required including curing etc complete to burnt brick masonry/Concrete surface etc. excluding the cost of cement. Only cement will be provided by BHEL at free of cost.	sqm	5.00		
<b>SUB TOTAL</b>					

**NOTE: Excise Duty, Service tax, VAT, Entry Tax if any, to be quoted saperately.**

**Signature of the Contractor**

**Name:**

**Address:**