

Schedule XLV-Form No. 134

Sareigarh Bhaptiyahi SUB-DIVISION

Measurement Book

18

23-24

R. P. Larnier

1st Ranking A/c Bill

Name of Work- Guide Suraksha Banah to
 Situation of Work- Sarvagash Koshi Melaseta
 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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/w -	Guide Suraksha Banah to Koshi Maha setu				
Block -	Sarvagash Bhaptiyahu				
Agency -	M/s Ramnandan P Ramar Invenyay				
Agreement & Date -					
Length of Road =	2.385 Km				

BT Parcel = 1.685 Km

Date of measurement - 02/11/2021

Record of measurement -

1) Providing & fixing BM Pillar
 2 No/Km + RF Pillar @ 6 No/Km
 — Comp —

= 19 Nos

2) Cleaning & Grubbing road land by
 manual mea — Gm —

36 No X 30m X 3.5m = 5880 m³

5m X 3.5 = 17.5 m²

Continuation = 5897.5 m²

= 0.589 Ha

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
309 & Final Bill					
N/w - Guide Suraksha Bandh to Kosi Maha Setu					
Head - MM 1234 NBST - III					
Agency - Ramana Prasad Raman					
Agreement No - 04/MM 1234/560/2023-24					
Date of start -					
Date of Completion -					

Record Entry

① providing & applying prime				
Coat. - Comp -				
$1 \times 15.00 \times \frac{5.50 + 7.00 + 3.75}{3} =$				$81.25 m^2$
$8 \times 30.00 \times 3.75 =$				$900.00 m^2$
$10 \times 25.00 \times 3.75 =$				$937.50 m^2$
$10 \times 30.00 \times 3.75 =$				$1125.00 m^2$
$8 \times 20.00 \times 3.75 =$				$600.00 m^2$
$8 \times 30.00 \times 3.75 =$				$900.00 m^2$
$1 \times 5.00 \times 3.75 =$				$18.75 m^2$
				$4562.50 m^2$
② providing & applying				
Tack coat - Comp -				

Continuation

Particulars	Details of actual measurement.				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
① providing & fixing B.M pillar & R.F pillar --- Comp ---					
Qty vide TMBP-① = 19 NO					
@ RS 2931.38/each				= RS	55696.22
② clearing & grubbing Road land --- Comp ---					
Qty vide TMBP-③ = 423 Hq					
@ RS 72639.95/Hq				= RS	30726070
③ Excavation for Roadway in Soil --- Comp ---					
Qty vide TMBP-② = 98.62 m ³					
@ RS 101.03/m ³				= RS	9660.49
④ Const. of embankment material --- Comp ---					
Qty vide TMBP-①⑥ = 2175 m ³					
@ RS 250.79/m ³				= RS	530420.8
⑤ Const. of GSB Cr-I --- Comp ---					
Qty vide TMBP-⑦ = 1030 m ³					
@ RS 3802.82/m ³				= RS	3916904.60
⑥ Excavation for foundation --- Comp ---					
Qty vide TMBP-③ = 185.61 m ³					
@ RS 410.66/m ³				= RS	76222.60

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑦ providing cement for Plane/ reinforcement M15 --- Comp ---					
Qty vide TM B P-③				= 14.07 m ³	
@ RS 7944.70/m ³				= RS	111781.92
⑧ providing concrete for Plane/ reinforcement M20 --- Comp ---					
Qty vide TM B P-③				= 62.73 m ³	
@ RS 9036.78/m ³				= RS	566877.20
⑨ supplying fitting plate HYSD Bars --- Comp ---					
Qty vide TM B P-④				= 0.271 MT	
@ RS 86251.77/MT				= RS	23374.22
⑩ plain/reinforcement cement concrete in substructure --- Comp ---					
Qty vide TM B P-④				= 23.61 m ³	
@ RS 9036.78/m ³				= RS	213358.3;
⑪ providing weephole in Abutment --- Comp ---					
Qty vide TM B P-④				= 36 No.	
@ RS 131.02/each				= RS	4716.72
⑫ plain/reinforcement cement concrete in substructure M25 --- Comp ---					
Qty vide TM B P-⑤				= 18.45 m ³	
@ RS 9517.95/m ³				= RS	175606.18

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) Supplying fitting & placing of HYSD Bar — Comp —					
Qty vide TMBP-(5)				= 1.72 MT	
				Unit = 1.57 MT	
① RS 86469.37/MT				= RS 135757.69	
(14) providing & laying filter media — Comp —					
Qty vide TMBP-(5)				= 34.59 m ³	
② RS 4194.02/m ³				= RS 145071.15	
(15) Backfilling behind the abutment — Comp —					
Qty vide TMBP-(6)				= 45.93 m ³	
③ RS 971.23/m ³				= RS 44608.59	
(16) placing/reinforcement cement concrete in superstructure — Comp —					
Qty vide TMBP-(6)				= 24 M	
④ RS 9036.78/M				= RS 216882.72	
(17) providing & laying reinforcement cement concrete M25 — Comp —					
Qty vide TMBP-(6)				= 8.28 m ³	
⑤ RS 10329.92/m ³				= RS 85428.43	
(18) Supplying fitting placing HYSD Bar — Comp —					
Qty vide TMBP-(7)				= 0.678 MT	

Continuation

⑥ RS 88124.01/MT = RS 59748.07

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(19) Parapet construction					
--- Comp ---					
Qty vide TMBP-②					= 2796 m ³
① RS 9036.70/m ³					= RS 25266.61
(20) painting on parapet wall					
--- Comp ---					
Qty vide TMBP-③					= 14.28 m ²
① RS 126.83/m ²					= RS 1811.13
(21) Drainage Spout					
--- Comp ---					
Qty vide TMBP-④					= 12 No
① RS 873.44/each					= RS 10481.28
(22) Providing, laying, spreading					
WBM 1:1:1 --- Comp ---					
Qty vide TMBP-⑤					= 353.19 m ³
① RS 5206.02/m ³					= RS 1838714.21
(23) Const of embankment for					
Soil obtained from Borrow					
pit --- Comp ---					
(a) lead upto 1000 m					
Qty vide TMBP-⑥					= 678.88 m ³
① RS 250.79/m ³					= RS 170256.31
(b) lead upto 100 m					
Qty vide TMBP-⑦					= 2715.54 m ³
① RS 179.90/m ³					= RS 488525.60

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(24) providing & applying prime coat --- Comp ---					
Qty vide TMBP (28) = 4562.50 m ²					
(a) RS 60.73/m ²				= RS	277080.63
(25) providing & applying Tack coat --- Comp ---					
Qty vide TMBP (29) = 4562.50 m ²					
(a) RS 20.79/m ²				= RS	94854.38
(26) providing, laying & rolling mix seal surfacing --- --- Comp ---					
Qty vide TMBP (29) = 4562.50 m ²					
(a) RS 281.89/m ²				= RS	1286123.13
(27) providing & fixing RCC M15 Km Stone --- Comp ---					
(i) Km Stone					
Qty vide TMBP (29) = 3 NO					
(a) RS 3190.30/each				= RS	9570.90
(ii) 200mm Stone					
Qty vide TMBP (29) = 10 NO					
(a) RS 873.50/each				= RS	8735.00
(28) providing & fixing of retro-reflective traffic sign board --- Comp ---					
(i) 600mm equilateral triangle					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty vide TMBP-(29) = 8 NO.					
② RS 4640.73/each				=RS	37125.84
(i) 900mm side octagonal					
Qty vide TMBP-(29) = 2 NO.					
② RS 10869.17/each				=RS	21738.34
(ii) 600mm x 450mm rectangular					
Qty vide TMBP-(29) = 6 NO.					
② RS 6016.78/each				=RS	36100.68
29 Road marking with hot applied thermoplastic compound -- Comp.					
Qty vide TMBP-(30) = 242.00 m ²					
② RS 824.07/m ²				=RS	199424.94
30 Planting of trees by the Road side -- Comp.					
Qty vide TMBP-(30) = 120 NO.					
② RS 1166.46/each				=RS	139975.20
					11048626.89
Add GST @ 18%			(+)		1988752.84
Add Loss @ 1%			(+)		110486.27
Add S. Fee			(+)		111220.06
					13259086.06
less below @ 10%			(-)		1325908.61
					11933177.45
deduction for 10% bill			(-)		9680099.16

Continuation 2253078.00