

HEAD - 1777-1578 (L)

Name of work - एम० एम० जी० एम० वार्ड अन्तर्गत बहपुरा जोड़मा
पी० एम० जी० एम० वार्ड रोड से पासवान ठाका
तक पथ निर्माण एवं मोड़ करीब २५ अकार काम

10/10/20
अ. 2)

Measurement Book

Schedule XLV-Form No. 134

Name of A.E. Mr. Ramesh Kumar Singh, Bihra DIVISION Dumraon

Bihra SUB-DIVISION

Measure - अपीस कुमा 01810 - 140

me of Work -
 uation of work -
 gency by which work is executed -
 ate of measurement -
 o. and date of agreement -
 hese four lines should be repeated at the commencement
 the measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work -					
Bakura Goraia pmsy					
Rd to farwan p/a.					
Agency - AJIT KUMAR.					
App. No: - 09/SBD/2020-21/17-9-20					
Work start date: - 17/9/2020					
Dt of Completion ->					

Calculation of Earth work chart:-

Sl. No.	chain	Area	Mean Area	Dist.	Volume	
					100m	1000m
1	0	0.577				
2	50	0.394	0.486	50	24.775	
3	100	0.282	0.338	50	16.900	
4	150	0.543	0.413	50	20.625	
5	200	0.758	0.651	50	32.525	
6	250	0.483	0.621	50	31.025	
7	300	0.445	0.464	50	23.200	
8	350	1.071	0.758	50	37.900	
9	400	1.350	1.211	50	60.925	
10	450	1.005	1.178	50	58.825	
					165.45	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
<u>Abstract of cost</u>					
① Construction of Fencham and Reference Pillar.					
do. do. job					
only side item H.R. Page (39)					
0.84 km @ Rs 11768.47/m					
→ Rs 9889.52					
② clearing and grubbing road land including uprooting wild vegetation					
goads. do. do. job					
only side item H.R. Page (40)					
0.136 Hec @ Rs 5176.75/Hec					
→ Rs 704.23					
③ Construction of embankment with approved material deposited at site from roadways. do. do. job					
only side item H.R. Page (40)					
2 in 1000m band					
3 M. 65 M ³ @ Rs 176.16/M ³					
→ Rs 689.13					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of Cost</u>					
① Construction of Benchmark and Reference Pillar. -					
do - do - do					
Qty vide item M.B Page (39)					
0.84 km @ Rs 11868/- of Km					
→ Rs 9969 = Rs					
② Clearing and grubbing road land including up-staking 1-1/2 ft vegetation					
grass. do - do - do					
Qty vide item M.B Page (40)					
0.536 Hec @ Rs 5116/- 75/Hec					
→ Rs 27423 = Rs					
③ Construction of embankment with approved material deposited at site from roadway. do - do - do					
Qty vide item M.B Page (40)					
1) for 1000m length					
3.95.65 m ³ @ Rs 176.80/m ³					
→ Rs 68913 = Rs					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) for 100 m road:-					
710.27 M ³ @ Rs 139.79/M ³					
→ Rs 99289 = ₹					
(4) Construction of Subgrade and earthen shoulders with approved material obtained from borrow pits -					
do - do - Job.					
only vide item N.B Page (40)					
1366.32/M ³ @ Rs 161.56/M ³					
→ Rs 220743 = ₹					
(5) GSB Gr-1:-					
Construction of granular Subgrade by providing well graded - do - do					
Job					
only vide item N.B Page (44)					
482.73 M ³ @ Rs 2589.55/M ³					
→ Rs 1250053 = ₹					
(6) WBM Gr-3:-					
Providing, laying spreading and compacting Stone aggregates of Sp. Size to 100mm Band macadam					

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

- do - do - Job

Qty vide item M.B Page (41)

~~228.985~~

228.985 M³ @ Rs 93698.94/M³

Rs 847011 = 00

(7) E/W in excavation of
foundⁿ of structure as
per drawing - do - do -
- Job.

Qty vide item M.B Page (41)

2.52 M³ @ Rs 274.73/M³

Rs 9673 = 00

(8) Providing concrete for
plain concrete in open
foundⁿ - do - do - Job
Qty vide item M.B Page (42)

2.9 M³ @ Rs 4908.71/M³

Rs 14235 = 00

(9) Providing concrete for
plain/reinforced concrete in
open foundⁿ - do -
- do - Job

Qty vide item M.B Page

(42)

Continued

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
19.84 m ³ @ Rs 5349.62/m ³					
→ Rs 106196 = 00					
(10) Plain/reinforced Cement Concrete in structure complete as per drawing - do - do - Job					
Qty vide item No. 8 Page 42					
6.81 m ³ @ Rs 5554.70/m ³					
→ Rs 37827 = 10					
(11) Providing & laying					
ISI Mark Cement Concrete in structure complete as per drawing - do - do - Job					
Qty vide item No. 8 Page 42					
(12) Providing & laying ISI Mark Cement concrete base pipe on first class bedding - do - do - Job					
Qty vide item No. 8 Page 42					
15m @ Rs 1138.67/m					
→ Rs 17080					
Rs 2708352 = 00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) Prime Coat:-					
Providing and applying					
prime coat with					
bitumen emulsion (SS-1)					
on prepared surface					
of granular base --					
- do - do - job					
only vide item no B page (43)					
1701 M ² @ Rs 42.52/M ²					
→ Rs 72327 = 00					
(13) Jack Coat:-					
Providing and applying					
Jack Coat with bitumen					
emulsion (SS-1) on					
emulsion -- do - do - job					
only vide item no B page (43)					
1701 M ² @ Rs 14.45/M ²					
→ Rs 24579 = 00					
(14) Mix Seal Surface:-					
Providing, laying and rolling					
of close graded premix					
surfacing material of					
20 mm thickness -- do --					
- do - job					
only vide item no B page (43)					
1701 M ² @ Rs 204.22/M ²					
→ Rs 347378 = 00					
Rs 17636 = 11					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
(15) Cement concrete pavement:-					
Construction of unreinforced					
dowel jointed at expansion					
and construction joint-					
only - - do - do - Job					
Qty vide item MB Page (14)					
236.76 M ³ @ Rs 595.37/M ³					
→ Rs 1419463 = w					
(16) Brick setting:-					
Laying brick setting layer					
on prepared subgrade					
Subgrade with brick					
on existing d/c to line					
1 graded - - do - do - Job					
Qty vide item MB Page (14)					
do vide item MB Page (14)					
155 M ² @ Rs 468.85/M ² → Rs 72672 = w					
(17) Kilometre Stone:- REC MIS					
grade Kilometre Stone local					
Stone at standard station					
- do - do - Job					
Qty vide item MB Page (35)					
Qty vide item MB Page (35)					
1 Kilometre Stone.					
02 No. @ Rs 2171.22/No					
→ Rs 4214 = w					
Rs 46489.15 = w					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) 200m Stone					
4 Nos @ Rs 590.85/No					
→ Rs 2363 = 10					
(18) Boundary Pillar:- RLC					
MIS grade boundary					
pillory / local stone of					
standard design - do -					
do. job					
Qty vide item M-B Page (36)					
19 Nos @ Rs 483.52/No					
→ Rs 9328 =					

(19) painting two coats					
in new concrete surface					
including two coats include					
primer coat after filling					
the surface - do - do - job					
Qty vide item M-B Page (15)					
16.12 M ² @ Rs 9719/M ²					
→ Rs 1567 = 10					

(20) Retro reflectorised					
Traffic sign:-					
Providing and fixing of					
retro reflectorised contour					
mandatory and information					
sign as per IRC 67					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
-- do -- do Job					
Qty ride item M.B Page (46)					
1600 mm circular.					
4 Nos @ Rs 4459.52/No.					
→ Rs 17838 = 00					
ii) 600 mm equilateral triangle					
8 Nos @ Rs 3334.78/No.					
→ Rs 26678 = 00					
iii) 600 mm x 450 mm rectangular					
4 Nos @ Rs 434439/No.					
→ 17378 = 00					
iv) 900 mm side octagon					
2 Nos @ Rs 7904.76/No.					
→ Rs 15808 = 00					
(21) Road marking on BT front					
providing and laying hot					
applied thermoplastic compound					
2.5 mm thick -- do -- do --					
-- Job.					
Qty ride item M.B Page (46)					
85.8 M ² @ Rs 73879/M ²					
→ Rs 63856 = 00					
Rs 4803561 = 00					

~~Attested~~
~~Am.~~
~~30/12/22~~

20/12/2022
JE Bilal