

110217 329 44 922 2 3179
Date 30/07/2013 9101 312119 61
540 0117 9101 401 11101 179
540 1117 9101 401 11101 179
Schedule XLV-Form No.-134

EXECUTIVE ENGINEER
DANAPUR
DIVISION

BIHAR
SUB-DIVISION
← 1101 11101 179

MEASUREMENT BOOK

N.B.No → 1344

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 -	(1st and 2nd AF 1311)				
Rashtriya Uchhe Path	922				
se koni tola kundiwa kouriya					
Ekam yogipur ki four lane					
Wali Path ka Nisman.					
Agreement No. - 08/SB/D/2019-20/1-10-19					
Agency - Sadyam Associates.					
Dt of commencement -	2/10/2019				
Dt of completion -	2/11/2019				

Level	Work Done	Link (Koni tola to Yogipur)	Road IV - 01
Record measurement			
Dt of measurement	5/11/2019		
(1) setting out pillars -			
Providing & fixing of working			
Bench Mark	Pillars 1 nos -		
do - complete job.			
103 K.M	/		
(2) clearing and Grubbing			
Road land (By manual means)			
including	do - do - complete job.		
$2 \times 11.3 \times 3.500 = 77.100$			
$2 \times 1300 \times 3.5 = 9100 m^2$			
	0.91 Hec	/	

Continuation

J.E.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of Cost					
(1) Setting out pillars:-					
Providing & fixing of measuring benchmark pillars of No. Per					
Km - - do - do - Job					
Qty vide item M.B Page (51)+(61)					
1.8+1.9 = 3.7 Km ✓					
@ Rs 12328.50/Km					
→ Rs 45615 = 00					
(2) Clearing and grubbing					
road land (By manual means)					
including uprooting wild					
- do - do - Job					
Qty vide item M.B Page 51+62					
1.26 Hac + 1.239 Hac = 2.49 Hac ✓					
@ Rs 48 772.70/Hac					
→ Rs 12 1444 = 00					
(3) Box cutting:-					
Excavation for roadway in					
soil using manual means for					
carrying cut earth to					
embankment - - do -					
- - do - Job					

Continuation Rs 167059 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty vide item m.B page (52) + (65)					
$73.5 \text{ m}^3 + 52.0 \text{ m}^3 = 125.5 \text{ m}^3$					
@ Rs 77.59/m ³					
→ Rs 9738 = ∞					

(4) Construction of embankment with material obtained from borrow pits with lift -					
do - do - job					
Qty vide item m.B page 51+52+64					
for 1000 m lead.					
$1401.63 \text{ m}^3 + 1416.85 \text{ m}^3 = 2818.48 \text{ m}^3$					

@ Rs 162.10/m ³ → Rs 456876 = ∞					
for 100 m lead					
$1556.54 \text{ m}^3 + 1495.20 \text{ m}^3 = 3051.74 \text{ m}^3$					
@ Rs 118.85/m ³					
→ Rs 362699 = ∞					

(5) Construction of Subgrade and earthen shoulders with approved material obtained from borrow pits - do - do - job					
Qty vide item m.B page (52)					
1678.65 m^3 @ Rs 205.35/m ³					
→ Rs 344711 = ∞					

Rs 1341083 = ∞
Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6) G.S.B Gr-1					
Construction of granular sub base by providing coarse graded material, spreading					
-- do -- do -- do					
Qty vide item M.B Page 53+66					
$1062.55 \text{ m}^3 + 1.72 \times 10^3 = 1235.34 \text{ m}^3$					
@ Rs 258					
$4.38 / \text{m}^3$					
$\rightarrow \text{Rs } 31925.88 = \infty$					
					3218923:
(7) W.B.M Gr-3					
Providing, laying, spreading					

and compacting stone aggregate of specif size to water					
Bond Macadam -- do -- do -- do					
Qty vide item M.B Page 53+68					
$492.21 \text{ m}^3 + 293.35 \times 10^3 = 785.561 \text{ m}^3$					
@ Rs 3710.65 / m^3					
$\rightarrow \text{Rs } 2914942 = \infty$					
					2993306:

(8) Cement Concrete Pavement:-					
Construction of un-reinforced plain cement concrete					
pavement, thickness as per design over a prepared					
sub base, with 43 grade					

Continuation $\text{Rs } 7448613 = \infty$
 7503312-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Cement . . do . do . . Job					
Qty vide item M.B Page 54+69					
415.44 m ³ + 315.676 m ³ = 731.116 m ³					
@ Rs 72 32.10/m ³					
→ Rs 528 7504 = 00					
540 5546 =					
(9) HP Culvert					
Earthwork excavation for foundation of structure up to 3.0 m -- do -- do -- do					
Qty vide item M.B Page (54)					
44.53 m ³ @ Rs 280.02/m ³					
→ Rs 12532 = 00					
(10) Providing Mix (1:2:5) concrete for plain concrete in open foundation -- do -- do -- Job					
Qty vide item M.B Page (54)					
5.807 m ³ @ Rs 54 36.20/m ³					
→ Rs 31568 = 00					
For 1000 mm dia					
(11) PCC M-20 in head well complete as per drawing -- do -- do -- Job					
Qty vide item M.B Page (54)					
30.606 m ³ @ Rs 62 46.36/m ³					
→ Rs 191176 = 00					
Rs 12971393 = 00					
13144134 =					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) Providing and laying RCC Pipe NP-3 for culverts on first class bedding of RCC — do — do — Job.					
Qty vide item M.B Page (55)					
7.5 m @ Rs 2251.98/m					
→ Rs 24389 = ∞					
for 600 mm dia					
(13) RCC M 15 in head wall complete as per drawing and technical specification — do — do — Job					
Qty vide item M.B Page (55)					
13.869 m ³ @ Rs 5136.20/m ³					
→ Rs 75395 = ∞					
(14) Providing and laying of RCC pipe NP-3 for culverts on first class bedding — do — do — Job					
Qty vide item M.B Page (55)					
7.5 m @ Rs 1117.01/m					
→ Rs 8377 = ∞					
(15) slab culvert					
E/W in excavation for structure as per drawing — do — do — Job					

Continuation

Rs 13079554 = ∞

13252295

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
as per drawing - do - do -					
- Job					
Qty vide item M.B kg (57)					
4.074 m ³ @ Rs 6242.36/m ³					
→ Rs 30613.00					
(20) Providing weep holes in brick masonry, plain/reinforced concrete abutment - do - do -					
Job					
Qty vide item M.B kg (57)					
36 Nos @ Rs 132.77/Nos					
→ Rs 4780.00					
(21) Providing and fixing of 1080 of Protection -					
Providing and fixing of typical MMGS reinforcement with 1080 board - do - do -					
- complete Job					
Qty vide item M.B kg (57)					
04 Nos @ Rs 9715.4/Nos					
→ Rs 38878.00					
Rs 13211294.00					

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Continuation

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14084035

Sch. XLV-Form No. 134

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
धार्य प्रमं हल-राजापुर

5/8/21	AE	J-E Binkla
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