

ANNEXURE - A

ABSTRACT OF COST - ORIGINAL ESTIMATE

Name of work : IMPROVEMENTS TO THOMAS ARUL STREET FROM BHARATHIAR ROAD TOWARDS WESTERN SIDE WITH PROVIDING PAVER BLOCK IN THE SIDE OF ROAD IN KARAİKAL

Sl. No.	Description of items	Quantity	Unit	Rate In		Amount
				Figure	Words	
1	2	3	4	5	6	7
1.	Code No.15.0007.04 Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50 metres lead in cement mortar.	101.00 CUM	1 CUM ONE CUBIC METRE			
2.	Code No. 04.0005-10 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level 1:5:10 (1 cement : 5 sand : 10 graded stone aggregate 40mm nominal size)	55.00 CUM	1 CUM ONE CUBIC METRE			
3.	Code No. 04.0005.05 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level 1:3.6 (1 cement : 3 sand : 6 graded stone aggregate 20mm nominal size).	184.00 CUM	1 CUM ONE CUBIC METRE			
4.	Code No. 04.0009.01 Centring and shuttering including strutting, propping etc. and removal of form work for - foundations, footings, bases for columns.	1280.00 SQM	1 SQM ONE SQUARE METRE			

Sl. No.	Description of items	Quantity	Unit	Rate In		Amount
				Figure	Words	
1	2	3	4	5	6	7
5.	Code No. 04.0005.03 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level 1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size).	33.00 CUM	1 CUM ONE CUBIC METRE			
6.	Code No. 13.0024.001 6 mm cement plaster to ceiling of mix - 1:3 (1 cement : 3 fine sand).	830.00 SQM	1 SQM ONE SQUARE METRE			
7.	Code No. 02.0005.2A Dismantling of flexible pavement and disposal of dismantled materials upto a lead of 1000 metres. stacking serviceable and unserviceable materials seperately - by mechanical means - bituminious courses.	162.00 CUM	1 CUM ONE CUBIC METRE			
8.	Code No. 02.0028 Supplying and filling in plinth with river sand under floors including, watering, ramming consolidating and dressing complete.	65.00 CUM	1 CUM ONE CUBIC METRE			
9.	Code No. 16.0092 Supplying and laying factory moulded M20 grade Unigranular segmental internal locking paver block of specific colour and design of size 227x124x65mm	650.00 SQM	1 SQM ONE SQUARE METRE			

Sl. No.	Description of items	Quantity	Unit	Rate In		Amount
				Figure	Words	
1	2	3	4	5	6	7
	manufactured using automatic block costing machine, automatic block handling system cured in controlled causing chamber.The blocks to have a compressive strength not less than 265kg/sq.cm laid over a bed of 50mm thick coarse sand compacted properly with vibrator placing each block firmly fixed with neighboring block in an approved pattern including applying vibrator to the paver block and sand bed with suitable vibrator and vibrating dry sand into the joints till the sand fill the joints.The rate includes all cost for paver block, sand, loading and unloading from separation, vibrating the bed sand and paver blocks to the required degree into a proper camber and gradient as directed by the engineer - in - charge.					
10	Code No. 05.0005 Providing, laying and rolling of built-up spray grout layer over prepared base consisting of a two layer composite construction of compacted crushed coarse aggregates using motor grader for aggregates. Key stone chips spreader may be used with application of bituminous binder after each layer and with key aggregates placed on top of the second layer to serve as a base conforming to the line, grades and cross-section specified ,the compacted layer thickness being 75mm. (As per MoRTH specification, 4th Revision)	1130.00 SQM	1 SQM ONE SQUARE METER			

Sl. No.	Description of items	Quantity	Unit	Rate In		Amount
				Figure	Words	
1	2	3	4	5	6	7
11.	Code No. 06.0002 Cleaning of the existing black topped surfaces with brooms, soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment. As per clause no 503.3.1 of MOST specification.	2696.00 SQM	1 SQM ONE SQUARE METRE			
12.	Code No. 05.0002 Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg. per sqm. on the prepared bituminous / granular surface cleaned with mechanical broom. (As per MoRTH specification, 4th Revision)	2696.00 SQM	1 SQM ONE SQUARE METRE			
13.	Code No. 06.011B Providing and laying open graded premix carpet 20mm thick on prepared surface in a single course as wearing course composed of specified size of stone aggregates premix with a bituminous binder in mini hot mix plant 6 to 10 tonne laying manually and rolling with power roller 8 to 10 tonne but excluding cost of primer/tack coat. As per clause no 509 of MOST specification.	1566.00 SQM	1 SQM ONE SQUARE METRE			

Sl. No.	Description of items	Quantity	Unit	Rate In		Amount
				Figure	Words	
1	2	3	4	5	6	7
14.	Code No. 06.0017 Providing and applying premixed seal coat type 'B' comprising of thin application of fine aggregate premix with bitumen binder in mini hot mix plant, carriage manually of mixed material and laying and rolling with power roller 8 to 10 tonne. As per clause no 513 of MOST specification.	1566.00 SQM	1 SQM ONE SQUARE METRE			
15	Code No. 05.0019 Providing, hoisting and fixing upto floor five level precast reinforced cement concrete in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like including the cost of required centring, shuttering, finishing smooth with 6mm thick cement plaster 1:3 (1 cement : 3 sand) on exposed surfaces complete but excluding cost of reinforcement with 1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size).	4.00 CUM	1 CUM ONE CUBIC METRE			
16	Code No. 05.0029.3C Reinforcement for RCC Work including straightening cutting bending placing in position and binding all complete. Thermo mechanical treated bars - (ISI Brand Approved)	600.00 KG	1 KG ONE KILO GRAMME			