

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 measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Construction					
of Road from East side					
of Dummurahi to Canal					
Agwanpur from Leo					
pitch under - Cotton Katayra					
Agency - M/c Bai mata Di					
Construction.					
Gambhariya.					
Agreement No - 03 MBD MR/2021-22					
Agreement value - 2.57					
Date of commencement - 04.03.21					
Time for completion - 03.12.21					
Actual Date of completion - 16.12.22					
1. Clearing and Grubbing.					
Road level do-do all over -					
$\frac{2 \times 18.50 \times 1.00}{10000} = 0.37 \text{ hect}$					
3) Providing granular sub-					
base with well graded pt -					
$4 \times 5.00 \times 0.95 \times 0.175 = 3.325$					
$2 \times 8.00 \times 1.20 \times 0.175 = 3.36$					
$5 \times 7.00 \times 0.90 \times 0.175 = 5.512$					
$2 \times 9.00 \times 1.05 \times 0.175 = 1.44$					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3 x 5.00 x 1.20 x 0.175 =					3.15
3 x 8.00 x 0.90 x 0.175 =					3.78
6 x 6.00 x 1.00 x 0.175 =					6.30
4 x 9.00 x 1.00 x 0.175 =					2.80
3 x 5.00 x 1.20 x 0.175 =					3.15
4 x 9.00 x 0.90 x 0.175 =					2.52
2 x 4.30 x 0.90 x 0.175 =					1.35
3 x 5.00 x 1.00 x 0.175 =					2.625
7 x 3.00 x 0.80 x 0.175 =					2.94
4 x 4.00 x 0.90 x 0.175 =					2.52
5 x 5.00 x 0.70 x 0.175 =					3.06
6 x 3.00 x 1.10 x 0.175 =					3.46
5 x 4.00 x 0.90 x 0.175 =					3.15
4 x 6.00 x 1.10 x 0.175 =					4.62

$9 \times 2.00 \times 0.85 \times 0.175 =$	2.67
$7 \times 3.10 \times 1.15 \times 0.175 =$	4.367
	$\Rightarrow 66.129$

(1) Repairing of Parapet wall

(i) Brick masonry in

c.m (1:3) in parapet

$$2 \times 7.00 \times 0.40 \times 0.60 = 3.36$$

$$2 \text{ nos} \times 3.36$$

$$\Rightarrow 6.72 \text{ m}^3$$

(2) plastering with cement

mortar (1:4) dc. dc all ps-

$$\text{Side face } 4 \text{ m} \times 7.00 \times 0.60 = 16.80$$

$$\text{Top } 2.00 \times 7.00 \times 0.40 = 5.60$$

$$\text{Part face } 4.00 \times 0.40 \times 0.60 = 0.960$$

$$23.360$$

Continuation

$$2 \text{ nos} \times 23.360$$

$$\Rightarrow 46.72 \text{ m}^3$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) Painting Two coats on New concrete surface					
Sidewalk	4.00 x 4.00 x 0.60	=	9.60		
P.O.P	2.00 x 4.00 x 7.00	=	56.00		
Floor plaster	4.00 x 0.40 x 0.60	=	0.960		
			=>	66.560	
2 nos x 66.560					
>=	133.12 m ³				
- Repairing & plastering of Parapet wall 0.4m x 0.6m height					
K/M					
(i) Brick masonry in C.M 1:3 in parapet					
2 x 6.00 x 0.40 x 0.60 = 2.88					
2 nos x 2.88					
=>	5.76 m ²				
ii) plastering with cement mortar (1:4)					
Sidewalk	4.00 x 6.00 x 0.60 =		14.40		
P.O.P	2.00 x 6.00 x 0.40 =		4.80		
	4.00 x 0.40 x 0.60 =		0.960		
			=>	20.160 m ²	
2 nos x 20.160 m ²					
=>	40.32 m ²				

[illegible]

Continuation

$\Rightarrow 49.915$

Continuation
$$\Rightarrow 70.30 \text{ m}^3$$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	10	6.00	1.60	0.075	7.20
	4	9.00	1.80	0.675	4.86
	5	8.00	0.70	0.675	2.10
	6	7.00	1.10	0.675	3.46
	5	6.00	1.20	0.675	2.70
	4	7.00	1.10	0.675	2.31
	9	9.00	1.90	0.675	11.54
	7	8.00	1.15	0.675	4.83
				⇒	109.30m

(i) <u>ironing prime cost</u>				
do - do all wt -				
4	8.00	2.10	=	67.20
2	9.00	1.60	=	28.80
5	8.00	1.95	=	78.20
2	6.00	1.65	=	12.60
5	8.00	2.10	=	84.00
6	7.00	1.90	=	79.80
10	8.00	1.60	=	128.00
4	9.00	2.10	=	75.80
6	9.00	2.10	=	102.60
4	9.00	2.30	=	82.80
5	10.00	1.80	=	90.00
6	12.00	1.50	=	108.00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10 X 6.00 X		1.60		=	96.00
7 X 9.00 X		1.00		=	64.00
5 X 8.00 X		0.70		=	28.00
6 X 7.00 X		1.10		=	46.20
5 X 6.00 X		1.20		=	36.00
4 X 7.00 X		1.10		=	30.00
9 X 9.00 X		1.90		=	153.90
7 X 8.00 X		1.15		=	64.40
				=	1457.50
(1) Total - road work with bituminous emulsion					1015.20
do do all work					13.00
				=	1457.50
(2) patch work over work					1015.20
usey 4mm seed ch - ch of					
				=	1457.50

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(i) masonry and applying touch coat do. - do all do. -					
15 x 8.10 + 7.50 + 4.10 + 3.75					87.93
		4			
17 x 3.75					63.75
15 x 3.75 + 4.60 + 3.75					60.49
		3			
9 x 30.00 x 3.75					1012.50
8 x 30.00 x 3.75					900.00
9 x 30.00 x 3.75					1012.50
7 x 30.00 x 3.75					787.50
9 x 30.00 x 3.75					1012.50
4 x 30.00 x 3.75					450.00
2 x 30.00 x 3.75					225.00
10 x 3.75 + 6.50 + 7.50					58.50
		2			
7 x 30.00 x 3.75					787.50
2 x 25.00 x 3.75					187.50
8 x 9.10 + 7.50 + 3.75					54.26
		3			
4 x 30.00 x 3.75					450.00
					7101.18

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Boundary Semi Dense Bituminous Concrete					
$15 \times 8.10 + 7.50 + 4.10 + 3.75$				$\times 0.025 = 2.19$	
	4				
$4 \times 3.75 \times 0.025$					$= 0.375$
$15 \times 3.75 + 4.60 + 3.75$				$\times 0.025 = 1.512$	
	3				
$9 \times 30 \times 3.75 \times 0.025$					$= 25.31$
$8 \times 30.00 \times 3.75 \times 0.025$					$= 22.50$
$9 \times 30.00 \times 3.75 \times 0.025$					$= 25.31$
$7 \times 30.00 \times 3.75 \times 0.025$					$= 19.68$
$9 \times 30.00 \times 3.75 \times 0.025$					$= 25.31$
$4 \times 30.00 \times 3.75 \times 0.025$					$= 11.25$
$2 \times 30.00 \times 2.75 \times 0.025$					$= 5.625$
$10 \times 3.75 + 6.50 + 7.50$				$\times 0.025 = 1.479$	
	3				
$7 \times 30.00 \times 3.75 \times 0.025$					$= 19.68$
$2 \times 25.00 \times 3.75 \times 0.025$					$= 4.68$
$8 \times 9.10 + 7.50 + 3.75$				$\times 0.025 = 1.354$	
	3				
$4 \times 30.00 \times 3.75 \times 0.025$					$= 11.25$
					$\Rightarrow 177.50$
daily 15/02/22					
S.E					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) Construction of Singra and Earthen shoulder					
2x4x30.00		1.50	0.50	=	180.00
2x7x30.00		1.50	0.50	=	315.00
2x9x30.00		1.50	0.50	=	405.00
2x9x30.00		1.50	0.50	=	405.00
2x7x30.00		1.50	0.50	=	315.00
2x15x30.00		1.50	0.50	=	675.00
2x6x30.00		1.50	0.50	=	270.00
2x4x30.00		1.50	0.50	=	180.00
				=	2745.00
(i) Kilometer Stone.					
(i) Km Stone - 4 nos.					
(ii) 200 m Stone - 6 nos.					
(ii) Retro-reflectised Triangular Sign do-do all 12 -					
		6x1.20	0.80	=	5.76
(i) Retro-reflectised Triangular					
(i) 600 mm equivalent strength					
		30 nos.			
(ii) 600 mm circular					
		12 nos.			

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
iii) 600mm x 450 mm rectangular					
		10 nos.			
iv) 900mm side Octagon.					
		1 no.			
v) Boundary pillars/corner post					
		4 nos.			
vi) planting of trees and their maintenance					
	1850/25		2		74.0

ii) Road marking with					31252
hot applied therm					
plastic and all etc -					
$2 \times 1850 \times 0.100$				=	370
$2 \times 6.00 \times 0.50 \times 2$				=	12
				=	382
ii) Providing and fixing					
logo board					
		4 nos.			18.110

done 16/02/22
S.E

NAH/26/02/2022
AE

Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of					
1) clearing and grubbing					
Road and do - do all	21				
side 1/2 = 1 = 0.27					
eb 51133.76	-b				18919
2) Construction of subgrade					
do - do all					
side 1/2 = 10 = 2745					335
eb 176.86	-b				48548
3) Construction of granular					
Sub-base do - do all					
side 1/2 = 2 = 66.129					
eb 1922.58	-b				127535
4) Provision of BM lined - 2					
do - do all					
side 1/2 = 5 = 74.27					
eb 3402.29	-b				252688
5) Provision of BM lined - 3					
do - do all					
side 1/2 = 6 = 109.30					
eb 2139.94	-b				343195
6) Provision of prime coat					
side 1/2 = 7 = 145.50					
eb 45.06	-b				65675
7) Patch work over WBM					
side 1/2 = 7 = 145.50					
eb 20.79	-b				29265

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8) Providing tack coat					
ch-d all to					
vide pg 8	7	7101.18			
	7	1457.50			
		8558.68			
Unit $\Rightarrow$ 8464.38 CM 15 32					129674
9) Semi-Dense Bituminous					
bonent ch-d all to					
vide pg 9	9	177.80			
Unit $\Rightarrow$ 175.1744 @ 10241.00					179396
10) Kilometer stone					
(i) Km stone					
vide pg 10	10	4m			
		2182.51			5730
(ii) 20m stone					
vide pg 10	10	6m			
		588.06			3528
(iii) Retra-reflectorised Drift					
ch-d all to					
vide pg 10	10	5.76			
		12304.51			70674
12) 60mm equivalent strangle					
vide pg 10	10	30m			
		3619.22			108577
(iv) 60mm in circle					
vide pg 12	12	3715.71			
		3715.71			44589

Continuation

3745876

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
600mm x 450mm red top					
side 1 gm 2 = 1 m					
cb 7579.42 - b					7579
600mm x 450mm red top					
side 1 gm 2 = 11.27 10 m					
cb 3586.64 - b					35866
13) Reinforced cement concrete					
4.15 d - d - d all m -					
side 1 gm - 4 m					
cb 482.13 - b					19285
14) Parity of trees by the					
road d - d all					
side 1 gm = 11.27 74					
cb 819.32 - b					60674
15) providing and laying					
of hot applied mastic					
d - d all m -					
side 1 gm - 11.27 370.00					
cb 735.44 - b					272113
16) pedestrian crossing					
side 1 gm = 11.27 12 m					
cb 735.44 - b					8825
17) providing and laying					
board d - d all m -					
side 1 gm = 11.27 4 m					
cb 9407.05 - b					37628
18) Brick masonry d - d all					
side 1 gm = 2.27 6.72					
cb 5781.57 - b					38852

Continuation

422669800

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
19) plastering with cement mortar (1:4) d-d all					
side 19m x 2.2		46.72			
cb 178.46					8337.2
20) painting two coats inside d-d all					
side 19m x 3.2		133.12			
cb 97.19					12937
21) Brick masonry work in cement mortar d-d					
side 19m x 3.2		57.6			
cb 5264.82					30325
22) Plastering with cement mortar d-d all					
side 19m x 3.2		40.32			
cb 183.62					7404
23) painting two coats inside thinner d-d all					
side 19m x 4.2		117.12m ²			
cb 97.13					11388.2
					4297084.20
Add 12% C.S.T. & 1% labor cost					558620.20
					4855704
Less Below 2.57% as per (-)					1247.92.20
					4730912.20
					CRP
					(P) 03/03/2022
					04

Continuation