

MMGSY → GEN

Schedule XLV-Form No. 134

Hari NH 104 to Hari Bichala Teta .

Rural works Department, Wuxi Div. Pupa **DIVISION**

Shanghai Sub Div. Standard **SUB-DIVISION**

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MEASUREMENT BOOK

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Appendix: Ray Kumar Singh

2nd & final Bill

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work → Construction of Road					
from Hali NH 104 to Hali Bichla talq					
Agency → Raj Kumar Singh, Vill - Balua					
PO - Lagma, PS - Dumra, Sitamarhi					
Agreement No. → MN/CSY/15/SBP/2023-2024					
St of Commencement - 20.07.2023					
St of Completion - 19.04.2024.					
St of Actual Completion - 29.03.2024.					

(1) Construction of Sub-grade &

earthen shoulder

Earthen shoulder (Sides of AB)

$2 \times 10 \times 30 \times 1.388 \times 0.20 =$	166.56 m^3
$2 \times 10 \times 30 \times 1.398 \times 0.20 =$	166.52 m^3
$2 \times 10 \times 30 \times 1.388 \times 0.20 =$	166.32 m^3
$2 \times 10 \times 30 \times 1.350 \times 0.20 =$	164.16 m^3
$2 \times 10 \times 30 \times 1.340 \times 0.20 =$	163.20 m^3
	Qty = 827.04 m^3

(Sides of WBH)

$2 \times 10 \times 30 \times 1.18 \times 0.075 =$	53.10 m^3
$2 \times 10 \times 30 \times 1.18 \times 0.075 =$	53.10 m^3
$2 \times 10 \times 30 \times 1.18 \times 0.075 =$	53.10 m^3
$2 \times 10 \times 30 \times 1.18 \times 0.075 =$	53.10 m^3
$2 \times 10 \times 30 \times 1.18 \times 0.075 =$	53.10 m^3

Continuation

Qty = 265.50 m^3

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) Provision & fixing of wooden bench made pillar					
Qty vide page no. (12) in TMB					
@ 4015.44/KM		1.50 KM	PA		6023=0
(2) P/v & fixing of reference pillar					
Qty vide page no. (12) in TMB					
@ 1845.92/KM		1.50 KM	PA		2769=0
(3) Clearing & Grubbing of Road land					
Qty vide page no. (12) in TMB					
@ 52970.30/149		1.05 Hrs	PA		5561920
(4) Excavation of roadway in soil using manual means for					
Qty vide page no. (16) in TMB					
@ 75.57/m ³		31.50 m ³	PA		2380=0
(5) Cost of embankment with material obtained from borrow pits (for 100 m lead)					
Qty vide page no. (16) in TMB					
@ 152.15/m ³		681.90 m ³	PA		1,03,351=0
(6) Const. of Subgrade & earth shoulder with approved material					
Qty vide page no. (12) + (13) in TMB					
@ 191.76/m ³		2607 m ³ + 092.9 m ³	PA		7,03,424=00
(7) Const. of Gravel Subbase GSB Gr-I by providing well graded material					
Qty vide page no. (16) in TMB					
@ 2684.94/m ³		1155.22 m ³	PA		31,01,779=0

Continuation PA 33,81,685=0

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
			410	48	39,81,655.00
(8) P/V laying of masonry & concrete Stone masonry regular 10BN 4.5-15" Qty vide page no. (17) in TMB					
@ 3207.44/m ³		430.20 m ³		P ₂	14,05,830.00
(9) E/W in masonry for foundation Qty vide page no. (17) in TMB					
@ 219.09/m ³		29.79 m ³		P ₂	8314.00
(10) P/V MIS (PC 12.5%) as masonry course of foundations Qty vide page no. (17) in TMB					
@ 5928.24/m ³		2.94 m ³		P ₂	17429.20
(11) P/V concrete for Plinth/underground concrete in open foundations Qty vide page no. (17) in TMB					
@ 6482.60/m ³		30.61 m ³		P ₂	1,98,434.00
(12) P/V & laying of Rec pipe NP-1 for 80% class bedding PC M10. Qty vide page no. (17) in TMB					
@ 2576.11/m		7.50 m		P ₂	19321.20
(13) Painting two coats on new structure Qty vide page no. (17) in TMB					
@ 90.52/m ²		116.23 m ²		P ₂	10,521.20
(14) E/W in excavation for shoring per drawing & technical SP-1 Qty vide page no. (17) in TMB					
@ 279.09 m ³		138.18 m ³		P ₂	38,855.00

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
			8.16	2.1	56,79,922.00
(15/32) Plain concrete for NIS in leveling course					
Qty vide page no. (12) in TMB					
@ 5728.24/m ³	9.44 m ³			Rs	55,963.00
(16/32) F.V. PCC M 20 concrete for plain concrete in open foundations					
Qty vide page no. (13) in TMB					
@ 6482.65/m ³	31.70 m ³			Rs	2,05,500.00
(17/32) PCC M 20 in substructure					
Qty vide page no. (12) in TMB					
@ 6480.18/m ³	34.48 m ³			Rs	2,23,437.00
(18/32) F.V. wash holes in kerbs					
work on PCC substructure					
Qty vide page no. (18) in TMB					
@ 111.61/m ²	38 m ²			Rs	4241.00
(19/33) Substructure, filling & placing HYSD bar reinforcement (Fe 415) in substructure					
Qty vide page no. (13) in TMB					
@ 49864.70/ton	1.9577 ton			Rs	97585.00
(20/34) Back filling behind abutment wing wall & return wall					
Qty vide page no. (18) in TMB					
@ 537/m ³	13.16 m ³			Rs	6975.00
(21/35) F.V. & laying filter material					
Qty vide page no. (13) in TMB					
@ 3046.92/m ³	21.24 m ³			Rs	64,717.00

Continuation Pg 63,38,340.00

Particulars	Details of actual measurement				Contents of areas
	No.	L.	B.	D.	
			615	RA	63,353.10 m
(22) P.V. & laying reinforced concrete (R.C.C.) in substructure					
Qty vide page no. (19) in TMB					
@ 7767.69/m ²		8.80 m ²		Ra	63,353.10
(23) Supply, fitting & placing of reinforcement in the st.					
Qty vide page no. (19) in TMB					
@ 51082.24/m ²		0.02 m ²		Ra	33,306.00
(24) Cost of R.C.C. Railing of new					
grade in continuation					
Qty vide page no. (19) in TMB					
@ 14257.14		10.10 m		Ra	14257.14
(25) Drainage structure as per technical specification					
Qty vide page no. (19) in TMB					
@ 536.83/m ²		04 m ²		B	2147.72
(26) Providing & laying cement concrete wearing course					
Qty vide page no. (19) in TMB					
@ 11424.43/m ²		2.05 m ²		B	23,554.00
(27) P.V. & applying of prime coat with bitumen emulsion					
Qty vide page no. (19) in TMB					
@ 40.20/m ²		5737.50 m ²		Ra	233,861.00
				Ra	67,137.74

Continuation

		B	D	Area
(28) 10	Provision & supply of 1:1.5 cont with bitumen emulsion Qty vide Page no (25) in TMD @ 13.94/m ²	57.31.50m ²	P ₁	79,781 = U
(29) 11	P/V & laying & rolling of curbs graded premix surfacing Qty vide Page no. (26) in TMD @ 198.63/m ²	57.31.50m ²	P ₂	11,29,419 = U
(30) 12	P/V & fixing of K.M. Stone Qty vide Page no. (26) in TMD @ 2290.89/m ²	03 m ²	P ₃	6894 = U
(31) 13	P/V & fixing of 240 W Stone Qty vide Page no. (26) in TMD @ 594.8/m ²	06 m ²	P ₄	3569 = U
(32) 22	P/V & fixing of typical 44cm x 44cm informational STM brand Qty vide Page (26) in TMD @ 9476/m ²	05 m ²	P ₅	47,380 = U
(33) 14	P/V & fixing of RCC M15 grade boundary pillar Qty vide Page no (24) in TMD @ 518.98/m ²	60 m ²	P ₆	31,139 = U
(34) 15	P/V & fixing of 600mm circular Qty vide Page no (24) in TMD @ 4700/m ²	08 m ²	P ₇	3760 = U
(35) 16	P/V & fixing of 900mm sq high Qty vide Page no. (24) in TMD @ 5200/m ²	04 m ²	P ₈	20,320 = U
Continuation				80,80,797 = U

	Pg	83,18,919.00
Add GST 12%	H) Pg	9,98,770.00
Add Loc 1%	@) Pg	83,189.00
Add S.Fee	H) Pg	83,193.00
	Pg	94,80,382.00
	dt	94,83,571.00
less 10% off. as per agreement	H) Pg	9,48,357.00
	Pg	85,35,214.00
	Pg	84,86,815.00
less Previous Payment	(-) Pg	79,38,671.00
Vide Page no. ②	Pg	4,73,735.00
	Pg	5,48,181.00
	by Pg	5,48,181.00

AM
29/03/24
JE

Mutual Statement