

MMGSY → GEN

Schedule XLV-Form No. 134

Hqrs NH 104 to Hqrs Bichala Telg.

Rural Works Department, Works Div. Pura **DIVISION**

Budhachar Div. Suresand **SUB-DIVISION**

MEASUREMENT BOOK

2595

Assy: Ray Kumar Singh

1st on A/c Bill

Name to work—
 Situation of work—
 Agency by which work is executed—
 Date of measurement—
 No. and date of agreement.

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(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 of Road from					
Hari NH 104 to Hari Bichala Tola.					
Agency: → Raj Kumar Singh, Vill - Balua					
Po - Lagma, Ps - Dumra, Sitamahi.					
Agreement No → MUGSY/15/SBP/2023-2024.					
St of commencement → 20.07.2023					
St of completion → 19.04.2024.					

(1) Providing & fixing of working
 bench mark Pillar
 1.5 KM.

(2) Providing & fixing of reference
 Pillar
 1.5 KM.

(3) clearing & grubbing of road land
 including uprooting wild vegetation

2 x 10 x 30 x 3.5 =	2100 m ²
2 x 10 x 30 x 3.5 =	2100 m ²
2 x 10 x 30 x 3.5 =	2100 m ²
2 x 10 x 30 x 3.5 =	2100 m ²
2 x 6 x 30 x 3.5 =	1260 m ²
2 x 20 x 30 x 3.5 =	2100 m ²
2 x 2 x 30 x 3.5 =	630 m ²

Continuation

847 = 7800 m²
 10500 m²
 11. 175.11 = 0.92 Ha

Abstract of Cost

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) <u>fixing & fixing of working bench walk pillar</u>					
Qty vide page no. (1) in TMB					
@ 4015.40/KM		1.50 KM		PA	6023 = 00
(2) <u>fixing of Reference pillar</u>					
Qty vide page no. (1) in TMB					
@ 1845.98/KM		1.50 KM		PA	2769 = 00
(3) <u>clearing & grubbing Road land including uprooting wild vegetation</u>					
Qty vide page no. (1) in TMB					
@ 52970.33/Ha		1.05 Ha		PA	55619 = 00
(4) <u>Excavation for roadway in soil using manual means for survey</u>					
Qty vide page no. (2) in TMB					
@ 75.57/m ³		31.50 m ³		PA	2380 = 00
(5) <u>Construction of embankment with material obtained from borrow pits (for 100 M lead)</u>					
Qty vide page no. (2) in TMB					
@ 152.15/m ³		681.90 m ³		PA	1,03,751 = 00
(6) <u>Construction of Subgrade & earthen shoulder with approved material</u>					
Qty vide page no. (2) in TMB					
@ 191.76/m ³		2607.00 m ³		PA	499,918 = 00
(7) <u>Construction of granular Subbase</u>					
CSB 6:1 by H.V. well graded material					
Qty vide page no. (5) in TMB					
@ 2684.96/m ³		1155.22 m ³		PA	31,01,719 = 00
Continuation					PA 37,72,179 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
			GA	PA	37,72,179=00
(8) 8 Providing, laying, spreading & compacting stone aggregate 1/2 B & 1/2 M Qty vide Page no. (8) in TMB @ 2257.44/m ³ 430.00 m ³ PA 14,05,653=00					
(9) 23 E/W in excavation for foundation of structure Qty vide Page no. (8) in TMB @ 279.09/m ³ 29.79 m ³ PA 8314=00					
(10) 24 Providing M15 (PCC 1:2:5) of leveling course in foundation Qty vide Page no. (8) in TMB @ 593.24/m ³ 2.94 m ³ PA 17429=00					
(11) 25 Providing concrete for plain prepared concrete in open foundation Qty vide Page no. (9) in TMB @ 6482.65/m ³ 30.61 m ³ PA 1,98,434=00					
(12) 26 Providing & laying RCC pile NP-3 for first class bedding PCC M10 Qty vide Page no. (9) in TMB @ 2576.14/m 7.50 m PA 19,321=00					
(13) 27 Painting two coats on wall surface Qty vide Page no. (9) in TMB @ 90.52/m ² 116.23 m ² PA 10,521=00					
(14) 28 E/W in excavation for structure as per drawing & technical specification Qty vide Page no. (9) in TMB @ 279.09/m ³ 138.18 m ³ PA 38,565=00					
Continuation					PA 54,70,416=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/F	R/S =	54,70,416=00
(15) (14) Plain Cement Concrete PCC M15 (1:2:5) in levelling course Qty vide page no. (7) in TMB @ 5928.24/m ³ 9.44 m ³ Rs 55,963=00					
(16) (3) Providing PCC M20 (1:2:4) concrete for plain concrete masonry foundation Qty vide page no. (10) in TMB @ 6482.65/m ³ 31.70 m ³ Rs 2,05,500=00					
(17) (4) Plain/Reinforced Cement concrete (M-20) in substructure Qty vide page no. (10) in TMB @ 6480.18/m ³ 34.48 m ³ Rs 2,23,437=00					
(18) (32) P/V weep holes in brick masonry PCC abutment wing wall return wall Qty vide page no. (11) in TMB @ 111.6/m 38 nos. Rs 4241=00					
(19) (33) Supplying filter & placing HYSD bar reinforcement (Fe 415) in substructure Qty vide page no. (11) in TMB @ 49864.73/m 1.957 ton Rs 97,585=00					
(20) (34) Back filling behind abutment wing wall & return wall Qty vide page no. (12) in TMB @ 530/m ³ 13.16 m ³ Rs 6975=00					
(21) (35) P/V & laying filter material Qty vide page no. (12) in TMB @ 3046.92/m ³ 21.24 m ³ Rs 64,717=00					

Continuation

Rs 61,28,834=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/f	P/s	61,28,834
(22/36) Providing & laying reinforced concrete (M25) in substructure					
Qty vide Page no. (12) in TMB					
@ 7767.67/m ³		8.80 m ³		P/s	68,356 = 00
(23/37) Supplying, fitting & placing M25 bar reinforcement in substructure					
Qty vide Page no. (12) in TMB					
@ 51082.74/ton		0.652 ton		P/s	33,306 = 00
(24/38) Construction of RCC wall of M25					
Grade in cast in situ with iron					
Qty vide Page no. (13) in TMB					
@ 1425/m		10.00 m		P/s	14250 = 00
(25/39) Drainage points as per technical specification					
Qty vide Page no. (13) in TMB					
@ 536.83/m		04 m		P/s	2147 = 00
(26/40) Providing and laying cement concrete wearing course.					
Qty vide Page no. (13) in TMB					
@ 11429.43/m ²		2.06 m ²		P/s	23,534 = 00
(27/9) Providing & applying of primer coat with bitumen emulsion (SS-1)					
Qty vide Page no. (15) in TMB					
@ 40.76/m ²		5737.50 m ²		P/s	2,33,861 = 00
				P/s	65,04,288 = 00

Continuation

Bills of Materials					
Particulars	Quantity of material required				Contract Price
	No.	L.	B.	D.	
(28) 28 Binding & applying dock coat with bitumen emulsion					
Qty vide Page no. (5) in TMB					
@ 13.74/m ²	5737.2 m ²				Rs 77,921.00
(29) 29 Binding & laying and rolling of close graded premix surface material of 20 mm thickness					
Qty vide Page no. (5) in TMB					
@ 178.63/m ²	5737.50 m ²				Rs 11,39,640.00
(30) 30 P.V.C. fixing of K.H. stone					
Qty vide Page no. (12) in TMB					
@ 2297.00/m	03 m				Rs 6894.00
(31) 31 P.V.C. fixing of 200 N stone					
Qty vide Page no. (15) in TMB					
@ 594.76/m	06 m				Rs 3569.00
(32) 32 P.V.C. fixing of Typical M.H.C.S.Y. information signs board					
Qty vide Page no. (5) in TMB					
@ 9476/m	05 m				Rs 47,380.00
					Rs 77,81,752.00
Add GST 12% (H)					Rs 9,33,810.00
Add L.C 1% (H)					Rs 77,818.00
Add S.Fee (H)					Rs 77,630.00
					Rs 88,71,810.00
Less 10.51% as per agreement					Rs 9,32,343.00
					Rs 79,38,667.00
					Say Rs 79,38,667.00

AB
13/03/24
JB

Continuation

Salil Kumar
13-3-2024
AC