

प्रमाणित किया जाता है कि
मापी पुल में मशीन वेकन 100
हट्ट है जिसे सहायक अभियन्ता
व्यापारी कार्य दिशा 7 कार्य अ०२
प्रमंडल पनाई के पदनाम से निम्न
किया गया है


Executive Engineer
RWD Works Division
05/10/19

Sch. XLV - Form No. 134

RWD PAKRIDAYAL DIVISION

PATNA SUB-DIVISION

Measurement Book

No.

1395

Name _____

Date of first entry _____

Date of last entry _____

Est. on A/C Bill.

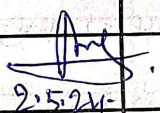
Name of Work- **1**
 Situation of Work-
 Agency by which work is executed-
 Date of Measurement-
 No. and date of agreement

(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.	
<u>Revised measurement</u>					
N/W - const. of Rd. @ C.D from Kamathaniya					
Gomati to Gajraul S. Mushar					
total. (M.M.GSY) (NDB Bricks).					
Package No - M.M.GSY - NDB BPRD - 501					
Pakridayal.					
Block - Patali.					
Agency - M/S Shivan Kumar.					
Chota Baniyapur, Motikani.					
E. Champaran.					
Ag. NO. - 12 SBD/2023-24.					
const. cost - Rs. 4122492.00					
Date of start - 4.7.2023.					
Date of completion - 3.7.24.					
(1) P.N. ∞ fixing of typical					
m.m.GSY sign with logo					
board - do - B/S.					
					2 NOS.
(2) P.N. ∞ fixing of typical					
m.m.GSY citation board -					
- do - do - B/S.					
					1 NO.
(3) P.N. ∞ fixing marking B.M.					
pillars - do - B/S.					

Continuation

0.280 Km.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) P.W. on lining of reference pillars - do - B.I.				0.280 k.m.	
(5) clearing on grubbing Rd.					
Land - do - do - B.I.					
$2 \times 1 \times 10.00 \times 2.00 = 40.00 m^2$					
$2 \times 7 \times 30.00 \times 2.00 = 840.00 ,,$					
$2 \times 2 \times 30.00 \times 2.00 = 240.00 ,,$					
					T-1120.00 m ²
					or, 0.112 Hec.
 2.5.24. J.E.					

(6) Const. of sub-grade on earth approx. material from borrow pits					
shoulder - do - do - B.I.					
$5 \times 20.00 \times 3.75 + 6.95 + 8.75 \times 0.345 = 215.625 m^3$					
(2) Filling in soil for Road in					
Soil - do - B.I.					
$2 \times 20 \times 30.00 \times 0.525 \times 0.10 = 6.30 m^3$					
(3) Const. of C.S.B. by small					
graded material - do - B.I.					
B.T. portion - $1 \times 15.00 \times 4.25 + 3.75 \times 0.20 = 12.00 m^3$					
$1 \times 15.00 \times \frac{4.25 + 3.75}{2} \times 0.20 = 11.02 ,,$					
$1 \times 15.00 \times \frac{3.60 + 3.50}{2} \times 0.20 = 10.65 ,,$					
$1 \times 15.00 \times \frac{3.50 + 3.65}{2} \times 0.20 = 10.72 ,,$					
$1 \times 20.00 \times \frac{3.15 + 3.55}{2} \times 0.20 = 14.40 ,,$					

2 Continuation

58.79 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
H.P. culvert for 1500 mm dia.					
(1) Elv. in circa. in form.					
- do - do - E.I.					
H.W. - $2 \times 6.45 \times 1.40 \times 1.50$					$= 27.03 m^3$
bedam pipe - $4.85 \times 1.53 \times 0.365$					$= 2.70 "$
					$29.73 m^3$
(2) P.V. P.C.C. M ₁₅ in drenching					
course - do - do - E.I.					
H.W. - $2 \times 6.45 \times 1.40 \times 0.15$					$= 2.70 m^3$
Bedam pipe - $4.93 \times 1.53 \times 0.15$					$= 1.88 "$
Loss for pipe - $0.25 \times 0.7857 \times (1.23)^2 \times 0.5496$					$= 0.163 "$
					$2.95 m^3$

12.524.					
J.E.					
(3) P.V. P.C.C. M ₂₀ in sub.					
struc. - do - E.I.					
H.W. - $2 \times 6.15 \times 0.825 \times 2.58$					$= 26.18 m^3$
Loss for pipe - $2 \times 0.7857 \times (1.23)^2 \times 0.622$					$= 1.47 "$
					$24.71 m^3$
(4) P.V. as laying R.C.C. H.P. NB ₃					
1500 mm dia. - do - E.I.					
3 x 2.50 m					$= 7.50 m.$
(5) P.V. P.C.C. M ₂₀ in parapet					
- do - E.I.					
$2 \times 6.15 \times 0.40 \times 1.20$					$= 5.90 m^3$
12.524.					
J.E.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
①. Ph. overlaying, spreading & compacting w.b.m. & III -					
- do - pla - E JS.					
		$15.00 \times \frac{1.25 + 3.75}{2} \times 0.075$			$= 4.50 m^3$
		$15.00 \times \frac{2.75 + 3.60}{2} \times 0.075$			$= 4.13 "$
		$15.00 \times \frac{3.16 + 3.50}{2} \times 0.075$			$= 3.99 "$
		$15.00 \times \frac{3.5 + 3.65}{2} \times 0.075$			$= 4.02 "$
		$20.00 \times \frac{3.65 + 3.55}{2} \times 0.075$			$= 5.40 "$
					$22.04 m^3$
P.C.C. Portion -					

		$1 \times 10.00 \times \frac{3.55 + 3.45}{2} \times 0.075$			$= 2.62 m^3$
		$1 \times 15.00 \times \frac{3.45 + 3.60}{2} \times 0.075$			$= 3.96 "$
		$15.00 \times \frac{3.60 + 3.75}{2} \times 0.075$			$= 4.13 "$
		$15.00 \times \frac{3.75 + 3.85}{2} \times 0.075$			$= 4.27 "$
		$15.00 \times \frac{3.85 + 3.70}{2} \times 0.075$			$= 4.24 "$
		$15.00 \times \frac{3.70 + 3.85}{2} \times 0.075$			$= 4.24 "$
		$15.00 \times \frac{3.85 + 3.75}{2} \times 0.075$			$= 4.27 "$
		$20.00 \times 3.75 \times 0.075$			$= 5.62 "$
					$33.35 m^3$
B.T. Portion -		$20.00 \times \frac{3.75 + 3.70}{2} \times 0.075$			$= 5.58 "$
		$20.00 \times \frac{3.70 + 3.62}{2} \times 0.075$			$= 5.47 "$
		$1 \times 20.00 \times \frac{3.6 + 3.55}{2} \times 0.075$			$= 5.36 "$
		$20.00 \times \frac{3.6 + 3.55}{2} \times 0.075$			$= 5.36 "$
		$20.00 \times 3.75 \times 0.075$			$= 5.62 "$
					$22.03 m^3$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty. Wick T.M.B.P. NO. - (2),					
0.28 Km. @ 2354 = 35/4 Km - Rs. 659 = 00					
(5/3) Clearing & grubbing Red Land.					
- do - do - E.I.					
Qty. Wick T.M.B.P. NO. - (2)					
0.112 Hec. @ 72697 = 86/Hec - Rs. 8142 = 00					
(6/9) const. of sub-grade & earthen					
shoulder - do - E.I.					
Qty. Wick T.M.B.P. NO. - (2),					
215.625 m ³ @ 264 = 23/m ³ - Rs. 53975 = 00					
(7/4) Exca. for roadway in soil -					
- do - do - E.I.					
Qty. Wick T.M.B.P. NO. - (2)					
6.30 m ³ @ 103 = 85/m ³ - Rs. 654 = 00					
(8/8) const. of G.S.B. gradin. I -					
do - do - E.I.					
Qty. Wick T.M.B.P. NO. - (3),					
144.25 m ³ @ 4132 = 92/m ³ - Rs. 596173 = 00					
(9/29) E.W. in exca. in found. - do - E.I.					
Qty. Wick T.M.B.P. NO. - (4),					
29.79 m ³ @ 383 = 28/m ³ - Rs. 11418 = 00					
(10/30) P.W. P.C.C. M ₁₅ in levelling					
course - do - do - E.I.					
Qty. Wick T.M.B.P. NO. - (4),					
2.95 m ³ @ 8161 = 01/m ³ - Rs. 24075 = 00					
(11/31) P.W. P.C.C. M20 in sub-struct.					
- do - do - E.I.					

Continuation