

SATYENDRA KR. YADAV

Schedule XLV-Form No. 134

Executive Engineer. R.W.D. Works DIVISION

JeKasi

Assistant Engineer R.W.D. Works SUB-DIVISION

Belagani

MEASUREMENT BOOK

837

M.L. Bridge at Sonapur.

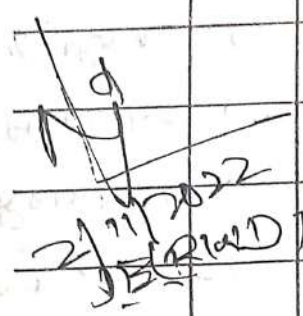
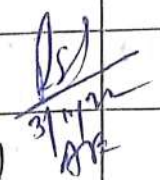
4th & Final Bill

68

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work: Construction of					
H.L. R.C.C. Bridge (3x16.50M)					
Over Jamune river in 3rd km.					
of Belagahj - Tikari Road at					
Sonepur village under Bela					
gahj Block					
Name of Agency: Satayendra					
Kumar Yadav					
Agreement No. 37 SBD/					
NABARD / 2020-21					
Date of Commencement 10/8/20					
Date of Completion - 9/8/21					
Date of measurement - 11/8/21					
(126) Providing & Laying					
Pit for manhole Material					
Under road at Pitching 1 h					
Slope - - - Job 1.					
$1 \times 28M \times \frac{7.90 + 6.60}{2} \times 0.15 = 30.45 M^3$					
$1 \times 17M \times \frac{7.20 + 9.40}{2} \times 0.15 = 21.16 M^3$					
$1 \times 19M \times \frac{8.60 + 9.20}{2} \times 0.15 = 25.36 M^3$					
$1 \times 22M \times \frac{7.70 + 8.60}{2} \times 0.15 = 25.90 M^3$					
$1 \times 18.00M \times \frac{7.55 + 6.65}{2} \times 0.15 = 19.17 M^3$					
Grand Total (64)					
					122.04 M ³
					144.774 M ³
					266.814 M ³

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(2/25) Providing & Laying Pitching on slopes laid over Prepared filter media - Job 1-				
$1 \times 17M \times \frac{7.20 + 9.40}{2} \times 0.30 =$				$42.33 M^3$
$1 \times 26.00 \times \frac{1.00 \times 6.00}{2} =$				$15.60 //$
$1 \times 28.00 \times \frac{1.00 \times 0.60}{2} =$				$16.80 //$
$1 \times 19.00M \times \frac{1.00 \times 0.60}{2} =$				11.40
$1 \times 12 \times \frac{1.00 \times 0.60}{2} =$				$7.20 //$
$1 \times 18.00 \times \frac{7.55 + 6.65}{2} \times 0.30 =$				$38.34 //$
$1 \times 28.00 \times \frac{7.90 + 6.60}{2} \times 0.30 =$				$60.90 //$
$1 \times 19.00 \times \frac{8.60 + 9.20}{2} \times 0.30 =$				$50.73 //$
$1 \times 22.00 \times \frac{7.70 + 8.00}{2} \times 0.30 =$				$51.81 //$
$1 \times 27.00 \times \frac{8.40 + 9.00}{2} \times 0.30 =$				$70.47 //$
$1 \times 25.00 \times \frac{10.30 + 9.20}{2} \times 0.30 =$				$73.12 //$
$1 \times 16.00 \times \frac{7.70 + 8.00}{2} \times 0.30 =$				$37.68 //$
$1 \times 21.00 \times \frac{8.30 + 9.50}{2} \times 0.30 =$				$56.07 M^3$
				$532.45 M^3$
(2/35) Providing & fixing of reflector -				
(1) 90cm equilateral triangle -				2 Nos

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(II) 60cm equilateral triangle					2 NOS
(III) 60cm Circular					2 NOS
(IV) 80cm x 60cm rectangular					2 NOS
(V) 60cm x 60cm square					2 NOS
(VI) 60cm x 45cm rectangular					2 NOS
(VII) 90cm High octagon					2 NOS
(4/36) Direction & Place identification sign board					2 NOS
(5/39) Supplying & installation of delineators					10 NOS
(6/36) Providing & erecting direction & Place identification retro. reflector					
vis. & sign board					2 NOS
(7/39) Supplying & installation of delineators					10 NOS
 					

Abstract of Cost

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/1 Earthwork excavation of foundation trenches - job					
1540.88 m ³ 3 Page - 60					
Est 107 = 06 / m ³ Rs 164967 = 00					
2/2 Borat Cast in situ					
M ₃₅ R.C.C. D ₁₂ excluding Reinforcement - job					
480.00 m ³ Page - 60					
Est 15586 = 32 / m ³ Rs 6234528 = 00					
3/3 Providing steel liner					
8mm thick UP to SCOUR Level - job					
1.55 MT. Page - 60					
Est 84442 = 70 / M.T. Rs 1386352 = 00					
4/4 Providing P.C.C. M ₁₅ Levelling Course - job					
15.556 m ³ Page - 60					
Est 4937 = 89 / m ³ Rs 76784 = 00					
5/5 Cement Concrete for reinforced Cement Concrete in Pile Cap - job					
253.368 m ³ Page - 60					
Est 6607 = 42 / m ³ Rs 1674109 = 00					
6/6 S/P/Placing of HYSD bar reinforcement in foundation - job					
89.19 m ³ Page - 60					
Est 8289023 = 00					

Continuation



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① K ⁸ 80251 = 57/M ⁷ K ⁸ 7157638 = 00					
7/7 Providing & Constructing					
one span service					
road - job					
52.00 M Page - 61					
Q ⁸ 3689 = 53/M ⁷ K ⁸ 191856 = 00					
⑧ Providing reinforced					
Cement Concrete in					
Sub structure - job.					
236.80 M ³ Page 61					
Q ⁸ 7013 = 44/M ³ K ⁸ 1660832 = 00					
9/9 S/P Placing MYS					
bar reinforcement in					
Sub. structure - job.					
21.529 M ³ Page 61					
Q ⁸ 80407 = 11/M ³ K ⁸ 1731085 = 00					
10/10 Providing weep					
holes - job					
85.00 NOS Page - 61					
Q ⁸ 138 = 37 each - K ⁸ 25598 = 00					
11/11 Backfilling behind					
Abutment - job.					
301.82 M ³ Page 61					
Q ⁸ 934 = 25/M ³ K ⁸ 281976 = 00					
12/12 Providing filter					
media - job.					
K ⁸ 19338008 = 00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
103.084 M	3	Pape	62		
Ans 2081-61 M	3	Pape	62		214581200
(13/13) S/P/F in position true					
to Line & Level elasta					
meric Bearing - . Job					
152182.80 Cum. Pape			62		
Ans 1.01 Cum. 128					153705200
(14/14) Furnishing & Placing					
reinforced Cement Concr.					
ref in super. structure -					
183.60 M	3	Pape	62		
Ans 8002 = 12/M	3	Pape	62		1485713200
(15/15) S/P/Placing HYSD					
bar reinforcement					
Super. structure					Job
29.6331 M	3	Pape	62		
Ans 81631-223/M	3	Pape	62		241898600
(16/16) Providing &					
Laying Cement					
Concrete Bea-					
ring Coat - . Job					
32.885 M	3	Pape	62		
Ans 12400 = 78/M	3	Pape	62		407435200
(17/17) Construction					
of R.C.C. railing					
all Comp. Job: -					
117.06 M		Pape	63		

2401842820
Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2065 = 45/M					2417822
(18/18) Drainage spouts					
18 Nos Page - 63					
957 = 3800 Ch					1723522
(19/19) Boring P.C Co M15					
Leveling course -					
80 M3 Page - 63					
5209 = 58/M					4219822
(20/20) Reinforced Cement					
Concrete approach					
slab - - - 108					
168 20 M3 Page - 63					
10291 = 90/M					16672922
(21/21) Two Coats Water					
based Cement Paint					
5000 m ² Page - 63					
109 = 08/m ²					545400=00
(22/22) Painting two Coats					
after filling the surface					
300.00 m ² Page - 63					
78 = 00/m ²					23400=00
(23/23) Providing &					
Laying of a strip					
seal extension					
Joints					
36.00 m Page - 64					
					25055172200

Continuation



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
24/24 Providing & Laying Boulders approx all - job	12868=41		M 18	46	3263=00
322.942 m ³ Pap. 64					
25/25 Providing & Laying Pitching on slo Pap laid over Prepared filter media - job	2049=29		M 3	66	1802=00
532.45 m ³ Pap. 69					
26/26 Providing filter material under head Pitching - job	2049=29		M 3	109	144=00
266.814 m ³ Pap. 68					
27/27 Clearing & Grubbing road Land including up rooting - job	2261=39		M 3	60	3371=00
1.89116 Pap. 64					
28/28 Construction of Sub grade & Earthwork shoulders - job	49739=47		M 9	400	820=00
8899.52 m ³ Pap. 64					

Rs 27968760=00
Continuation

$$K_2 \quad 31389626 = 10$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Surfacing — Job					
823.00 M ² 1 page	65				
Rs 210=32 M ² Rs					173514=00
(35/35) Providing & fixing of retro-reflector used					
Sign.					
(i) 90cm equilateral triangle					
2 Nos Page 70					
Rs 5861=00 each Rs					11722200
(ii) 60cm equilateral triangle					
2 Nos Page 70					
Rs 3730=00 each Rs					7460=00
(iii) 60cm Circular					
2 Nos Page — 70					10250200
Rs 5125=00 each Rs					5125200
(iv) 80mm x 60mm rectangular					
2 Nos Page 70					
Rs 7289=00 each Rs					14578200
(v) 60cm x 60cm rectangular					
2 Nos Page 70					
Rs 4982=00 each Rs					9964=00
(vi) 60cm x 60cm square					
2 Nos Page 70					
Rs 5971=00 each Rs					11942200
(vii) 90cm High octagon					
2 Nos Page 70					
Rs 9399=00 each Rs					18798=00

Rs 31647854=00
Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
36/36 Providing & erecting direction & Place identification rebar reflectorised sign Board					
2 nos Page- 70					
Rs 13436 = each					Rs 26872=00
37/38 Providing & Laying of hot applied thermoplastic Compound					
Job:					
40.00 m ² Page- 66					
Rs 751.00 / m ²					Rs 30040=00
38/39 Supplying & installation of delineator (Road way indicator)					
Job:					
10 nos Page- 70 Not done					
Rs 1197 = each					Rs 000=00
39/40 Reinforced Cement Conrete M ₁₅ grade boundary Pillars					
Job:					
6 nos Page- 66					
Rs 529 = 2 each					Rs 8468=00
					Rs 31713234=00
Less 10% Belong					Rs 3171323=00
					Rs 28541911=00
Less Previous Payment					Rs 26851076=00
vide Page 66					Rs 27231076=00
Continuation					Rs 310841=00
					Rs 1690835=