

MMGSY(NDB-Brics)

MMGSY NDD-BRRP-400 Masa

PitanPun Manjhauli Path to Rajputana.

'Schedule XLV-Form No. 134

03/5BD/23-24

Amritsar Construction DIVISION

Kashmiri ghat SUB-DIVISION

PUNPUN

1312

Measurement Book

Ref No - 20240111068490

Date 11.01.24

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Sch. XLV-Form No. 134

Sch. XLV-Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
Order and Final Bill					
W/O 8 -	Consist of Rd from Purnima				
Approx hauls	Path to Rarpurana talu.				
Agreement No -	03/SB/2023-24				
Start date -	03/07/23				
Completion as per CA -	02/7/24				
Agency -	Ammittour Const				
Work details					
Item (1)	Prime coat SS-1 @ 0.70				
	- 1.00 kg/m ² etc				
complete					
Ref MB P/NO (4) / Item (9)					
BT area WBM III					
$4.32 + 126.56 + 2.44 + 1.80$					
$= \frac{135.12 \text{ m}^3}{0.075}$					
Area = 1801.60 m ²					
Item (2)	Tack coat RS-1 @ 0.25 - 0.30				
Reg too	etc complete				
Ref item (1) P/NO (12)					
Area - 1801.60 m ²					
Item (3)	MS 20mm thick providing				
laying and rolling of close etc					
complete					
Ref item (1) P/112					
Area - 1801.60 m ²					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (04) Road marking with Hot Applied thermoplastic compound on BT Surface — etc complete.					
	14 Nos	30	2	0.100	= 84 m ²
	2 Nos	15	2	0.100	= 6 m ²
					<u>90 m²</u>
Item (05) Road marking with Hot Applied thermoplastic compound on RCC Area Pavement — etc					
	02	30	2	0.100	= 12 m ²
	01	26	2	0.100	= 5.2 m ²
					<u>17.2 m²</u>
Item (06) Kilometer Stone M15 Precast RCC					
					= 02 Nos
Item (07) 200 mm stone M15 grade					
					= 03 Nos
Item (08) Providing and Fixing Logo number Precast Sign / Logo Board — etc complete					
					= 02 Nos
Item (09) Boundary Pillar RCC M15 Grade Boundary Pillar — etc Complete					
					10 + 16 + 4 = 30 Nos

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (10) Traffic Sign Board					
600 mm equilateral triangle					
				= 10 Nos	
Item (11) Traffic Sign Board					
600 mm circular Speed Limit Board					
				= 02 Nos	
Item (12) Traffic Sign Board					
600 mm x 450 mm rectangular Board					
				= 01 Nos	
Item (13) Traffic Sign Board					
900 mm octagon Board					
				= 01 Nos	
Item (14) Traffic Sign Board					
900 x 300 mm Hazard Markers					
				= 04 Nos	
<u>Earthwork calculation</u>					
CH	Full area (m ²)	Mean Area (m ²)		Volume (m ³)	
0	7.183				
50	9.328	8.230		411.522 m ³	
100	9.076	9.202		460.093	
150	7.615	8.346		417.029	
200	8.447	8.031		401.564	
250	8.014	8.231		411.537	
300	2.260	5.137		256.855	
350	8.071	5.166		258.27	

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH	Area (m ²)	Mean Area (m ²)		Volume m ³	
400	1.658	4.364		243.224	
450	7.530	4.594		229.681	
500	0.189	3.849		192.48	
536	0.836	0.503		18.090	
Including crest total				3300.594 m ³	
less	Grass box I	(-)		417.07 m ³	
	Grass box II	(-)		158.40 m ³	
Grass	PEC Right	(-)		52.10 m ³	
(80 x 60 x 0.020) RT		(-)		36.03 m ³	
	Net	Box		- 2636.99 m ³	
Const of Embankment of y				2636.99	
Subgrade (Shed) (-)				1517.49	
				<u>1119.50 m³</u>	
Item (15)	Const of Embankment 100 mtr lead				
	1119.50 x 45.08% = 504.67 m ³				
Item (16)	Const of Embankment 100 mtr lead				
	1119.50 x 54.92% = 614.83 m ³				
Item (17)	Const of Subgrade & Barren Shoulder				
Ref MBP/9 item (17)				= 1517.49 m ³	

Continuation

12/3/24
R/S

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Abstract of cost				
Item (01) BOB (09) Prime cost SS-1 @ 0.70 — 1 kg/m ² Ref MB P/NO (12)					
1801.60 m ² @ Rs 60.07/m ² Rs 1,08,222/-					
Item (02) BOB (10) Trade coat RS-1 @ 0.25 to 0.30 kg/m ² Ref MB P/NO (12)					
1801.60 m ² @ Rs 20.48/m ² Rs 36897/-					
Item (03) BOB (11) MSS 20 mm thick Ref MB P/NO (12)					
1801.60 m ² @ Rs 26.18/m ² Rs 470542/-					
Item (04) BOB (24) Rd marking with Hot applied thermoplastic on RT surface Ref MB P/NO (13)					
90 m ² @ Rs 822.97/m ² Rs 74067/-					
Item (05) BOB (25) Rd marking with Hot applied thermoplastic on LC surface Ref MB P/NO (13)					
17.20 m ² @ Rs 855.49/m ² Rs 14714/-					
Item (06) Kilometer stone Ref MB P/NO (13)					
02 Nos @ Rs 2858.80/each Rs 5718/-					
Item (07) 200 mm Stone Ref MB P/NO (13)					
03 Nos @ Rs 803.90/each Rs 2412/-					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (68) Requiring and fixing masonry					
Logo 1 for roof Board					
Ref MB Plan (13) 8 items plus					
2 + 2 = 4 Nos					
04 Nos @ Rs 1110.39 / Each					B 44405 f
Item (69) Boundary Pillar RCC No. 15					
Ref MB Plan (13)					
30 Nos @ Rs 654.55 / Each					A 19636 f
Item (10) 600 mm eq u/lateral forlaye					
Ref MB Plan (14)					
10 Nos @ Rs 4184.53 / Each					B 41845 f
Item (11) 600 mm circular steel					
Ref MB Plan (14)					
02 Nos @ Rs 5612.12 / Each					B 11224 f
Item (12) 600 X 450 mm rectangular Board					
01 Nos @ Rs 5465.99 / Each					B 5466 f
Item (13) 900 mm octagon Board					
01 Nos @ Rs 9984.80 / Each					B 9984 f
Item (14) 900 mm X 300 mm Hazard marker					
Ref MB Plan (14)					
04 Nos @ Rs 5346.24 / Each					B 21385 f
Item (15) Const of Embankment with					
approved material — 100 meter					
Lead — etc complete					
Ref MB Plan (15)					
504.67 m ³ @ Rs 217.24 / m ³					B 109634 f

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (16) Const of Embankment with approved material 1000 mtr lead					
Ref M B P/NO (15)					
614.83 m ³ @ Rs 2580.51/m ³					Rs 158940/-
Item (17) Const of subgrade & borders Shoulder ————— & complete					
Ref M B P/NO (15)					
1517.49 m ³ @ Rs 259.88/m ³					Rs 393606/-
Item (18) BOB (01) Working Benchmark					
Ref item (05) P/08					
01 nos @ 4401.61/ea					Rs 4401/-
Item (19) BOB (02) Ref Pillar					
Ref item (02) P/08					
02 nos @ Rs 8141.08/ea					Rs 162825/-
Item (20) BOB (03) clearing & grubbing Rd land					
Ref item (09) P/08					
0.38 Ha @ Rs 72697.86/Ha					Rs 276257/-
Item (21) BOB (07) GRS Cor-I					
Ref item 08 P/NO 09					
417.007 m ³ @ Rs 3086.89/m ³					Rs 1287365/-
Item (22) BOB (08) LRS Cor-III					
Ref item (09) P/NO (09)					
158.40 m ³ @ Rs 4475.10/m ³					Rs 7,08,859/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (23) BOB (12) Const of Dec Rigid Permanent 10130					
Ref item (16) P/N (09)					
52.10 m ³ @ Rs 7952.15/m ³					B 4,14,307/-
Item (24) BOB (10) Providing and laying 300 mm dia cable duct Ref item (11) P/N (09)					
10 km @ Rs 983.44 / km					B 9834/-
Item (25) BOB (28) Earth work for excavation for culvert					
Ref item (12) P/N (09)					
29.40 m ³ @ Rs 383.28/m ³					B 1,12,88/-
Item (26) BOB (29) Dec 10105 m Foundation kneeling course					
Ref item (13) P/N (10)					
4.54 m ³ @ Rs 6710.79/m ³					B 30,467/-
Item (27) BOB (30) Plain cement concrete M20 in substructure					
Ref item (14) P/N (10)					
33.65 m ³ @ Rs 7551.40/m ³					B 254,104/-
Item (28) BOB (31) Providing & laying RCC 1000 mm dia pipe Ref item (15) P/N (10) Item (15)					
7.50 km @ Rs 7053.22 / m					B 52,899/-

Continuation

Continuation