

Copy, Vinayesh K.R. Singh,

Par Male

17/11/2024

Schedule XIV - New No 1315

Keen to see

BIHAR P.W.D.

E.C. R.W.D. WORK Arranged **DIVISION**

Ac. Kadambari **SUB-DIVISION**

RECOMMEND FOR NO 4128
06/03/2021-22
(10 of 5000)

Est on A/c Bo'll

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.	
Highway work - Interchange at Haridwar					
To 1st bridge over the river					
Head m/s 250					
Agency - V. K. Singh					
J. Singh (owner)					
Agreement - 06.07/2021-22					
(10.05.2021)					
Agreement Value -					
(A) 10018.117.00					
(B) 118494.200					

10018.117.00

Date of work started - 29/07/21

Date of completion - 28/07/22

Details -

Item (3) Clearing, grubbing

road bed -

2x 10x 30m x 3.50m = 2100m³

2x 10x 30m x 2.50m = 1500m³

2x 10x 30m x 3.50m = 2100m³

2x 10x 30m x 3.50m = 2100m³

2x 10x 30m x 3.50m = 2100m³

2x 5x 20m x 3.50m = 1050m³

Continuation

11550m³

⇒ 1.155 Hect.

⇒ 1.16 Hect.

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
glen (29) Dismantling of existing structure Culvert - do - 9.15 ⁰ ✓					
glen (30) Dismantling of existing structure like culvert - do - do					
Complete JIS 98 basement - Excavation - 270.24 ⁰					
glen (31) Removal of Lume before do - ✓ 60 m long - 60 m wide					
glen (32) 60-90 m long - 250 m ² ✓					
1/60 m long HPC - 748.1					
glen (33) 115 m long Culvert on foundation - do -					
2 x 3.700 x 1.150 x 0.150 = 1.343 ⁰					
1/5.244 x 1.150 x 0.250 = 1.500 ⁰					
For 1/2 HPC - 2.850 ⁰ = 19.950 ⁰ ✓					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
96m (24) Plc Placm corner					
Corner in Head 09/11					
24.1 Vent - do - also					
Complete Jcs 28.12.1978					
2 x 8.60m x 1.040.90 x 2.78m = 14.011m ³					
2 x 8.60m x 0.60m x 0.60m = 1.728m ³					
less pipe -					
2 x 1/4 x (0.190 x 2) x 0.53m = 0.574m ³					
					15.17m ³
for 7m HPC -					
2 x 15.17m ³ = 106.19m ³					
96m (22) Plc 2.5m Rec. P. He					
for 2.5m - do -					
7 x 3 x 2.5m = 52.50m ³					
19.12.78					
for 1000 m HPC					
96m (27) Elc 2.5m extension					
in junction					
do -					
2 x 6.45m x 1.40m x 1.50m = 27.09m ³					
Below pipe -					
1 x 4.85m x 1.50m x 0.60m = 2.70m ³					
					29.30m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
50m (B2) Pl. & Laying					
R.C.C. & B. below					
Calcutt - do -					
2 x 2 x 3 x 2.50m = 30 meter					

05/02/22
15

Fast & Loose Calculation -				
Ch -	Area	Mean Area	DISTANCE	VOLUME
m	m ²	m ²	m	m ³
0.00	0.489	-	-	-
50m	0.576	0.518	50	25.90
100m	0.912	0.744	50	37.20
150	1.832	0.872	50	43.60
200	1.045	0.939	50	46.95
250	1.055	1.050	50	52.50
300	0.852	0.954	50	47.70
350	1.062	0.958	50	47.90
400	1.159	1.111	50	55.550
450	0.798	0.978	50	48.900
500	1.216	1.007	50	50.350
550	1.162	1.189	50	59.45

Continuation

Sch. XLV-Form No. 134 ⁸

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
600	0.842	1.002	50		50.100
650	0.630	0.736	50		36.80
700	1.219	0.925	50		46.25
750	0.843	1.031	50		51.55
800	0.784	0.814	50		40.70
850	1.223	1.004	50		50.20
900	1.296	1.255	50		62.75
950	1.088	1.187	50		59.35
1000	1.029	1.058	50		52.90
1050	1.436	1.232	50		61.60
1100	1.124	1.280	50		64.00
1150	1.092	1.108	50		55.40
1200	0.818	0.955	50		47.75
1250	0.908	0.863	50		43.15
1300	1.055	0.982	50		49.10
1350	1.162	1.059	50		52.95
1400	1.064	1.113	50		55.65
1450	1.139	1.112	50		55.60
1500	0.777	0.978	50		48.90
1550	1.215	1.006	50		50.30
1600	1.162	1.189	50		59.15
1650	0.882	1.002	50		50.10
					1660.550
960 (7) Construction area of the structure					
Width of structure measured					
1000 - 1000					
0.49 x 1660.55 = 813.675					
20/2/22					
Jai					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Item ⑤ Construction of perforation					
Water meter					
do					
each - 10000					
$0.51 \times 166.55 = 846.88$					
Item ⑥					
Water meter					
do					
each - 10000					
$0.51 \times 166.55 = 846.88$					
Item ⑥ Construction of drainage					
1 section 8 holes					
do - 10000					
do 10000					
$2 \times 300 \times 5.00 \times 0.20 = 90.00$					
$15 \times 300 \times 2.30 \times 0.20 = 985.50$					
$1 \times 100 \times 7.30 \times 0.20 = 21.90$					
After cap					
$10 \times 200 \times 3.00 \times 0.20 = 657.00$					
$10 \times 300 \times 2.00 \times 0.20 = 657.00$					
$4 \times 250 \times 3.00 \times 0.20 = 262.80$					
$1 \times 100 \times 7.20 \times 0.20 = 21.90$					
2696.10					
each - 10000 continuation					
$0.30 \times 2696.10 = 808.83$					

Sch. XLV-Form No. 134

Particulars	Details of actual measurements				Contents of area
	No.	L	B	D	
(4) Construction of embankment width 100 ft lead 100 m width 131.03 ft 813.67 cu yd eq 131.03 ft x 813.67 cu yd 106615 cu yd					
(5) Construction of embankment width 100 ft lead 100 m width 174.94 ft 846.88 cu yd eq 174.94 ft x 846.88 cu yd 148153 cu yd					
(6) Construction of embankment width 100 ft lead 100 m width 176.58 ft 808.82 cu yd eq 176.58 ft x 808.82 cu yd 142823 cu yd					
(7) Construction of embankment width 100 ft lead 100 m width 141.17 ft 1937.27 cu yd eq 141.17 ft x 1937.27 cu yd 266425 cu yd					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
⑧ FSI - Construction of					
Frontier & boundary					
including water					
- do -					
Vice Table (10) 1149.70 ³					
Q 2163.10 ¹ 218749 ²⁰					
⑨ Water - Pumping					
Including & boundary					
Stone Aggregate					
- do -					
Vice Table (11) 275.625 ³					
Q 2914.27 ¹ 803246 ²⁰					
⑩/11 - Pile & filling					
Log on boundary					
Brought -					
- do -					
Vice Table (12) 263					
Q 9172.06 ¹ 18344 ²⁰					
11/28 - Irrigation Pipe -					
Plan & map of					
PCC Pipe over					
2.50 m wide -					
- do -					
Vice Table (13) 20.00 ³					
Q 893.07 ¹ 26792 ²⁰					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
15/32- Pl. 2nd floor P.C.C. 100					
Plaster for 1000 sq. ft.					
1000					
Volume of 1000 sq. ft. 52.50 meter					
Volume of 1000 sq. ft. 20.0 meter					
82.50 meter					
1000 1007.32/8					
1000 8310420					
16/34- Pl. 1000 sq. ft. H.P.C.					
Plaster for 1000 sq. ft.					
1000					
Volume of 1000 sq. ft. 29.80 meter					
29.80 meter					
29.80 26.32/8					
26.32 802620					
17/35- Pl. 1000 sq. ft. P.C.C. 100					
Plaster for 1000 sq. ft.					
1000					
Volume of 1000 sq. ft. 4.60 meter					
4.60 meter					
4.60 4495.19/8					
4495.19 206820					
18/36- Pl. 1000 sq. ft. P.C.C. 100					
Plaster for 1000 sq. ft.					
1000					
Volume of 1000 sq. ft. 23.74 meter					
23.74 meter					
23.74 5215.75/8					
5215.75 17597920					

Continuation

