

1st on A/c Bill

1

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work - madhya vidyalay					
Tarwara to Tarwara Koshi Bandh					
Name of Agency - Sri Jagaj Kumar					
Ray at Bara Bhojpur					
Bara Khrausi Ara Bhojpur					
Agreement No - 15/SBD/2022-23					
mm GSY (Gen)					
Date of Start - 07/01/2023					
Date of Completion - 06/10/2023					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8 x 30 x 3.50					= 840.00 m ²
3 x 30 x 3.50					= 315.00 m ²
7 x 30 x 3.50					= 735.00 m ²
3 x 30 x 3.50					= 315.00 m ²
8 x 30 x 3.50					= 840.00 m ²
3 x 30 x 3.50					= 315.00 m ²
1 x 30 x 3.50					= 105.00 m ²
1 x 10 x 3.50					= 35.00 m ²
					<u>3500.00 m²</u>
					= 35,000 / 10,000
					= 0.35 Ha

④ Excavation for roadwork

in soil with hydraulic excavator — do — E11

$$2 \times 4 \times 30 \times 0.975 \times 0.10 = 11.90 \text{ m}^3$$

$$2 \times 3 \times 30 \times 0.975 \times 0.100 = 8.55 \text{ m}^3$$

$$\underline{19.95 \text{ m}^3}$$

⑤ Construction of embankment with material obtained from borrow pits — do — E11

$$2 \times 3 \times 30 \times (1.50 + 1.25) \times 0.60$$

$$2 \times 3 \times 30 \times (1.50 + 1.25) \times 0.55$$

$$= 136.13 \text{ m}^3$$

$$1 \times 4 \times 30 \times (1.50 + 1.25) / 2 \times 0.50$$

$$= 81.00 \text{ m}^3$$

Continuation

$$\underline{415.13 \text{ m}^3}$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	B/F				415.13m ³
1x30.0x(6.0+5.10)x0.50					= 83.25m ³
1x30.0x(6.0+4.85)/2x0.60					= 97.65m ³
8x30x(6.0+4.60)/2x0.60					= 763.20m ³
3x30x(6.0+4.60)/2x0.50					= 208.50m ³
1x20x(6.0+4.60)/2x0.50					= 53.0m ³
3x30x(6.0+4.45)/2x0.50					225.13 = 253.85m ³
					1885.86m ³
(i) Lead upto 1000 m					759.39m ³
(ii) Lead upto 100 m					1131.51m ³
⑥ Construction of granular sub-base by providing well graded material — do — B/I					
2x3x30x0.475x0.100					= 8.55m ³
2x4x30x0.475x0.100					= 11.90m ³
Profile Correction 5x2.50x0.100					= 1.25m ³
6x2.25x0.100					= 1.35m ³
3x2.0x0.10					= 0.60m ³
4x2x0.10					= 0.80m ³
5x2.20x0.10					= 1.10m ³
Continuation					25.05m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		0/f -			25.05 m ³
		5.50 x 2.15 x 0.10			= 1.18 m ³
1 x 30		(4.10 + 4.05)/2		0.10	= 12.23 m ³
1 x 30		x (4.05)		0.10	= 12.15 m ³
1 x 30		x (4.05 + 3.75)/2		0.10	= 11.70 m ³
1 x 30		x (3.75 + 4.05 + 3.75)/3		0.10	= 11.55 m ³
3 x 30		x 3.75 x 0.100			= 33.75 m ³
3 x 30		x 3.75 x 0.100			= 33.75 m ³
1 x 30		x (4.05 + 3.75)/2		0.100	= 11.70 m ³
1 x 30		x (3.75 + 4.05)/2		0.100	= 11.70 m ³
1 x 30		x (4.05 + 3.75)/2		0.100	= 11.70 m ³
1 x 20		x 3.75 x 0.100			= 7.50 m ³
3 x 30		x 3.75 x 0.100			= 33.75 m ³
4 x 30		x 3.75 x 0.100			= 45.00 m ³
1 x 5		x 3.75 x 0.100			= 1.88 m ³
					<u>264.59 m³</u>
⑦ Providing, laying, spreading and compacting stone aggregates					
		clo		0.1	
3 x 30		x 3.75 x 0.075			= 25.31 m ³
4 x 30		x 3.75 x 0.075			= 33.75 m ³
1 x 30		x (4.10 + 4.05)/2		0.075	= 9.17 m ³

Continuation

68.23 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B/f -			68.23 m ³
	1x	30.0	$\times (4.05 + 3.75) / 2 \times 0.075$		
					= 8.78 m ³
	1x	30.0	$\times 3.75 \times 0.075$		
					= 8.94 m ³
	1x	30	$\times (3.75 + 4.05 + 3.75) / 3 \times 0.075$		
					= 8.66 m ³
	6x	30	$\times 3.75 \times 0.075 = 50.63 m^3$		
	1x	30	$\times (4.05 + 3.75) / 2 \times 0.075$		
					= 8.78 m ³
	2x	30	$\times 3.75 \times 0.075 = 16.88 m^3$		
	1x	10	$\times 3.75 \times 0.075 = 2.81 m^3$		
	3x	30	$\times 3.75 \times 0.075 = 25.31 m^3$		
	4x	30.0	$\times 3.75 \times 0.075 = 33.75 m^3$		
	1x	5	$\times 3.75 \times 0.075 = 1.41 m^3$		
					<u>233.68 m³</u>

⑧ Providing and fixing of typical
mmGSX informative sign board
do ———— E/I

— 2.0 Nos

(Signature)
25/10/2023
SE

(Signature)
25/10/23
AE

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of Cost</u>					
(VI) Providing and fixing of Benchmark					
do					E/I
(P/1)	01.0 No		@ B. 9081.39		= B. 9081.0
(2) Providing and fixing of Reference pillars					E/I
do					E/I
(P/1)	4.0 Nos		@ B. 1885.68		
					= B. 7543.00
(3) Clearing and grubbing road land					E/I
do					E/I
(P/2)	0.35 Ha		@ B. 52877.81		
					= B. 18858.0
(4) Excavation for road work in soil					E/I
do					E/I
(P/2)	19.95 m ³		@ B. 75.61		= B. 1508.00
(5) Construction of embankment with material obtained					
do					E/I
(I) for 100m lead					
(P/3)	754.24 1131.51 m ³		@ B. 190.42		
					= B. 143641.0
(II) for 100m lead					
	1131.51 m ³		@ B. 154.40		
					= B. 174705.0
					<u>B. 350336.0</u>

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B/F	R.	350	336.0
⑥ Construction of granular sub-base by providing well graded					
do				ET	
(P/A) 264.59 m ³ @ R. 3153.86					
					= R. 837480.0
⑦ Providing laying spreading and compacting stone aggregates					
do				ET	
(P/S) 233.68 m ³ @ R. 3926.59					
					= R. 917566.00
⑧/14 Providing and fixing of typical masonry informative sign board					
do				ET	
(P/S) 2.0 Nos @ R. 9643.56					
					= R. 19287.00
					R. 21,21,669.00
Add GST @ 12%					R. 2,59,600.0
Add LC @ 1%					R. 21,217.00
Add SF					R. 38,050.00
					R. 24,35,536.00
Less 1.76% as per agreement					
					(M) R. 42,865.00
					R. 23,92,671.00

05/10/2023
JE

15/10/23
Continuation