

Name of Work: Restoration of Road from Plot No. 66 to 115 & 128 to 243 at TANSIDCO Industrial Estate, Thirumullaivoyal in Thiruvallur District

EMD - Rs.51,000/-

Date of Tender : 13.04.2022

SCHEDULE OF QUANTITIES

SL. NO	QTY	DESCRIPTION OF WORK	TNBP NO	RATE IN FIGURES AND WORDS	UNIT	AMOUNT
1	875 Sqm (Eight Hundred and Seventy Five)	Picking 2cm to 10cm thick old metalled surface and sectioning as directed by TANSIDCO Engineers etc., complete.	85		1 Sqm (One Square Metre)	
2	88 Cum (Eighty Eight)	Providing and laying WET MIX MACADAM Base Course of 250mm compacted thickness in two layers of 125 mm thick or else as specified on prepared sub base with graded stone aggregate using 0.396cum of 45.00-22.40mm graded metal, 0.528cum of 22.40-2.36mm graded metal and 0.396cum of 2.36mm graded metal and below including premixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper trucks to paver site, laying in uniform layers with paver, spreading the mix for uniform thickness with mechanical paver to the specified grades and cross sections and compaction by 80 -100 KN vibratory roller to required density etc. including labour for attending the paver site, including hire charges and fuel charges for tipper trucks, paver finisher, vibratory rollers and all other tools and plants required and all other incidental charges etc., complete as per Clause 406 of MORTH and as directed by Engineer.	MORTH 111, 112, 406 & 900		1 Cum (One Cubic Metre)	

NO.OF CORRECTIONS IN FIGURE:

NO.OF CORRECTIONS IN WORDS:

CONTRACTOR

SUPERINTENDING ENGINEER i/c

SL. NO	QTY	DESCRIPTION OF WORK	TNBP NO	RATE IN FIGURES AND WORDS	UNIT	AMOUNT
3	875 Sqm (Eight Hundred and Seventy Five)	Providing and laying Prime Coat over WMM surface using 6kgs of bitumen Emulsion for 10 Sqm area including cost and conveyance of bituminous binder including labour charges for preparing the surface and applying the required quantity of bitumen as prime coat by bitumen sprayer etc., complete as per clause 502 of MORTH specification.	MORTH 502		1 Sqm (One Square Metre)	
4	875 Sqm (Eight Hundred and Seventy Five)	Providing and laying Tack Coat over WMM surface treated with priming coat using 2.50kgs of bitumen Emulsion for 10 Sqm area including cost and conveyance of bituminous binder including labour charges for preparing the surface and applying the required quantity of bitumen as tack coat by bitumen sprayer etc., complete as per clause 503 of MORTH specification.	MORTH 503		1 Sqm (One Square Metre)	
5	9240 Sqm (Nine Thousand Two Hundred and Forty)	Providing and laying Tack Coat over existing BT surface treated with priming coat using 3.00kgs of bitumen Emulsion for 10 Sqm area including cost and conveyance of bituminous binder including labour charges for preparing the surface and applying the required quantity of bitumen as tack coat by bitumen sprayer etc., complete as per clause 503 of MORTH specification.	MORTH 503		1 Sqm (One Square Metre)	

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SL. NO	QTY	DESCRIPTION OF WORK	TNBP NO	RATE IN FIGURES AND WORDS	UNIT	AMOUNT
6	532 Cum (Five Hundred and Thirty Two)	Providing and laying 50mm compacted thick Bituminous Macadam using 0.42cum of 26.50 - 11.20 mm graded metal and 0.10cum of 11.20 - 2.80mm graded metal and 0.18cum of 2.80mm and below with 38 Kgs of bitumen for premixing 10Sqm including cost and conveyance of all materials to CMP site, heating the bitumen and aggregates to required temperature and mixing them in required temperature in central Hot mix plant 20-30 tons capacity conveying the mix by Tipper trucks to paver site, spreading the mix in required temperature for uniform thickness of 50mm with mechanical paver to the specified grades and cross sections and compaction by 8-10 T power roller to required density etc. including labour for loading bitumen into bitumen tank and metal to feeder unit, labour for attending the paver site etc. including hire charges and fuel charges for 20-30T CMP with bitumen boiler, tipper trucks, paver finisher, power rollers and all other tools and plants employed etc., complete as per clause 504 of MORTH Specification.	MORTH 501 & 504		1 Cum (One Cubic Metre)	

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SL. NO	QTY	DESCRIPTION OF WORK	TNBP NO	RATE IN FIGURES AND WORDS	UNIT	AMOUNT
7	253 Cum (Two Hundred and Fifty Three)	Providing and laying 25mm compacted thick Semi-Dense Bituminous Concrete using 0.10cum of 11.20mm Graded IRC HBG metal, 0.16cum of 6.70mm graded IRC HBG metal and 0.11cum of 2.80mm and below with 24 Kgs of bitumen for premixing per 10Sqm including cost and conveyance of all materials to CMP site, heating the bitumen and aggregates to required temperature and mixing them in required temperature in central Hot mix plant 20-30 tons capacity conveying the mix by Tipper trucks to paver site, spreading the mix in required temperature for uniform thickness of 25mm with mechanical paver to the specified grades and cross sections and compaction by 8-10 T power roller to required density etc. including labour for loading bitumen into bitumen tank and metal to feeder unit, labour for attending the paver site etc. including hire charges and fuel charges for 20-30T CMP with bitumen boiler, tipper trucks, paver finisher, power rollers and all other tools and plants required including all other incidental charges etc., complete as per clause 508 of MORTH using CMP.	MORTH 501 & 511		1 Cum (One Cubic Metre)	
7 Items (Seven Items Only)					Total in Rs.	
Note: The tender invited excluding GST. At the time of acceptance of the tender and signing of agreement, the applicable GST of 18% will be included for this work.						

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