

Tender Document

“Special Roads Programme 2010-11 ”

TECHNICAL BID

Chinnalapatty Town Panchayat

NAME OF THE WORK : **“Improvement/Laying of Cement Concrete Roads and Black Topping using Paver Machines (Package No: 2)”** Providing B.T.Paver road with seal coat from Kamarajar salai Anna Statue to bazaar Street (Via) Old

E.M.D.AMOUNT : Bazaar street in Chinnalapatty Town Panchayat
Rs.40990

PERIOD OF DOWN LOADING OF BID DOCUMENT : UPTO 15:00 HRS 01.11.2010

LAST DATE AND TIME FOR RECEIPT OF BID : DATE 01.11.2010 TIME : 15.00 HRS

TIME AND DATE OF OPENING OF BIDS : DATE 01.11.2010 TIME : 15.30 HRS

PLACE OF OPENING OF BIDS : **Chinnalapatty Town Panchayat**

OFFICER INVITING BIDS : Executive Officer
Chinnalapatty Town Panchayat

SCHEDULE 'A'

Package No. :
Name of the Work : **“Improvement/Laying of Cement Concrete
Roads and Black Topping of roads using Paver Machines
(Package No: 2)”**in ChinnalapattyTown Panchayat

Sl. No	Probable quantity	Description Of Work	TNDSS Number	Rates in		Units in words	Amount (Rs.)
				Figures	Words		
1	1600.00 sqm	Picking the old metalled surface and sectioning upto 5 cm to 10 cm deep including all labor charges etc				1 M2 (One Square Meter)	
2	240.00 cum	Collection, Supply and filling of well gravel including stacking to department gauge at road side for premeasurement and all labor charges for stacking, spreading of well gravel etc complete				1 M3 (One Cubic Meter)	

3	120.00 cum	<p>Providing and Laying Water bound macadam Grade II metal to a consolidated thickness of 75mm using one cum 90mm,63mm,53mm, 45mm, 22.40mm metal grade IRC size hard blue granite metal with 0.24cum of clean good gritty gravel for bindage for 10 sqm of 75mm consolidated thickness including cost and conveyance of all materials from approved quarries as noted in the lead chart to the road side to departmental gauge for pre measurement as directed by departmental officers including labour charges for laying and spreading the metal and gravel to the required grades and lines, hand packing to camber, watering using water sprinkler with all leads for good water and consolidation by power roller rolling to achieve the specific compaction including forming edge bunds, keeping the surface moist for 15 days and including hire charges, running charges for power roller and all other tools and plants employed and all other incidental charges such as barricading and caution boards, danger lights etc. complete as per MORTH specifications</p>	404 of MORTH			1 M3 (One Cubic Meter)	
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4	120.00 cum	<p>Providing and Laying Water bound macadam Grade III metal to a consolidated thickness of 75mm using one cum 63mm,53mm, 45mm, 22.40mm and 11.20mm metal grade IRC size hard blue granite metal with 0.24cum of clean good gritty gravel for bindage for 10 sqm of 75mm consolidated thickness including cost and conveyance of all materials from approved quarries as noted in the lead chart to the road side to departmental gauge for pre measurement as directed by departmental officers including labour charges for laying and spreading the metal and gravel to the required grades and lines, hand packing to camber, watering using water sprinkler with all leads for good water and consolidation by power roller rolling to achieve the specific compaction including forming edge bunds, keeping the surface moist for 15 days and including hire charges, running charges for power roller and all other tools and plants employed and all other incidental charges such as barricading and caution boards, danger lights etc. complete as per MORTH specifications</p>	404 of MORTH			1 M3 (One Cubic Meter)	
5	1600.00 sqm	<p>Providing and laying tack coat over the W.B.M Surface using 4.00 Kg of bitumen emulsion per 10 sqm including cost and conveyance of bitumen emulsion which will be supplied by the contractor only etc., complete standard specification.</p>	503 of MORTH			1 M2 (One Square Meter)	

6	1600.00 sqm	6) Providing and laying premix carpet with seal coat using CMP for 20mm thickness using 0.18 cum of 13.20mm size HBG metal and 0.09 cum of 11.20mm IRC size HBG metal with 14.60Kgs.of bitumen for premixig 10 sqm of premix carpet and 0.09 cum of 6.7mm IRC size HBG metal with 9.80Kgs of bitumen for seal coat type A per 10sqm including cost and conveyance of all materials to working site and Stacking heating the bitumen and aggregates to required temperature and mixing them in required temperature for premix carpet in Central Hot Mix Plant 20-30 tonnes capacity, conveying the mix by tipper trucks to paver site, spreading the mix in required temperature for uniform thickness of 20mm with mechanical paver to the specified grades, cross sections, rolling by 80-100 KN power roller for premix carpet and seal coat separately to the required density etc., including labour chartes for loading bitumen into bitumen tank and metal to feeder unit, labour for attending to paver site, application of bitumen for seal coat over premix carpet, spreading of seal coat etc., including fuel and hire charges for CMP with bitumen bolier , paver finisher,tippers and power rollers and all other tolls and plants employed etc.	511 & 513			1 M2 (One Square Meter)	
7	1226.00 cum	Earthwork excavation and depositing on bank with initial lead and lift of soil as hard red earth, stiff clay, as SS 20B etc.,	24 & 25			1 M3 (One Cubic Meter)	
8	170.00 cum	C.C.1:5:10 mix (One cement five sand and ten aggregate) using 40mm ISS metal including cost and conveyance of all materials and all labor charges etc.,				1 M3 (One Cubic Meter)	
9	344.00 cum	C.C.1:3:6 mix (One cement three sand and six aggregate) using 20mm ISS metal including cost and conveyance of all materials and all labor charges etc.,				1 M3 (One Cubic Meter)	
10	579.00 sqm	Plastering with C.M.1:5 mix (One cement and five sand)using 12mm thick including cost and conveyance of all materials and all labor charges etc.,				1 M2 (One Square Meter)	

11	2749.00 sqm	Centering charges for sides and soffits of concrete work including cost and conveyance of all materials and all labor charges etc.,				1 M2 (One Square Meter)	
12	600.00 kg	Supply and fabrication of steel including cost and conveyance of all materials and all labor charges for cutting bending of rods etc				1 Kg (One Kilo Gram)	
13	5.00 sqm	R.C.C. 1:1.5:3 mix using 20mm ISS metal including cost and conveyance of all materials and all labor charges etc				1 M2 (One Square Meter)	
14	513.00 cum	C.C.1:4:8 mix (One cement four sand and eight aggregate) using 40mm ISS metal including cost and conveyance of all materials and all labor charges etc.,				1 M3 (One Cubic Meter)	
15	120.00 sqm	Supply and fixing of 12mm thick bitumen sheet including all labor charges etc.,				1 M2 (One Square Meter)	
16	385.00 cum	P.C.C. 1:2:4 mix (One cement two sand and four aggregate) using 20mm ISS metal including cost and conveyance of all materials and all labor charges etc.,				1 M3 (One Cubic Meter)	

LEAD STATEMENT

S.No	Details of Materials	Location of Quarry	Lead in Kilometer
1	90mm IRC Metal	Paraipatti	16.00
2	75mm IRC Metal	Paraipatti	16.00
3	63mm IRC Metal	Paraipatti	16.00
4	53mm IRC Metal	Paraipatti	16.00
5	46.50mm IRC Metal	Paraipatti	16.00
6	45.00mm IRC Metal	Paraipatti	16.00
7	37.50mm IRC Metal	Paraipatti	16.00
8	26.50mm IRC Metal	Paraipatti	16.00
9	25mm IRC Metal	Paraipatti	16.00
10	22.40mm IRC Metal	Paraipatti	16.00
11	13.20mm IRC Metal	Paraipatti	16.00
12	11.20mm IRC Metal	Paraipatti	16.00
13	6.70mm IRC Metal	Paraipatti	16.00
14	6.00mm IRC Metal	Paraipatti	16.00
15	5.60mm IRC Metal	Paraipatti	16.00
16	4.75mm IRC Metal	Paraipatti	16.00
17	Gravel	Side lands	1
18	Well Gravel	Side lands	1
19	Emulsion	Irunkatukottai	422
20	Bulk Bitumen 60/70	Coimbatore	175
21	Bulk Bitumen 80/100	Coimbatore	175

SCHEDULE 'B'

Sl. No.	Drawing No.	Description	Date on which drawing was approved
1	2	3	4

