

Item Rate BoQ

Tender Inviting Authority: Commissioner, Thoothukudi City Municipal Corporation

Name of Work : Providing of BT surface at 3 Cent North 5th Cross in South Zone Ward 49

Contract No: 3/22-23/AEE(S), File No: A2/5884/2021

Name of the Bidder/ Bidding Firm /							
<div>PRICE SCHEDULE</div> <div>(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)</div>							
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7	8
1	Preparing the Existing surface to laying the road to Proper Gradient and remove the loose soil without damage the Water Supply and other Pipe lines. The Rate inclusive of all charges such as Earth work and remove the same away from the site etc, complete as per standard specifications.	190.00	1M ³ (One cubic metre)			0.00	INR Zero Only

2	Providing of Granular Sub base using Grade I materials of table 400 -1 of Morth with minimum CBR 30 spreading in uniform layers with motor grader on prepared surface, mix in by palce method at OMC and compacting with Vibratory Roller to achieve the desired density including all labourcharges etc, complete as per technical specification and as directed by the departmental officers. Morth - Rev V No. 111,112,401,900	62.00	1M ³ (One cubic metre)			0.00	INR Zero Only
3	Providing and laying, spreading and compacting graded stone aggregate to Wetmix macadam (WMM) specification including premixing the material with water at OMC in mechanical mix plant carriage to mixed material by tipper to site laying in uniform layers with paver in sub base / base course on well prepared surface and compacting with vibratory roller to achive the desired density complete as per clasue 406 of MORTH specifications.	77.00	1M ³ (One cubic metre)			0.00	INR Zero Only
4	Providing and laying Prime coat of 7 kgs/10 sqm over the WMM surface treated with primer using 7 kgs of bituminous Emulsion (SS) for 10square meter area including cost of bituminous binder, including labour charges for applying the required quantity of bituminous binder as Prime coat manually etc., complete as per 502 of MORTH Rev-5 Specifications	615.00	1M ² (One square metre)			0.00	INR Zero Only
5	Providing and laying tack coat of 2.5 kgs/10 sqm over the WMM surface treated with binder using 2.5 kgs of bituminous Emulsion (RS) for 10square meter area including cost of bituminous binder, including labour charges for applying the required quantity of bituminous binder as tack coat manually etc., complete as per 503 of MORTH Rev-5	615.00	1M ² (One square metre)			0.00	INR Zero Only

6	Providing and laying 50 mm compacted thick Dense bituminous macadam using 0.24 cum of 26.5-13.2 mm graded metal and 0.25 cum of 13.2-2.36 mm graded metal and 0.23 cum of 2.36 mm & below metal with 53.20 kgs of 60/70 bitumen for premixing per 10 sqm including cost and conveyance of all materials to C M P site, heating the bitumen and aggregates to required temperature and mixing them in required temperature 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 50mm with mechanical paver to the specified grades and cross sections and compaction by Vibratory roller to the required density etc.,including labour charges for loading bitumen in to bitumen tank and metal to feeder unit,labour for attending to paver site etc., including hire charges and fuel charges for 20-30t C M P with bitumen boiler,tipper trucks, paver finisher, vibratory rollers and all other tools and plants required,including all other incidental charges etc.,complete using C M P clause 505 of MORTH Rev-5 specifications.	31.00	1M ³ (One cubic metre)			0.00	INR Zero Only
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7	Providing and laying Bituminous concrete to 30mm thick using 0.13 cum of 19.00-9.50 mm graded metal and 0.17 cum of 9.50-2.36 mm graded metal and 0.26 cum of 2.36 mm & below metal with 45.27 kgs of 60/70 bitumen & 5.03Kg of Plastic waste (Total-50.30 kg) and for premixing per 10 sqm including cost and conveyance of all materials to C M P site, heating the bitumen and aggregates to required temperature and mixing them in required temperature 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 40mm / 30mm with mechanical paver to the specified grades and cross sections and compaction by Vibratory roller to the required density etc., including labour charges for loading bitumen in to bitumen tank and metal to feeder unit,labour for attending to paver site etc., including hire charges and fuel charges for 20-30t C M P with bitumen boiler,tipper trucks, paver finisher, Vibratory rollers and all other tools and plants required,including all other incidental charges etc.,complete using C M P clause 507 of MORTH Rev-5 specifications.	19.00	1M ³ (One cubic metre)			0.00	INR Zero Only
8	Providing and laying of hot applied thermoplastic compound 2.5mm thick including reflectorising glass beads @250grams per sqm area thickness of 2.5mm is exclusive of surface applied glass beads as per IRC 35. The finished surface to be level uniform and free from streaks and holes etc., complete(as per MORT & H specification No.803)	31.00	1M ² (One square metre)			0.00	INR Zero Only

9	Providing and fixing reflective road studs of 'Category A' raised pavement markers made out of poly carbonate/Methyl methacrylate/ABS moulded body conforming to ASTM D 786 and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face with retro reflectance and chromaticity values conforming to ASTM D4280. The reflective raised pavement markers shall also conform to the MORTH circular no RW/NH 33023/10/97-Do III dt 11.06.97. The height, width and length shall not be less than 15mm, 90mm and 100mm and with minimum reflective area of 13sqcm on each side and the slope to the base shall be 35+/-5degree. Each reflector shall have CIL not less than the values specified in table 2 of said MORTH circular. The strength of detachment of the integrated cylindrical shanks (of diameter not less than 19+/-2mm and height not less than 30+/-2mm from the body) is to be a minimum value of 500kgf. Fixing will be by drilling hole on the road for the shanks to go inside without nails and using epoxy resin based adhesive as per manufacturers recommendation and complete as directed by the engineer. The marker shall support a load of 13635kg tested in accordance with ASTM D4280 and conforming to IRC 35 -2015 guidelines and MORTH specification 804 etc., complete	25.00	1 No (One Number)			0.00	INR Zero Only
10	Removal of Excavated Excess Earth away from the site to 2K.M including loading and transportation charges etc, complete as per standard specification. For 1M3	190.00	1M ³ (One cubic metre)			0.00	INR Zero Only
Total in Figures						0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only					