

SPECIFICATION REPORT TO ACCOMPANY THE ESTIMATE FOR THE WORK OF PROVIDING PREMIX CARPET WITH SEAL COAT @ THENPATHI TO VALLAM IN SRIMUSHNAM TOWN PANCHAYAT

ESTIMATE COST : 3,00,000/-

The above work is proposed for execution under **MLA** scheme during the year 2008 -2009

The above road is maintained by Kattumannarkoil Town Panchayat. The length of proposed improvements of road is 290 Meter and a width of 3.00 Metre.

The existing surface of the road is BT Completely Damaged surface. At present the existing surface of the portion is damaged and public are too much suffering from this.

Hence now it is proposed to improve as Premix Carpet with seal coat. The following provision are made in this estimate.

1. Earth work excavation in all classes of soil as per SS20A for strengthening of berms.
2. Spreading us gravel to Specified thick are provide in this estimate.
3. Providing and laying of WBM to 75 mm consolidated thick using Grade-II (90mm – 22.40 mm) IRC HBG metal with 0.24 cum of us gravel for blindage and consolidation by power roller rolling.
4. Providing and laying of WBM to 75 mm consolidated thick using Grade-III (63mm – 11.20 mm) IRC HBG metal with 0.24 cum of us gravel for blindage and consolidation by power roller rolling.
5. Providing and laying tack coat over WBM surface are provide in this estimate.
6. Providing and laying of 20 mm consolidated thickness of premix carpet with seal coat Type – A by 13.20 mm and 11.20 mm IRC HBG size crusher metal with 14.60 kgs. Of bitumen for P.C. and 0.009 cum of 6.70 mm IRC HBG size crusher metal with 9.80 kgms. Of bitumen for seal coat.

And also provision are made for contingencies and other unforseen charges etc.,

The schedule of rates for the year 2008 - 2009 are adopted in this estimate.

All work will be carried out as per SSRB and other relevant specifications and as per instructions of the technical higher authorities.

Junior Engineer
Town Panchayat
Annamalainagar

Assistant Executive Engineer
Town Panchayat Works
Cuddalore.

ABSTRACT ESTIMATE

**NAME OF WORK : PROVIDING PREMIX CARPET WITH SEAL COAT @
THENPATHI TO VALLAM IN SRIMUSHNAM TOWN PANCHAYAT**

ESTIMATE COST : 3,00,000/-

Sl. No	Quantity	Item of Work	Rate	Amount
1.	104.00 cum	Earth work excavation in all classes of soils such as hard stiff clay, stiff black cotton, hard red earth, shales, murrum, ordinary earth, earth mixed with 50 % fair-sized boulders etc., with initial leads and lift including laying, spreading, leveling, sectioning, breaking clods etc., as per SS 20 A and all other incidental charges etc., complete as per standard specification.	30.60/ Cum	3182.00
2.	130.50 cum	Providing and laying U.S gravel to the specified thick including cost and conveyance of U.S gravel from approved quarry and stacking the same at road side to departmental gauge for premeasurement as directed by the departmental officers including labour charges for spreading in layers not exceeding 75 mm thick (or) as specified by the departmental officer, leveling, sectioning etc. and all other charges for tools and plants employed for the work and all other incidental charges such as barricading and providing danger lights etc; complete as per standard specification.	125.20/ Cum	16338.00
3.	66.00 cum	Providing and laying water bound macadam to a consolidated thickness of 75 mm confirming to Grade II using 1.00 cm 73 mm to 45 mm IRC graded hard broken granite metal with 0.24 cum of gravel which shall have P.I. value of less than 6 for blindage for 10 sqm of 75 mm consolidated thickness including cost and conveyance of metal and gravel from approved quarry to worksite and stacking them at road side to departmental gauge for premeasurement labour charges for spreading the metal, and hand packing to camber blinding with gravel watering, with all leads for soft water forming edge bunds slurring consolidating using power roller to achieve the specified compaction including hire fuel and all other tools and plants employed and all other incidental charges such as barricading providing danger lights etc., complete as per standard specification for Bottom layer.	1116.76 Cum	73706.00

4.	66.00 cum	Providing and laying 75 mm consolidated thickness of water Bound Macadam conforming to Grade – III using 1.00 cum. Of 53 mm to 22.4 mm IRC size graded hard broken granite metal with 0.24 cum of gravel which shall have a P.I value of less than 6 for blindage for 10 sqm. 0.75 mm. Consolidated thickness, including cost and conveyance of metal and gravel from the approved quarry to work site and stacking the same at road side to departmental gauge for premeasurement, labour charges for spreading the metal, hand packing to camber, blinding with gravel, watering with all leads for soft water forming edge bunds, slurring, consolidating using power roller and all othe tools and plants employed and all other incidental charges such as barricading, providing danger lights etc., complete as per standard specification, for Top layer (payment shall be made for finished item of work after compaction).	1269.39/ Cum	83880.00
5.	870.00 sqm	Providing tack coat over W.B.M. surface using 10 kg of bitumen per 10 sqm inclusive of cost of bitumen which will be supplied departmentally at departmental section store and the cost of which will be recovered at the rate as specified in the special condition appended here with including conveyance of bitumen from section store to worksite handling charges for the same at both ends including heating the bitumen to the required temperature, labour charges for brushing, cleaning and preparing the surface for laying the tack coat and labour fro applying the required quantity of bitumen including hire, fuel and running charges for the bitumen sprayer and pumping arrangements and all other tools and plants is employed for the work including all other incidental charges such as barricading and providing danger lights, flags etc., complete as per standard specification.	20.33/ sqm	17687.00
6.	870.00 sqm	Providing and laying premix carpet with seal coat type A for 20 mm consolidated thickness using machine crusher I.R.C. size HBG metal 0.18 cubic metre fo 13.s mm and 0.09 cubic metre of 11.2 mm with 14.60 kg of bitumen for premixing for 10 sqm of premix carpet and 0.09 cum of 6.70 mm IRC, HBG crusher metal with 9.80 kg. of bitumen per 10 sqm. for seal coat including cost and conveyance of all materials from approved quarry to worksite and stacking them to departmental gauge for premeasurement including labour charges for heating the bitumen to the required temperature and mixing the required quantity of metal and bitumen using Mini Hot Mix plant conveying the mix by wheel borrows ncluding labour charges for spreading te mix to grades lines and profile and consolidation with power roller rolling etc., including hire, fuel and running charges for Mini Hot Mix plant and power roller and all other tools and plants employed and all other incidental charges such as barricading and providing danger lights etc., complete complying with standard specification (payment shall be made for finished item of work after compaction).	120.10 cum	104487.00

7		PS Charges	LS	-
8		Contingencies and other unforceen charges etc., complete		720.00
			Total	3,00,000

Junior. Engineer
Town Panchayat
Annamalainagar

Assistant Executive Engineer
Town Panchayat Works
Cuddalore.

DETAILED ESTIMATE

NAME OF WORK : PROVIDING PREMIX CARPET WITH SEAL COAT @ THENPATHI TO VALLAM IN SRIMUSHNAM TOWN PANCHAYAT

ESTIMATE COST : 3,00,000/-

Sl. No	Item of work	No.	Measurements are in "Meter"			Contents
			L	B	D	
1.	Earth work excavation in all classes of soils such as hard stiff clay, stiff black cotton, hard red earth, shales, murrum, ordinary earth, earth mixed with 50% fair-sized boulders etc., with initial leads and lift including laying, spreading leveling, sectioning, breaking clods etc., as per SS 20 A and all other incidental charges etc., complete as per standard specification.					
		1x2	290	0.60	0.20	104.00cum
						104.00cum
2.	Providing and laying U.S gravel to the specified thick including cost and conveyance of U.S gravel from approved quarry and stacking the same at road side to departmental gauge for premeasurement as directed by the departmental officers including labour charges for spreading in layers not exceeding 75 mm thick (or) as specified by the departmental officer, leveling, sectioning etc. and all other charges for tools and plants employed for the work and all other incidental charges such as barricading and providing danger lights etc; complete as per standard specification.					
		1x1	290	3.00	0.15	130.50 cum
						130.50 cum
3	Providing and laying water bound macadam to a consolidated thickness of 75mm confirming to Grade II using 1.00 cum 90 mm to 22.40 mm IRC graded hard broken granite metal with 0.24 cum of gravel which shall have P.I. value of less than 6 for blindage for 10 sqm of 75 mm consolidated thickness including cost and conveyance of metal and gravel from approved quarry to worksite and stacking them at road side to departmental gauge for premeasurement labour charges for spreading the metal, and hand packing to camber blinding with gravel watering, with all leads for soft water forming edge bunds slurring consolidating using power roller to achieve the specified compaction including hire fuel and running fuel and running charges for power roller and all other tools and plants employed and all other incidental charges such as barricading providing danger lights etc., complete as per standard specification for Bottom layer (payment shall be made for finished item or work after compaction.)					
		1x1	290	3.00	0.075	65.25cum
						0.75 cum
						66.00 cum
5.	Providing and laying 75 mm consolidated thickness of water Bound					

	Macadam conforming to Grade-III using 1.00 cum. Of 63 mm to 11.20 mm IRC size graded hard broken granite metal with 0.24 cum of gravel which shall have a P.I Value of less than 6 for blindage for 10 sqm. of 75 mm. Consolidated thickness, including cost and conveyance of metal and gravel from the approved quarry to work site and stacking the same at road side to departmental gauge for premeasurement, labour charges for spreading the metal, hand packing to camber, blinding with gravel, watering with all leads for soft water forming edge bunds, slurring, consolidating using power roller to achieve the specified compaction, hire, fuel and running charges for power roller and all other tools and plants employed and all other incidental charges such as barricading, providing danger lights etc., complete as per standard specification, for Top layer (payment shall be made for finished item of work after compaction.)					
		1x1	290	3.00	0.075	65.25cum
						0.75 cum
						66.00 cum
6.	Providing tack coat over W.B.M. surface using 10 kg of bitumen per 10 sqm. including of cost of bitumen to worksite handling charges for the same at both ends including heating the bitumen to the required temperature, labour charges for brushing, cleaning and preparing he surface for laying the tack coat and labour for applying the required quantity of bitumen including hire fuel arrangements and all other tools and plants is employed for the work including all other incidental charges such as barricading and providing danger lights, flags etc., complete as per standard specification.					
		1x1	290	3.00	-	870.00sqm
					LS	
						870.00sqm
7.	Providing and laying premix carpet with seal coat type A for 20 mm consolidated thickness using machine crusher I.R.C. size HBG metal 0.18 cubic metre of 13.2 mm and 0.09 cubic metre of 11.2 mm with 14.60 kg. of bitumen for premixing for 10 sqm of premix carpet and 0.09 cum of 6.70 mm IRC, HBG crusher metal with 9.80 kg. of bitumen per 10 sqm. for seal coat including cost an conveyance of of all materials from approved quarry to worksite and stacking them to departmental gauge for premeasurement including labour charges for heating the bitumen to the required tempareture and mixing the required quantity of metal and bitumen using Mini Hot Mix plant conveying the mix by wheel borrows including labour charges for spreading the mix to grades lines and profile and consolidation with power roller rolling etc., including hire, fuel and running charges for Mini Hot Mix plant and power roller and all other tools and plants employed and all other incidental charges such as barricading and providing danger lights etc., complete complying with standard specification (payment shall be made for finished item or work after compaction).					
		1x1	290	3.00	-	870.00sqm

					LS	
						870.00sqm
8	PS Charges					LS
9	Contingencies and other unforced charges etc., complete.					LS

Junior Engineer
Town Panchayat
Annamalainagar

Assistant Executive Engineer
Town Panchayat Works
Cuddalore.

**SPECIFICATION REPORT TO ACCOMPANY THE ESTIMATE FOR THE
WORK OF PROVIDING PREMIX CARPET WITH SEAL COAT @
VAKKARAMARI BURIAL GROUND IN SRIMUSHNAM TOWN PANCHAYAT**

ESTIMATE COST : 3,00,000/-

The above work is proposed for execution under **MLA** scheme during the year 2008 -2009

The above road is maintained by Kattumannarkoil Town Panchayat. The length of proposed improvements of road is 290 Meter and a width of 3.00 Metre.

The existing surface of the road is BT Completely Damaged surface. At present the existing surface of the portion is damaged and public are too much suffering from this.

Hence now it is proposed to improve as Premix Carpet with seal coat. The following provision are made in this estimate.

7. Earth work excavation in all classes of soil as per SS20A for strengthening of berms.
8. Spreading us gravel to Specified thick are provide in this estimate.
9. Providing and laying of WBM to 75 mm consolidated thick using Grade-II (90mm – 22.40 mm) IRC HBG metal with 0.24 cum of us gravel for blindage and consolidation by power roller rolling.
10. Providing and laying of WBM to 75 mm consolidated thick using Grade-III (63mm – 11.20 mm) IRC HBG metal with 0.24 cum of us gravel for blindage and consolidation by power roller rolling.
11. Providing and laying tack coat over WBM surface are provide in this estimate.
12. Providing and laying of 20 mm consolidated thickness of premix carpet with seal coat Type – A by 13.20 mm and 11.20 mm IRC HBG size crusher metal with 14.60 kgs. Of bitumen for P.C. and 0.009 cum of 6.70 mm IRC HBG size crusher metal with 9.80 kgms. Of bitumen for seal coat.

And also provision are made for contingencies and other unforseen charges etc.,

The schedule of rates for the year 2008 - 2009 are adopted in this estimate.

All work will be carried out as per SSRB and other relevant specifications and as per instructions of the technical higher authorities.

Junior Engineer
Town Panchayat
Annamalainagar

Assistant Executive Engineer
Town Panchayat Works
Cuddalore.

ABSTRACT ESTIMATE

**NAME OF WORK : PROVIDING PREMIX CARPET WITH SEAL COAT @
VAKKARAMARI BURIAL GROUND IN SRIMUSHNAM TOWN PANCHAYAT**

ESTIMATE COST : 3,00,000/-

Sl. No	Quantity	Item of Work	Rate	Amount
1.	104.00 cum	Earth work excavation in all classes of soils such as hard stiff clay, stiff black cotton, hard red earth, shales, murrum, ordinary earth, earth mixed with 50 % fair-sized boulders etc., with initial leads and lift including laying, spreading, leveling, sectioning, breaking clods etc., as per SS 20 A and all other incidental charges etc., complete as per standard specification.	30.60/ Cum	3182.00
2.	130.50 cum	Providing and laying U.S gravel to the specified thick including cost and conveyance of U.S gravel from approved quarry and stacking the same at road side to departmental gauge for premeasurement as directed by the departmental officers including labour charges for spreading in layers not exceeding 75 mm thick (or) as specified by the departmental officer, leveling, sectioning etc. and all other charges for tools and plants employed for the work and all other incidental charges such as barricading and providing danger lights etc; complete as per standard specification.	125.20/ Cum	16338.00
3.	66.00 cum	Providing and laying water bound macadam to a consolidated thickness of 75 mm confirming to Grade II using 1.00 cm 73 mm to 45 mm IRC graded hard broken granite metal with 0.24 cum of gravel which shall have P.I. value of less than 6 for blindage for 10 sqm of 75 mm consolidated thickness including cost and conveyance of metal and gravel from approved quarry to worksite and stacking them at road side to departmental gauge for premeasurement labour charges for spreading the metal, and hand packing to camber blinding with gravel watering, with all leads for soft water forming edge bunds slurring consolidating using power roller to achieve the specified compaction including hire fuel and all other tools and plants employed and all other incidental charges such as barricading providing danger lights etc., complete as per standard specification for Bottom layer.	1116.76 Cum	73706.00

4.	66.00 cum	Providing and laying 75 mm consolidated thickness of water Bound Macadam conforming to Grade – III using 1.00 cum. Of 53 mm to 22.4 mm IRC size graded hard broken granite metal with 0.24 cum of gravel which shall have a P.I value of less than 6 for blindage for 10 sqm. 0.75 mm. Consolidated thickness, including cost and conveyance of metal and gravel from the approved quarry to work site and stacking the same at road side to departmental gauge for premeasurement, labour charges for spreading the metal, hand packing to camber, blinding with gravel, watering with all leads for soft water forming edge bunds, slurring, consolidating using power roller and all othe tools and plants employed and all other incidental charges such as barricading, providing danger lights etc., complete as per standard specification, for Top layer (payment shall be made for finished item of work after compaction).	1269.39/ Cum	83880.00
5.	870.00 sqm	Providing tack coat over W.B.M. surface using 10 kg of bitumen per 10 sqm inclusive of cost of bitumen which will be supplied departmentally at departmental section store and the cost of which will be recovered at the rate as specified in the special condition appended here with including conveyance of bitumen from section store to worksite handling charges for the same at both ends including heating the bitumen to the required temperature, labour charges for brushing, cleaning and preparing the surface for laying the tack coat and labour fro applying the required quantity of bitumen including hire, fuel and running charges for the bitumen sprayer and pumping arrangements and all other tools and plants is employed for the work including all other incidental charges such as barricading and providing danger lights, flags etc., complete as per standard specification.	20.33/ sqm	17687.00
6.	870.00 sqm	Providing and laying premix carpet with seal coat type A for 20 mm consolidated thickness using machine crusher I.R.C. size HBG metal 0.18 cubic metre fo 13.s mm and 0.09 cubic metre of 11.2 mm with 14.60 kg of bitumen for premixing for 10 sqm of premix carpet and 0.09 cum of 6.70 mm IRC, HBG crusher metal with 9.80 kg. of bitumen per 10 sqm. for seal coat including cost and conveyance of all materials from approved quarry to worksite and stacking them to departmental gauge for premeasurement including labour charges for heating the bitumen to the required temperature and mixing the required quantity of metal and bitumen using Mini Hot Mix plant conveying the mix by wheel borrows ncluding labour charges for spreading te mix to grades lines and profile and consolidation with power roller rolling etc., including hire, fuel and running charges for Mini Hot Mix plant and power roller and all other tools and plants employed and all other incidental charges such as barricading and providing danger lights etc., complete complying with standard specification (payment shall be made for finished item of work after compaction).	120.10 cum	104487.00

7		PS Charges	LS	-
8		Contingencies and other unforceen charges etc., complete		720.00
		Total		3,00,000

Junior. Engineer
Town Panchayat
Annamalainagar

Assistant Executive Engineer
Town Panchayat Works
Cuddalore.

5.	<p>Providing and laying 75 mm consolidated thickness of water Bound Macadam conforming to Grade-III using 1.00 cum. Of 63 mm to 11.20 mm IRC size graded hard broken granite metal with 0.24 cum of gravel which shall have a P.I Value of less than 6 for blindage for 10 sqm. of 75 mm. Consolidated thickness, including cost and conveyance of metal and gravel from the approved quarry to work site and stacking the same at road side to departmental gauge for premeasurement, labour charges for spreading the metal, hand packing to camber, blinding with gravel, watering with all leads for soft water forming edge bunds, slurrying, consolidating using power roller to achieve the specified compaction, hire, fuel and running charges for power roller and all other tools and plants employed and all other incidental charges such as barricading, providing danger lights etc., complete as per standard specification, for Top layer (payment shall be made for finished item of work after compaction.)</p>	1x1	290	3.00	0.075	65.25cum
						0.75 cum
						66.00 cum
6.	<p>Providing tack coat over W.B.M. surface using 10 kg of bitumen per 10 sqm. including of cost of bitumen to worksite handling charges for the same at both ends including heating the bitumen to the required temperature, labour charges for brushing, cleaning and preparing he surface for laying the tack coat and labour for applying the required quantity of bitumen including hire fuel arrangements and all other tools and plants is employed for the work including all other incidental charges such as barricading and providing danger lights, flags etc., complete as per standard specification.</p>	1x1	290	3.00	-	870.00sqm
					LS	870.00sqm
7.	<p>Providing and laying premix carpet with seal coat type A for 20 mm consolidated thickness using machine crusher I.R.C. size HBG metal 0.18 cubic metre of 13.2 mm and 0.09 cubic metre of 11.2 mm with 14.60 kg. of bitumen for premixing for 10 sqm of premix carpet and 0.09 cum of 6.70 mm IRC, HBG crusher metal with 9.80 kg. of bitumen per 10 sqm. for seal coat including cost an conveyance of of all materials from approved quarry to worksite and stacking them to departmental gauge for premeasurement including labour charges for heating the bitumen to the required tempareture and mixing the required quantity of metal and bitumen using Mini Hot Mix plant conveying the mix by wheel borrows including labour charges for spreading the mix to grades lines and profile and consolidation with power roller rolling etc., including hire, fuel and running charges for Mini Hot Mix plant and power roller and all other tools and plants employed and all other incidental charges such as barricading and providing danger lights etc., complete complying with standard specification (payment shall be made for finished item or work after compaction).</p>					

		1x1	290	3.00	-	870.00sqm
					LS	
						870.00sqm
8	PS Charges					LS
9	Contingencies and other unforced charges etc., complete.					LS

Junior Engineer
Town Panchayat
Annamalainagar

Assistant Executive Engineer
Town Panchayat Works
Cuddalore.

SCHEDULE – A

NAME OF WORK : PROVIDING PREMIX CARPET WITH

SEAL COAT @ THENPATHI TO VALLAM IN SRIMUSHNAM TOWN PANCHAYAT

DATE OF TENDER :

ESTIMATE COST : 3,00,000/-

SOLD TO :

Item No. 1	Probable Quantity 2.	Description of Work 3.	SSRB/MOST 4.	Unit in Words 5.	Rate In	
					Figures 6.	Words 7..
1.	104.00 cum	Earth work excavation in all classes of soils such as hard stiff clay, stiff black cotton, hard red earth, shales, murrum, ordinary earth, earth mixed with 50 % fair-sized boulders etc., with initial leads and lift including laying, spreading, leveling, sectioning, breaking clods etc., as per SS 20 A and all other incidental charges etc., complete as per standard specification.	SSRB 301-310	One cubic metre		
2	130.50 cum	Providing and laying U.S gravel to the specified thick including cost and conveyance of U.S gravel from approved quarry and stacking the same at road side to departmental gauge for premeasurement as directed by the departmental officers including labour charges for spreading in layers not exceeding 75 mm thick (or) as specified by the departmental officer, leveling, sectioning etc. and all other charges for tools and plants employed for the work and all other incidental charges such as barricading and providing danger lights etc; complete as per standard specification.		One cubic metre		
3	66.00 cum	Providing and laying water bound macadam to a consolidated thickness of 75 mm conforming to Grade II using 1.00 cm 73 mm to 45 mm IRC graded hard broken granite metal with 0.24 cum of gravel which shall have P.I. value of less than 6 for blindage for 10 sqm of 75 mm consolidated thickness including cost and conveyance of metal and gravel from approved quarry to worksite and stacking them at road side to departmental gauge for	MOST 404	One cubic metre		

		premeasurement labour charges for spreading the metal, and hand packing to camber blinding with gravel watering, with all leads for soft water forming edge bunds slurring consolidating using power roller to achieve the specified compaction including hire fuel and all other tools and plants employed and all other incidental charges such as barricading providing danger lights etc., complete as per standard specification for Bottom layer.				
4	66.00 cum	Providing and laying 75 mm consolidated thickness of water Bound Macadam conforming to Grade – III using 1.00 cum. Of 53 mm to 22.4 mm IRC size graded hard broken granite metal with 0.24 cum of gravel which shall have a P.I value of less than 6 for blindage for 10 sqm. 0.75 mm. Consolidated thickness, including cost and conveyance of metal and gravel from the approved quarry to work site and stacking the same at road side to departmental gauge for premeasurement, labour charges for spreading the metal, hand packing to camber, blinding with gravel, watering with all leads for soft water forming edge bunds, slurring, consolidating using power roller and all othe tools and plants employed and all other incidental charges such as barricading, providing danger lights etc., complete as per standard specification, for Top layer (payment shall be made for finished item of work after compaction).	MOST 404	One cubic metre		
5	870.00 sqm	Providing tack coat over W.B.M. surface using 10 kg of bitumen per 10 sqm inclusive of cost of bitumen which will be supplied departmentally at departmental section store and the cost of which will be recovered at the rate as specified in the special condition appended here with including conveyance of bitumen from section store to worksite handling charges for the same at both ends including heating the bitumen to the required temperature, labour charges for brushing, cleaning and preparing the surface for laying the tack coat and labour fro applying the required quantity of bitumen including hire, fuel and running charges for the bitumen sprayer and pumping arrangements and all other tools and plants is employed for the work including all other incidental charges such as barricading and providing danger lights, flags etc., complete as per standard specification.	MOST 502	One square metre		

6	870.00 sqm	<p>Providing and laying premix carpet with seal coat type A for 20 mm consolidated thickness using machine crusher I.R.C. size HBG metal 0.18 cubic metre fo 13.s mm and 0.09 cubic metre of 11.2 mm with 14.60 kg of bitumen for premixing for 10 sqm of premix carpet and 0.09 cum of 6.70 mm IRC, HBG crusher metal with 9.80 kg. of bitumen per 10 sqm. for seal coat including cost and conveyance of all materials from approved quarry to worksite and stacking them to departmental gauge for premeasurement including labour charges for heating the bitumen to the required temperature and mixing the required quantity of metal and bitumen using Mini Hot Mix plant conveying the mix by wheel borrows ncluding labour charges for spreading te mix to grades lines and profile and consolidation with power roller rolling etc., including hire, fuel and running charges for Mini Hot Mix plant and power roller and all other tools and plants employed and all other incidental charges such as barricading and providing danger lights etc., complete complying with standard specification (payment shall be made for finished item of work after compaction).</p>	MOST 509-513			
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Signature of Contractor

No. of corrections :
No.of overwritings:

Junior Engineer
Town Panchayat
Annamalainagar

Assistant Executive Engineer
Town Panchayat Works
Cuddalore.

SCHEDULE – A

NAME OF WORK : PROVIDING PREMIX CARPET WITH SEAL COAT @ VAKKARAMARI BURIAL GROUND IN SRIMUSHNAM TOWN PANCHAYAT

DATE OF TENDER :

ESTIMATE COST : 3,00,000/-

SOLD TO :

Item No. 1	Probable Quantity 2.	Description of Work 3.	SSRB/MOST 4.	Unit in Words 5.	Rate In	
					Figures 6.	Words 7. .
1.	104.00 cum	Earth work excavation in all classes of soils such as hard stiff clay, stiff black cotton, hard red earth, shales, murrum, ordinary earth, earth mixed with 50 % fair-sized boulders etc., with initial leads and lift including laying, spreading, leveling, sectioning, breaking clods etc., as per SS 20 A and all other incidental charges etc., complete as per standard specification.	SSRB 301-310	One cubic metre		
2	130.50 cum	Providing and laying U.S gravel to the specified thick including cost and conveyance of U.S gravel from approved quarry and stacking the same at road side to departmental gauge for premeasurement as directed by the departmental officers including labour charges for spreading in layers not exceeding 75 mm thick (or) as specified by the departmental officer, leveling, sectioning etc. and all other charges for tools and plants employed for the work and all other incidental charges such as barricading and providing danger lights etc; complete as per standard specification.		One cubic metre		
3	66.00 cum	Providing and laying water bound macadam to a consolidated thickness of 75 mm conforming to Grade II using 1.00 cm 73 mm to 45 mm IRC graded hard broken granite metal with 0.24 cum of gravel which shall have P.I. value of less than 6 for blindage for 10 sqm of 75 mm consolidated thickness including cost and conveyance of metal and gravel from approved quarry to worksite and stacking them at road side to departmental gauge for premeasurement labour charges for spreading the metal, and hand packing to camber blinding with gravel watering, with all leads for soft water forming edge bunds slurring consolidating using power roller to achieve the specified compaction including hire fuel and all other tools and plants employed and all other	MOST 404	One cubic metre		

		incidental charges such as barricading providing danger lights etc., complete as per standard specification for Bottom layer.				
4	66.00 cum	Providing and laying 75 mm consolidated thickness of water Bound Macadam conforming to Grade – III using 1.00 cum. Of 53 mm to 22.4 mm IRC size graded hard broken granite metal with 0.24 cum of gravel which shall have a P.I value of less than 6 for blindage for 10 sqm. 0.75 mm. Consolidated thickness, including cost and conveyance of metal and gravel from the approved quarry to work site and stacking the same at road side to departmental gauge for premeasurement, labour charges for spreading the metal, hand packing to camber, blinding with gravel, watering with all leads for soft water forming edge bunds, slurring, consolidating using power roller and all othe tools and plants employed and all other incidental charges such as barricading, providing danger lights etc., complete as per standard specification, for Top layer (payment shall be made for finished item of work after compaction).	MOST 404	One cubic metre		
5	870.00 sqm	Providing tack coat over W.B.M. surface using 10 kg of bitumen per 10 sqm inclusive of cost of bitumen which will be supplied departmentally at departmental section store and the cost of which will be recovered at the rate as specified in the special condition appended here with including conveyance of bitumen from section store to worksite handling charges for the same at both ends including heating the bitumen to the required temperature, labour charges for brushing, cleaning and preparing the surface for laying the tack coat and labour fro applying the required quantity of bitumen including hire, fuel and running charges for the bitumen sprayer and pumping arrangements and all other tools and plants is employed for the work including all other incidental charges such as barricading and providing danger lights, flags etc., complete as per standard specification.	MOST 502	One square metre		

6	870.00 sqm	<p>Providing and laying premix carpet with seal coat type A for 20 mm consolidated thickness using machine crusher I.R.C. size HBG metal 0.18 cubic metre fo 13.s mm and 0.09 cubic metre of 11.2 mm with 14.60 kg of bitumen for premixing for 10 sqm of premix carpet and 0.09 cum of 6.70 mm IRC, HBG crusher metal with 9.80 kg. of bitumen per 10 sqm. for seal coat including cost and conveyance of all materials from approved quarry to worksite and stacking them to departmental gauge for premeasurement including labour charges for heating the bitumen to the required temperature and mixing the required quantity of metal and bitumen using Mini Hot Mix plant conveying the mix by wheel borrows ncluding labour charges for spreading te mix to grades lines and profile and consolidation with power roller rolling etc., including hire, fuel and running charges for Mini Hot Mix plant and power roller and all other tools and plants employed and all other incidental charges such as barricading and providing danger lights etc., complete complying with standard specification (payment shall be made for finished item of work after compaction).</p>	MOST 509-513			
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Signature of Contractor

Junior Engineer
Town Panchayat
Annamalainagar

No. of corrections :
No.of overwritings:

Assistant Executive Engineer
Town Panchayat Works
Cuddalore.

SPECIFICATION REPORT TO ACCOMPANY THE ESTIMATE FOR THE WORK OF CONSTRUCTION OF BATHING GHAT AT PILLAIYAR KUTTAI STREET IN SRIMUSHNAM TOWN PANCHAYAT.

EST. COST : 1,00,000/-

At Present the above work is proposed for execution under MLA Fund during the year 2008-09 Vide District Collector AS Lr.No.A2-2005/2008/Dated: 23.04.2008

The Pillaiyar Kuttai Pond lays Srimushnam Town Panchayat Limit. The Villagers are found many difficulties to utilize the Pillaiyar Kuttai without proper Bathing gate. Hence it is proposed to construct a Bathing ghat with the following provision.

1. Earthwork excavation as per SS20B for foundation.
2. Sand filling with good river sand including all labour charges
3. Cement concrete 1:4:8 mix using 40mm in HBG metal for foundation.
4. The Structure will be of Mass brickwork using country bricks. With cement mortar 1:5.
5. The outer and exposed surfaces will be plastered with cement mortar 1:4-12mm thick.

Other provision also has been made for Contingences charges.

The estimate will be carried out as per MDSS and other relevant circular in force. The schedules of rates for the year 2008-09 are adopted.

**Junior Engineer
Town Panchayat Works
Annamalai nagar**

**Asst. Executive Engineer
Town Panchayat works
Cuddalore Zone**

DETAILED CUM ABSTRACT ESTIMATE.

**NAME OF WORK: CONSTRUCTION OF BATHING GHAT AT
PILLAIYAR KUTTAI STREET SRIMUSHNAM
TOWN PANCHAYAT.
ESTIMATE COST:1,00,000/-**

S N	Item of Work	No s	Measurements in Meter			Contents	Amount
			L	B	D		
1	2	3	4	5	6	7	8
1	Earthwork excavation and depositing on bank with initial lead & Shift as per SS20B for foundation						3380
	Retaining Wall	1x1	14.00	1.50	2.20+0.80	31.5 m ³	
	Bathing Gate	1x1	4.50	3.80	$\frac{1.50+0.60}{2}$	17.95m ³	
	Sundries	- L.S. -				0.55 m ³	
	@ Rs. 67.60/cum				Total	50.00m ³	
2	Sand filling with good river sand including all labour charges etc., completed						1145.00
	Retaining wall	1x1	14.00	1.50	0.15	3.15 m ³	
	Bathing Gate	1x1	4.50	3.80	0.15	2.56 m ³	
	Sundries	- L.S. -				0.29 m ³	
	@ Rs. 190.90/cum				Total	6.00 m ³	
3	Cement concrete 1:4:8 mixing 40mm ISS metal including cost & Conveyance to site and all labour charges etc completed						13190.00
	Retaining wall	1x1	14.00	1.50	0.20	4.20 m ³	
	Bathing Gate	1x1	4.50	3.80	0.15	2.56 m ³	
	Sundries	- L.S. -				0.24 m ³	
	@ Rs. 1884.40/cum				Total	7.00 m ³	
4	Brick Work in Cement mortar 1:5 mixing country Bricks including cost and conveyance to site of all materials and all labour charges etc completed						
	Retaining Footing	1x1	14.00	1.20	0.30	5.04 m ³	
	Retaining Wall Body wall	1x1	14.00	$\frac{1.10+.34}{2}$	1.80	18.14 m ³	
	Bathing Gate	1x1	4.50	3.50	0.30	4.72 m ³	
	1 st steps	1x1	4.50	3.20	0.15	2.11 m ³	
	2 nd steps	1x1	4.50	2.90	0.15	1.95 m ³	
	3 rd Steps	1x1	4.50	2.60	0.15	1.75 m ³	
	4 th Steps	1x1	4.50	2.00	0.15	1.35 m ³	
	5 th Steps	1x1	4.50	1.70	0.15	1.47 m ³	
	6 th Steps	1x1	4.50	1.40	0.15	0.94 m ³	
7 th Steps	1x1	4.50	1.10	0.15	0.74 m ³		

	8 th Steps	1x1	4.50	0.80	0.15	0.54 m ³		
	Parapet Wall	1x2	5.25	0.115	0.60	0.72 m ³		
	Pillar	1x2	0.34	0.34	0.30	0.07 m ³		
	Sundries	- L.S. -				0.46 m ³		
	@ Rs. 1885.82/ m ³					40.00 m ³	75432.00	
5	Plastering with cement mortar 1:4-12mm thick including cost and conveyance to site of all materials and all labour charges etc complete.							
	Rise portion	1x1	4.50	-	0.30	1.35 m ²		
	Rise Steps	1x1	4.27	-	1.20	5.12 m ²		
	Thread Portion	1x1	4.27	-	3.50	14.34 m ²		
	Parapet wall Inner	1x2	5.25	-	0.60	6.30 m ²		
	Top Face	1x2	6.45	.023	-	2.96 m ²		
	Parapet wall Outer	1x2	0.50	3.50	1.80	6.30 m ²		
	Parapet Wall Rear	1x1	4.50	-	0.60	2.70 m ²		
	Retaining wall Face Top	1x1	20.00	-	2.44	48.80 m ²		
	Face	1x2	1.10+ 0.34/ 2	-	1.80	2.59 m ²		
	Sun dries	- L.S. -				0.54 m ²		
	@ Rs. 61.55/sqm				Total	91.00m ²	5601.00	
6	Petty Super vision charges -LS -							--
7	Conditions and PS charges							1252.00
Total Cost							100000.00	

**Junior Engineer
Town Panchayat Works
Annamalai nagar**

**Asst. Executive Engineer
Town Panchayat works
Cuddalore Zone**

