

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	B.P.	R.	750	409.00	
Add @ 12% GST (+)	Rs.	900	49.00		
Add @ 1% Labour (+)	Rs.	750	4.00		
Add @ 10% Seigniorage fee					
E/W: 966.66 m ³ @ Rs. 3.98 =	Rs.	3384.00			
G.B. 1: 62.64 m ³ @ Rs. 46.29 =	Rs.	2900.00			
W.B. 3: 57.38 m ³ @ Rs. 63.77 =	Rs.	3657.00			
P.C.M. 15: 8.55 m ³ @ Rs. 46.57 =	Rs.	398.00			
Plan/Rec 1 41.61 m ³ @ Rs. 53.91 =	Rs.	2243.00			
Total S.R. =	Rs.	12562.00			
					Rs. 8,60,524.00
Less @ 2.64% below as per agreement (-)	Rs.	22718.00			
					Rs. 8,37,806.00

15.12.2022
JE

SW
15.12.22
AE

CHP
15.12.22

Material Statement

E/W =	966.66 m ³
Stone Aggregate:	133.59 m ³
Stone chips:	44.28 m ³
Local sand:	24.01 m ³
Sand:	22.82 m ³
Mossam:	13.77 m ³

15.12.2022
JE

SW
15.12.22
AE

No.	L.	B.	D.	of area	Financial	Total No Of	Length	Complete Scheme	Incomplete Scheme	Length	Remarks
	B.R.	Rs.	376055.00								
9/22	RCC Pipe duct across the road										
	item 14/22	VTMB									
P/4	15.00 m @	Rs. 863.06/m									
		= Rs. 12946.00									
10/24	MMGSY Informatory Sign Board										
	with logo item 2/24	VTMB									
P/2	2 nos @	Rs. 9277.13/each									
		= Rs. 18554.00									
11/25	Citizen Board	item 3/25	VTMB								
P/2	1 no @	Rs. 9277.13/each									
		= Rs. 9277.00									
12/27	E/W in excavation for foundn of stack										
	item 5/27	VTMB									
P/3	46.98 m ³ @	Rs. 279.09/m ³									
		= Rs. 13112.00									
13/28	P/V PCC M15 (1:2:5.5)	item 6/28	VTMB								
P/3	8.55 m ³ @	Rs. 4899.45/m ³									
		= Rs. 41890.00									
14/29	Plain/RCC	item 7/29	VTMB								
P/3	41.61 m ³ @	Rs. 5618.72/m ³									
		= Rs. 233795.00									
15/30	RCC N-P3	Hydrapipe of 600 mm dia									
	item 8/30	VTMB									
P/3	22.50 m @	Rs. 1990.21/m									
		= Rs. 44780.00									
	C.O.	Rs. 750409.00									

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Working Bench mark Allar item 9/1 VTMB					
P/A - 01 no @ Rs. 3716.04 / each					
				= Rs. 3716.00	
(2) Reference collar item 10/2 VTMB					
P/A - 3 nos @ Rs. 1750.76 / each					
				= Rs. 5252.00	
(3) clearing and scrubbing roadlands item 1/3 VTMB					
P/2 - 040 hect. @ Rs. 52970.33 / hect.					
				= Rs. 21188.00	
(4) Box Cutting item 11/4 VTMB					
P/A - 105.00 m ³ @ Rs. 75.57 / m ³					
				= Rs. 7935.00	
(5) Constrn of embankment with 100 m lead item 4/6 VTMB					
P/2 - 479.68 m ³ @ Rs. 197.57 / m ³					
				= Rs. 94756.00	
(6) Subgrade & earthen shoulder item 15/1 VTMB					
P/A - 335.00 m ³ @ Rs. 209.50 / m ³					
				= Rs. 70183.00	
(7) GSB gr. I item 12/8 VTMB					
P/A - 62.64 m ³ @ Rs. 1344.23 / m ³					
				= Rs. 84203.00	
(8) WBM gr. II item 13/9 VTMB					
P/A - 57.38 m ³ @ Rs. 1547.96 / m ³					
				= Rs. 88822.00	

Continuation

C.O. Rs. 376055.00

1st R/A 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-	Construction of Road				
and CD work with Maintenance					
for Sheikhpur-Ghatkumbha Road					
to Laxmipur Anasuehit Tola					
Under Head	MMGSY (S.O)/NDB				
Package No -	MMGSY-NDB-BRRP-				
	- 259 - Sheikhpur				
Agency-	Vishal Enterprises,				
Prop. -	Vikash Kumar Pandey				
At -	Mohini Market, 2nd Floor				
Near -	Raj Kumar Hotel,				
Exhibition Road, Patna-80001					
Agreement No -	29 (SBD)/2021-22				
Agreement Value:					
Const ⁿ Cost = Rs.	63349/10 = 10				
Maint. Cost = Rs.	489204 = 4				
Total Cost = Rs.	68,04,14 = 10				
Date of Commencement:	27.01.2022				
Date of Completion:	26.01.2023				
Date of Measurement:	6.08.2022				
	to 15.12.2022				
Date of Entry:	15.12.2022				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
①/3 Clearing and Grubbing roadlands					
	25	1	30	5.00	= 3750.00 m ²
	1	30	5.00		= 150.00 m ²
	1	20	5.00		= 100.00 m ²
					<u>4000.00 m²</u>
	4000.00 ÷ 10000 = 0.40 hect.				

②/24 P/F typical MMGSY Informatory Sign
Board with logo — 02 nos.

③/25 P/F Citizen Board — 01 no.

④/6 Constⁿ of embankment with 100m lead.
Calculation of E/W

Ch.	Differential length	C/S Area	Mean C/S Area	Volume (m ³)
0	0	0.683	—	—
50	50	0.604	0.643	32.175
100	50	0.606	0.605	30.250
150	50	0.628	0.617	30.850
200	50	0.627	0.626	31.325
250	50	0.712	0.669	33.475
300	50	0.563	0.637	31.875
350	50	0.447	0.505	25.250
400	50	0.594	0.520	26.025
450	50	0.601	0.597	29.875
500	50	0.651	0.626	31.300
550	50	0.845	0.748	37.400
600	50	0.785	0.815	40.750
650	50	0.604	0.694	34.725
700	50	0.576	0.590	29.500
750	50	0.595	0.585	29.275
800	50	0.640	0.617	30.875

Continuation

504.925 m³Qty 95% of 504.925 m³ = 479.68 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Construction of Alum Pipe					
Calvert of 600 mm dia in					
Single row (3 nos.)					
@ CH -		0.00 m			
@ CH -		500 m			
@ CH -		750 m			

(5/27) E/W in excavation for foundⁿ of structure

$$H.W. - 2 \times 3.90 \times 1.15 \times 1.50 = 13.455 \text{ m}^3$$

$$\text{Below Pipe} - 1 \times 5.35 \times 1.13 \times 0.365 = 2.207 \text{ m}^3$$

$$15.66 \text{ m}^3$$

$$\text{Qty for 3 nos. HPC} = 3 \times 15.66 \text{ m}^3$$

$$= 46.98 \text{ m}^3$$

(6/28) P/V PCC MIS (1:2.5:5) for kerelling

Course in foundation

$$H.W. 2 \times 3.90 \times 1.15 \times 0.15 = 1.3455 \text{ m}^3$$

$$\text{Below Pipe} - 1 \times 5.311 \times 1.13 \times 0.25 = 1.50 \text{ m}^3$$

$$2.85 \text{ m}^3$$

$$\text{Qty for 3 nos HPC} = 3 \times 2.85 \text{ m}^3$$

$$= 8.55 \text{ m}^3$$

(7/29) P/V Plain/Rec Concrete in open foundⁿ

$$H.W. - 2 \times 3.60 \times 0.70 \times 2.18 = 10.907 \text{ m}^3$$

$$\text{Parapet} - 2 \times 3.60 \times 0.40 \times 1.20 = 3.456 \text{ m}^3$$

$$\text{Less for Pipe} - 2 \times \frac{\pi}{4} \times 0.85^2 \times 0.53 = 0.574 \text{ m}^3$$

$$13.87 \text{ m}^3$$

$$\text{Qty for 3 nos HPC} = 3 \times 13.87 \text{ m}^3$$

$$= 41.61 \text{ m}^3$$

(8/30) P/L RCC NP-3 Alum Pipe of 600 mm dia in
Single row

$$3 \times 3 \times 2.50 = 22.50 \text{ m}$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	B.F.		R.		750409.00
Add @ 12% GST (+)			R.		90049.00
Add @ 1% Labourless (+)			R.		7504.00
Add @ 10% Seigniorage fee					
E/W: 966.66 m ³ @ Rs. 3.48 =					Rs. 3364.00
GGB 30: 62.64 m ³ @ Rs. 46.29 =					Rs. 2900.00
WBM 3: 57.38 m ³ @ Rs. 63.78 =					Rs. 3657.00
PCC M15: 8.55 m ³ @ Rs. 46.54 =					Rs. 398.00
Plaid/Rec: 41.61 m ³ @ Rs. 53.91 =					Rs. 2243.00
Total S.R. =					Rs. 12562.00
					Rs. 8,60,524.00
Less @ 2.64% below as per agreement					Rs. 22718.00
					Rs. 8,37,806.00

15.12.2022
15
JE

Material statement

E/W = 966.66 m³
 Stone Aggregate: 133.59 m³
 Stone chips: 44.28 m³
 Local sand: 24.01 m³
 Sand: 22.82 m³
 Mooram: 13.77 m³

15.12.2022
15
JE