



**BHARAT HEAVY ELECTRICALS LIMITED**  
**RAMACHANDRAPURAM::HYDERABAD::32**  
**FACTORY CIVIL DEPARTMENT**

SCHEDULE- A

Tender Notice No:

HY/FCD/OT- 27 /2010-11, Dt:- 03.02.2011 Item No.1

**PRICE BID**

**Name of the Work :- Repairs to roads in Factory - Providing Bitumen carpet over the existing roads.**

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
1	Providing and laying Bitumen Macadam on prepared surface for <b>Pot holes</b> with specified graded crushed stone aggregate for profile corrective base/binder course including loading of aggregates with F.E. loader , hot mixing of stone aggregates and bitumen in <b>hot mix plant</b> , transporting the mixed material by tippers to paver and laying the mixed material with paver finisher fitted with electronic sensing device to the required level and grade and rolling with road rollers, as per Morth specification to achieve the desired density and compaction and including the cost of primer / tack coat - <b>50 mm / 75 mm average compaction thickness</b> with bitumen of 60/70 grade @ 3.5 % (percentage by weight of total mix) .	10.00	Cu.m	5080.22	50802.20
2	Providing and applying tack coat using bitumen emulsion (rapid setting) complying with IS 8887 - 1995, spraying the bitumen emulsion with mechanically operated spray unit,cleaning and preparing the existing roadd surface as per specification on bitumen surface @ 0.25 kg / sq.m	46675.00	Sq.m	14.34	669319.50
3	2.5 Cm premix carpet surfacing with 2.25 Cu.m and 1.12 Cu.m of stone chipping of 13.2 mm and 11.20 mm size respectively per 100 sq.m and 52 Kg and 56 kg of hot bitumen per cu.m of stone chippings of 13.2 mm and 11.2 mm size repectively including a tack coat with hot straight run bitumen from <b>hot mix plant</b> including consolidation with road roller of 6 to 9 tonne capacity etc. complete (tack coat to be paid separately) with <b>paving Asphalt 80 /100</b> heated and then mixed with solvent at the rate of 70 grams per kg of asphalt.	46675.00	Sq.m	114.65	5351288.75

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
4	Dismantling reinforced cement concrete / plain cement concrete and disposing of debris upto to a lead of 2 KM including loading, unloading and spreading as directed by Engineer-in-charge etc., complete.	8.00	Cu.m	582.68	4661.44
5	Scarfyng metalled (Water bound) road surface including disposal of rubbish lead upto 50m and consolidated of the aggregate received from scarifying with power road roller of 8 to 10 tonne capacity.	45.00	Sq.m	6.45	290.25
6	<b>Earth work in excavation in all soils</b> by mechanical means (Hydraulic Excavtors) / manual means in foundations trenches or drains (not exceeding 1.5m in width or 10 Sq.m on plan ) including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50M.	60.00	Cu.m	103.40	6204.00
7	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering including consolidation by vibrations for all works up to plinth level with <b>1:2:4</b> (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size ).	14.00	Cu.m	3257.45	45604.30
8	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 - 450mm dia R.C.C pipe.	60.00	RM	499.55	29973.00
9	<b>Conveyance</b> of excavated spoil up to a lead of 2 Kms, including loading , unloading and spreading etc. complete as directed by Engineer- in- charge.	25.00	Cu.M	56.41	1410.25

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
10	Filling with available excavated earth (excluding rock) in trenches , plinth , sides of foundations etc. in layers not exceeding 20 cm in depth , consolidation each deposited layer by ramming and watering , lead upto 50.00 m and lift upto 1.50 m.	35.00	Cu.M	45.70	1599.50
	<b>Total Value of work</b>			<b>Total Rs:</b>	<b>61,61,153.19</b>
<b>Total : Rs. Sixty one lakhs sixty one thousand one hundred fifty three only.</b>					

**Service Tax:-** All taxes inclusive except Service tax as applicable is extra which will be paid by BHEL to the agency after submission of necessary valid documents by the agency.

**Note :** The Tenderers are required to quote the tender value on percentage (%) basis at excess or less or on as per estimate value

Tender %	In figure	In words
Excess		
Less		
Estimated value		

Name of the Contractor :

Signature of the Contractor

Accounts Representative

Opening officer