

Parmakant

Feshar Rd. To Cherman bigha

MM459-NDB

~~SECRET~~ ~~TOP SECRET~~

~~TOP SECRET~~

~~SECRET~~ P. W. D.

~~E.E. R. and~~ ~~Woods Division~~ ~~Abell~~ ~~Division~~

~~A.E. Ayrault~~ ~~Abell~~ ~~Division~~

~~SECRET~~ ~~TOP SECRET~~

MB-NO

4426

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
3rd on A/c Bill					
Name of Work — Const. of Rd from					
Fashan Rd. To Charan					
Bigha under head (mm/54)					
Agency — Pannakant					
Agreement No — 25 SBD / 2023-24					
Date of Start — 2/8/23					
Date of Completion — 1/8/24					
MEASUREMENT					

(1) E/W in excavation of foundation for Drain —

$$1 \times 30 \times .55 \times \frac{.90 + 1.20}{2} = 17.325 \text{ m}^3$$

(2) Sand filling in foundation

$$1 \times 30 \times .55 \times 0.075 = 1.24 \text{ m}^3$$

(3) Providing Rec m/s Drain

% cover slab — to —

$$\text{Base} - 1 \times 30 \times 0.55 \times 0.125 = 2.063$$

$$\text{Wall} - 1 \times 30 \times 0.125 \times \frac{0.90 + 1.20}{2} = 3.938$$

cover slab

$$1 \times 30 \times .55 \times 0.120 = 2.64$$

Continuation

$$8.641 \text{ m}^3$$

cl

P.T.O

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
				816	8.641 m ³
Well 10 -	2	2	30	125	45 = 6.75
	2	1	25	125	45 = 2.813
	2	1	30	125	45 = 3.375
	2	1	15	125	45 = 1.687
					23.266 m ³
				Limit	21.54 m ³

(4) Provide HYSD bar in
Drawing — do —

21.54 m³ × 62 kg/m³ = 1335.48 kg
1.3354 m-T

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DE

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DE

(1) Box cutting excavation
for roadwork — do —

2 × 4 × 30 × 0.375 × 1.75 = 15.75
2 × 4 × 30 × 0.375 × 1.75 = 15.75
2 × 4 × 30 × 0.375 × 1.75 = 15.75
2 × 1 × 25 × 0.375 × 1.75 = 3.28
50.53 m³

Continuation

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Continuation

Sch. XIV-Form No. 134 39

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
4) Proposed Comp. Spreading					
8 Compacting Stone					
Aggregate 10mm - 50mm					
1					
<u>B.T Portion</u>					
	2	30	3.75	0.075	16.875
<u>P.C.C Portion</u>					
	2	4	30	0.375	6.75
	2	4	30	0.375	6.75
	2	4	30	0.375	6.75
	2	1	25	0.375	1.406
					38.531 m ³

1) providing P.C. Permanent

m30 — " — 20 —

2x 30 x 3.75 x 0.160 =	36.00
2x 30 x 3.75 x 0.160 =	36.00
4x 30 x 3.75 x 0.160 =	72.00
3x 30 x 3.75 x 0.160 =	54.00
2x 30 x 3.75 x 0.160 =	36.00
1x 15 x 3.75 x 0.160 =	9.00
4x 30 x 3.75 x 0.160 =	243.00 m³
Limit =	237.78 m ³

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10.3.24

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
ABSTRACT OF COST					
1) Const. of Embankment					
Benchmark					
1.98 Km wide road P. 22					
@ Rs. 4673.81/Km. est.					92942
2) Reference Pillars					
1.98 Km. wide road P. 22					
@ Rs. 2579.91/Km. — Rs.					49892
3) Const. of Embankment					
with Approved Material					
obtained from borrow					
P. 22					
as per Graph					
S. No	Ch	FM Area	mean Area	Dist. chca	Pill volume
1	0	2.17			
2	50	1.864	2.017	50	100.850
3	100	1.999	1.932	50	96.575
4	150	3.552	2.776	50	138.775
5	200	3.133	3.345	50	167.250
6	250	2.752	2.945	50	147.250
7	300	3.612	3.182	50	159.100
8	350	3.435	3.524	50	176.175
9	400	3.766	3.601	50	180.025
10	450	4.866	4.311	50	215.800
11	500	2.19	3.528	50	176.400
12	550	3.28	2.735	50	136.750
13	600	2.62	2.950	50	147.500

Continuation

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
14	650	6.36	1.490	50	224.500
15	700	5.15	5.155	50	927.750
16	700	5.14	5.002	50	254.100
17	800	7.36	6.87	50	309.350
18	850	5.96	6.60	50	333.000
19	900	3.584	4.770	50	238.600
20	950	3.10	3.342	50	167.100
21	1000	4.02	3.560	50	178.000
22	1050	3.867	3.940	50	197.175
23	1100	4.266	4.067	50	203.325
24	1150	2.264	3.265	50	163.250
25	1200	3.49	2.877	50	143.850
26	1250	3.795	3.608	50	180.375
27	1300	2.85	3.238	50	164.375
28	1350	3.491	3.171	50	158.525
29	1400	3.851	3.671	50	183.550
30	1450	2.178	3.015	50	150.725
31	1500	3.249	2.714	50	135.675
32	1550	4.348	3.799	50	189.925
33	1600	6.85	5.999	50	279.950
34	1650	5.05	5.950	50	297.520
35	1700	4.181	4.161	50	230.775
36	1775	3.85	4.016	75	301.163
				314	6814.988 m ³
Deduct 1 item					
C.C. 3-13				513.35 m ³	
W.P.M. 1000				473.54 m ³	
P.C.C.				915.78 m ³	
Subtotal				2196.55 m ³	4099.22 m ³

Continuation

2715.768 m³2715.768 x 80% Allowed - 2172.61 m³

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ABSTRACT OF COST

(1) Const. of working
benchmark —
1.98 K.M. vide Tm P-22
@ Rs 4693.87/K.M — Rs 92942 =

(2) reference Pillars —
1.98 K.M vide Tm P-22
@ Rs 2519.91/K.M — Rs 49892 =

(3) Clearing & crushing
road land — do —
0.76 Hect. vide Tm P-22
@ Rs 72692.86/Ha — Rs 55250 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
(4) Const. of embankment with approved material do do city wide TMB P-33					
(9) For 1000 m lead 651.78 m ³ @ R.R. 250.04/m ³ — R.R.					162971200
(6) for 100 m lead 1520.83 m ³ @ R.R. 177.02/m ³ — R.R.					269217200
(5) Const. of subgrade 8 section shown 1757.24 m ³ wide TMB P-33 @ R.R. 252.51/m ³ — R.R.					443721200
(6) Box cutting 84.75 m ³ wide TMB P-22 50.53 m ³ wide TMB P-28 135.28 m ³ @ R.R. 103.85/m ³ — R.R.					14049200
(7) Const. of granular sub base with well graded material do 77.458 m ³ wide TMB P-29 435.892 m ³ wide TMB P-22 513.35 m ³ @ R.R. 259.21/m ³ — R.R.					133071200

Continuation

Particulars	Details of actual measurement				Contents of area
	No	I	II	III	
(8) Provision of P.C.C. in Stone masonry in foundation in					
430.925 m ³ , vide T.M.P. 23					
38.531 m ³ vide T.M.P. 20					
469.456 m ³					
@ Rs 4304.94/m ³ - Rs					2018343.20
(9) C.P.W. in excavation in foundation - do -					
200.939 m ³ , vide T.M.P. 23					
17.325 m ³ vide T.M.P. 27					
218.264 m ³					
@ Rs 382.28/m ³ - Rs					83656.20
(10) Sand filling in foundation - do -					
20.866 m ³ , vide T.M.P. 23					
1.24 m ³ , vide T.M.P. 27					
22.106 m ³					
@ Rs 570.55/m ³ - Rs					12613.20
(11) Brick Flat Soling in foundation - do -					
50.15 m ² , vide T.M.P. 23					
@ Rs 303/m ² - Rs					15195.20
(12) P.C.C. for open foundation - do -					
1.26 m ³ , vide T.M.P. 23					
@ Rs 6232.18/m ³ - Rs					7809.20

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(13) Provide Masonry Work in C.M. — do —					
42.56 m ² , vide TMS P. 23					
@ Rs. 5858.11/m ² — Rs.					24932.1200
(14) Providing R.C.C. pipe NPS for culvert —					
15.00 m, vide TMS P. 24					
@ Rs. 7276.74/m — Rs.					109151.20
(15) Plastering with 15 mm on brick work —					
59.78 m ² , vide TMS P. 24					
@ Rs. 192.07/m ² — Rs.					11482.20
(16) Providing 1.5 mm C.P. 21.92 m ² , vide TMS P. 24					
@ Rs. 78.20/m ² — Rs.					1714.20
(17) R.C.C. M25 concrete concrete in Box cell —					
103.6607 m ³ , vide TMS P. 24					
21.54 m ³ , vide TMS P. 28					
125.20 m ³					
@ Rs. 7997.41/m ³ — Rs.					1001338.20
(18) H.R.S.D. bar in TMS 8.064 MT, vide TMS P. 24					
1.3354 MT, vide TMS P. 28					
9.404					
@ Rs. 76492.11/MT — Rs.					719341.20

Continuation

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
(19) Const of Rec Payment					
M-30					
678.00 m ² wide Twp P-25					
237.78 m ² wide Twp P-30					
915.78 m ²					
Q. 7577.02 m ² RD. 693888320					
					1359
				RD.	1352204820
Add 18 f. C.S.T					243396920
1 f. L.C					135220200
S. Fee					24853420
				RD.	1633977120
Less 10 f. Below					163397720
					1470579420

Less Previous Payment 1181722020

RD. 288857420

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12.3.29

A. E.

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12.03.29

J. C.