

W/Gshore) - Chamuchak - 6th to Manjhauli
Chowk

length: - 0.850 km.

Schedule XLV Form No. 134.

MMSY NDB
Boicles

W/cont: - Baithath Nimmam India (144).

Ag no: - 05/SBP/2024-22

DIVISION

21210 316101 - 3444

SUB-DIVISION

Measurement Book

M.B No: - 1244

Sch. XLV-Form NO. 15					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
	02m	A/C	8	From Ball	
NOTE:-	Const of Rd from Chamuchak				
	ghat to Mathauli Chowk in Purnia				
	Briar under N.D.B BRCS				
Aggr No-	05/S.D. 2021-22				
Agency :-	Bairataran Nirmal India Pvt Ltd				
Start date -	09/6/2021				
As per Aggr completion date -	8/6/2022				
Work details					
Item (a) Boulding laying & compaction					
as per Item-3 etc complete					
Volume of boulding					
PC Part -	12	X	$\frac{3.75 + 3.90}{2}$	X 0.075 =	3.44 m ³
			(4.20)		
	8	X	$\frac{3.90 + 4.20}{2}$	X 0.075 =	2.43 m ³
	18	X	3.750	X 0.075 =	5.13 m ³
	9	X	$\frac{3.55 + 3.65}{2}$	X 0.075 =	2.43 m ³
	14	X	3.75	X 0.075 =	3.94 m ³
Remble	15	X	$\frac{5.65 + 4.4 + 3.75}{3}$	X 0.075 =	5.18 m ³
			3		
	2 Nos	X	$\frac{4.2 + 3.90 + 4.00}{3}$	X 0.075 =	4.24 m ³
	1	X	$\frac{3.90 + 4.10}{2}$	X 0.075 =	1.80 m ³
	6 Nos	X	3.75	X 0.075 =	5.06 m ³
	1	X	25	X 0.075 =	7.03 m ³
				Total	86.25 m ³

Item (3)	Polime coat RS-10	0.70-1 kg/m ²
	etc complete	
✓	15 x $\frac{3.65 + 4.4 + 3.75}{3}$	= 69 m ²
✓	2 x 7 x $\frac{4.2 + 3.9 + 4}{3}$	= 56.47 m ²
✓	1 x 6 x $\frac{3.9 + 4.10}{2}$	= 24 m ²
✓	6 Nos x 30 x 3.75	= 675 m ²
✓	1 Nos x 25 x 3.75	= 93.75 m ²
	Total	918.22 m²
Item (4)	Rock coat RS-10	0.25-0.50 kg/m ²
	Qty same as item (3) above	
		= 918.22 m ²

90,147 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$2 \times 13 \times 30 \times 0.50$ (Avg) $\times 0.075$					$= 29.25 \text{ m}^3$
$2 \times 13 \times 30 \times 0.50$ (Avg) $\times 0.160$					$= 62.40 \text{ m}^3$
				Total	232.89 m^3
				for Total	232.89 m^3
Item (10) Hard Shoulder by Beriber on edge					
at TS 412					
$2 \times 13 \times 30 \times 0.250$					$= 195 \text{ m}^2$
Item (11) Kilometer stone RCE M-15					
					$= 02 \text{ Neg}$
Item (12) 200 m to stone					
					$= 02 \text{ Neg}$
Item (13) Providing and from M-15					
typical Board for main Board					
etc. etc.					$= 01 \text{ Neg}$
S&F					
Item (14) Traffic Signs Board 600 mm					
equilateral triangle					$= 06 \text{ Neg}$
S&F					
Item (15) Traffic Sign Board					
600 mm circular Speed Limit Sign					
					$= 04 \text{ Neg}$
S&F					
Item (16) 600 x 450 mm rectangular					
Board					$= 02 \text{ Neg}$

⑦ For subgrade

(12) WBAH 0708-3

(b) Rigid pavement M-30

(c) MSS counter

(5) Bee broke edge 30/17

Total Rs. 16984/-

Parysh
612123
√E

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Abstract of cost				
Item (01) Providing laying compacting					
WBM 3 — etc complete					
Ref MB P 16/01 and P-12/08					
$860.25 + 138.07 = 224.32 \text{ m}^3$					
$224.32 \text{ m}^3 @ \text{Rs } 3536.83/\text{m}^3$					Rs 793382/-
Item (02) Cement concrete pavement					
M-30					
Ref this MB P 17/02 and 13/09					
$36.90 + 245.30 = 282.20 \text{ m}^3$					
$282.20 \text{ m}^3 @ \text{Rs } 6311.95/\text{m}^3$					
					Rs 1781232/-
Item (03) Prime coat SS-1					
Ref MB Page 17/03					
$918.22 \text{ m}^2 @ \text{Rs } 43.58/\text{m}^2$					Rs 40016/-
Item (04) Tack coat RS-1					
$918.22 \text{ m}^2 @ \text{Rs } 14.74/\text{m}^2$					
					Rs 13535/-
Item (05) Mass 20 mm thick					
Ref this MB P 18/05					
$918.22 \text{ m}^2 @ \text{Rs } 196.75/\text{m}^2$					Rs 180660/-
Item (06) Rd marking Hot Thermoplastic on BT surface					
Ref MB P No 18/06					
$48 \text{ m}^2 @ \text{Rs } 722.30/\text{m}^2$					Rs 34670/-

Continuation

C/o 28,43,495/-

Sch. XLV-Form No. 134 B/A 2843495/

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (7) Road marking with Hot thermoplastic on rigid pavement					
Ref MB P/NO 18/07					
89 m ² @ Rs 753.08/m ²					
					B 62506/-
Item (8) Painting of Parapet of HPE with epoxy — etc complete					
Ref MB page 18/08					
21.92 m ² @ Rs 147.09/m ²					B 3224/-
Item (9) const of subgrade & Earthen shoulder					
Ref MB 18 & 19/09 and 12/08					
238.69 + 157.50 = 396.19 m ³					
396.19 m ³ @ Rs 220.58/m ³					
					B 87392/-
Item (10) Hard shoulder by BRS					
Ref MB P/NO 19/10					
195 m ² @ Rs 485.03/m ²					B 94581/-
Item (11) Ordinary Kilometer Stone					
Ref MB P/NO 19/11					
02 Nos @ Rs 2201.24/ea					B 4402/-
Item (12) 200 mtr Stone					
Ref MB P/NO 19/12					
03 Nos @ Rs 614.58/ea					B 1844/-

Continuation 40 B 30,97,444/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (13) Boundary of Panchayat	Procedly				Ref
Main	Logo	21/20	3	1/20	Bound
Ref	M.B.	13/13		13/13	
	01 + 0.2 = 03 Neg				
03 Neg @ Rs	7419	03/16			Rs 222.59/-
Item (14)	Bottom equilateral triangle				
06 Neg @ Rs	3458	078/16			Rs 207.52/-
Item (15)	600 m circular spread point				
Ref	Ref	M.B.	P.N.O	19/15	
04 Neg @ Rs	4633	0.5/16			Rs 18532/-
Item (16)	600 x 500 m rectangular				Bound
Ref	Ref	M.B.	P	19/16	
02 Neg @ Rs	4512	088/16			Rs 9026/-
Item (17)	Boundary Pillar				
Ref	Ref	M.B.	P	20/17	
10 Neg @ Rs	516	14/16			Rs 5161/-
Item (18)	Plan of lines & the marking				
Ref	Ref	M.B.	P	20/18	
13 Neg @ Rs	1150	18/16			Rs 20703/-
Item (19)	Const of Ref and weekly Bench				
Mark	Pillar				
Ref	T.M.B.	P/11			Item (11)
0.781 km @ Rs	1110	0.77/16			Rs 8670/-

Continuation

C/O Rs 32,08,547/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (20) clearing and grubbing of land					
Ref TMB P 11 Item (02)					
0.298 ha @ Rs 52988.20/ha Rs					15790/-
Item (21) Excavation of roadway					
— etc compen					
Ref TMB Page 12 Item (03)					
35.70 m ³ @ Rs 75.57/m ³ Rs					2698/-
Item (22) Const of Embankment with 1000 mtr lead material					
Ref TMB P-12 item 04					
807.11 m ³ @ Rs 222.60/m ³ Rs					179663/-
Item (23) Const of Embankment with lead up to 100 mtr					
Ref TMB P 12 item 05					
1883.27 m ³ @ Rs 185.15/m ³ Rs					348687/-
Item (24) Const of GRS (m-1)					
Ref TMB P-12 Item 07					
368.53 m ³ @ Rs 2679.09/m ³ Rs					987325/-
Item (25) Also increase item for HPC					
Ref TMB P 13 Item 11					
18.83 m ³ @ Rs 305.42/m ³ Rs					5690/-

131F 47 42 400 f

Continuation
49
06-02-07

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Material statement					
For this Bill only					
Conthracore	-	238.69	m ³		
Stone metal	-	104.36	m ³		
Stone screeny	→	20.07	m ³		
Stone chips	-	24.79	m ³		
Stone agg for CC	-	33.21	m ³		
Coarse sand	-	16.61	m ³		
Cement	→	11.43	MT		
Emulsion SS-1	→	780.49	kg		
Emulsion RS-1	→	252.51	kg		
Bitumen	→	1744.62	kg		
Bricks	-	10488	nos		

6/2/23
AE

Sample
10612123
NE