



BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

PRICE BID

ESTIMATE REF NO : CF/C/14/17

NAME OF WORK : PROVIDING BLACK TOPPING OVER WBM ROADS AROUND C-144 UNITS IN ZONE III IN BHEL TOWNSHIP, RANIPET

CPWD 2013 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE RS P	AMOUNT RS P
*2.32	01 #	Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared.	3000.000	SQM	2.97	8910.00
DATA	02 #	Levelling the filled earth for road berm by dressing & filling, watering and rolling the levelled surface. All as per standard specifications and instructions of engineer-in-charge.	3200.000	SQM	7.60	24320.00
16.9	03 #	Scarifying metalled (water-bound) road surface including disposal of rubbish, lead upto 50 m and consolidation of the aggregate received from scarifying with power road roller of 8 to 10 tonne capacity.	1000.000	sqm	12.60	12600.00
2.1	04	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including disposal of excavated earth upto 50 m and lift upto 1.5 m, disposed soil to be levelled and neatly dressed :				
*2.1.1	04A #	All kinds of soils	1200.000	SQM	45.54	54648.00
16.79	05 #	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 mechanical mix plant, carriage of mixed material by tipper to site, for all leads AND lifts, laying in uniform layers with mechanical paver finisher in sub- base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.	60.000	cum.	2074.25	124455.00
16.30.	06	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				

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CPWD 2013 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
		existing road surface as per specifications :						
16.30.1	06A #	On W.B.M. @ 0.75 Kg / sqm	6000.000	sqm	43.65		261900.00	
16.56	07	Providing and laying semi- dense 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 equiped 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.						
16.56.1	07A #	25 mm compacted thickness with bitumen of grade VG- 30 @5% (percentage by weight of total mix) and lime filler @ 2% (percentage by weight of Aggregate) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity.	6000.000	sqm	217.60		1305600.00	
16.40.	08 #	Providing and laying seal coat of premixed fine aggregate (passing 2.36 mm and retained on 180 micron sieve) with bitumen using 128 kg of bitumen of grade VG - 10 bitumen per cum of fine aggregate and 0.60 cum of fine aggregate per 100 sqm of road surface, including rolling and finishing with road roller all complete.	6000.000	sqm	65.80		394800.00	

Escalation is not applicable for this Item Sl. No.

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		TOTAL ESTIMATED VALUE BEFORE ESCALATION	2187233.00
		**ESCALATION @	%
			0.00
		TOTAL ESTIMATED VALUE (A)	2187233.00
CONTRACTOR TENDER PERCENTAGE @	ABOVE	<input type="checkbox"/> 1	
	BELOW	<input type="checkbox"/> 2	
	AT PAR	<input type="checkbox"/> 3	_____ % (B) <input type="text"/>
(Percentage in words)
	SUB TOTAL	<input type="checkbox"/> 4 if above (A) + (B)	(C) <input type="text"/>
		<input type="checkbox"/> 5 if below (A) - (B)	(C) <input type="text"/>
		<input type="checkbox"/> 6 if at par (A)	(C) <input type="text"/>
		<input type="checkbox"/> 7 *SERVICE TAX @ _____ %	(D) <input type="text"/>
SERVICE HEAD :	_____		
	<input type="checkbox"/> 8 TOTAL VALUE OF WORK	[(C) + (D)]	(E) <input type="text"/>
(Rupees in words)

NOTE :

- 1) Tick whichever is applicable. In case of omission in Ticking, figures indicated in the amount column will be considered.
- 2) Boxes 1,2,3 any one box is to be ticked as per quote. Boxes 4,5,6 any one box is to be filled in with appropriate figures. Box 8 value is equal to Box 4 or 5 or 6 plus box 7.
- 3) Free Issue of Material by BHEL is Rs. **0.00** /-
- **4) Escalation not included for item sl no. marked with # symbol.

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SPECIAL CONDITION

- 1 The tenderer shall quote a percentage above or below or at par, the rates shown in the Bill of Quantities based on CPWD DSR 2013. The percentage quoted shall be clearly written both in words and figures.
- 2 The quoted percentage will apply to the individual items uniformly.
- 3 The above rate does not include PF & ESI remittance .The tenderer shall quote inclusive of PF & ESI contribution to their workers.
- 4 Items of work other than those mentioned in Bill of Quantities will have to be carried out at the rates to be fixed by this organization. The same offered percentage will be applicable with reference to CPWD DSR 2013.
- 5 BHEL will provide water at free of cost by identifying the water source (Open well) within the BHEL premises subject to availability and the contractor has to make their own arrangement for pumping the water from well and using the same after ensuring the suitability for the purpose. In case BHEL is not able to provide water as stated above, the contractor has to make their own arrangement for bringing the required quality of water at their own cost from outside the premises for construction and testing purposes.
- 6 Contractor has to make their own arrangement for the required power supply at site.
- 7 Safety precautions should be taken while doing the work. You will have to follow all safety requirements to carry out the work inside the factory premises.
- 8 All materials shall confirm to the latest IS/IRC specifications
- 9 All the works to be carried out strictly as per the specifications laid down in Tamil Nadu Building practice and also satisfying relevant IS/IRC specifications.
- 10 Cement, Reinforcement steel, Structural steel and AC sheets will be issued free of cost for theoretical consumption and at a recovery rate of Rs. 6,325.00 / MT Rs. 41,975.00 / MT Rs. 46,500.00 / MT and Rs. 140.00 / Sqm respectively up to 5% over and above the theoretical consumption and beyond which penal recovery will be effected at the double the rates specified above.
- 11 Once the work is completed the contractor should remove all the unwanted materials from the site time to time and it should be disposed off as per the instructions of Engineer-in-charge without any further delay.
- 12 All the rates are inclusive of scaffolding charges, sundries & contingencies, carriage of materials, cost of brush, sand paper, ladder, gum, putty, turpentine, caustic soda or washing soda, mixing charges etc., complete.
- 13 All works shall be carried out as per standard specifications and instructions of Engineer-in-charge.
- 14 Base preparation, mixing ratio, etc. shall be as per the recommendations of the manufacturer.
- 15 All materials, colour, shade, brand, etc. shall be got approved from the Engineer-in- charge before the start of the work and shall confirm to the latest IS/IRC specifications.
- 16 The contractor has to ensure payment of minimum wages for different category of workers as announced by Tamil Nadu State Government / BHEL from time to time.
- 17 Coefficient of consumption for paint, distemper, cement, etc. shall be as per CPWD 2013 data.
- 18 The contractor shall have to follow all statutory requirements like PF, ESI, etc., throughout the contract period.
- 19 The General conditions of contract in force shall apply to this contract.
- 20 The contractor is required to engage a Degree / Diploma holder Engineer throughout the contract period.
- 21 Time is essence of the contract. Any delay beyond the delivery date will be subjected to LD.
- 22 The tenderer may visit the site and assess the prevailing conditions before quoting the rate.
- 23 **CONTRACT CONDITIONS ON TAXES & DUTIES:**
 a) The Tenderer shall have been Registered under Excise, Sales Tax, Tamil Nadu VAT, Service Tax regulations if applicable and provide a copy of such registration to BHEL as part of the tender document. In case of fresh registration/amendment thereon, the same shall be carried out before start of the work.

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PAN no shall be submitted as part the tender document. (copy to be enclosed)

b) Service Tax shall be paid by the service provider namely the Tenderer.

c) Required Tax Invoice as per the existing provisions to be issued in required parts duly signed by the Competent/Authorized Official of the Contractor to BHEL

d) If due to deficiency in the document submitted, BHEL could not avail CENVAT, VAT Credit, the credit amount will be recovered from the amount due to the Tenderer.

e) If the payment of statutory dues are not made in accordance with the applicable provisions of the relevant Act within the time specified and Penalty, Interest etc paid/payab

23 g) The quote submitted shall include all taxes and duties of whatsoever in nature but exclusive of Service Tax which shall be quoted separately if applicable. The existing rate shall be quoted clearly. If reduced rates are applicable on account of material, labour if any the same shall be indicated clearly. After tender opening addition of any tax & duty is not admissible.

h) If any composition scheme is to be availed by the Tenderer, the all relevant terms and conditions shall be indicated clearly in the offer. The required compliance under relevant statue shall be carried out.

i) Any statutory variation will be to the account of BHEL. But if the variation is effective during the delayed/extended period of execution for reasons attributable to the vendor, the same shall be borne by the vendor only.

24 Quality test will be conducted through third party on the laid road to assess the quality in line with the specification and if found defective the same shall be rectified by the contractor other wise the same will be carried out through other agency at the risk and cost of the main contractor.

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