PMGSY-NDB-BRRP-Bhe355 Chapter-2 M.B.NO-3478

Schedule XLV-Form No. 134

अगोथर सुन्दर PMGSY अलोक पाण्डेय के घर से जयाहिरी सिंह महुली PMGSY पथ तक रोड।

एकरारनामा सं०- 35SBD/2021-22 **DIVISION**

इंजीनियर :- श्री मुकेश सिंह

श्री हिमांशु शेखर प्रसाद (सहायअभि०) **SUB-DIVISION**

इसुआपुर

MEASUREMENT BOOK

M.B.NO-3478

Jai Ganesh

Ist and

N/Road:- Construction of Road from Agother Sundar Arse Alok Pandey Ke Ghar se Jai Bihari Singh Mahuli Hasya Road Tola

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
~~Contractor:- Sri Mukesh Singh~~					
~~Agrt No:- 35 SBD/2021-22~~					
~~dt of Agrt:- 20/12/2021~~					
19/12/2021					
~~Actual dt of Compl:- 16/12/2022~~					
18.64% below CSR as per Agreement:-					
work done					
① Providing granular Subbase GSB in Road Base do do					
Inter median and curve	7 No	× 10m	× 1.85/2	× 0.200	= 12.95 m³
	11 m	× 8m	× 0.850	× 0.200	= 14.96 "
					27.91 m³
Vide Page No (4) B/F =					1533.75 m³
					1561.66 m³
② Providing laying & spreading compacting WBM Gr II do do					
	7	× 9.50m	× 1.40(av)	× 0.075	= 6.98 m³
	11	× 7.00	× 0.60 av	× 0.075	= 3.46 m³
					10.44 m³
vide Page No (4) B/F =					246.724 m³
					257.14 m³
③ Providing unreinforced Cement Concrete in Road Base M.30 do do					
	11	× 30m	× 3.75(av)	× 0.160 (av)	= 198.00 m³
	4	× 30m	× 3.75(av)	× 0.160	= 72.00 "
	1	× 20m	× 3.75	× 0.160	= 12.00 "
Cong ...	4	× 6.50	× 1.35	× 0.160	= 5.616 m³
					287.616 m³

Continuation

(Signature) JE 16/11/22

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) Providing Prime Coat (S-31) do do					
10 x 30m x 3.75m = 1125.00m²					
15 x 30m x 3.75 = 1687.50 "					
15 x 30m x 3.75 = 1687.50 "					
10 x 30m x 3.75 = 1125.00 "					
11 x 30m x 3.75 = 1237.50m²					
1 x 20m x 3.75 = 75.00 "					
Extra for Cross 7 x 9m x 1.40 = 88.20m²					
11 x 7m x 0.60 = 46.20m²					
Say 7071.90m²					
(5) Providing Tack Coat (RS 7) do do					
Vide item No - (4) = 7071.90m²					
(6) Providing Mix Seal Surface (with use Plastic) do					
Vide item No (5) Qty = 7071.90m²					
(7) Providing K.M. Post Reinforced Cement Concrete (NH-15) do do					
Qty = 03 Nos					
(8) Providing 200m post do					
Qty = 09 Nos					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(9) Traffic Sign:-					
600 mm equilateral Triangle = 08 Nos					
600 mm Circular = 06 Nos					
600 mm × 450 mm rectangular = 04 Nos					
(10) Providing and fixing logo at mms Project					
Logo of MMGS x Project = 01					
Citizen information board = 01					
Maintance Board = 01					
(11) Providing Reinforced Cement Concrete M-15 Retaining Path = 10 No = 24 M					
(12) Road marking with Hot applied Thermo Plastic Compound @					
2 × 30 Nos × 30m × 0.100 = 180.00 m²					
2 × 30 Nos × 30m × 0.100 = 180.00 m²					
2 × 17 Nos × 30m × 0.100 = 102.004					
2 × 10m × 0.100 = 02.004					
					464.00 m²

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

(13) Providing & Painting over Cement Plaster / concrete surface Parapit wall of C.D.

2×0×3.65×0.600 = 8.76 m2
2×3.65×0.400 = 2.92 "
4×0.700×0.600 = 1.68 "
4×0.400×0.600 = 0.96 "
14.32 m2

for 6 No C.D. 6×14.32 m2
= 85.92 m2

Limited Qty = 84.12 m2

(14) Providing & Planting of Trees and their maint. for one year.

Total Qty = 185 No

(15) E/W Qty of Road

Change	Area	Mean	Dist.	Qty
0	0.884			
50	0.898	0.891	50	44.550 M3
100	0.912	0.905	50	45.250 "
150	0.850	0.881	50	44.050 "
200	0.931	0.891	50	44.525 "
250	0.905	0.918	50	45.900 "
300	0.877	0.891	50	44.550 "
350	5.268	3.073	50	153.625 "

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Chainage	Area	Area	[illegible]	[illegible]	
400	5.414	5.341	50	267.050	
450	4.506	4.960	50	248.000	
500	5.251	4.879	50	243.925	
550	5.291	5.271	50	263.550	
600	5.299	5.291	50	264.525	
650	5.278	5.284	50	264.200	
700	5.196	5.237	50	261.850	
750	5.356	5.276	50	263.800	
800	4.156	4.756	50	237.800	
850	4.156	4.156	50	207.800	
900	4.515	4.336	50	216.775	
950	4.610	4.563	50	228.125	
1000	4.600	4.630	50	231.500	
1050	4.610	4.630	50	231.500	
1100	4.620	4.615	50	230.750	
1150	4.622	4.626	50	231.300	
1200	4.519	4.576	50	228.775	
1250	4.647	4.583	50	229.150	
1300	4.566	4.607	50	230.325	
1350	5.327	4.947	50	247.325	
1400	5.241	5.284	50	264.200	
1450	5.193	5.217	50	260.850	
1500	5.269	5.231	50	261.550	
1550	5.155	5.212	50	260.600	
1600	5.355	5.255	50	262.750	
1650	5.282	5.319	50	265.925	
1700	4.513	4.898	50	244.875	

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
~~1750~~	4.616	4.565	50	228.225 m3	
1800	4.666	4.641	50	232.050 "	
1850	4.584	4.625	50	231.250 "	
1900	4.714	4.649	50	232.450 "	
1950	4.487	4.601	50	230.025 "	
2000	4.682	4.585	50	229.225 "	
2050	4.629	4.656	50	232.775 "	
2100	5.827	5.228	50	261.400 "	
2150	0.970	3.399	50	169.925 "	
2200	0.912	0.941	50	47.050 "	
2250	0.950	0.931	50	46.550 "	
2300	0.953	0.952	50	47.575 "	
2320	0.891	0.922	20	18.440 "	
With Crust Total				9278.17 m3	
Limited Qty =				9200.00 M3	

Less for Crust :— G.S.B

GSB with Pan No (12) = 1561.66 M3

WBM GSB with Pan (12) = 557.90 M3

C.C. Pavement = 287.61 M3

(-) 2406.47 M3

Net ~~6801.500~~ M3 6793.53 M3

Bifurcation of Qty

(i) 1000 m lead Qty = 1528.53 M3

~~(ii) 100 m lead Qty = 3535.00 M3~~

(iii) Subgrade Qty = 1730.00 M3

AE 16/11/22

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of cost					
(1) Providing Fixing Benchmark					
vide Page No (5)					
Qty = 02 Nos					
@ Rs 3698=23/					Rs 7396=0
(2) Reference Pillar					
vide Page No (5)					
Qty = 09 Nos					
@ Rs 1710=42/-					Rs 15,394=0
(3) clearing and grubbing Road land					
vide Page (5)					
Qty = 0.810 Hec					
@ Rs 53,879=81/					Rs 43,649=00
(4) Excavation of Road work in ordinary soil					
vide Page (05)					
Qty = 61.69 m3					
@ Rs 757=61/cum					Rs 4664=0
(5) Construction of Embankment					
vide Page No (17) 1000 m3 156466					
Qty 152853 m3					
@ Rs 190=14/m3					Rs 2,90,635=00

Continuation Rs 3,61,732=0

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(6) Construction of Embankment up to 100 m height vide Par No 17					
				= 3595.00 M3	
	@ Rs 154 = 40/ M3				Rs 5,45,804 =-
(7) Construction of Subgrade vide Par No 17					
				= 1730.00 M3	
	@ Rs 191 = 82/ M3				Rs 3,31,849 =00
(8) Providing granular Subbase Course vide Par No 1					
				= 1561.66 M3	
	@ Rs 2756 = 31/38				Rs 4,304,419 =-
(9) Providing layer of 8cm WBM Grade II vide Par					
				= 557.19 M3	
	@ Rs 3907 = 24/ M3				Rs 21,77,075 =-
(10) Providing layer Prime Coat = SS 1 vide Par No = 7071.90 M2					
	@ Rs 41 = 42/ M2				Rs 2,92,918 =00
					Rs 80,13,797 =00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) Providing Rock Coat (R.S.) with Pad (13)					
Qty = 7071.90 m²					
@ ₹ 14=15 /m²					₹ 100,067=00
(12) Providing Mixed Surface with Plastic 20 mm thick. with Pad (13)					
Qty = 7071.90 m²					
@ ₹ 215=50 /m²					₹ 15,23,994=00
(13) Providing Coated Carpet Pavement Layer with Pad No (12)					
Qty = 287.616 m³					
@ ₹ 7074=21 /m³					₹ 20,34,656=00
(14) Providing K.M. Pot Reinforced Coated Carpet with Pad (13)					
Qty = 09 Nos					
@ ₹ 23273=87					₹ 6822=00
(15) 20 mm Pot					
Qty = 09 Nos					
@ ₹ 613=16					₹ 5518=00
Continuation					₹ 11,68,1,16,84,854=00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(16) Traffic Sign Board					
(i) 600mm equilateral triangle with Pay (14)					
18				@ ₹3639=60	₹29,117=00
(ii) 600mm Circle with Pay (14)					
19				@ ₹1651.88 | 2nos	₹27,911=12
(11) 600mm X 450mm Rectangular with Pay (14)					
20				@ ₹4548=26 | 18193=00	
(16) Provide and Erect Traffic Board					
17 with Pay (14)					
(i) MM 08 Project				@ ₹	= 01
(ii) Circum Board				@ ₹	= 01
(iii) Mainfold Board					= 010
				@ ₹2447.03 Pe	
				@ ₹1582=08	₹28,746=
(17) Provide Reinforced Cement Concrete M15 PCC with Pay (14)					
21				@ ₹527=17	₹12,652=
Continuation					₹1,18,01,473

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(18) 22 Planting of trees and their maint. do					
Vide Para No -					
Vide Para (15) Qty = 185 No					
@ $ 853=52					
each					$ 157,901=
(19) 23 Road marking with Hot applied thermo plastic compound do					
Vide Para No (14)					
Qty = 464.00 M2					
@ $ 721=98					
/m2					$ 334,999=
(20) 24 E/W in excavation of road ... do					
Vide Para No (7)					
Qty = 111.516 m3					
@ $ 283=94					$ 31,664=0
(21) 25 Providing Type B wall with local stone do					
Vide Para No (7)					
Qty = 12.78 M3					$ 6340=00
@ $ 496=08/m3					

Continuation ~~$ 12,19,0,266~~ 12,39,237=

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(22)/26 For Construction in ... do					
Vide Page (7)					
Qty = 9.72 m3					
@ Rs 5541=84/					
					Rs 53,867=00
(23)/27 For ... (1:4) do					
Vide Page (7)					
Qty = 84.12 m3					
@ Rs 5369=47/					
					each Rs 4,51,680=
(24)/28 Providing & laying ... H.P. ... do					
Vide Page (8)					
= 45.00 m					
@ Rs 2647=76/ m					
					Rs 1,19,149=
(25)/29 Providing ... (1:4)					
Vide Page (8) = 84.12 m2					
@ Rs 148=42/ m2					12,485=
(26)/30 Providing Painting over Parapet wall of CD. Work					
Vide Page No (10)					
84 = 84.12 m2					Rs 11,830=00
@ Rs 140=63/ m2					

Continuation

~~Rs 1,28,39,277~~

1,29,81,385=

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
					₹1,28,39,277=00
					₹ 12,98,385=00
less allow					
agst 18.64%					₹ 24,19,730=00
					₹ 1,05,61,665=00
Add 1% Labour Cess					₹ 1,05,617=00
Add 12% G.S.T. (6)					₹ 12,67,400=00
+ Signonage fee					₹ 1,46,200=00
					₹ 1,20,81,182=00
less Previous work done					₹ 74,56,198=00
					₹ 46,24,984=00

16/11/22

C&P 16.11.22