

Nazendar Singh tube well NEAR GTSNG Fairlabad
Road to Harinagar (Ashish Jee House)

Schedule XLV-Form No. 134

E.E. R.W.D. WORKS

DIVISION
Patna

Sam Panchak

SUB-DIVISION

Measurement Book

7637



1st on A/c Bill.

1.

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 - Const ^d of					
Rd. from Narendra Singh					
Tube well near GSNH					
Faisalabad Rd. to Haringan					
(Ashish Jee House)					
Agency - Meer Gagan Const ^d					
Agree. No. - 43/SBD/2023-24.					
Date of Commencement -					
16-01-2024					

(1) Setting out working bench mark and reference pillars. — 0.864km

(2) Clearing grass & removal of rubbish to a distance of 30m.

2 x 5 x 30.00 x 3.00	—	900.00m ²
2 x 6 x 30.00 x 3.00	—	1080.00m ²
2 x 4 x 30.00 x 3.00	—	720.00m ²
2 x 7 x 30.00 x 3.00	—	1260.00m ²
2 x 6 x 30.00 x 3.00	—	1080.00m ²
2 x 15.00 x 3.00	—	90.00m ²
2 x 7 x 30.00 x 2.50	—	195.00m ²
2 x 5.00 x 2.50	—	25.00m ²

Continuation

5305.00m².

i.e. 0.53 hect.

lt. 0.52 hect.



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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(3) Providing and fixing of typical MMSY information sign board with logo -					2 Nos.
(4) E/W in Encavation for foundation of structure					
H.W					
2 x 3.950 x 1.477 x 1.550 -					17.8704 ³
Below pipe.					
1 x 4.696 x 1.130 x 0.365 -					1.937 m ³
					19.8074 m ³
(5) Providing PCC M15 (1:2.5:5) concrete for plain concrete					
Head wall					
2 x 3.950 x 1.477 x 0.200 -					2.216 m ³
Below pipe					2.204 m ³
1 x 5.663 x 1.130 x 0.250 -					1.50 m ³
					3.816 m ³
(6) Plain/reinforced cement concrete in substructure					
Head wall					
2 x 3.600 x 0.864 x 2.780 -					17.294 m ³
Parapet					
2 x 3.600 x 0.400 x 0.600 -					1.728 m ³
Cass for pipe					
2 x 0.7857 x (0.830) ² x 0.737 x 0.800 m ³					
Continuation					18.222 m ³

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
⑦ P/L RCC pipe NP-3 for culverts on first class building of PCC M10.					
3 x 2.50	—				7.50 m.
⑧ Painting two coats including primer coat					
Top- 2 x 3.60 x 0.400	—				2.88 m ²
Front side- 2 x 0.400 x 0.600	—				0.96 m ²
Side- 4 x 3.60 x 0.600	—				8.64 m ²
					12.48 m ²
1 NO. H.P. Culvert of 1000mm dia.					
⑨ Earth work in excavation for foundation of structure					
Head wall					
2 x 6.150 x 1.610 x 1.530	—				30.695 m ³
Below pipe.					
1 x 4.430 x 1.530 x 0.365	—				2.474 m ³
					33.169 m ³
⑩ P/V M15 PCC (1:2:5:5)					
as levelling course in foundation.					
H.W					
2 x 6.150 x 1.610 x 0.20	—				3.961 m ³
Below pipe					
1 x 5.397 x 1.530 x 0.250	—				2.064 m ³
Grp for pipe.					6.025 m ³

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(11) Plain/reinforced cement concrete in substructure					
H.W.					
2 x 6.00 x 0.930 x 3.180 -					35.49 m ³
Parapet					
2 x 8.00 x 0.400 x 0.60 -					2.88 m ³
Less for pipe					
2 x 0.7857 x (1.23) ² x 0.8056 -					1.914 m ³
					36.456 m ³
(12) P/L RCC NP-3 pipe for culverts on first class					
bedding of PCC M10.					
3 x 2.50 -					7.50 m

(13) Painting two coats including primer coat					
Top - 2 x 6.00 x 0.40 -					4.80 m ²
Side - 4 x 6.00 x 0.60 -					14.40 m ²
Front - 4 x 0.40 x 0.60 -					0.96 m ²
					20.16 m ²

(14) Const ^y of embankment with approved material obtained from borrow pits upto 1000m lead					
E/w sheet of L/c & C/s attached for Records					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
S.No	Chainage (m)	Fill Area	Mean Area	Distance	Volume
01	0.00	2.464	.		
02	50.00	5.287	2.876	50	143.775
03	100.00	3.873	3.580	50	179.000
04	150.00	4.211	4.042	50	202.100
05	200.00	3.383	3.797	50	189.850
06	250.00	3.065	3.224	50	161.200
07	300.00	3.519	3.292	50	164.600
08	350.00	3.471	3.495	50	174.750
09	400.00	2.870	3.171	50	158.525
10	450.00	2.419	2.645	50	132.225
11	500.00	2.645	2.532	50	126.600
12	550.00	3.493	3.067	50	153.450
13	600.00	2.462	2.978	50	148.875
14	650.00	2.555	2.507	50	128.425
15	700.00	2.902	2.729	50	134.450
16	750.00	2.414	2.658	50	132.900
17	800.00	1.804	2.109	50	105.450
18	850.00	1.805	1.805	50	90.225
19	855.00	2.252	2.029	5	10.145
					2535.517 m ³

(15) Constⁿ of subgrade

and Embankment shoulder

with approved material

obtained from borrow pits

10 x 30.00 x 7.70 x 0.30 = 693.00 m³

28 x 30.00 x 7.70 x 0.30 = 1247.40 m³

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
✓ 15.00 x 7.70 x 0.30 -					34.65 m ³
✓ 1 x 30.00 x 6.00 x 0.30 -					54.00 m ³
✓ 5.00 x 6.00 x 0.30 -					9.00 m ³
Subt. 10/11/24 J.E.				BB 10/11/24 AC	2038.05 m ³
(16) Const ⁿ of Granular.					
Sub-base by providing					
coarse graded material					
for Grading-I					
✓ 6 x 30.00 x 4.05 x 0.20 -					145.80 m ³
✓ 7 x 30.00 x 4.05 x 0.20 -					170.10 m ³
✓ 4 x 30.00 x 4.05 x 0.20 -					97.20 m ³
✓ 8 x 30.00 x 4.05 x 0.20 -					194.40 m ³
✓ 3 x 30.00 x 4.05 x 0.20 -					72.90 m ³
15.00 x 4.05 x 0.20 -					12.15 m ³
1 x 30.00 x 3.75 x 0.20 -					22.50 m ³
5.00 x 3.75 x 0.20 -					3.75 m ³
Subt. 20/11/24 J.E.				BB 20/11/24 AC	718.80 m ³
(17) Providing, laying,					
spreading and comp					
acting stone agg. of					
sp. sizes 40 WB4 Grad-					
ing 3. material.					
5 x 30.00 x 3.75 x 0.075 -					42.188 m ³
Subt. 28/11/24 J.E.				BB 28/11/24 AC	

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Abstract of cost					
(1) Setting out working bench mark & reference pillars					
0.864 km Qty vide TMSP (1)					
item (1) @ Rs. 17712.00/km - Rs. 15337.20					
(2) Clearing grass & removal of rubbish					
0.52 hect. Qty vide TMSP (1)					
item (2) @ Rs. 19980.80/hect - Rs. 10364.20					
(3) P/P of typical M14 Sy					
informational sign board with logo					
2 nos Qty vide TMSP (1)					
item (3) @ Rs. 14032.26/no - Rs. 28,064.50					
(4) Earthwork in excavation for foundation of structure					
19.107 m ³ Qty vide TMSP (3)					
33.169 m ³ Qty vide TMSP (3)					
52.275 m ³ Qty vide TMSP (3)					
item (4+5) @ Rs. 398.62/m ³ - Rs. 20,535.00					
(5) P/V M15 PCC (1:2.5:5)					
as levelling course in foundation					
3.816 m ³ Qty vide TMSP (1) item (5)					
6.025 m ³ Qty vide TMSP (1) item (5)					
9.841 m ³ @ Rs. 6507.81/m ³ - Rs. 64,043.00					

Continuation

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
⑥ Plain/reinforced cement concrete in substructure					
18.22 m ³ qty vide TMBP ② item ②					
36.45 m ³ qty vide TMBP ③ item ①					
54.67 m ³ @ Rs. 71.50/m ³ - Rs. 3,90,987.00					
⑦ P/L RCC pipe NP-3 for culverts on first class					
bedding of PCC M10 (600mm dia)					
7.50 m qty vide TMBP ③					
item ⑦ @ Rs. 4073.81/m - Rs. 30,554.00					
⑧ P/L RCC pipe NP-3 for culverts on first class					
bedding of PCC M10 (1000mm dia)					
7.50 m qty vide TMBP ④ item ②					
@ Rs. 8024.42/m - Rs. 60,183.00					
⑨ Painting two coats incl- uding primer coat					
12.48 m ² qty vide TMBP ③ item ⑤					
20.16 m ² qty vide TMBP ④ item ⑬					
32.64 m ² @ Rs. 137.36/m ² - Rs. 4,483.00					
⑩ Const ⁿ of embankment with approved material					
Up to 1000 m land					
2535.517 m ³ qty vide TMBP ④-⑤					
item ⑭ @ Rs. 267.79/m ³ - Rs. 6,78,980.00					
⑪ Const ⁿ of sub-grade & earthen shoulder width					

Continuation

Continuation

Continuation