

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.	

1st On Ok Bill

Name of the work's

Const. of M.M.G. Road
from Thori Main Road (Panda
chowk) to Maheshpur Haveli
Jala

Name of Agency M/s Pitambara Const.

Bagala, West Champaran

Agg. No - 60/2019-20

Agg. Amount - 70,59,716.00
(including maintenance)

Date of Start - 28.01.2020

Date of completion - 27.10.2020

Date of Entry - 26.09.2020

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) Const. of Benchmark and working - do - all comp.					
Qty. = 0.905 KM					
2) Const. of Reference Pillars/ Bories - do - all comp.					
Qty. = 0.905 KM					
3) Providing clearing and grubbing - do - all comp.					
$2 \times 10 \times 30 \times 1.50 = 900.00 \text{ m}^2$					
$2 \times 10 \times 30 \times 1.50 = 900.00 \text{ m}^2$					
$2 \times 10 \times 30 \times 1.50 = 900.00 \text{ m}^2$					
$2 \times 1 \times 5 \times 1.50 = 15.00 \text{ m}^2$					
$= 2715.00 \text{ m}^2$					
Do 0.27 Hect.					
4) Construction of embankment with Bordered pits - do - all comp.					
Change (Area) Mean (Area) Volume (m ³)					
0	1.380	—			
50	1.062	1.221			61.05 m ³
100	1.284	1.174			58.70 m ³
150	1.194	1.240			62.00 m ³
					59.70 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
200	0.411		0.802		40.11 m ³
250	0.812		0.612		30.58 m ³
300	0.664		0.738		36.90 m ³
350	0.595		0.630		31.98 m ³
400	0.814		0.705		35.24 m ³
450	0.821		0.818		40.89 m ³
500	0.831		0.826		41.30 m ³
550	0.408		0.619		30.96 m ³
600	1.139		0.774		38.68 m ³
650	0.577		0.858		42.91 m ³
700	1.708		1.143		57.14 m ³
750	1.195		1.452		72.58 m ³

800	0.501		0.848		42.40 m ³
850	0.483		0.492		24.62 m ³
900	1.392		0.937		46.87 m ³
905	0.579		0.985		4.93 m ³
				=	799.35 m ³

(A) Taking lead 1000 m

$$30 \times 799.35 \text{ m}^3 = 239.805 \text{ m}^3$$

(B) Taking lead 100 m

$$70 \times 799.35 \text{ m}^3 = 559.545 \text{ m}^3$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Date of Entry is 04/10/2020</u>					
1) Excavation of F/w in foundation do all comp.					
Raft - $1 \times 2.50 \times 6.00 \times 1.00$					$= 15.00 \text{ m}^3$
Cutoff wall - $2 \times 6.00 \times 0.50 \times 1.60$					$= 9.60 \text{ m}^3$
					$= 24.60 \text{ m}^3$
2) Providing Sand filling in foundation do all comp.					
Raft - $1 \times 2.50 \times 6.00 \times 0.15$					$= 2.25 \text{ m}^3$
Cutoff wall - $2 \times 6.00 \times 0.50 \times 0.15$					$= 0.90 \text{ m}^3$
					$= 3.15 \text{ m}^3$
Limit Qty. =					2.44 m^3
3) Providing p.c.c in foundation do all comp.					
Behaviour - $1 \times 2.50 \times 6.00 \times 0.12$					$= 1.80 \text{ m}^3$
Cutoff wall - $2 \times 6.00 \times 0.50 \times 0.35$					$= 2.10 \text{ m}^3$
					$= 3.90 \text{ m}^3$
Limit Qty. =					3.78 m^3
4) Supplying, fitting and placing HYSD bar do all comp.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(A) Cut off wall					
Below floor level (10 mm ϕ)					
Horizontal Bar (10 mm ϕ)					
(a) 200 mm c/c - 2 x 6.36 m x 6 Nos. = 76.32 m					
(a) 200 mm ϕ c/c - 2 x 6.36 m x 6 Nos. = 76.32 m					
Above floor level (8 mm ϕ) 10 mm ϕ					
- 2 x 4 x 2.15 m x 13 Nos. = 223.60 m					
Vertical Bar					
- 2 x 1.48 m x 13 Nos. = 37.96 m					
- 2 x 1.48 m x 13 Nos. = 37.96 m					
Return wall					

$$- 2 \times 4 \times 3.96 \text{ m} \times 9 \text{ Nos.} = 285.12 \text{ m}$$

$$= 737.28 \text{ m}$$

$$(a) 0.62 \text{ kg/m} = 457.11 \text{ kg}$$

(B) Box cell - 10 mm ϕ

10 mm ϕ (a) 150 mm c/c

$$- 2.580 \text{ m} \times 40 \text{ Nos.} = 103.20 \text{ m}$$

$$- 2.580 \text{ m} \times 40 \text{ Nos.} = 103.20 \text{ m}$$

$$- 3.44 \text{ m} \times 40 \text{ Nos.} = 137.60 \text{ m}$$

$$- 3.44 \text{ m} \times 40 \text{ Nos.} = 137.60 \text{ m}$$

10 mm ϕ (a) 200 mm c/c

$$- 2 \times 1.120 \times 30 \text{ Nos.} = 69.44 \text{ m}$$

$$- 2 \times 1.120 \times 31 \text{ Nos.} = 69.44 \text{ m}$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10 mm ϕ @ 150 mm c/c					
- $2 \times 4 \times 1.25 \text{ m} \times 10 \text{ Nos.} = 200 \text{ m}$					
10 mm ϕ @ 150 mm c/c					
- $2.58 \text{ m} \times 40 \text{ Nos.} = 103.20 \text{ m}$					
- $2.58 \text{ m} \times 40 \text{ Nos.} = 103.20 \text{ m}$					
10 mm ϕ @ 150 mm c/c					
- $2 \times 4 \times 6.26 \text{ m} \times 17 \text{ Nos.} = 851.36 \text{ m}$					
					$= 1878.24 \text{ m}$
(a) 0.62 kg/m = 1164.51 kg					
<i>Bhuma</i> 04/10/2020 J.E.					

Date of Entry: 08.10.2020

1) Providing R.C.C. m-25 in
Structure - to all comp.

$$\text{Raff} - 1 \times 2.50 \times 6.00 \times 0.25 = 3.75 \text{ m}^3$$

$$\text{Cut off (Bottom bar)} - 2 \times 6.00 \times 0.30 \times 1.08 = 3.89 \text{ m}^3$$

$$\text{Abutment} - 2 \times 6.00 \times 0.25 \times 2.00 = 6.00 \text{ m}^3$$

$$\text{Cut off (Side bar)} - 4 \times 1.75 \times 0.30 \times 2.00 = 4.20 \text{ m}^3$$

$$= 17.84 \text{ m}^3$$

2) Supplying, fitting, fixing
HYSD bar - to all comp.

(c) vertical post & end pillar

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Deck slab - 1	2.50	8.00	0.25		$= 3.75 \text{ m}^3$
Parapet - 2	2.50	0.25	0.60		$= 0.75 \text{ m}^3$
Pillar - 4	0.30	0.25	0.60		$= 0.18 \text{ m}^3$
Haunch - $\frac{1}{2} \times 4$	0.15	0.15	6.00		$= 0.27 \text{ m}^3$
					$= 4.95 \text{ m}^3$
2) Providing Backfilling in					
Abutment do all comp.					
	2	6.00	2.00	0.60	$= 14.40 \text{ m}^3$
3) Providing weepholes do -					
all comp.					
	2	5	2		$= 20.0 \text{ Nos.}$
4) Providing M.M.G.Sy sign board					
do all complete job					
	Qty.				$= 2 \text{ Nos.}$
By <i>[Signature]</i> 14/10/2020 S.R.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	<u>Abstract of Est</u>				
1/ii) Const. of Benchmarks and Ref. pillars - do - all work					
QVTMB P-② = 0.905 km					
① Rs. 12188.80/km = Rs. 11,031.00					
2/iii) Const. of Reference pillars/ Bunies - do - all work					
QVTMB P-② = 0.905 km					
① Rs. 12343.92/km = Rs. 11,198.00					
3/2) providing clearing and grubbing - do - all comp.					
QVTMB P-② = 0.27 Hect.					
① Rs. 49809.13/Hect. = Rs. 13,448.00					
4/3) Const. of embankment lead 1000 m - do - all comp.					
QVTMB P-③ = 239.805 m ³					
① Rs. 187.92/m ³ = Rs. 45,064.00					
5/4) Const. of Subgrade & F/shoulder - do - all comp.					
QVTMB P-④ = 2208.53 m ³					
① Rs. 189.80/m ³ = Rs. 4,19,179.00					
Total = Rs. 4,99,920.00					
Continuation					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F = R1.	4.99	920.00
6/5) Cont. of embankment lead					
100 m - do - all comp.					
QVTMB P-(3) = 559.54 m ³					
@ R1. 143.08/m ³ = R1.					80,260.00
7/8) Providing Granular sub-					
base - do - all comp.					
QVTMB P-(4) = 680.40 m ³					
@ R1. 3348.80/m ³ = R1.					22,778,524.00
8/2) Providing M.M.G.S. sign					
board - do - all complete job.					
QVTMB P-(9) = 2 NOS.					
@ R1. 11638.41/NOS. = R1.					23,277.00
9/2) F/W in excavation for					
foundn - do - all comp.					
QVTMB P-(5) = 24.60 m ³					
@ R1. 285.71/m ³ = R1.					7028.00
10/2) Providing sand filling in					
foundn - do - all comp.					
QVTMB P-(5) = 2.44 m ³					
@ R1. 455.62/m ³ = R1.					1112.00
C.O. = R1.					28,89,921.00
Continuation					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BF = R1.	28.87	921.00
11/29) Providing RCC in form					
- do - all comp.					
QNTMB P- (8) = 3.78 m ³					
@ R1. 7159.98/m ³ = R1. 27065.00					
12/30) Providing RCC M-25					
- do - all complete					
QNTMB P- (7) + (9)					
= 17.84 + 4.95 = 22.79 m ³					
Qty. Limit = 22.71 m ³					
@ R1. 9115.16/m ³ = R1. 2,07,005.00					
13/31) Providing Bandfilling in					
abutment - do - all comp.					
QNTMB P- (9) = 14.40 m ³					
@ R1. 3478.44/m ³ = R1. 50,090.00					
14/32) Providing weepholes - do -					
- all comp.					
QNTMB P- (9) = 20.0 Nos					
@ R1. 103.40/Nos. = R1. 2,068.00					
15/33) Supplying, fitting and Flaring					
HYSO bar - do - all comp.					
QNTMB P- (8) = 1.61 M.T.					
@ R1. 77274.60/M.T. = R1. 1,24,412.00					
Total = R1. 33,00,561.00					

Continuation

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