

## ANNEXURE - A

Name of work : **IMPROVEMENTS TO FRENCH TEACHER STREET FROM THIRUNAGAR PET TO KAMARAJ SALAI, KARAIKAL**

Sl. No.	Description of items	Quantity	Unit	Rate In		Amount
				Figure	Words	
1	2	3	4	5	6	7
1.	<b>2.8.1</b> Earth work in excavation in foundation trenches or drains (not exceeding 1.5m in width or 10sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5m. including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m -	240 CUM	1 CUM (One Cubic Metre)			
2.	<b>4.5.10</b> 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).	18 CUM	1 CUM (One Cubic Metre)			
3.	<b>4.6.5</b> Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sill, fillets etc. up to floor five level, excluding the cost of centering, shuttering and finishing - 1:3:6 (1 cement : 3 sand : 6 graded stone aggregate 20mm nominal size).	73.00 CUM	1 CUM (One Cubic Metre)			
4.	<b>4.9.2</b> Centering and shuttering including strutting, propping etc. and removal of form work for - retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses plinth and string courses, fillets etc.	440.00 SQM	1 SQM (ONE Square Meter)			
5.	<b>13.8.3</b> 12 mm cement plaster of mix - 1:5 (1 cement : 5 fine sand).	390.00 SQM	1 SQM (ONE Square Meter)			

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				Figure	Words	
1	2	3	4	5	6	7
6.	<b>15.7.4</b> Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50 meters lead;-in cement mortar.	41.00 CUM	1 CUM (One Cubic Metre)			
7.	<b>2.29.1</b> Surface dressing of the ground including removing vegetation, and in-equalities not exceeding 15cm deep and disposal of rubbish, lead up to 50m and lift up to 1.5m - all kinds of soil.	520.00 SQM	1 SQM (ONE SQUARE METRE)			
8.	<b>NS.60</b> 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.	78..00 CUM	1 CUM (One Cubic Metre)			
9.	<b>29.1</b> Providing laying spreading and compacting stone aggregates of specific sizes 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 or gravel for screening / and gravel for binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density by manual mean WBM Gr.-I with gravel screening as per MORTH specification (4th revision).	52..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.	<b>30.1</b> Cleaning the existing WBM road surface including removing of binding materials 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.	520.00 SQM	1 SQM (ONE SQUARE METRE)			
11.	<b>30.2</b> 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.	2080.00 SQM	1 SQM (ONE SQUARE METRE)			
12.	<b>30.5C</b> 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 surface not bitumen primed. Rate of application 10kg /10 sqm. As per clause no.503 of MOST specification.	520.00 SQM	1 SQM (ONE SQUARE METRE)			
13.	<b>30.5E.1</b> 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 black topped surface bitumen @ 5kg/10sqm.	2080.00 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.	<b>R5.5</b> Providing laying and rolling of built-up-spray grout layer over layer over prepared base consisting of a two layer composite construction of compacted crushed coarse aggregates using motor grader for aggregate key stone chips spreader may be used with application of bituminous binder after each layer and with key aggregate placed on top of the second layer to serve as a base confirming to the line, grades and cross-section specified, the compacted layer thickness being 75mm (As per MORTH specification, 4th revision)	1300.00 SQM	1 SQM (ONE SQUARE METRE)			
15.	<b>30.11C</b> Providing laying open graded premix carpet of 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 6-10 tonne laying manually and rolling with power roller 8-10 tonnes but excluding cost of primer/tack coat. As per clause no 509 of Most specification.	1300.00 SQM	1 SQM (ONE SQUARE METRE)			
16	<b>30.17</b> 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 tonnes as per clause No. 513 of Most Specification.	1300.00 SQM	1 SQM (ONE SQUARE METRE)			