

on Harrison

on Harrison Construction

Ag No 49 (S.D.) / 2020.2

Bordlin to Jighaut Awar Road

Schedule XIV-Form No. 134

Head. MM 6154 (S 2)

R. W. D. Jami

DIVISION

Aliganj

SUB-DIVISION

MEASUREMENT BOOK

MB No- 2803

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 Road:-	Bardih to				Dighout
Ahar					
Agency:-	Om Hari Om Construction				
Est. Ltd. - At -	Pathara				English
PO -	Oranpur				Dkt Nawada
Ag No	49 (SBD)				2020-21
Constn C/L B	100	71	567	= 0	
		18	15667	= 0	
Maull C/L B					
		B	1188	7234 = 0	
Date of Commencement					20.08.2020
Date of Completion					19.08.2021
Date of Entry					
1. Plv 2 fixing working benchmarks					
Pillar 2 NOS					
		2 KM			
2. cleaning & grubbing of Road					
land including uprooting					
wild materials vegetation					
grass bushes shrubs saplings					
& trees of girth up to					
300mm Removal of stumps					
of such trees Cut-Parlier					
& disposal of unserviceable					
material & stacking of					
Serviceable materials do					
do-all complete to					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
H.W. -	2	6.150	0.825	3.180	$32.269 M^3$
Parapet -	2	6.150	0.400	0.00	$4.920 M^3$ $37.189 M^3$
less for pipe	2	0.7857	1.23	0.62	$1.478 M^3$ $35.711 M^3$
					$5 M^3 \times 35.711 M^3 = 178.555 M^3$
<u>6</u> 36 pipe laying R.C.C pipe No 3 for					
current on 1st class bedding					
At P.C.C 10 material in					
single R.C.C					
	3	2.50	$7.50 M^2$		
			$50 M^2 \times 7.50 M^2 = 3750 M^2$		

<u>7</u> 37 Painting two coats on					
Parapet walls including					
primer coat after filling					
the surface with Synthetic					
enamel paint-					
Top -	2	6.150	0.40	$4.92 M^2$	
Side	4	6.150	0.600	$14.76 M^2$	
Front	4	0.40	0.60	$0.96 M^2$	
				$20.64 M^2$	
				$5 M^2 \times 20.64 M^2 = 103.20 M^2$	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5 42 Blw in C-M (1.4) in					
Sub structure 2 Kurb					
Abt - $2 \times 7.500 \times 0.917 \times 1.300 = 17.872 M^3$					
R/Wall - $4 \times 1.984 \times 0.66 \times 1.560 = 8.169 M^3$					
					26.041 M ³
6 43 p.c.e / R.c.e m-70 in					
Sub-structure					
Abt Cap. $2 \times 7.500 \times 0.700 \times 0.200 = 2.100 M^3$					
Dirt Wall - $2 \times 7.500 \times 0.400 \times 0.210 = 1.260 M^3$					
R/Wall Roofing $4 \times 2.200 \times 0.400 \times 0.180 = 0.528 M^3$					
					3.888 M ³
7 44 p.v Bitumen painting water					
Top Surface of Abt Cap & inner vertical surface of Dirt Wall including Heeling the bitumen & Cost of painting					
Abt Cap. $2 \times 7.50 \times 0.700 = 10.500 M^2$					
Dirt Wall - $2 \times 7.50 \times 0.210 = 3.150 M^2$					
					13.650 M ²
8 45 R.c.e m-25 in Deck-slab					
p.v & laying R.c.e in s/s					
$1 \times 7.50 \times 2.060 \times 0.210 = 3.244 M^3$					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
For New Construction (B.T. Road)					
10x30.0x	7.2	8.40	x 0.30	2	702.0 M ³
		2			
10x30.0x	7.2	8.40	x 0.30	2	702.0 M ³
		2			
10x30.0x	7.2	8.40	x 0.30	2	702.0 M ³
		2			
10x30.0x	7.2	8.40	x 0.30	2	702.0 M ³
		2			
10x30.0x	7.2	8.40	x 0.30	2	702.0 M ³
		2			
10x30.0x	7.2	8.40	x 0.30	2	702.0 M ³
		2			
					4212.0 M ³

Record Entry:-

1 Construction of G.S.B. g.s. 1

10

by providing well graded material spreading in uniform layers with tractor mounted grader.

$$2 \times 4 \times 1.15 \times 0.200 = 1.84 \text{ M}^3$$

$$A 2 \times 6 \times 0.75 \times 0.200 = 1.80 \text{ M}^3$$

$$3 \times 15 \times 50.575 \times 0.200 = 16.12 \text{ M}^3$$

$$10 \times 30.0 \times 4.05 \times 0.200 = 243.0 \text{ M}^3$$

$$10 \times 30.0 \times 4.05 \times 0.200 = 243.0 \text{ M}^3$$

$$1 \times 15 \times 50.575 \times 0.200 = 15.17 \text{ M}^3$$

$$10 \times 30.0 \times 4.05 \times 0.200 = 243.0 \text{ M}^3$$

$$10 \times 30.0 \times 4.05 \times 0.200 = 243.0 \text{ M}^3$$

$$734.24 \text{ M}^3$$

$$1004.17 \text{ M}^3$$

Continuation

 All
 13.06.24
 28

2. WBM binding 3 (iii.)
" Piv laying spreading & compacting
Stone Aggregates of specific sizes
to WBM or 1/3 including spreading
in uniform thickness hand packed
rolling with smooth roller

for Bituminous Pavement (BT).

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3/14 Providing laying & rolling of close graded premium					
Subsiding material of 20 mm thickness composed of 13.2 mm to 0.9 mm Type B'					
Qty vide item No 2/13 P.No 13 in P.N. B					
					6816.80 M ²
4/18 Irrigation Conduit					
Div 2 laying of a R.C.C pipe duct 300 mm & across the road					
	8 N 5 X	7.50		60.00 M	
5/20 R.C.C 1M-15 grade boundary					
① 10 ¹⁰ 10 K.M local stone					
					3 N 7
6/21 ii 200 M stone Precast					
					8 N 3
7/25 600 mm equilateral triangle					
					8 N 5
8/24 600 mm circular					
					5 N 5
9/25 800 mm x 600 mm rectangular					
					8 x 1/5

Continuation

Continuation

Ist on A/c Bill

ABSTRACTS OF COST

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Road:-	Bardih to Aghour				Ahar
Agency:-	Om Hasi Ch Constn				
	Pvt. Ltd At Pathar English				
P.O.-	Orhampur Dist Nawada				
Ag No:-	49(BBD)/2020-21				
Constant Lm B	100	71	56	72	N
Maint Lm B	18	15	66	72	N
	B	118	87	234	N
Date of Commencement:-	20.08.2020				
Date of Completion:-	19.08.2021				
Date of Entry:-					
1. Riv & string of working					
Benchmark Pillar					
Stationed Page No. 1 in TMB					
2 KM					
CB 32618 = 781 KM					B 65238
2/2 cleaning & Grubbing Rd Land					
Stationed Page No. 2 in TMB					
0.70 Hae					
CB 51133 = 276 Hae					B 35794
3/3 91W in excavation in					
foundry trenches					
Stationed Page No. 2 in TMB					
148.99 M ³					
CB 294173/H					B 43912
					B 1449442 N

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		1212 B	144	944	2 W
$\frac{4}{34}$ PIV M-15 P.C.C (122.525)					
in open foundn					
Qty side Page No 2 in RMB					
		22.90 M ³			
@ B 4735 = 275/M ³				B 108	4492 W
$\frac{5}{35}$ P.C.C/R.C.C 14.20 in sub					
structure					
Qty side Page No 3 in RMB					
		178.555 M ³			
@ B 5860 = 65/M ³				B 10	46448 W
$\frac{6}{36}$ Laying R.C.C Pipe No 3					
for H.P culvert					
Qty side Page No 3 in RMB					
		37.50 M ³			
@ B 3379 = 26/M ³				B 12	6722 W
$\frac{7}{37}$ Painting two coats on					
Parapet					
Qty side Page No 3 in RMB					
		103.20 M ²			
@ 97 = 19/M ²				B	100302 W
$\frac{8}{38}$ 4W in excavation					
for structure					
Qty side Page No 4 in RMB					
		91.791 M ³			
@ B 2942 = 73/M ²				B 27	0542 W
				B 1463	6472 W

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BIFA 21495782 W
23 5 excavation for Road works in Soil with Hydraulic excavator At 0.90 ³ bulker Capacity including cutting & loading on tipper Sty nide Paper No 8 iten No 2 in T.M.B 14.97 M ³ @B 74216/M ³ B 11102					
24. Constn of embankment with material obtained from borrow pits a lift up to 1.5 m transporting to the site For lead up to 1000 M Sty nide Paper No 10 in T.M.B 8.75 M ³ @B 175224/M ³ B 15332 W					
25. For 100 M lead Sty nide Paper No 10 iten No 4/7 in T.M.B 30.75 M ³ @B 135212/M ³ B 41552 B 2156376					
					B 21563762 W

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		312 B	8073	765	= 20
38 26	600 mm x 450 mm Rectangular				
	Qty vide Page No. 15 in PMB				
	5 MS				
	QB 4545 = 04 each				B 2 27252
39 28	PIV & Laying of hot applied				
	thermo-plastic compound				
	2.5 mm thick including				
	reflectonising glass beads				
	Q 250 gms / M ² (B.T. Portland)				
	Qty vide Page No. 15 in PMB				
	360.00 M ²				

	QB 735 = 44/M ²				B 2647582
40	R.C.C. Boundary Pillar				
30	Qty vide Page No. 15 in PMB				
	48 MS				
	QB 4841 = 52 each				B 232572
41 31	PIV & erecting direction				
	& place identification				
	Sign Board				
	Qty vide Page No. 15 in PMB				
	No 13/31 in PMB				
	8 MS				
	QB 11641 = 60 each				B 931332
	Total B				847763822

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B/P B	84	776	381.0
42 Piv & fixing of typical					
32 MMB sy Informatory					
Sign Board					
Guide Page No 15 item					
No 13 in P/B					
		04 M			
CB 9292 = 85 each					B 37171.20
		B	85	148	091.0
ADD 12% GST		+ B	10	2177	72.0
ADD 1% L.C.D		+ B		8514	82.0
		B	96	217	342.0
Less 10% on per Agt CB			9621	73	200
			B 8659	561	20
Candp					B 8659561.0
58mm					
Alt					
15					
Material statement for this Bill					
EW + Sub grade :- $4212 + 39.50^3$ 4251.50m ³					
$1.25 \times 4251.50 \text{ m}^3$ 5314.375 m ³					
G/S B 85 1472.56 m ³					
53mm to 9.5mm = 883.53 m ³					
CB 5162421 m ³					