

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Tst on the toll					
Name of work - cons of road from					
Chaudh to Poshikapur					
under (3054 M.R)					
Survey - S. Rajendra Singh					
Agreement No - 10 (M.R-3054)					
Agreement value - 88,75,057/-					
Date of Agreement - 22.2.20					
Date of Completion - 21.11.20					
Actual Date of Completion - 19.11.20					

① clearing & grubbing Road
Land - all - do - do

$$2 \times 141.430 \text{ m} \times 1.0 = 282.86 \div 10,000$$

$$= .028286$$

say .85 Ha.

② cons of G.S.B - do - do

(Pot. material)

$$3.86 \times 2.30 \times .175 = 1.554 \text{ m}^3$$

$$6.68 \times 1.30 \times .175 = 1.519 \text{ m}^3$$

$$4.79 \times 2.50 \times .175 = 2.095 "$$

$$1.39 \times 1.55 \times .175 = .431 "$$

$$\text{CO. } 5.599 \text{ m}^3$$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ch. to -				A.F. =	5.57911
24.30 x 3.75 x .175				"	39.375
24.18 x 2.5 x .175				"	15.75
14.91 x 1.75 x .175				"	4.566
14.91 x 2.5 x .175				"	6.523
11.45 x 2.4 x .175				"	4.809
8.04 x 2.25 x .175				"	3.165
11.19 x 3.0 x .175				"	5.874
6.77 x 2.7 x .175				"	3.198
2.57 x 3.0 x .175				"	1.349
5.66 x 2.6 x .175				"	2.575
11.5 x 2.3 x .175				"	4.628
9.5 x 2.7 x .175				"	4.488
24.25 x 4.05 x .175					35.437
4.16 x 2 x .175					1.456
				T =	139.792 M ³

(3) con's of w.B.M. Grady - 2 stone
Metal - do - do
(Pot. measurement)

$$\text{Qty item (2) P. (2)} = 139.792 \text{ M}^3$$

$$139.792 \div .175 = 798.811 \times .075$$

$$= 59.910 \text{ M}^3 \rightarrow \text{A}$$

$$7.76 \times 2.40 \times .075 = 1.396 \text{ M}^3$$

$$10.58 \times 2.70 \times .075 = 2.142$$

$$5.44 \times 1.65 \times .075 = 0.673$$

$$\text{CO} = 4.211 \text{ M}^3$$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ch. to -				R.F =	4.211 m ³
10.67 x 1.83 x .075					1.480 "
30 x 3.75 x .075					8.437 "
16 x 2.6 x .075					3.12 "
21.5 x 2.78 x .075					4.482 "
15.09 x 2.60 x .075					2.942 "
10.67 x 1.85 x .075					1.480 "
9.11 x 1.60 x .075					1.093 "
11.16 x 2.6 x .075					2.176 "
13.13 x 2.35 x .075					2.314 "
14.42 x 2.60 x .075					2.811 "
18.81 x 1.85 x .075					2.609 "
18.81 x 2.60 x .075					3.667 "
7.47 x 1.60 x .075					1.136 "
9.56 x 2.90 x .075					2.079 "
9.58 x 2.85 x .075					2.043 "
8.24 x 2.60 x .075					1.606 "
25 x 3.75 x .075					7.031 "
18 x 2.73 x .075					3.685 "
				T =	58.402 m ³
				→ (B)	
Net of (A+B) =					118.312 m ³
(4) cons of w.B.M. 2d-3 stage					
Metal - 2d					
(not measured)					
Qty same as (B) p (B) →					118.312 m ³
				→ (A)	

Continuation

Dimensions: Distance of center of gravity from base

Dimensions	Distance of center of gravity from base	Volume
(4) 10.00 x 1.00 x 1.00	1.00	10.00 m ³
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "

10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "
10.00 x 1.00 x 1.00	1.00	10.00 "

T = 6.821 m³

→ (B)

Net vol (A+B) = 17.133 m³

(5) Provide prime coats - 20

Sch. XLV Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	H.	
chko					
of idm (12 M ²)					
	179	1303	075		2388.44 M ²
(6) Tack coats - do - do					
of same idm (5) P-5					
					2388.44 M ²
(7) 20 mm thick M/S/S - do - do					
of same idm (6) P-5					
					2388.44 M ²
(8) Tack coats - do - do					
	141	30 M	3.75		15862.5 M ²
(9) Brandy S.P.B.C - do - do					
	141	30 M	3.75	0.25	396.562 M ³
(10) Providing & Laying Kilometer stone post - do - do					
	2	2			4 M ³
	1	1			1 M ³
					T = 5 M ³
(11) 200 MM Post - do - do					
	4	3			12 M
	1	5			5 M
					T = 17 M ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) <u>Water retainer</u> <u>Fr. Hec</u>					
<u>2.7m</u> <u>do</u>					
$2 \times 2.70 \times .82 = 1.73 \text{ M}^2$					
(13) <u>Provide & lay water retainer</u>					
<u>Informal sign board</u>					
<u>do</u>					
$4 \times 12 = 48 \text{ M}^2$					
$4 \times 4 = 16$					
$\text{Total } 64 \text{ M}^2$					
(14) <u>600 mm circular board</u> <u>do</u>					
$2 \times 4 = 8 \text{ M}^2$					
(15) <u>600 x 450 20 mm</u> <u>do</u>					
$17 \text{ M}^2 = 17 \text{ M}^2$					
(16) <u>Plant of tree</u> <u>do</u>					
$2 \times 79 = 158 \text{ M}^2$					
$2 \times 27 = 54$					
$\text{Total } 212 \text{ M}^2$					
(17) <u>Provide Road marking</u>					
<u>do</u>					
$2 \times 41 \times 30 \times .100 = 846 \text{ M}^2$					
(18) <u>Provide H.M.C.S.4 sign board</u>					
<u>do</u>					
$2 \times 2 = 4 \text{ M}^2$					

Continuation

Abstract of Cost

① clearing & Grubbing

- all complete job

Q_h V.P (1) 0.85 Ha

B) 49496.70 / Ha — B) 42072 =

② con's of Earthen shoulder

- all complete job

Q_h V.P (2) 1755 M³

B) 176.96 / M³ — B) 310565 =

C.O = 352637 =

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
				$\beta_1 = 352.637$
③ coal of G.S.B. Gnd II				
material - all complete				
sub.				
Op. V.P. ③		139.792		
		48.712	M^3	
B) Limit of		138.77	M^3	
B) 2309.30 / M^3				B) 320.508 =
④ Praddy w.B.M. Gnd - 2				
all complete sub				
Op. V.P. ④		118.312	M^3	
B) 4304.91 / M^3				B) 509.323 =
⑤ Praddy w.B.M. Gnd - 3				
all complete sub				
Op. V.P. ⑤		179.133	M^3	
Limit of		178.80	M^3	
B) 3845.35 / M^3				B) 687.549 =
⑥ Praddy Prime coals				
all complete sub				
Op. V.P. ⑥		2388.44	M^2	
Limit of		2384.0	M^2	
B) 40.98 / M^2				B) 97.696 =
				95.551 =

C.O. = 19,655.68

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F. = 1967713.
(7) Jack coals - all					
complete sl.					
of V.P (5) 2388.44 M ^L					
Limit of 2384.0 M ²					
B) 13.90/M ^L					33138 =
(8) Brandy MMS - all					
complete sl.					
of V.P (5) 2388.44 M ^L					
Limit of 2384.0 M ^L					
B) 223.21/M ²					532133 =

(9) Jack coals - all					
complete sl.					
of V.P (5) 15862.50 M					
B) 11.66/M ^L					184957 =
(10) Brandy S.D.P.C - all					
complete sl.					
of V.P (5) 398.562 M ³					
B) 10947.94/M ³					4341537 = 4308693 =
(11) Klonabe Stone Port-sl					
of V.P (5) 5 M ⁶					
B) 2258.26/cut					11291 =
					C.O. 70,35780.

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F. =	7070769 =
(12) 200 mt post - all					
complete post - all					
tbl.					
Op. V.P. (5) 17 Hs					
B) 632.04 / Ea				B) 10745 =	
(13) Traffic Signal - all					
complete tbl.					
Op. V.P. (6) 1.92 H					
B) 12329.17 / H				B) 23672 =	
(14) Informatory Sign					
board - all complete					
tbl.					
Op. V.P. (6) 64 H					
B) 3637.62 / Ea				B) 232808 =	
(15) 600 mm circular board					
- all complete tbl.					
Op. V.P. (6) 8 Hs					
B) 3607.86 / Ea				B) 29896 =	
(16) 600 x 450 mm - all					
complete tbl.					
Op. V.P. (6) 18 Hs					
B) 3607.86 / Ea				B) 64941 =	

CO = 7397842 =

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F =	743283 =
(17) Plenty of dec - all					
complete sub					
of V.P (C) 212 M					
(with 1/2 area mark sub)					
Q) 800.30 / Each				Q)	70293 =
symmetrical Q) 331.57 / Each				A	
(18) Road masonry - all					
complete sub					
of V.P (C) 846 M ²					
Q) 735.40 / M				Q)	622148 =
(19) M.M.G.S. 4 sign board					
- all complete sub					
of V.P (C) 4 M					
Q) 9303.58 / Each				Q)	37214 =
				T =	8162486 =
104 below C-1					816248 =
				T =	7346238 =
Add 14. Labour cost (+)					7346238 =
Add 124 G.S. 7 (+)					881549 =
				Total	82,35,133 =

19.11.20
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Continuation

PT-0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Royalty					
(1) Earth $\rightarrow 17.55 M^3$					
P) 23.78 / M^3					41734 =
(2) G.S.B $\rightarrow 138.79 M^3$ (26.9 to 9.5 mm)			48.576		
(a) Stone Metal - 105.48 M					
P) 553.32 / M^3 (9.5 to 2.35 mm)					26878 =
(b) Sand - 70.78 M^3 34.697 M^3					
P) 411.33 / M^3					14272 =
(c) Sand - 55.516 M^3					
P) 116.85 / M^3					6487 =
(3) (w.B.M. gnl - 2)					

(1) Stone Metal $\rightarrow$ (63 to 45 mm)					
Qty - 143.157 M^3					
P) 427.69 / M^3					61227 =
(ii) screening material					
Qty - 28.394 M^3					
P) 345.52 / M^3					9811 =
(4) w.B.M. gnl - 3 (53 to 22.4 mm)					
(i) Qty - (Stone Metal) 217.558 M^3					
P) 458.22 / M^3					99689 =
(ii) screening material - Qty - 43.182 M^3					
P) 345.52 / M^3					14910 =

Continuation