

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.	
1st on A/c Bill					
Name of work: - Construction					
of Road From Ramgarhwa-					
Piparpatti Path To Shikpur Binta					
Agency: - Masih UBB & N					
Agreement No: - SBA 25/2019-20					
Date of work order: - 15/01/2019					
Date of completion as per					
agreement: - 14/7/2020					
Date of entry: - 15/12/20					

① Providing letting out

1 Piles --- do --- do ---

$$1 \times 805.00 = 805.00$$

$$\text{say} = 0.805 \text{ m}^2$$

② clearing and grubbing

2 Road land including

approaching shaft, sub.

--- do --- do ---

$$5 \times 30.00 \times 6.00 \text{ m} = 900.00 \text{ m}^2$$

$$7 \times 30.00 \times 6.00 \text{ m} = 1260.00 \text{ m}^2$$

$$8 \times 30.00 \times 6.00 \text{ m} = 1440.00 \text{ m}^2$$

$$8 \times 30.00 \times 6.00 = 1080.00 \text{ m}^2$$

$$1 \times 25.00 \times 6.00 = 150.00 \text{ m}^2$$

$$4830.00$$

$$\text{say} = 0.483 \text{ Hect.}$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③ Excavation for Roadway					
in soil using manual					
Width -- do -- do -- 8m					
$2 \times 20 \times 30.10 \times 0.775 \times 0.102$					120.90 m ³
$2 \times 1 \times 25.10 \times 0.775 \times 0.102$					3.875 m ³
					Total = 124.775 m ³
④ Elongate Excavation for					
Foundation -- do -- do -- 2m					
$2 \times 6.60 \times 1.40 \times 1.50 =$					27.720
$1 \times 7.5 \times 12.3 \times 0.80 =$					7.38
$2 \times 3.80 \times 2.23 \times 0.54 =$					9.157
$1 \times 6.60 \times 0.60 \times 0.84 =$					3.326
					47.577 m ³
⑤ Prov. final class bedding					
-- do -- do -- 2m					
$1 \times 6.60 \times 1.23 \times 0.25 =$					2.029 m ³
⑥ Prov. Backfilling in					
Found'n -- do -- do -- 2m					
$2 \times 6.60 \times 0.70 \times 0.99 =$					2.221
⑦ Prov. Plain Cement					
in leveling course.					
-- do -- do -- 8m					
$2 \times 6.60 \times 1.40 \times 0.150 =$					2.772
⑧ Providing & laying reinforced					
concrete 100mm					
dia 10mm pipe do do					
$3 \times 2.5 =$					7.50 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) Prov. Brick Masonry					
for Abutment - do - do					
	2	6.6	0.83	2.47	27.061
	2	6.6	0.40	0.50	2.640
Less for pipe	2	0.6125	1/4	1.08	1.132
					27.56943
				by	25.7204
(10) Prov. Plastering with					
Cement Mortar - 1:4					
- do - do - do					
	2	6.6	0.97	2	12.804
	4	6.6	0.50	2	13.20
	2	6.6	0.40	2	5.28
	4	0.4	0.50	2	0.80
					32.08 m ²
(11) Construction of					
Granular Sub base					
by spreading - do -					
- do - do					
Brick cutting	2	2.6	30.00	0.775	0.102
	2	1	25.00	0.775	0.102
Patch	2	30.00	2.50	0.10	2
	1	21.77	2.50	0.10	2
Throughput	18	0.7	5.44	0.05	0.102
	9	0.7	30.00	4.05	0.102
	8	0.7	30.00	4.05	0.102
	1	0.7	29.00	4.05	0.102

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		19.00	4.05	0.10	12.397
		14.00	4.05	0.10	5.67
		30.00	4.05	0.10	12.150
		11.00	5.70	0.10	5.665
		16.00	4.31	0.10	7.120
		30.00	4.05	0.10	12.15
		17.00	4.05	0.10	12.50
		14.00	4.05	0.10	5.67
		20.00	4.05	0.10	8.866
		30.00	4.05	0.10	12.150
		30.00	4.05	0.10	14.40
					483.145

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(12) Providing Laying

Spreading & Compaction

WBH-III do do do

	18.00	$\times 7.5$	$\div 3.75$	$\times 0.075$	$= 7.594$
			$\div 2$		
	9	$\times 30.00$	$\times 3.75$	$\times 0.075$	$= 75.938$
	8	$\times 30.00$	$\times 3.75$	$\times 0.075$	$= 67.50$
	29.00	$\times 3.75$	$\times 0.075$	$= 8.157$	
	19.00	$\times 9.0$	$\div 3.75$	$\times 0.075$	$= 9.085$
			$\div 2$		
	14.00	$\times 3.75$	$\times 0.075$	$= 3.938$	
	30.00	$\times 3.75$	$\times 0.075$	$= 8.438$	
	11.00	$\times 5.70$	$\div 4.60$	$\times 0.075$	$= 4.249$
			$\div 2$		
	16.00	$\times 4.3$	$\div 4.6$	$\times 0.075$	$= 5.340$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		16.00	4.30	4.60	71.20
		30.00	3.75		112.50
		17.00	3.75	4.4	67.429
		14.00	3.75		52.50
		20.00	3.75	5.2	84.680
		1 x 30.00	3.75		112.50
		30.00	3.75	6.3	138.00
					3104.094

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(17) Providing and applying

Track coat with bitumen

emulsion (RS-1) do.

-- do -- @ 12

Same measurement

as item above - 3104.094

(18) Providing & SS Laying

and rolling closed
graded premix surface

--- do --- @ 12

Same measurement as

item above - 3104.094

19/12/13
Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(19) Construction of earthen shoulder - do - do etc					
	2	25	30	10	295
					486.75
(20) Prov. & fixing 600 mm equilateral triangle - do - do etc					
				1	3
					3 NOS
(21) Prov. & fixing octagon - do - do etc					
				1	4
					4 NOS
(22) Prov. & fixing key Stone - do - do etc					2 NOS
(23) Prov. & fixing pvs - do - do etc					
				1	3
					3 NOS
(24) Prov. & fixing filler - do - do etc					
				1	16
					16 NOS
(25) Providing & fixing masonry Project Board - do - do etc					
				1	3
					3 NOS
(26) Prov. & fixing line Doors - do - do etc					
	2	26	30	10	2
					156.00
	2	1	25	10	2
					5.00
					161.00

Continuation

Particulars	Details of actual measurement				Contents of area		
	No.	L.	B.	D.			
Earthwork Quantity Sheet							
Cutting Volume		Filling Volume					
CH	Area	Mean Volume	Area	Mean Volume	Volume		
0.0	0.00	0.00	-	2.412	1.206	0.00	0.00
50	0.00	0.00	-	4.361	2.387	50.00	169.325
100	0.00	0.00	-	4.65	4.586	50.00	225.275
150	0.00	0.00	-	7.525	6.088	50.00	304.375
200	0.00	0.00	-	5.125	6.325	50.00	316.25
250	0.00	0.00	-	4.065	4.605	50.00	230.25
300-0.085	0.002	0.075	2.687	3.387	50.00	169.35	
350-0.317	0.166	8.00	0.837	1.793	50.00	89.65	
400	0.614	0.463	23.275	0.556	0.727	50.00	36.325
450	1.625	1.120	55.925	0.320	0.432	50.00	21.90
500	0.00	0.00	40.625	3.625	1.982	50.00	77.325
550	0.00	0.00	-	2.457	3.047	50.00	152.35
600	0.00	0.00	-	2.625	2.532	50.00	126.600
650	0.00	0.00	-	2.048	2.337	50.00	116.825
700	0.00	0.00	-	1.357	1.705	50.00	85.125
750-0.00	0.00	-	0.86	1.109	50.00	55.425	
805-0.00	0.00	-	0.977	0.919	55.00	50.518	
					Total (A)	2248.918	
Less Forecast							
Roadway cutting -					127.950		
Subgrade -					486.750		
Benching -					124.975		
G.S.B.					483.145		
G.H.-W.					232.992		
M.S.S.					62.00		
					W.	1517.612	
Total					A.B.	712.306	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(27) Excavation of Roadwork 9 2m 00.4 - do - do					
		127.95	45	0.008	127.95 m ³
(28) construction of embankment with approved material - do - do - do					
		781.306	m (CMP-8)		781.306 m ³
(29) construction of embankment from local way cutting					
		124.775	760.7		74.865 m ³
(30) 2m 00.4					

ABSTRACT OF COST

(1) Providing Reference (Hwy) - do - do - do				
0.805 km (CMP-8-1)				
@ Rs 49975.65/km				Rs 39826.00
(2) clearing & grubbing - do - do				
0.483 Hect. (CMP-8-1)				
@ Rs 49803.13/Hect				Rs 24055.00
(3) Road cutting excavation & do 124.775 m ³ (CMP-8-2)				
@ Rs 83.40/m ³				Rs 10406.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) Burial excavation for					
47.5729m ³ (LTMSP-5)					
8.10m ³ (LTMSP-5)					
55.697m ³					
dy - 53.73m ³ @ 284.91/m ³ -					15271.00
(5) Prov. first class bedding					
- do - do -					
2.029m ³ (LTMSP-2)					
@ 562.40/m ³ -					1141.00
(6) Prov. Backfilling - do					
- do - do -					
2.4m ³ (LTMSP-2)					
@ 767.94/m ³ -					1691.00
(7) Proo. laying PCCMIS -					
leveling course - do					
- do - do -					
2.72m ³ (LTMSP-2)					
@ 6498.04/m ³ -					18000/-
(8) Prov. & laying 300mm dia					
dune Pipe - do - do -					
22.50m ³ (LTMSP-5)					
@ 926.98/m ³ -					20857.00
(9) Providing and laying					
1000mm dia dune Pipe -					
- do - do -					
7.50m ³ (LTMSP-2)					
@ 4286.87/m ³ -					32152/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) Brick masonry in dead wall - do - do					
25.72 m ³ (UTM BP-3)					
@ 8014.93/cu ^{ft}					206144.00
(11) Plastering with ch ^o 1:4 do - do - do					
32.08 m ² (UTM BP-3)					
@ 376.08/m ²					12065.10
(12) Construction of G.S.B do - do - do					
483.145 m ³ (UTM BP-3)					
@ 3207.83/cu ^{ft}					1549847.00
(13) Providing laying & spreading UTM - do - do - do					
232.992 m ³ (UTM BP-5)					
@ 4062.38/cu ^{ft}					946502.00
(14) Providing & applying SS - frame coat do - do - do					
3104.094 m ² (UTM BP-6)					
@ 52.56/m ²					163151.00
(15) Prov. & applying Gravel Coat @ 5:1 - do - do					
3104.094 m ² (UTM BP-6)					
@ 19.02/m ²					59040.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16) Prov. mss laying and polling - do -					
- do - B/L					
3104.094 m ² (UTMBP-6)					
@ Rs 258.78/m ²					Rs 803277.00
(17) construction of earthen shoulder - do - do -					
486.75 m ² (UTMBP-7)					
@ Rs 187.75/m ²					Rs 91387.00
(18) Prov. 600 mm equivalent - do - do - B/L					
3 Nos (UTMBP-7)					
@ Rs 3770.54/No					Rs 11310.00
(19) Prov. 900 mm octagon - do - do - B/L					
4 Nos (UTMBP-7)					
@ Rs 8725.54/No					Rs 34900.00
(20) Prov. km Post - do -					
- do - B/L					
2 No (UTMBP-7)					
@ Rs 2635.79/No					Rs 5272.00
(21) Prov. 200 mm post -					
- do - do - B/L					
3 No (UTMBP-7)					
@ Rs 715.44/No					Rs 2147.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(22) Prov. Boundary Pile					
-- do -- do --					
16 No (C/T M B P - 7)					
@ Rs 513.94/m					Rs 8223.00
(23) Prov. Boundary Project					
Board -- do --					
3 No (C/T M B P - 7)					
@ Rs 11457.71/m					Rs 34373.00
(24) Prov. Boundary Line					
Painted -- do --					
161.00 m ² (C/T M B P - 7)					
@ Rs 849.66/m ²					Rs 136795.00
(25) Excavation of Road					
Work -- do --					
125.95 m ² (C/T M B P - 8)					
@ Rs 83.64/m ²					Rs 10702.00
(26) Constn of embankment					
Roadway cutting					
-- do -- do --					
74.86 m ³ (C/T M B P - 9)					
@ Rs 189.72/m ³					Rs 14203.00
(27) Constn of embankment					
Obtain from borrow					
Pit -- do --					
731.39 m ³ (C/T M B P - 9)					
@ Rs 191.47/m ³					Rs 140023.00

Continuation

Job No 4393362.00

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