

RWD Road yadar Toli Jeevan chak

Schedule XLV-Form No. 134

E. E RWD , WORKS

DIVISION

Patna.

Patna Sadar

SUB-DIVISION

सर्वेक्ष राजेश कुमार

7731

MEASUREMENT BOOK

1.

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 measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work: Construction & five year maintenance of Road from RWS Road to Yadav Tol Jeevanchak under MPWS					
NOD - (Anusash)					
Agency: Rajesh Kumar, Chok. P. Singh					
Lalgi Tola, CDA Building, Patna - 800001					
Agreement No - 09/15/03/24-25					
Rate Approved - 3.79% Below					
Date of Commencement - 06/09/24					
Date of Completion - 05/09/25					
Date of measurement - 08/10/24.					
Work done					
Item ① Poor & fixing of Working bench mark pillars					
--- do --- do --- do --- E/L					
Working bench mark Pillars - 1.00 No.					
Reference Pillars - 1.00 No.					

Continuation



Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Item ② Clearing & grubbing road land - do - 02'					
					$2 \times 2 \times 80.00 \times 1.00 = 480.00 m^3$
					$2 \times 1 \times 10.00 \times 1.00 = 20.00 "$
					$\text{Sum } 500.00 m^3$
					$\therefore \text{Hect } 500.00 m^3 / 10000 = 0.05 \text{ Hect.}$
Item ③ Construction of embank- ment with material obtained from borrow pit - do - do - 05' at work as per drawing					

is given below as

pre chart:

S/N	CH	Area	mean Area	Dist	Volume
	(m)	(m ²)	(m ²)	(m)	(m ³)
1	0	8.575	-	-	-
2	50	8.586	8.581	50	429.025 m ³
3	100	8.591	8.589	50	429.425 m ³
5	150	7.450	8.091	50	401.025 m ³
			Total Qty =		1259.475 m ³
			E/W Qty with 6rd grade (524) =		1259.48 m ³
			Less for Cryst. Subgrade (-)		225.00 m ³
			Net E/W Qty (1000 m ³ lot) :-		1034.48 m ³

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Item (4) Construction of sub grade & earthen shoulder					
- under - do - do - E/P					
$5 \times 30.00 \times 5.00 \times 0.300 =$					225.00 m ³
Item (5) Filling in Subgrade & earthen shoulder with 5% sand - do - E/P					
$4 \times 30.00 \times 3.75 \times 0.150 =$					67.50 m ³
$1 \times 28.00 \times 3.75 \times 0.150 =$					15.75 "
<u>for sub</u>					<u>83.25 m³</u>
<u>23/03/2015 J.E.</u>					<u>23/03/2015</u>
Item (6) Construction of GSB					
Grading I by Powerwell					
graded material - do - E/P					
$4 \times 30.00 \times 3.75 \times 0.100 =$					45.00 m ³
$1 \times 28.00 \times 3.75 \times 0.100 =$					10.50 "
					<u>55.50 m³</u>
Item (7) Prov. Laying, spreading & compacting stone ag. - granular of specific					

Continuation

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
material statement					
(i) Earth	—	—	—	—	1259.48 m ³
(ii) GSB (53 to 9.5 mm)	—	—	—	—	33.30 m ³
(iii) GSB (9.5 to 2.36 mm)	—	—	—	—	13.32 m ³
(iv) GSB (2.36 mm below)	5/045	—	—	—	19.98 m ³
(v) WBM Gr. II (53 to 22.4 mm)	—	—	—	—	50.37 m ³
(vi) Stone screening (Type 'B'	—	—	—	—	9.99 m ³
		11.2 mm)	—	—	9.99 m ³
(vii) Earth	—	—	—	—	83.95 m ³
(viii) Local sand	—	—	—	—	4.16 m ³
Total					
8/10/24					
Sub total					

<u>Storage</u>					
10%					
(i) Earth - 1259.48 m ³	—	—	—	—	—
10% of 1259.48 = 125.95 m ³	—	—	—	—	4440 = 00
(ii) GSB I - 55.50 m ³	—	—	—	—	—
10% of 55.50 = 5.55 m ³	—	—	—	—	4204 = 00
(iii) WBM Gr. II - 41.625 m ³	—	—	—	—	—
10% of 41.625 = 4.16 m ³	—	—	—	—	5970 = 00
(iv) Earth - 83.95 m ³	—	—	—	—	—
10% of 83.95 = 8.39 m ³	—	—	—	—	293 = 00
(v) Local sand - 4.16 m ³	—	—	—	—	—
10% of 4.16 = 0.416 m ³	—	—	—	—	602 = 00
415509 = 00					

Continuation

J.E.

Soh. XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
①	1057	100	100	100	
for driving & marking					
beach mark pillar etc.					
working etc. pillar					
1.00 m ³ wide T.M.P. ①					
Rs 458756/Each - 14					4587500
Reference Pillar					
1.00 m ³ wide T.M.P. ①					
Rs 6696=99/Each - 14					6697=00
②					
Clearing & grubbing					
road land - do - etc					
0.00 m ³ wide T.M.P. ②					
do 147756=147756/Each - 14					3,044,400

③					
Construction of Embankment with material obtained from borrow pits with a lead up to 1000 m - do - do - etc					
1034.42 m ³ wide T.M.P. ③					
Rs 259=69/m ³ - 14					2,68,644=00
④					
Construction of Sub grade & earthen shoulder - do - do - do - etc					
225.00 m ³ wide T.M.P. ④					
Rs 252=88/m ³ - 14					56898=00
					Rs 3,40,666=00

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
				B.Fls	340,666=00
(5)	Filling in subgrade				
	8 earth shoulder with				
	5 1/2 sand - do - do - do				
	83.25 m ³ wide T.M.B.P. (3)				
	els 296=44/m ³ — Rs				24672=00
(6)	Construction of C.S.B				
	Grading - I by Prov.				
	well graded material				
	do - do - do - do - do				
	55.50 m ³ wide T.M.B.P. (3)				
	els 3341=11/m ³ — Rs				1,85,432=00
(7)	Prov. laying, spreading				
	ding & compacting				
	stone aggregates of				
	specific sp. to W.B.M				
	Gr. M - do - do - do - do				
	41.625 m ³ wide T.M.B.P. (4)				
	els 4853=51/m ³ — Rs				2,02,027=00
(8)	Prov. & fixing of Hydr-				
	-cal m.m.s. in form-				
	-ory high board with 100"				
	do - do - do - do - do				
	2.00 Nos. wide T.M.B.P. (4)				
	els 11,437=86/each - Rs				22,876=00
					40,157,680=00

Continuation

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
				13/13	7,75,680=00
Add 1% L.C. (1)				13	7,75,700=00
Add Surcharge					
Side 7m 8.5 (5) (1)				13	15,509=00
				13	7,93,946=00
Add 12% G.T. (1)				13	1,43,810=00
				13	9,42,756=00
Less 3.79% Below					
as per agreement (1)				13	35,730=00
				13	9,07,026=00
C.P.					

Letter No 137 dated 21/1/25	RS-733200=00
Letter No 137	RS-907026=00
Memo of Payment Limit	RS-733200=00
S.D.B.	RS-26660=00
	RS-58656=00
J.T. 1%	RS-7332=00
L.C. 1%	RS-7332=00
S.GST. 1%	RS-7332=00
C.GST. 1%	RS-7332=00
ROY (13%)	RS-63978=00
S.F.	RS-15509=00
	565729=00
By Circle	RS-587725=00
Total	RS-733200=00
Payable For	RS-733200=00 (Seven Lakh -
	Thirty Three Thousand Two Hundred) only /

R. W.D. Works Division
Patna

29/3/25

24/3/25