

ANNEXURE - A

ABSTRACT OF COST - ORIGINAL ESTIMATE

Name of work : **IMPROVEMENTS TO ROAD AND DRAIN AT PATTAMMAL NAGAR, KARAIKAL**

Sl. No.	Description of items	Quantity	Unit	Rate In		Amount
				Figure	Words	
1	2	3	4	5	6	7
1.	Code No.02.0008.01 Earth work in excavation in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m. including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m all kinds of soils.	42.00 CUM	1 CUM ONE CUBIC METRE			
2.	Code No.04.0005.05 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work up to plinth level 1:3.6 (1cement : 3 sand :6 graded stone aggregate 20mm nominal size).	62.00 CUM	1 CUM ONE CUBIC METRE			
3.	Code No.06.0018.04 Half brick masonry with bricks of class designation 35 in foundation and plinth in - cement mortar 1:4 (1 cement : 4 sand).	160.00 SQM	1 SQM ONE SQUARE METRE			
4.	Code No.04.0009.01 Centring and shuttering including strutting, propping etc., and removal of form work for foundation, footing, bases for column etc., for mass concrete	139.00 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.13.0014.02 12 mm cement plaster finished with a floating coat of neat cement - of mix - 1:4 (1 cement: 4 fine sand).	313.00 SQM	1 SQM ONE SQUARE METRE			
6.	Code No.13.0008.02 12 mm cement plaster of mix - 1:4 (1 cement : 4 fine sand)	174.00 SQM	1 SQM ONE SQUARE METRE			
7.	Code No.NS.0060 Providing and laying unscreened gravel boulders to a consolidated thickness of 15cm for sub base course including conveyance of site, loading unloading and stacking to departmental gauge on road side for premeasurement and spreading watering, power rolling etc., complete. The volume of stacks calculated as per actual measurement shall be reduced by 15% for looseness in stacking to arrive at the quantity. The rate to include labour charges for spreading and hand packing to required camber and gradient, power rolling hire and fuel charges for all tools and plants employed diversion of traffic barricading arrangements etc., complete as directed by the Engineer-in-charge.	42.00 CUM	1 CUM ONE CUBIC METRE			

Sl. No.	Description of items	Quantity	Unit	Rate In		Amount
				Figure	Words	
1	2	3	4	5	6	7
8.	<p>Code No.R4.0009.1B</p> <p>Providing laying spreading and compacting stone aggregate of specific size to water bound macadam specification including spreading in uniform thickness, hand packing rolling with smooth three wheeled steel roller 8 to 10 tones in stages to proper grade and camber. applying and brooming requisite crushable type such as moorum/gravel for screening and gravel for binding of fill up the intersitices of course aggregate. watering and compacting to the required density---- by manual means water bound macadam Gr-I with gravel screening (As per MORTH specification 4th Revision)</p>	185.00 CUM	1 CUM ONE CUBIC METRE			
9.	<p>Code No.R4.0009.2C</p> <p>Providing laying spreading and compacting stone aggregate of specific size to water bound macadam specification including spreading in uniform thickness, hand packing rolling with smooth three wheeled steel roller 8 to 10 tonnes in stages to proper grade and camber, applying and brooming requisite crushable type such as moorum/gravel for screening and gravel for binding to fill up the intersitices of course aggregate, watering and compacting to the required density by manual means Water bound macadam Grade-II with gravel screening (As per MORTH specification 4th Revision)</p>	131.00 CUM	1 CUM ONE CUBIC METRE			

Sl. No.	Description of items	Quantity	Unit	Rate In		Amount
				Figure	Words	
1	2	3	4	5	6	7
10.	<p>Code No. 30.0001</p> <p>Cleaning the existing W.B.M. road surface including removing of binding material and other foreign matter with wire brushes and small picks, sweeping with brooms or 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.</p>	1740.00 SQM	1 SQM ONE SQUARE METRE			
11.	<p>Code No. 30.005E</p> <p>Providing and applying tack coat on the prepared surface, heating bitumen in boiler and spraying the bitumen with spray set fitted on bitumen boiler on granular base such as WBM and WMM surfaces not bitumen primed. Rate of application 10kg/sqm.</p>	1740.00 SQM	1 SQM ONE SQUARE METRE			
12.	<p>Code No. 30.011B</p> <p>Providing and laying open graded premix carpet 20 mm thick on prepared surface in a single course as wearing course - composed of specified size of stone aggregate 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.</p>	1740.00 SQM	1 SQM ONE SQUARE METRE			
13.	<p>Code No. 30.0017</p> <p>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 MST Specification</p>	1740.00 SQM	1 SQM ONE SQUARE METRE			