

Agreement No. 05/MMGS (ST)/SBD/2020-21

Schedule XLV-Form No. 134

Name of Work - BHUTIjhari to BHEL Topi

R.2.D (W.D) Kichanganj-2

DIVISION

Thakurganj

SUB-DIVISION

MB. No-1065

MEASUREMENT BOOK

Name of Agency - MD. Mustaque Alam

0.04%

15# A/C BILL

↑

Situation of work—

Agency by which work is executed—

Date of measurement—

No. and date of agreement.

No. and date of agreement.
(These four lines should be repeated at the commencement of
the measurements relating to each work.)

N/W	-	Const. of Road.
		Bhuti Jhari to
		BHEL TOPi at
		Thakurganj block
		under M445y

N/Agon MD. Mustange Alam

Agreement - 05/MH457/3BD/2020-21
(SH)

dt. of commencement - 22/4/2020

Dt. of Completion - 21-01-2021

(1)	clearing and grubbing Road land all cov
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10X30.0X	2.25	2	675.0
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$$10 \times 30.0 \times 2.25 = 675.0$$
$$10 \times 30.0 \times 2.25 = 675 \text{ lb}$$
$$1 \times 30.0 \times 2.25 = 67.5 \text{ kN}$$
$$1 \times 20.0 \times 2.25 = 45.0$$
$$= 2137.50$$
$$i_e = 0.21 \text{ Ma}$$

2.	providing a fixi		
	of working bench		
	Mark pillar / Ref.		
	Pillar		

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(i) Bench mark pillar					
1 X 0.950 km					0.950 km
(ii) Reference pillar:-					
1 X 0.950 km					0.950 km
3 providing and fixing 'logo' of project MMUSY Sign Board all cell					
1 X 2.0					2.00
1 X 2.0					2.00
1 X 1.2					1.20
Bundled 01/08/2020					5.00 MS
H.P Culvert					
4 E/Work in Execution for foundn. of strike all cell					
HW- 2 X 6.50 X 1.45 X 1.50					28.28
Bellied PIP 2 X 4.090 X 1.55 X 0.40					3.0
					= 31.28
					MS
				dim.	29.80 m ³

Continuation

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Sch. XLV--Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L	B	D	
5	providing M 15 pcc as leveling Course in foundation all				
HW	2x6.45x1.40x0.150				2.709
below	1x4.93x1.53x0.15				= 1.886
less	0.25x0.785x1.230x5.49620163				
					= 2.96 MS
	5 No				5x2.96 = 14.8 M ³
(6)	providing concrete for plain reinforcement concrete in open				
in open place					
HW	2x6.15x0.83x2.32				26.181
Prepared	2x6.15x0.400x1.10				= 5.909
Less pipe	2x0.79x1.23x0.622x1.978				
					= 30.610 MS
	5 No				5x30.61 = 153.05
(7)	providing and laying RCC Pipe NP-3 for Culvert all rep				
	3x2.50				= 7.50 M
(8)	Brick Masonry in C.M (1:3) all rep				

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
		2x6.50x0.40x0.60			3.12 M ³
		5 No. 5x3x2 5x3x2			15.60 M ³
9		prov. pcc M20			
		all up			
		2x6.50x			13.00 M.
		5 No. up = 13.00			52.65 M ³
(10)		playing with			
		C.M (1:4) all up			
		Side face:-			
		4.0x6.50x0.60			15.60
Top		2.0x6.50x0.40			5.20
		4.0x6.50x0.60			15.60
					= 21.26 M ³
		5 No. up = 5x21.26			108.8 M ³
(11)		prov and laying of 9			
		Rcc pipe duct 300			
		all			
		120x2.50			30 Met.

Continuation

Bunny
03/05/2020

EARTH WORK QUANTITY SHEET

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Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
Ch.	Pill An	Mean An	Dist.		Pill Volume
0	0.855	6.44			24.50
50	0.125	0.245	50		12.25 24.5
100	0.365	0.865	50		43.25 12.25
150	1.365	0.963	50		43.25
200	0.568	0.385	50		48.33 39.25
250	1.002	1.134	50		56.68
300	1.265	0.962	50		48.080
350	0.658	0.824	50		41.18
400	0.989	1.123	50		56.13
450	1.256	0.811	50		40.53
500	0.865	1.012	50		50.80
550	1.658	1.453	50		72.80
600	1.453	1.205	50		60.23
650	0.898	1.205	50		75.80
700	1.511	1.516	50		93.63
750	1.521	1.873	50		87.23
800	2.224	1.745	50		131.48
850	1.265	2.630	50		140.90
900	3.994	2.878	50		140.90
950	1.642	2.818	50		140.90
100 m head -					1126.630
					M ³

Continuation

ABSTRACT OF COST

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) clearing and grubbing of road land all up					
vide TMB PN- 01					
9th No- 01					
@ Rs = 51133.76/Ha					
			B =		107382
(2) prov. and fixing setting out pillar					
(1) Bench mark pillar					
vide TMB PN- 1/2					
9th No- 20					

~~15th No- 35854/Ha B674~~

(ii) Reference pillar					
vide TMB PN 1/2					
9th No- (11)					
@ Rs. 1789.02/km					
			B =		1695.00
(3) providing and fixing logo of project					
MMWS. sign board all up					
vide TMB P. 1/2					
9th No- (3)					
@ Rs. 4274.66/km B					463732

Continuation

Total B = 62500.00

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(4) E/W Excavation for stormwater cell					
Vide TMB P.N. - 2					
9/11/11 (4)					
@ B = 229.30 m					
@ B = 229.32 m					
					B = 8026.20
(5) providing M15 Pcc as Leveling course cell					
Vide TMB P.N. - (3)					
9/11/11 (5)					
@ B = 8629.26 m					
					B = 16664.20
(6) prov. cement concrete parapet component in open channel cell					
Vide TMB P.N. - (3)					
9/11/11 (6)					
= 30 x 610					
@ B = 6343.04 m					
					B = 194160.0

Continuation

C. B. = 281350

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7) prov. and lging pcc MPB pipe all curv vide TBM PM-3 qtc MV-7 = 7.50 M ³ @ R = 4100.89/M B = 3075720					
(8) pm. Bridge/Massung Wound C.M (113) all curv					
UPPER PART PM-74					
qtc (8) = 15.60 M ³ @ R = 6301.90/M ³ B = 983102					
(9) prov. dugw pcc M-20 all curv vide TBM PM-4 qtc - 9 = 65.0 M ³ @ R = 428.02/M ³ B = 276302					

Continuation

$$\text{Cum. } R_1 = 4380472$$

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
(10) Pro. plastic material C.M (1:4) all cell vide TMS p.N - 4 10 = 108.80 M ² @ Rs 145 24/M ² Br 15802=0					
(11) provide Rcc pipe duct 300MM dia across road cells 4th (11) 30.0 met @ Rs 850.26/M. Br = 25523=0					
(12) Const. of Enbarnd Mant with waterpro Obation barnd pipe cells 100 M lead AS PER E/W SHEET vide TMS p.N - 5 = 1126.630 M ³ @ Rs 12543 RS 2 166581=0					

Continuation

C.S. R 2 6459532

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) Const. of subgrade and Onthenchulow cell cell					
vide TMB PN-6					
qt = ①					
= 2711.96 M ³					
@ 13 = 177.02/M ³					
B = 480202					
(13) pwr lying Granular sub-base cell cell					

vide TMB PN-⑦					
qt = ①					
= 769.50 M ³					
@ 1966.25/M ³					
B = 1512602					

(14) pwr lying sanding-compeating NBM-B all cell					
vide TMB PN ⑦					
qt = ②					
= 267185 M ³ B =					
@ 16 = 4719.67/M ³ B = 1260942					

Continuation

$$B = 3899362 =$$

Continuation