

प्रमाणित किया जाता है कि इस मापी पुस्तक
में मशीन द्वारा मुद्रित हुए तों (100) प्रमाणित
उचित हैं इस मापी पुस्तक को सहायक
अभियंता, प्राचीन कार्य विभाग, कार्य उपर
प्रमंडल, टंकुपा को निर्गत किया जाता है।

10.7.20
कार्यपालक अभियंता
प्राचीन कार्य विभाग
कार्य प्रमंडल, गया
10.7.20

Reissue to Sri Harishankar
J.E. RWD WORKS sub
Division Tankuppa under
RWD WORKS Division Gaya.
10.07.20
A.E.

Sch. XLV-Form No. 134

E.F. R.W.D. (W) DIVISION
A.E. R.W.D. (W) SUB-DIVISION
TANKUPPA

Measurement Book

No. 2885

Name of officer _____

Date of first entry _____

Date of last entry _____

5.84

1.32

16 m

5.84

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 of Road					
From Khabra road to					
Bagha bigha under					
Head M.M. 494 (Gen)					
Name of Agency - M/S Raj Laxmi					
Construction, At-Kanandi					
town, Wazirganj, Gaya.					
Agreement No. - 23/M.H.S.Y/Cen/S.B.D/20-21					

Date of commencement - 28.05.20

Date of completion - 27.05.21

(1) E/W in excavation of
found. of structure -
etc

(1000 mm ϕ H.P.C 04 Nos)

N.W. - $4 \times 2 \times 6.30 \text{ m} \times 1.40 \text{ m} \times 1.50 \text{ m} = 105.84 \text{ m}^3$

Pipe works - $4 \times 1 \times 5.90 \text{ m} \times 1.50 \text{ m} \times 0.80 \text{ m} = 28.32 \text{ m}^3$

134.16 m^3

(2) Plv P.C.C M10 in
open found - etc

$4 \times 2 \times 6.30 \text{ m} \times 1.40 \text{ m} \times 0.15 \text{ m} = 10.58 \text{ m}^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) Plv P.C.C. M15 in open found. - - etc					
$4 \times 2 \times 6.00 \text{ m} \times 0.80 + 1.25 \text{ m} \times 1.35 \text{ m}$					66.42 m^3
Below pipe					
$4 \times 1 \times 5.90 \text{ m} \times 1.50 \text{ m} \times 0.25 \text{ m}$					8.85 m^3
					75.27 m^3
(4) Plv P.C.C. M15 in sub- structure - - etc					
$4 \times 2 \times 6.00 \text{ m} \times 0.80 + 0.40 + 0.40 \text{ m} \times 1.35 \text{ m}$					46.08 m^3
$4 \times 2 \times 6.00 \text{ m} \times 0.40 \text{ m} \times 0.60 \text{ m}$					11.52 m^3
Deduct pipe portion					

$4 \times 2 \times 3.114 \times (1.20 \text{ m})^2 \times 0.60 \text{ m} \div 2$	5.43 m^3
	52.17 m^3

(5) Plv & Layie R.C.C pipe

NP3 1000 mm d - - etc

$4 \times 3 \times 2.50 \text{ m} = 30.00 \text{ m}$

(6) Filling in found.

frenches - - etc

H.W. - $4 \times 2 \times 6.00 \text{ m} \times 0.075 + 0.525 \text{ m}$

$\times 1.35 \text{ m} = 19.44 \text{ m}^3$

Around pipe -

$4 \times 1 \times 6.30 \text{ m} \times 1.50 \text{ m} \times 0.90 \text{ m} = 34.02 \text{ m}^3$

Deduct pipe part

$4 \times 1 \times 6.30 \text{ m} \times 0.91 \text{ m} = 22.93 \text{ m}^3$

Continuation

30.53 m^3

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Change of area (m)	mean area (m ²)	mean length (m)	length (m)	volume (m ³)	
0	2.40	—	—	—	—
50	4.97	3.685	184	50	184.25
100	5.40	5.185	50	50	259.25
150	4.84	5.120	50	50	256.00
200	4.75	4.795	50	50	239.75
250	4.65	4.700	50	50	235.00
300	4.79	4.720	50	50	236.00
350	4.57	4.680	50	50	234.00
400	4.60	4.585	50	50	229.25
450	4.76	4.780	50	50	239.00
500	4.94	4.950	50	50	247.50

550	5.70	5.070	50	50	253.50
600	4.91	5.055	50	50	252.75
650	5.001	5.00	50	50	250.00
700	5.25	5.17	50	50	258.50
750	5.45	5.35	50	50	267.50
800	5.57	5.51	50	50	275.50
850	6.19	5.88	50	50	294.00
900	6.16	6.175	50	50	308.75
950	6.44	6.300	50	50	315.00
1000	6.55	6.495	50	50	324.75
1011	1.20	3.875	11	11	42.63
Total area = 502.88 m ²					
Less Sub-grade vide above (11) = 42.63 m ²					
					2782.55 m ²

Continuation

Particulars	Details of actual measurement				Contents of area.
	No.	L.	B.	D.	
(a) For 1000m lead					
30% of 2782.55 m ³ = 834.77 m ³					
b) For 100m lead					
20% of 2782.55 m ³ = 1947.78 m ³					
(11) P.V. & filling Interconnection					
Sign board - etc					
			02 Nos		
(12) Laying 300mm ϕ H.P. - etc					
6 x 3 x 2.50 m $\pm$ 45.00 m					
④ work					
4.1.2					
T.E.					

Abstract of	Qd	
(16) E/W in ex Cavation		
for structure - - etc		
Qty vide TMB		
Page No (17) - 134.16 m ³		
@ ₹ 285.17/m ³		₹ 38258.4
(17) P.V. P.C.C. M10 in		
fond - etc		
Qty vide TMB		
Page No (18) - 10.58 m ³		
@ ₹ 4179.04/m ³		₹ 44214.80
(18) P.V. P.C.C. M15 in		
fond - - etc		
Qty vide TMB		

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Page No. (02) - 75.27 m ³					
@ ₹ 4162.08/m ³					₹ 313280.16
(4/19) Plv P.C. MIS in					
lur sh - - etc					
Qty in det THB					
Page No. (02) - 52.17 m ³					
@ ₹ 4356.66/m ³					₹ 227273.14
(5) Plv & Layir R.C.C					
Pipe 1000 mm					
- - etc					
Qty in det THB					
Page No. (02) - 30.00 m					

@ ₹ 3431.05/m					₹ 102932.14
(6/21) Layir cor fillie					
in fond trench					
- - etc					
Qty vide THB					
Page No. (02) - 30.53 m ³					
@ ₹ 555.50/m ³					₹ 16959.00
(7/12) Const. of refrena					
& workie bench mark					
- - etc					
(i) Reference & workie					
bench mark					
Qty vide THB					
Page No. (03) - 1.011 KM					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ ₹ 5095.37/KM					₹ 5151.00
(ii) Reference Dillam/Burjell					
Qty inde TMB					
Page No. (3) - 1.011 KM					
@ ₹ 3461.87/KM					₹ 3500.00
(8/3) clearing & Grubbing					
road land - etc					
Qty inde TMB					
Page No (03) - 0.71 Hect					
@ ₹ 49530.51/Hect					₹ 35167.00
(9/6) Const of sub-grade of					
2/shoulder - etc					
Qty inde TMB					
Page No (03) - 2420.33 m ³					
@ ₹ 183.51/m ³					₹ 444178.00
(10/415) Const of embankment					
with material obtained					
from borrow pit -					
(a) For 1000 m lead					
Qty inde TMB					
Page No. (05) 8342.7 m ³					
@ ₹ 181.87/m ³					₹ 151820.00
(b) For 100 m lead					
Qty inde TMB					
Page No (03) - 1947.78 m ³					
@ ₹ 139.74/m ³					₹ 272183.00
(11) Plw & Filling typical					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Informatory line board					
- - -					
Qty in de THIS					
Page No. (05) - 02 No					
@ ₹ 10937.37/m. — ₹ 21875.4					
(12/20) Layer cement concrete					
pipe NP 3 300 mm φ					
- - -					
Qty in de THIS					
Page No. (05) - 45.00 m					
@ ₹ 703.95/m — ₹ 31678.4					

			₹ 1708438.00
Add 12% G.S.T. (H)	₹	205013.00	
Add 1% G.S.T. (H)	₹	17084.4	
	₹	1930535.00	
Less 10% below	₹	170844.00	
4.1.20		193054.00	
J.E		₹ 1537599.00	
		₹ 1737482.00	

NKANJAN
 04.01.21
 A.E

1st on AIC P&P

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 of Road
from Khabra road to
Bagha Bigha under
Head M.M.S.Y. (Gen)

Name of Agency - M/S Raj Laxmi
Construction, At - Kanaudi
town, Bazariganj, Gaya.

Agreement No. - 23/M.M.S.Y./Gen/SAY/20-21

Date of commencement - 28.05.20

Date of completion - 27.05.21

(1) E/W in excavation of
found. of structure -
etc

(1000 mm dia H.P.C. O.V. No. 1)

H.W. - $4 \times 2 \times 6.30 \text{ m} \times 1.40 \text{ m} \times 1.50 \text{ m} = 105.84 \text{ m}^3$

Pipe work - $4 \times 1 \times 5.90 \text{ m} \times 1.50 \text{ m} \times 0.80 \text{ m} = 28.32 \text{ m}^3$

134.16 m³

(2) Plv P.C.C M/D in
open tank - etc

$4 \times 2 \times 6.30 \text{ m} \times 1.40 \text{ m} \times 1.50 \text{ m} = 105.84 \text{ m}^3$

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[illegible]

Continuation