

Compartments Ray's house to Kailash Ray's house
Soudahi 1044.

Schedule XLV-Form No. 134

MMGSY (GEN)

R.M.D. Works Division, Puri DIVISION

Block :-> Surand.

Surand, Sundergarh Division Surand SUB-DIVISION

2945

MEASUREMENT BOOK

Pages :-> Approx construction.

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Name of work: → Construction of Road from Rampadosathi Ray's house to Kailash Ray house Dandahi 1044.					
Agency → Anam construction, Vill - Majhauria, Kuma, Sursand, Sitamahi					
Agreement No. → MMGSY/DT SBD/2021-2022					
St of commencement → 19.05.2022					
St of completion → 18.09.2023					

(1). Providing, laying, Spreading & Compacting stone aggregate of specific size (20mm Gr-10)

$$1 \times 11 \times \frac{7.2 + 3.95}{2} \times 0.075 = 4.59 \text{ m}^3$$

$$1 \times 30 \times \frac{3.70 + 3.65 + 3.56}{3} \times 0.075 = 8.17 \text{ m}^3$$

$$1 \times 30 \times \frac{3.56 + 3.56 + 4.1}{3} \times 0.075 = 8.41 \text{ m}^3$$

$$1 \times 30 \times \frac{4.1 + 3.90 + 3.85}{3} \times 0.075 = 8.88 \text{ m}^3$$

$$1 \times 30 \times \frac{3.85 + 3.70 + 3.95}{3} \times 0.075 = 8.63 \text{ m}^3$$

$$1 \times 30 \times \frac{3.95 + 3.45 + 3.88}{3} \times 0.075 = 8.46 \text{ m}^3$$

$$1 \times 30 \times \frac{3.88 + 3.75 + 3.80}{3} \times 0.075 = 8.57 \text{ m}^3$$

$$1 \times 30 \times \frac{3.80 + 3.96 + 3.45}{3} \times 0.075 = 8.11 \text{ m}^3$$

Abstract of Cost

① Providing & fixing of working B/M Pillar

Qty vide Page no. (6) in M.B

@ 4015.40 / KM 2.1 KM Rs 8432 = 00

② P/v & fixing of Reference Pillar

Qty vide Page no. (6) in M.B

@ 1845.98 / KM 2.10 KM Rs 3877 = 00

③ Clearing & grubbing of road land

Qty vide Page no (6) in M.B.

@ 52970.33 / HA 1.05 HA Rs 55,619 = 00

④ C.M.T. of embankment with

material obtained from borrow pits

Qty vide Page no. (6) in M.B

@ 152.15 / M³ 860.12 M³ Rs 1,30,875 = 00

Continuation

Rs 1,98,803 = 00

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
			817	8.1	1,98,803 = 00
(3) Construction of Subgrade & earthen shoulder					
Qty vide Page no (12) & Page no (13) in TMB.					
@ 191.76/m ³	2445.14 m ³	961.94 m ³			7,49,222 = 00
	= 3407.08 m ³				
(4) Const. of GSB by providing Well graded material					
Qty vide Page no. (12) in TMB					
@ 2701.15/m ³	1099.86 m ³				2,9,70,865 = 00
(5) Providing, laying, Spreading & Compacting Stone aggregate WBM					
C. & - III					

Qty vide Page no (7) + Page no. (10) in TMB					
@ 3286.97/m ³	301.85 m ³	76.24 m ³			12,42,935 = 00
	= 378.14 m ³				
(8) Providing & applying prime coat with bitumen emulsion (SS-1) on prepared Surface.					
Qty vide Page no. (11) in TMB					
@ 40.76/m ²	5043.53 m ²				2,05,514 = 00
(9) P/v & applying of tack coat					
Qty vide Page no. (12) in TMB					
@ 13.94/m ²	5043.53 m ²				70,307 = 00
(10) P/v, laying & rolling of close graded Premix surfacing of 20 mm thickness					
Qty vide Page no. (12) in TMB					
@ 199.01/m ²	5043.53 m ²				10,03,713 = 00

Continuation PA 64,41,419 = 00

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(11) Providing and laying of hot applied thermoplastic compound 2.5mm thick (Road marks etc.)			411	9A	141,119.01
Qty side Page no. (12) in m ²					
@ 721.95/m ²		262.80 m ²		P ₂	189,128.00
(12) Excavation for structure					
Qty side Page no. (13) in m ³					
@ 279.09/m ³		117.68 m ³		P ₂	32843.00
(13) Plain Cement concrete (PCC MP)					
Qty side Page no. (14) in m ³					
@ 578.24/m ³		8.89 m ³		P ₂	52,702.00
(14) Providing PCC 20 (1:2:4) concrete					
Qty side Page no. (15) in m ³					
@ 6482.65/m ³		24.46 m ³		P ₂	1,59,862.00
(15) Plain/Reinforced Cement concrete (M-20) in substructure					
Qty side Page no. (16) in m ³					
@ 6480.18/m ³		27.41 m ³		P ₂	1,77,622.00
(16) Providing masonry in brick masonry/Plain/Reinforced concrete abutment					
Qty side Page no. (17) in m ³					
@ 111.63/m ³		09 m ³		P ₂	1005.00
(17) Supply of HSD & Heavy HSD ball for concrete					
Qty side Page no. (18) in m ³					
@ 49864.73/ton		1.691 ton		P ₂	84321.00

Continuation

P₂ 71,31,502.00

Particulars	Details of actual measure				Quantity of work
	No.	L.	B.	D.	
(18) Backfilling behind abutment along & return wall etc. Qty vide Page no. (1A) in TMB @ 530/m ³ 10.58 m ³ P/L 5607 = 0			848	8A	11,27,211-00
(19) Providing and laying filter material underneath pit-chay Qty vide Page no. (1A) in TMB @ 3063.08/m ³ 7.65 m ³ P/L 23,433 = 0					
(20) Providing & laying reinforced cement concrete (M-20) in super - structure Qty vide Page no. (1B) in TMB @ 7785.24/m ³ 7.50 m ³ P/L 58,389 = 00					
(21) Supplying, fixing & placing HYSD bar reinforcement in super structure Qty vide Page no. (1B) in TMB @ 51082.24/m P/L 36,371 = 0					
(22) P/L & laying cement concrete Course M-20 grade including reinforcement complete Qty vide Page no. (1B) in TMB @ 11441.98/m ² 2.06 m ² P/L 23,570 = 00 P/L 72,86,872 = 0					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
			R/F	P/R	72,96,872 = 00
			Add G/T 12 Y. (1) P/R		8,74,425 = 00
			Add L.C. 1 Y. (4) P/R		72,869 = 00
			Add S.F. c (1) P/R		28,459 = 00
				P/R	82,62,625 = 00
			Less 3.60% as per	(1) P/R	2,97,455 = 00
			adjustment	P/R	79,65,171 = 00
			Less previous amount	(-) P/R	51,94,344 = 00
			vide Page no. (7)	P/R	27,70,827 = 00

17/01/24
 58

17-1-2024
 P/R

Material Statement

Stone metal $\rightarrow 92.31 \text{ m}^3$

Stone screenings - 16.30 m^3

SS-1 (Prime Kent) - 4.287 MT

RS-1 - 1.387 MT

S-90 (fine sand) - 9.582 MT

Stone aggregate - 199.06 m^3

Sand - 31.62 m^3