

mmssy Road to Primary School

Agg. 11/580/2021

Schedule XLV Form No. 134.

TAGDISHPUR DIVISION

CHHHPUR SUB-DIVISION

MBND-936

Measurement Book

Conf. Jt. Shree Enterprises Prop. Uham Kumar
MBND-



Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
N/W: —	Const. of road from				MMSY road to Primary school (MMSY bus)
	MMSY road to Primary				
	school (MMSY bus)				
Agency: —	M/S Shree Enterprises				
Agreement No.: —	11. SBD/2021-22				
Date of Commencement: —	12.07.2021				
Date of Completion: —	01.04.2022				
Actual Date:					
Date of Entry: —	02.02.2024				
1/ Const. of Subgrade and earthen					Shoulder.
Agreement of work					
2 x 10 x 30m x 1.388m x 0.200m =	166.56 m ³				
2 x 1 x 30m x 1.388m x 0.200m =	16.656 m ³				
Agreement of work					
2 x 4 x 30m x 1.388m x 0.200m =	66.624 m ³				
2 x 5 x 30m x 1.388m x 0.200m =	83.280 m ³				
Agreement of work					
2 x 10 x 30m x 1.182m x 0.075m =	53.19 m ³				
2 x 1 x 30m x 1.182m x 0.075m =	5.319 m ³				
2 x 4 x 30m x 1.182m x 0.075m =	21.276 m ³				
2 x 5 x 30m x 1.182m x 0.075m =	26.595 m ³				
	Total = 439.50 = (A)				
Defect Bty. of subgrade					
in old pcc portion.					
6 x 30m x 3.0m x 0.300m =	162.00 m ³				
1 x 16m x 3.0m x 0.300m =	14.40 m ³				
	Total = 176.4 m ³ = (B)				
Net Bty. = (A) + (B) =	263.100 m ³				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2/ Providing GSB grading-I.					
Extra widening at junction point,					
End point, and approach.					
$1 \times 15 \text{ m} \times \left(\frac{6.3 + 4.05}{2} - 4.05 \right) \times 0.200 \text{ m} = 3.375 \text{ m}^3$					
$1 \times 15 \text{ m} \times \left(\frac{5.5 + 4.05}{2} - 4.05 \right) \times 0.200 \text{ m} = 2.175 \text{ m}^3$					
$1 \times 15 \text{ m} \times \left(\frac{6.5 + 4.05}{2} - 4.05 \right) \times 0.200 \text{ m} = 3.675 \text{ m}^3$					
$1 \times 15 \text{ m} \times \left(\frac{7.5 + 4.05}{2} - 4.05 \right) \times 0.200 \text{ m} = 5.175 \text{ m}^3$					
In approach.					
$1 \times 6.0 \text{ m} \times 4.05 \text{ m} \times 0.200 \text{ m} = 4.860 \text{ m}^3$					
Total					$= 19.260 \text{ m}^3$

3/ Providing ABM grad-II
with stone screening.

In approach.					
$1 \times 6.0 \text{ m} \times 3.75 \text{ m} \times 0.075 \text{ m} = 1.687 \text{ m}^3$					
Extra widening at junction point					
and End point.					
$1 \times 15.0 \text{ m} \times \left(\frac{6.3 + 3.75}{2} - 3.75 \right) \times 0.075 \text{ m} = 1.434 \text{ m}^3$					
$1 \times 15 \text{ m} \times \left(\frac{5.5 + 3.75}{2} - 3.75 \right) \times 0.075 \text{ m} = 0.984 \text{ m}^3$					
$1 \times 15 \text{ m} \times \left(\frac{6.5 + 3.75}{2} - 3.75 \right) \times 0.075 \text{ m} = 1.547 \text{ m}^3$					
$1 \times 15 \text{ m} \times \left(\frac{7.5 + 3.75}{2} - 3.75 \right) \times 0.075 \text{ m} = 2.109 \text{ m}^3$					
Total					$= 7.761 \text{ m}^3$

SK
02/02/24
S E/shahpur

S
04/02/24
AS

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
Date of Measurement				02.09.2024 03.09.2024
1/ Providing Prime Coat with Emulsion (SS-3).				
11 x 3.0 m x 3.75 m				1237.50 m ²
9 x 3.0 m x 3.75 m				1012.50 m ²
			Total =	2250.00 m ² (A)
In Approach portion				
1 x 6.0 m x 3.75 m				22.50 m ²
1 x 6.0 m x 3.75 m				22.50 m ²
In Junction point and End point.				
1 x 15 m x $\left(\frac{6.3 + 3.75}{2} - 3.75\right)$				19.12 m ²
1 x 15 m x $\left(\frac{5.5 + 3.75}{2} - 3.75\right)$				13.12 m ²
1 x 15 m x $\left(\frac{6.5 + 3.75}{2} - 3.75\right)$				20.62 m ²
1 x 15 m x $\left(\frac{7.5 + 3.75}{2} - 3.75\right)$				28.12 m ²
			Total =	125.98 m ² (B)
Total Area = (A) + (B)				2375.98 m ²
2/ Providing Tack coat with Emulsion (RS-1).				
Same area of Prime coat				
(vide TMBP - 16), Qty. =				2375.98 m ²
3/ Providing 20 mm thickness M.S.S. with Bitumen (VG-10).				
Same Area of Prime coat				
(vide TMBP - 16), Qty. =				2375.98 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4/ providing km stone.					
(i) ordinary km stone					
			Qty. =	2.0 Nos.	
(ii) 200 m stone					
			Qty. =	2.0 Nos.	
5/ providing and fixing logo of project.					
(i) Logo of project			Qty. =	02 Nos.	
(ii) Citizen information Board			Qty. =	01 Nos.	
(iii) Maint informatory Board			Qty. =	01 Nos.	
			Total =	04 Nos.	
6/ providing Boundary pillars.					
			Qty. =	16 Nos.	
7/ providing and fixing retro-reflecterized cautionary - - etc Board with all job.					
(i) 600 mm equilateral triangle			Qty. =	2 Nos.	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(i) 600 mm circular					
			Qty.	=	2 Nos.
(ii) 600 mm x 450 mm rectangular					
			Qty.	=	2 Nos.
(iv) 900 mm side octagon					
			Qty.	=	2 Nos.

8/ Road Marking with					
Hot Applied Thermoplastic					
Compounding with					
reflecting glass					
Beads on BT surface.					
2 x 330 m x 0.100 m =					66.00 m ²
2 x 270 m x 0.100 m =					54.00 m ²
					Total = 120.00 m ²

9/ planting of tree and					
there maint. for					
one year.					
			2 x 30 Nos.	=	60 Nos.

10/ Const. of embankment					
with material obtained					
from borrow pits with					
a lead upto 100 m					
lead.					
As per E/w calculation sheet					

Continuation

ABSTRACT OF 1057
3rd and 20 Final Bill
 Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/2. Setting out pillars.					
(i) Bench mark pillars					
Qty. = 01 Nos. (vide TMBP-10)					
@ ₹ 4102.76 / Nos. = ₹					4,103.00
(ii) Reference pillars.					
Qty. = 02 Nos. (vide TMBP-10)					
@ ₹ 1872.95 / Nos. = ₹					3,746.00
2/2. Clearing and grubbing of road land.					
Qty. = 0.42 Hect. (vide TMBP-10)					
@ ₹ ^{52966.72} 1422.95 / Hect. = ₹					22,246.00
3/3. Const. of embankment with material obtained from borrow pits with a lead upto 100 m.					
Qty. = 81.07 m ³ (vide TMBP-19)					
@ ₹ 143.05 / m ³ = ₹					11,597.00
4/4. Const. of subgrade and earthen shoulder.					
Qty. = 1309.68 m ³ (vide TMBP-10)					
263.10 m ³ (vide TMBP-14)					
1572.78 m ³ @ ₹ 191.72 / m ³ = ₹					^{3,01,533.00} 2,51
C/O → 3,43,225.00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5/5. Providing GSA grading - 5.					
Qty. = 457.855 m ³ (vide TMBP-10)					
19.260 m ³ (vide TMBP-15)					
477.115 m ³ @ ₹ 3103.38/m ³ = ₹ 14,80,669 =					
6/6. Providing WBM grad-II					
with stone screening.					
Qty. = 170.44 m ³ (vide TMBP-11)					
7.761 m ³ (vide TMBP-15)					
178.201 m ³ @ ₹ 4491.30/m ³ = ₹ 8,00,354 = 0					
7/7. Providing Prime coat					
with emulsion (SS-1).					
Qty. = 2375.98 m ² (vide TMBP-16)					
@ ₹ 41.42/m ² = ₹ 98,413 = 00					
8/8. Providing Tack coat					
with emulsion (RS-1).					
Qty. = 2375.98 m ² (vide TMBP-16)					
@ ₹ 14.12/m ² = ₹ 33,549 = 00					
9/9. Providing 20 mm thick					
MSS with Bitumen					
(Vb-10)					
Qty. = 2375.98 m ² (vide TMBP-16)					
@ ₹ 210.35/m ² = ₹ 4,99,787 = 00					

c/o → 32,55,997 = 00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10/10 (i) Providing ordinary km stone.					
Qty. = 2 Nos. (vide TMBP-17)					
@ ₹ 2244.55/Nos. = ₹ 4,489.00					
11/10 (ii) Providing 200 m stone.					
Qty. = 2 Nos. (vide TMBP-17)					
@ ₹ 615.30/Nos. = ₹ 1230.00					
12/11. Providing and fixing					
Logo of mmbsy					
Project. etc Board.					
Qty. = 04 Nos. (vide TMBP-17)					
@ ₹ 905.67/Nos. = ₹ 36,183.00					
13/13. Providing Boundary					
Pillars.					
Qty. = 16 Nos. (vide TMBP-17)					
@ ₹ 513.40/Nos. = ₹ 8,214.00					
14/14. Providing and fixing					
retro-reflectised					
Caustic material. etc					
Board with all job.					
(i) 600 mm equilateral triangle.					
Qty. = 02 Nos. (vide TMBP-17)					
@ ₹ 3566.82/Nos. = ₹ 7134.00					

C/O → 33,13,247 = 00

Continuation

P.T.O.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(i) 600 mm circular					
Qty. = 2 Nos. (vide TMBP - 18)					
@ ₹ 4791.68 / Nos. = ₹ 9,583 = 00					
(ii) 600 mm x 450 mm rectangular					
Qty. = 2 Nos. (vide TMBP - 18)					
@ ₹ 4666.30 / Nos. = ₹ 9,332 = 00					
(iv) 900 mm side octagonal					
Qty. = 2 Nos. (vide TMBP - 18)					
@ ₹ 724 8543.40 / Nos. = ₹ 17,087 = 00					
15/15. Road Marking with					
HATP @ compound					
on BT surface.					
Qty. = 120.00 m ² (vide TMBP - 18)					
@ ₹ 721.91 / m ² = ₹ 86,629 = 00					
16/16. Planting of tree					
and their maint.					
for one year.					
Qty. = 60 Nos. (vide TMBP - 18)					
@ ₹ 844.59 / Nos. = ₹ 50,675 = 00					
17/17. E/W in excavation for					
foundation of structure.					
Qty. = 31.320 m ³ (vide TMBP - 11)					
@ ₹ 279.09 / m ³ = ₹ 8,741 = 00					

Clc → 34, 95, 29424

Continuation

P-70

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
18/18. Providing PCC M-15 as levelling course in foundation.					
Qty. = 5.700 MB (vide TMBP - 11)					
@ ₹ 5517.69/MB = ₹ 31,451=00					
19/19. Providing PCC M-20 in substructure.					
Qty. = 30.340 MB (vide TMBP - 11)					
@ ₹ 6401.72/MB = ₹ 1,94,228=00					
20/20. Painting on parapet walls of M.C.C.					
Qty. = 24.96 m ² (vide TMBP - 12)					
@ ₹ 100.76/m ² = ₹ 2,515=00					
21/21. Providing and Laying RCC pipe NP3 600 mm ϕ for culverts.					
Qty. = 15.0 M (vide TMBP - 11)					
@ ₹ 1022.72/M = ₹ 15,341=00					
22/22. Providing and Laying of RCC pipe duct 300 mm ϕ - etc with all job.					
Qty. = 20.0 M (vide TMBP - 12)					
@ ₹ 913.84/M = ₹ 18,277=00					
Continuation C/O → ₹ 37,57,106=00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		BF	=	7	37,57, 106 = 00
Add @ 12% GST		=	(4) 7		4,50, 853 = 00
Add @ 1% L. cess		=	(4) 7		37, 5712 = 00
Add S-Free		=	(4) 7		NIL
Previous S-Free		=	(4) 7		38, 227 = 00
(wide T.M.B.P. - 12)		=	(4) 7		38, 055 = 00
Total		=	7		42,83, 757 = 00
As per Agreement 18% below		=	7		7,71, 076 = 00
		=	7		35,12, 681 = 00
JE/shahpur					
Less previous payment		=	(1) 7		25,79, 6602 = 00
		=	7		9,33, 021 = 00
work has been completed as per specification.					
JE/shahpur					

Continuation