

1st and final bill

Name of Work—
 Situation of Work—
 Agency by which work is executed—
 Date of Measurement—
 No. and date of agreement

(These four lines should be repeated at the commencement of the measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - TO3 TO AMDARH					
Agency - MS shivam Enterprises					
Agreement no - 52 MBD / 2020 - 2021					
Date of start of work - 25/07/2020					
Date of completion - 27/07/2021					
① Cont. of granules subbase					
		do			3
8.30 x 2.50	m	X	0.175	m	3.631
6.38 x 3.50	X	0.175	=	3.908	
10.36 x 3.00	X	0.175	=	5.439	
7.62 x 2.50	X	0.175	=	3.334	
8.00 x 2.45	X	0.175	=	3.430	
6.00 x 1.50	X	0.175	=	1.575	
1.24 x 3.05	X	0.175	=	0.662	
7.62 x 3.00	X	0.175	=	4.001	
12.70 x 3.00	X	0.175	=	6.668	
9.84 x 3.25	X	0.175	=	5.597	
7.62 x 3.00	X	0.175	=	4.001	
		Total	=	42.244	

Continuation

m³

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Sch. XLY Form No. 194

Particulars	Details of actual measurement				Constant of area
	No.	L.	B.	B.	
2. Vidm 95	11				
Providing, laying, & spreading					
m	m		m		m ²
10.55 x 2.60	x	0.075	=	2.657	
8.63 x 2.60	x	0.075	=	2.336	
12.61 x 2.10	x	0.075	=	2.932	
7.87 x 2.60	x	0.075	=	1.925	
10.26 x 2.55	x	0.075	=	1.961	
8.25 x 2.60	x	0.075	=	0.971	
3.49 x 3.15	x	0.075	=	0.221	
9.87 x 3.10	x	0.075	=	2.295	
14.95 x 3.10	x	0.075	=	3.416	
12.67 x 3.37	x	0.075	=	3.032	
7.87 x 3.10	x	0.075	=	2.295	
10.26 x 2.35	x	0.075	=	1.861	
8.25 x 2.45	x	0.075	=	2.135	
11.25 x 3.35	x	0.075	=	2.827	
10.49 x 2.60	x	0.075	=	2.046	
		Total	=	32.935	
				m ²	
(3) Vidm 98	11				
Providing, laying, & spreading					
m	m		m		m ²
11.90 x 2.70	x	0.075	=	2.410	
9.48 x 3.70	x	0.075	=	2.767	
13.96 x 3.20	x	0.075	=	3.350	

Continuation

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
11.22 X	2.70	X	0.075	=	2.272
11.60 X	2.65	X	0.075	=	2.306
9.60 X	1.70	X	0.075	=	1.224
4.84 X	3.25	X	0.075	=	1.180
11.22 X	3.20	X	0.075	=	2.693
16.30 X	3.20	X	0.075	=	3.912
13.44 X	3.45	X	0.075	=	3.478
11.22 X	3.20	X	0.075	=	2.693
11.60 X	2.45	X	0.075	=	2.132
9.60 X	3.35	X	0.075	=	2.412
8.60 X	3.00	X	0.075	=	1.935
12.60 X	3.25	X	0.075	=	3.071
11.84 X	2.50	X	0.075	=	2.220
11.60 X	2.50	X	0.075	=	2.175
8.60 X	3.25	X	0.075	=	2.096
17.33 X	3.00	X	0.075	=	3.899
12.60 X	2.25	X	0.075	=	2.126
10.60 X	3.25	X	0.075	=	2.584
8.60 X	3.00	X	0.075	=	1.935
10.09 X	3.25	X	0.075	=	2.459
11.82 X	2.02	X	0.075	=	1.791
10.72 X	2.24	X	0.075	=	1.801
11.07 X	3.17	X	0.075	=	2.648
7.87 X	3.17	X	0.075	=	1.883
18.00 X	2.24	X	0.075	=	3.024
		Total		=	68.478

Continuation

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4. clearing and grubbing					
road canal - - do - -					
$2 \times 60 \times 25 \times 1.0 = 3000$					
$= 3000$				0.3	hect
$10000 = 0.30$					0.30 hect
5. cont. of subgrade and earthen shoulders					
- - do - -					
$2 \times 60 \times 25 \times 0.70 \times 0.30 = 630$					630 m ³

⑥ Prime coat					
Providing and applying					
tack coat - - do - -					
Area used for prime coat is same as area used for WBM gr-II P-③					
item-③ $+ 16 \times 3.75$					
$= \frac{68.478}{0.075} = 913.04$					913.04 m ²

⑦ Tack coat					
Providing and applying					
tack coat - - do - -					
Area used for tack coat is same as area used for prime coat P-④					
Continuation					
(4) item-⑥					

$$+ 16 \times 3.75$$

$$= 913.04 + 60 = 973.04$$

$$\therefore \text{amt} = 973.04 \text{ m}^2$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8) Patch work over WBM using mss. do —					
Area used for mss is same as area used for tack coat of (4) item (7) = 973.04 m^2				2	973.04 m^2
(9) Tack coat — do —					
Providing and applying tack coat with RS-1 — do —					

27	25	3.8	=		2565 m^2
28	25	3.75	=		2625 m^2
10	2.6		=		26 m^2
12	3.0		=		36 m^2
18	3.50		=		63 m^2
20	3.6		=		72 m^2
20	3.70		=		74 m^2
20	3.65		=		73 m^2
6	$\left(\frac{2+5}{2}\right)$		=		39 m^2
4	$(15+3.8)$		=		17.6 m^2
15	$\left(\frac{2}{3.75}\right)$		=		56.25 m^2
Total					5646.85 m^2

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) Providing and laying semidense bituminous concrete -- do -- Area used for SDBC is same as area used for tack coat P-(5) item - (9) = 5646.85 m^2 ∴ ent = 5646.85×0.025 = 141.171 m^3 = 141.171 m^3					
(11) Kilometer stone					
(i) Km stone --				ent = 3 NO.	
				= 3 NO.	
(ii) 20 cm stone --				ent = 7 NO.	
direction & place identification					
(12) Retro-reflectorised					
Traffic sign -- do --					
2x 1.20×0.80				2	1.92 m^2
(13) Providing and fixing of retro-reflectorised cautionary, mandatory and informative sign -- do --					
(i) 600 mm equilateral triangle				ent = 20 NO.	
(ii) 600 mm circular board				ent = 8 NO.	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4X 6X		0.60	=		14.4
2X 6X		0.40	=		4.8
4X 0.4X		0.60	=		0.960
			Total		20.16m ²
(20) Painting two coats on new concrete surface					
— — do — —					
4X 4		X 0.60	=		9.6
22X 4X 6			=		48
4X 0.40		X 0.60	=		0.960
			Total		58.560

G. Singh
02/01/2022
JE

Abstract of cont

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Const. of granular surface do					
ent = 42.244 m ² P- (1)					
item - (1) @ Rs 2254.11/m ²					
				2 Rs	952230
(2) WBM gr-II do					
ent = 32.935 m ² P- (2)					
item - (2) @ Rs 4125.85/m ²					
				2 Rs	1372610
(3) WBM gr-III do					
ent = 68.478 m ² P- (3)					
item - (3) @ Rs 3741.15/m ²					
				2 Rs	2561860
(4) clearing & grubbing road land do					
ent = 0.30 hect P- (4)					
item - (4) @ Rs 4949670/h					
				2 Rs	148490
(5) Const. of subgrade and earth shoulders do					
ent = 630 m ³ P- (5) item - (5)					
@ Rs 176.96/m ³ = Rs					1114850

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ Prime coat					
— do —					
amt =	913.04 m ²	P-	(4)		
itm - ⑥ @ Rs	41.53 / m ²	Rs			37919=
⑦ Tack coat					
— do —					
amt =	973.04 m ²	P-	(4)		
itm - ⑦ @ Rs	14.08 / m ²				
				Rs	13700=
⑧ Patch work over WBM using mss — do —					
amt =	973.04 m ²	P-	(5)		
itm - ⑧ @ Rs	227.34 / m ²				
				Rs	221210
⑨ Tack coat					
— do —					
amt =	56416.85 m ²				
P- (5) itm - ⑨					
@ Rs	12.24 / m ²			Rs	69117=
⑩ Providing and laying SDBC — do —					
amt =	14.1171 m ³	P-	(6)		
itm - ⑩ @ Rs	10969.78 / m ³				
				Rs	1548615=
				Rs	1548615=

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Kilometer stone					
(1) Kilometer stone					
amt = 3 No. P- (6)					
itm - 11 (i) @ Rs 2281.24 / H					
				2 Rs	6844 =
(ii) 200 m stone					
amt = 7 No. P- (6)					
itm - 11 (ii)					
@ Rs 630.82 / H = Rs					4416 =
(12) Direction and place					
identification sign					
— — — do — — —					
amt = 1.92 m ² P- (6)					
itm - (12) @ Rs 12347.24					
				= Rs	23707 =
(13) Providing & fixing of					
retro-reflectised					
cautionary, mandatory					
— — — do — — —					
(i) 600 mm equilateral					
triangle board - do -					
amt = 20 No. P- (6)					
itm - 13 (i) @ Rs 3651.18 / H					
				2 Rs	73024 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(ii) 600mm circular board					
— do —					
ent = 8 No. P- (6)					
itm - 13(ii) @ Rs 3750.53					
				= Rs	30004:
(iii) 600mm x 450mm					
rectangular board					
— do —					
ent = 8 No. P- (6)					
itm - 13(iii) @ Rs 621.41					
				= Rs	289712
(14) Boundary pillar					
— do —					
ent = 12 No. P- (7)					
itm - (14) @ Rs 506 = Rs 6072:					
(15) Planting of trees by the road side - do -					
ent = 70 No. P- (7)					
itm - (15) @ Rs 800.30/H					
				= Rs	56021:
(16) Road marking with hot applied Thermoplastic compound - do -					
ent = 300 m ² P- (7)					
itm - (16) @ Rs 735.40/m ²					

Continuation = Rs 220620:

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17) Providing & fixing of typical masonry informatory sign board with logo — do —					
ent = 4 No. P- (7)					
itm - (17) @ Rs 9330.68/H					
				2 Rs	37323=
(18) Brick masonry in cement mortar — — do —					
ent = 2.88m ² P- (7)					
itm - (18) @ Rs 5102.55					
				7 Rs	14695=
(19) Plastering with cement mortar on brick work — — do —					
ent = 20.16m ² P- (8)					
itm - (19) @ Rs 147.34					
				2 Rs	2970=
(20) Painting two coats on new concrete surface — — do —					
ent = 58.560m ² P- (8)					
itm - (20) @ Rs 95.63/m ²					
Continuation = Rs 5600=					

s/o Total Rs 2011472=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/F Ps		3016432
					/
			Total Ps		3016432
Add WST-12-1. (F) Ps					361972
Add Labour and 1-1. (F) Ps					30164
			Total Ps		3408568

using
02/01/2022
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material statement

①	E/W =	630 m ³	
②	stone metal =	155.149 m ³	
③	Local sand =	21.628 m ³	
④	stone screening =	25.194 m ³	
⑤	Bitumen emulsion		
	SS-1 =	0.77217 MT	
⑥	Bitumen emulsion		
	RS-1 =	1.52533 MT	
⑦	Bitumen material		
	UG-10 =	18.1377 MT	
⑧	Coarse sand =	0.706 m ³	
⑨	Bricks =	1440 No.	

⑩ Stone chips = 228.472 m³
using
02/01/2022
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Continuation