JHARUADANGIA TO IHARIBARI

Schedule XLV-Form No. 134

JHARUADANGA TO JHARIBARI (MNREGA)

R.W.D.W.D Kishanganj-2 **DIVISION**

Thakurganj **SUB-DIVISION**

Measurement Book

MOHAMMAD NADEEM AKHTAR

M.

MB NO. 1062

प्रमाणित किया जाता है कि इस मापि पुस्त में कुल 100 (एक सौ) मुद्रित दोहरे पृष्ट है। जो श्री आशुतोष कुमार सहायक अभियंता,ग्रा०का०वि०कार्य अवर प्रमण्डल ठाकुरगंज के नाम से निर्गत किया जाता है।

22/4/20

कार्यपालक अभियंता
ग्रा०का०वि०,कार्य प्रमण्डल
किशनगंज-2
22/4/20

Sch. XLV—Form No. 134

R.W.D.W Kishanganj-2 DIVISION

Thakurganj SUB-DIVISION

Measurement Book

No. 1062

Name of Officer Ashutosh Kumar
A.E R.W.D. Sub Division Thakurganj

Date of first entry ~~22-04-20~~

Date of last entry ~~21-04-21~~

1st on A/C Bill

1

Name to 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 measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W:- Constn. of Road from Bhaduadanga to Jharibari under MMGSY (ST) in Thakurmj					
Agreement no- 03/MMGSY(ST)/SBD/2020-21					
Agency - Md. Nachiom Akhter.					
Dt. of Commencement - 22-04-2020					
Dt. of Completion - 21-04-2021					
		measurement-			
		working benchmark Pillar @ 1 No Per km. with all comp. -			1.86 km
Ls.		clearing & Grubbing Road land with all comp.			
		2 x 30 x 30.0 x 1.20 =			720 m²
		2 x 10 x 30.0 x 1.15 =			690 m²
		2 x 10 x 30.0 x 1.0 =			600 m²
		2 x 10 x 30.0 x 1.30 =			780 m²
		2 x 10 x 30.0 x 1.10 =			660 m²
		2 x 10 x 30.0 x 1.0 =			600 m²
		2 x 2 x 30.0 x 1.10 =			132 m²
				Continuation	4182 m²
					=> 0.4182 Ha.

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
2 Nos H.P. Culvert 1000 mm ϕ					One Rows
CH- 188M & 730M					
1. E/W in Excavation in found. with all comp.					
H.W -	2	6.45	1.40	1.50	= 27.09 M³
Below Pipe -	1	4.85	1.53	0.36	= 2.70 M³
					29.79 M³
					29.79 × 2 Nos = 59.58 M³
2. P/L. M15 (PCC 1:2.5:5) as levelling course in found. Complete -					
H.W -	2	6.45	1.40	0.15	× 2 Nos = 5.418 M³
Below Pipe -	1	4.931	1.53	0.25	× 2 = 3.772 M³
					9.190 M³
less for Pipe.					
	2	0.25	0.7857	1.23²	× 5 Nos = (-) 3.26
					Net Qty - 5.92 M³
3. P/L. PCC M20 (1:2:4) in open found. comp.					
(i) H.W -	2	6.35	(1.25+0.40)/2	2.58	= 27.03 M³
(ii) H.W -	2	6.30+6.20/2	(1.25+0.40)/2	2.58	= 26.60 M³
Parapet -	2	2	6.35	0.40 × 0.60	= 3.048 M³
	2	1	6.25 (Av)	0.40 × 0.60	= 3.00 M³
less Pipe	2	2	0.7857	1.23²	× 0.622 = (-) 2.943 M³
					62.618 M³
					Unit Qty - 61.220 M³

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
4.	Prd. and laying RCC Pipe NP3 for culverts 1000mm dia all comp.				
	2 x 3 x 2.50 =				15.0 M
	~~Answer~~				
	10/05/20 J.E.				
	Recood Book.				
1.	Cost of embankment with material obtained from borrow pits with all comp.				
	(i) lead upto 100 M.				
	2 x 25 x 30.0 x 0.60 x 0.25 =				225.0 M³
	2 x 25 x 30.0 x 0.60 x 0.25 =				225.0 M³
	2 x 3 x 30.0 x 0.60 x 0.25 =				18.0 M³
	2 x 1 x 10.0 x 0.60 x 0.25 =				3.0 M³
					471.0 M³
	(ii) lead upto 1000 M Rigid Pavement.				
	2 x 8 x 30.0 x 0.60 x 0.20 =				57.60 M³
	2 x 1 x 20.0 x 0.6 x 0.20 =				4.80 M³
					62.40 M³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2.	Constn. of subgrade & earthen shoulder with approved material all comp.				
	10 x	30.0 x	6.0(av) x	0.30	= 540.0 M3
	10 x	30.0 x	5.50(av) x	0.30	= 495.0 M3
	10 x	30.0 x	6.0(av) x	0.30	= 540.0 M3
	10 x	30.0 x	6.0(av) x	0.30	= 540.0 M3
	10 x	30.0 x	5.50(av) x	0.30	= 495.0 M3
	3 x	30.0 x	6.0(av) x	0.30	= 162.0 M3
	1 x	10.0 x	5.0(av) x	0.30	= 15.0 M3
					2787.0 M3
	Kumar. 18/5/20 JE				
		Record Entry.			
1. 98/14	Constn. of granular sub-base by pro. well graded mat. all comp.				
	BT. Area.				
	15 x	30.0 x	4.05 x	0.20	= 364.50 M3
	15 x	30.0 x	4.10 x	0.190	= 350.55 M3
	15 x	30.0 x	4.10 x	0.20	= 369.0 M3
	8 x	30.0 x	4.15 x	0.20	= 199.20 M3
	1 x	10.0 x	4.05 x	0.20	= 8.10 M3

PCC Area 8 x 30.0 x 3.80 x 0.10 = 91.20 M3
1 x 20.0 x 3.75 x 0.10 = 7.50 M3

Continuation

1390.05 M3

Kumar. 11/6/020 JE.

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1.	Providing laying spreading and comp WBM gr-3 with all comp-				
	5 ×	30.00 ×	3.75 ×	0.075	= 42.1875 m³
	5 ×	30.0 ×	3.75 ×	0.075	= 42.1875 m³
	5 ×	30.0 ×	3.75 ×	0.075	= 42.1875 m³
	5 ×	30.0 ×	3.75 ×	0.075	= 42.1875 m³
	5 ×	30.0 ×	3.75 ×	0.075	= 42.1875 m³
					210.935 m³
	[signature] 20/6/20				
				[signature] 20/06/20	AE

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	ABSTRACT OF COST				
1/1.	P/L & fixing of working benchmark pillars 01 Nos per KM all comp.				
	vide TMB p.no-(1)				
	9tem ① 1.86 KM.				
	@ 3904.23/KM				7262:00
2/3.	clearing and grubbing road land (By manual means) with all comp.				
	vide TMB p.no-①				
	9tem ② 0.4182 Ha.				
	@ 49496.70/Ha				20699:00
3/5.	Constn. of embankment with material obtained from borrow pits with lead up to 1000 M.				
	vide TMB p.no-(3)				
	9tem 1(ii) 62.40 M³				
	@ 175.32/M³				10940:00
				Rs-	38901:00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F. Rs-		3890/=00
4/6.	Constn of Embankment with material obtained from borrow pits with lead up to 100 M. vide TMB P.no-(3) Item 1(i) 471-0M³ @ 141.39/M³				66595=00
5/7.	Constn of subgrade & Earthen shoulder with approved material obtained from borrow pits [illegible] 1000M all comp. vide TMB P.no-(4) Item(2) 2787-0 M³ @ 176.96/M³				493187=00
6/(9&14)	Constn of granular sub-base by providing well graded material with all comp. (G.S.B grd-I) vide TMB P.no-(4) Item 1/(9&14)-1390.05M³ @ 2024.20/M³				2813739=00
					Rs.3412422=00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F.Rs-3,12,422=00
7/29.	E/W in excavation for found? of structures with all comp. vide TMB p.no (2)				
	q/u (1)	59.58			
	@ 260.59/M³ — Rs				15526=00
8/30.	P/R. PCC M15 (1:2.5:5) as levelling course in found? all comp. vide TMB p.no-(2)				
	q/u (2)	5.92			
	@ Rs 5727.79/M³ — Rs				33907=00
9/31.	P/R. PCC (M20) in open found? with all comp. vide TMB p.no-(2)				
	q/u (3)	61.220			
	@ Rs 6460.38/M³ — Rs				395504=00
10/32.	P/R and laying RCC Pipe NP3 for culverts 1000 mm dia single Row all comp. vide TMB p.no-(3)				
	q/u (4)	15.0M			
	@ Rs 4068.59/M — Rs				61479=00

Continuation

Rs-39,18,840=00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F. Rs.		39,18840:00
4/10-	Providing laying spreading and Compacting WBM-gr-3 with all comp. vide MB P.no.-(5)				
	9+002 (1) 270.935m³				
	@ 4729.63/m³				997645:00
					Rs-4916485:00
less 0.15% Below as per Agreement					7375:00
					Rs-4909110:00

1. E/W-3221.0m³
2. GSB-1780.0m³
3. Stone chips-60.50m³
4. Sand-31.0m³
5. Stone Metal Agg-255.25m³

Continuation