

Name of Work: Restoration of Road in Eastern Portion of TANSIDCO Industrial Estate, Thirumazhisai in Thiruvallur District						
EMD - Rs.51,000/-				Date of Tender : 19.04.2022		
SCHEDULE OF QUANTITIES						
SL. NO	QTY	DESCRIPTION OF WORK	TNBP NO	RATE IN FIGURES AND WORDS	UNIT	AMOUNT
1	3415 Sqm (Three Thousand Four Hundred and Fifteen)	Picking 2cm to 10cm thick old metalled surface and sectioning as directed by TANSIDCO Engineers etc., complete.	85		1 Sqm (One Square Metre)	
2	484 Cum (Four Hundred and Eighty Four)	Providing Well Gravel Soling for base & berms of specified thickness including cost and conveyance of well gravel to site and stacking them to departmental gauge for pre-measurment including labour charges for spreading and watering with all leads for good water, consolidation by power roller rolling and other charges for the tools and plants engaged etc., complete complying with standard specification. (Payment will be made for consolidated thickness of well gravel only).	MORTH 111, 112, 401 & 900		1 Cum (One Cubic Metre)	

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NO.OF CORRECTIONS IN FIGURE:
NO.OF CORRECTIONS IN WORDS:

SUPERINTENDING ENGINEER i/c

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3	96 Cum (Ninety Six)	Providing and laying Granular Sub-Base (GSB) layer of 200mm compacted thickness on the prepared sub grade with approved graded material of minimum CBR value of 30 grading conforming to Table 400 - 1 of MORTH including screening, spreading in uniform layer with motor grader, watering and premixing in a mechanical Mix plant at optimum moisture content, compacting with power roller of 8 to 10 T static weight to not less than 98% of the maximum laboratory dry density as per IS : 2720 (Part b) and fine dressing to the required grade and cross slope as shown in the drawing or as directed by the Engineer, including obtaining and transporting all materials from approved quarry site to work site with all lifts and lead by mechanical transport, head load or any other mode of transportation, including labour, tools, equipment, safety measures, testing and incidentals necessary to complete the work as per Technical Specification Clause 401 of MORTH and as directed by SIDCO Engineers.	MORTH 111, 112, 401 & 900		1 Cum (One Cubic Metre)	

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4	323 Cum (Three Hundred and Twenty Three)	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 metel 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)	
5	2150 Sqm (Two Thousand One Hundred and Fifty)	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)	
6	2150 Sqm (Two Thousand One Hundred and Fifty)	Providing and laying Tack Coat over WMM surface treated with priming coat using 2.50kgs of bitumen Emulson 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
7	13369 Sqm (Thirteen Thousand Three Hundred and Sixty Nine)	Providing and laying Tack Coat over existing BT surface treated with priming coat using 3.00kgs of bitumen Emulson 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)	
8	173 Cum (One Hundred and Seventy Three)	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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9	487 Cum (Four Hundred and Eighty Seven)	Providing and laying 40mm compacted thick Semi-Dense Bituminous Concrete using 0.10cum of 13.20mm Graded IRC HBG metal, 0.16cum of 11.20mm graded IRC HBG metal, 0.16cum of 6.70mm graded IRC HBG metal and 0.18cum of 2.80mm and below with 38 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 40mm 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)	
9 Items (Nine 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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