MMGSY - To3 to Bamer Barwadih (SC)

Schedule XLV-Form No. 134

Ag No - 29 SBD :- 2020-2021

Sherghati DIVISION

Mohanpur SUB-DIVISION

Dhananjay Raj

Measurement Book

1218

Name of work–
Situation of work–
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 measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

Ist on A/c Bill
Name of Work: Construction of road from T03 to Bunar Baradadh
Name of Agency – Dhananjay Raj, at village + P.O. + P.S. - Dobhi Gaya.
Agreement No – 29 SBD - 2020-2021.
Date of work Start – 19-6-2020
Date of completion – 18-2-2021.
Date of measurement – 4/12/20
1. Construction of embankment with material obtained from borrow pits.
$4 \times 25m \times 6m \times 0.40 = 240 m^3$
$4 \times 25m \times 5m \times 0.30 = 150 m^3$
$4 \times 25m \times 6m \times 0.50 = 300 m^3$
$2 \times 25m \times 4m \times 0.50 = 100 m^3$
$2 \times 25m \times 2m \times 0.50 = 50 m^3$
$940 m^3$
2. Construction of subgrade and earthen shoulder as per drawing and technical Spc.

Continuation

Date of measurement

No. and date of agreement

(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.	
1st on A/c Bill					
Name of Work: Construction of road from Toa to Buna's Barahath					
Name of Agency – Dhananjay Rai, at village & P.O. & P.S. Ptthi Gaya					
Agreement No. 29 SBD. 2020-2021					
Date of work start – 19-6-2020					
Date of completion – 18-2-2021					
Date of measurement – 4/10/20					
Construction of embankment with material obtained from borrowpits.					
	4	25m	6m	0.40	$240m^3$
	4	25m	5m	0.30	$150m^3$
	4	25m	6m	0.50	$300m^3$
	2	25m	4m	0.50	$100m^3$
	2	25m	2m	0.50	$50m^3$
					$840m^3$
2. Construction of subgrade and earthen shoulders as per drawing and technical spe.					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

6x25m x 7.50m x 0.40 = 450m³
6x25m x 7.50m x 0.40 = 450m³
6x25m x 7.20m x 0.40 = 432m³
1332m³

3. Construction of granular Sub-base by providing well graded material as per drawing and technical Spfn

8x25m x 4.50m x 0.23 = 207m³
8x25m x 4.05 x 0.25 = 202.50m³
4x25m x 4.05 x 0.20 = ~~103.50m³~~ 81.0m³
490.50m³

C.D. Work

1. Earth work in excavn for foundn of structure as per drawing and technical spfn for two no - 1000mm Ø Hume pipe -

F/W :- 2x2x6.30x1.4x1.50 = 52.92
Pipe portion :- 2x5.9x1.5x0.30 = 5.31m³
58.23m³

2. Providing plain concrete in open foundn as per drawing and technical spfn.

Face wall :- 2x2x6.30x1.4x0.15 = 5.29m³

Continuation

3. Providing plain concrete in open foundn as per spfn.

F/W: 2x2x6x1.025x1.35 = 33.21m³
Below - 2x5.9x1.5x0.25 = 4.42m³
37.63m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4. Providing Plain Concrete in Sub structure Complete as per drawing and technical sp[illegible]					
F/W:- 2x2x6x0.53x1.85					= 23.03m³
:- 2x2x6x0.40x0.60					= 5.76m³
					28.79m³
Deduct for pipe portion:-					
2x2x3.14/4x(1.2)²x0.60					= 2.26m³
Net:-					26.53m³
5. Providing and laying ISI Mark cement concrete hume Pipe as per drawing and technical sp[illegible] - 1000mm dia Hume pipe					
2x3x2.5m					= 7.50M (1.5M)
6. Filling in foundⁿ trenches as per drawing and technical sp[illegible].					
F/W:- 2x2x6x0.406					= 9.72M
Around pipe:- 2x6.30x1.5x0.9					= 17.02M
Deduct Pipe Portion					
2x6.30x0.91					= 11.47M
					15.27m³
(7) Construction of reference pillar and Bench mark					
20x25					= 500M
1x3m					= 3M
					503M = 0.503Km

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(ii) Construction of [illegible] pillar and boulder:					
20x25m = 500m					
1x3m = 3m					
503m —					0.503km
2. Clearing and grubbing Road land of forest:-					
20x25mx7m				=	3500m²
3mx7m				=	21m²
					3521m²
or —					0.3521Ha
4/12/20 J.E					04.12.20 AE
Material statement					
(i) E/W – 2172m³					
(ii) Chips – 504.03m³					
(iii) Sand:– 235.85m³					
4/12/20 J.E					04.12.20 AE

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area

Abstract of cost

1 (i) Construction of B.M. and reference pillars- Quantity vide Page (3) 0.503 Km @ Rs. 4962.94/Km Rs. 2496

(ii) Construction of reference pillars and Burjees quantity vide Page-(4)-0.503 Km @ Rs. 3427.22/Km Rs. 1724=

2. Clearing and grubbing road land quantity vide Page-(1) 0.3521 Hect @ Rs. 51161.75/Hect Rs. 18014=

(3) Construction of embankment with Lead- 100 M Quantity vide Page-(1), 84 m³ @ Rs. 139.79/m³ Rs. 117424=

(4) Construction of Subgrade and earthen shoulder Quantity vide Page-(2) 1332 m³ @ Rs. 183.51/m³ Rs. 2,44,435=

(5) Construction of granular sub-base by providing well graded material

C/O. 3,84093=

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/F Rs	384093=
(5) Construction of granular sub-base by providing well graded material Quantity vide Page (2), 490.50 m³ @ Rs. 1959.10/m³					Rs. 960939=
C.D. Work					
6. Earthwork in excavation for foundation of structure Quantity vide Page (2) 58.23 m³ @ Rs. 294.73/m³					Rs. 17162=
(7) Providing plain concrete in open foundation quantity vide Page (2), 5.29 m³ @ Rs. 4497.04/m³					Rs. 23789=
8. Providing plain concrete in open foundation quantity vide Page (2) - 37.635 m³ (5.29 m³) @ Rs. 4738.4733.68/m³					Rs. 178128=
(9) Providing reinforcement in plain concrete in sub structure quantity vide Page (3), 26.53 m³ (28.79 m³) @ Rs. 5160.46/m³				Rs.	136907= (148571=)
				C/F	1701018=

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B/F Rs. 17[illegible]					
(10) Providing and laying ISI Mark wooden Hume pipe quantity vide Rate - ③, 15 M @ Rs. 4043.71/m Rs. 6066[illegible]					
(11) Filling in foundation trenches quantity vide Rate - ③, 15.27m @ Rs. 478.11/m Rs. 7301=					
					Rs. 1714385
Less 3.0% below as per Agreement Rs. 51432=					
					Rs. 1662953=

[signature] 4/12/20 J.E.

[signature] 04.12.20 A.E.

Continuation