

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	3rd and final Bill				
Name of work -	Construction of road				
	from Jagornath Rai ke ghar				
	Mudhey path to pakari Mubhya				
	path under MMSY NBD BRIS.				
Agency.	M/o Shiv shakti construction				
Ag. No.	03 MMSY - NBD - BRIS. / SPD				
	202 - 2021,				
Date of commencement.	22-09-2020				
Date of work complete for.	21.09.2021 (As per agreement)				
Actual date of completion.					
Const. cost -	1,24,92,641.00				

### Items of work

Const. of New H.P. culvert - 2 nos  
 of 36" dia. 1000 mm of single road

(1) E/W excavation for trench

H.W.  $2 \times 6.45 \times 1.40 \times 1.50 = 27.09 \text{ m}^3$

Below pipe  $1 \times 4.85 \times 1.53 \times 0.365 = 2.70 \text{ m}^3$

T =  $29.79 \text{ m}^3$

For 2 nos H.P. =  $2 \times 29.79 \text{ m}^3 = 59.58 \text{ m}^3$

(2) P/W MIS ACC (1:2.5:5) as a

levelling course

H.W.  $2 \times 6.45 \times 1.40 \times 0.150 = 2.70 \text{ m}^3$

Below pipe  $1 \times 4.931 \times 1.53 \times 0.250 = 1.88 \text{ m}^3$

Less for pipe  $0.25 \times 0.7857 \times (0.230)^2 \times 5.496 = -1.63 \text{ m}^3$

T =  $2.95 \text{ m}^3$

For 2 nos H.P. =  $2 \times 2.95 = 5.90 \text{ m}^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
ABSTRACT OF COST					
(3rd and final BM)					
(7)	P/V and fixing working bench mark pillar				
	Qty	used	TMB P.	12	
1.930 km	Rs	4008.96	/km		7737 =
(1/2)	P/V reference pillar				
	Qty	used	TMB P.	12	
1.93 km	Rs	1847.88	/km		3566 =
(2/3)	clearing and grubbing road land.				
	Qty	used	TMB P.	12	
1.357 km	Rs	5138.51	33.76		69031 =
(3/4)	Excavation for road/way cutting.				
	Qty	used	TMB P.	13	
168 M <sup>3</sup>	Rs	74.16	/M <sup>3</sup>		12459 =
(4/5)	construction of embankment obtained from borrow pit				
	Lead	- 1000 M			
515.79 M <sup>3</sup>	used	TMB P.	13		
330.09 M <sup>3</sup>	used	TMB P.	23		
845.88 M <sup>3</sup>	Rs	175.13	/M <sup>3</sup>		148139 =
(4/6)	for road - 100 M				
493.25 M <sup>3</sup>	used	TMB P.	13		
319.46 M <sup>3</sup>	used	TMB P.	23		
812.71 M <sup>3</sup>	Rs	141.56	/M <sup>3</sup>		115047 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{5}{7}$	Construction of Sub-grade and earthen shoulder.				
1337.55	$M^3$	nee	TMB	P-13	
$\frac{140.00 M^3}{1477.55}$	nee	TMB	P-	20	
for 1477.55	$45 M^3$	Pr	177.07	$/ M^3$	261612 =
$(\frac{6}{8})$	P/W G.S.B Gr 1 (flexible road)				
689.74	$M^3$	Pr	3195.08	$/ M^3$	2203774 =
$(\frac{7}{13})$	P/W G.S.B Gr 2 Rural Road				
63.53	$M^3$	Pr	3195.08	$/ M^3$	202983 =
$(\frac{8}{9})$	P/W W.B.M Gr 3				
349.40	$M^3$	Pr	4266.97	$/ M^3$	1490879 =
$(\frac{9}{14})$	P/W W.B.M Gr 3 (Rural road)				
198.84	$M^3$	Pr	4266.97	$/ M^3$	848444 =
$(\frac{10}{26})$	P/W R.C.C. pipe dia. 200 mm dia				
53 M		Pr	882.75	$/ M$	46786 =

Continuation



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
( $\frac{17}{33}$ )	plastering two walls				
	Qty incl T.M.P. 18				
232.40 M <sup>2</sup>	ex	97.19 / M <sup>2</sup>			22593 =
( $\frac{18}{34}$ )	P/W B/W (1:3)				
	Qty incl T.M.P. 18				
3.12 M <sup>3</sup>	ex	5977.43 / M <sup>3</sup>			18650 =
( $\frac{19}{35}$ )	P/W p.c.c. m <sup>2</sup>				
	Architectural copy				
	Qty incl T.M.P. 18				
13 M.	ex	454.15 / M			5904 =
( $\frac{20}{36}$ )	plastering work (1:4)				
	Qty incl T.M.P. 18				

21.76 M <sup>2</sup>	ex	152.09 / M <sup>2</sup>			3309 =
( $\frac{21}{10}$ )	P/W primer coat				
	Qty incl T.M.P. 19				
4658.63 M <sup>2</sup>	ex	44.34 / M <sup>2</sup>			206564 =
( $\frac{22}{11}$ )	P/W tack coat (RSJ)				
	Qty incl T.M.P. 19				
4658.63 M <sup>2</sup>	ex	15.09 / M <sup>2</sup>			70299 =
( $\frac{23}{12}$ )	P/W M.S.S.				
	Qty incl T.M.P. 19				
4658.63 M <sup>2</sup>	ex	243.12 / M <sup>2</sup>			1132606 =
( $\frac{24}{16}$ )	Kilometre stone				
	Qty incl T.M.P. 20				
3 Nos	ex	2393.11 each			7179 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(25) (17)	200 m stone				
	Qty. vol. TM 3			R 20	
8 Nos	px 626.85 each				5015 =
(26) (18)	P/V R.C.C boundary pillar				
	Qty. vol. TM 3			D- 20	
80 Nos	px 496.07 each				39680 =
(27) (20)	900 mm equilateral Triangle				
	Qty. vol. TM 3			D- 20	
6 Nos	px 5505.83 each				33035 =
(28) (21)	600 mm x 450 mm rectangle				
	Qty. vol. TM 3			D- 20	
4 Nos	px 4877.90 each				19512 =
(29) (22)	900 mm each octagon				
	Qty. vol. TM 3			D- 20	
2 Nos	px 8903.97 each				17808 =
(30) (23)	Roofing mortar with hot applied thinners plaster compound for flexible joint				
	Qty. vol. TM 3			D- 20	
246 M <sup>2</sup>	px 735.44 / M <sup>2</sup>				180918 =
(31) (24)	For angular joint				
	Qty. vol. TM 3			D- 20	
140 M <sup>2</sup>	px 735.44 / M <sup>2</sup>				102962 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(32) (25)	Planting of tree by road side				
	Qty used 1134-20				
124 Nos	Cx 81-99	each			10167 = cu
(33) (27)	Direction and place				
	Identification sign				
	Qty used 1134-20				
1 No	Cx 12015	35 each			12015 = cu
(34) (19)	600 mm dia				
	Qty used 1134-20				
10 Nos	Cx 5008	10			50081 = cu
			Total		111,62981 = cu
					111,630 =

	12% GST			13,39,558 cu
	1/2% below as per approved rates previous payment			1,26,14,169 = cu 13,61,42 =
				13,47,809 = cu
	Amount to be paid			30,48,911 = cu
	Net total			1,24,88,027 cu
	Less previous payment			9,56,52,58 = cu 9,56,52,36 = cu
	Amount to be paid			Rs: 29,22,769 = cu Rs: 29,22,791 = cu
	20.3.22			
	20			
Chief Engineer				
Work-Inspection				
as per plan as specified				
20.3.22				

22/03/22  
AE