

KUDMO

MMGSY-(Awsegh)-NDB

Pakgen:- MMGSY-(Awsegh) NDB- BRAP-2-439. Tekari.

~~Sub-Office~~

Tekari Mahamangra Road to Gaharbut Bhurntoli

~~Sub-Office~~

E.F. R.W.D

TIKARI

A.F. R.W.D

~~Sub-Office~~

TIKARI

Agency:- Trikutawasi Intech Pvt. Ltd

~~Sub-Office~~

1094

~~Sub-Office~~

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(4) const. of embankment with material obtained from borrow pits do					
(i) For 1000m lead					
	2.8	25	6.70	0.30	1407 m ³
(ii) For 1000 m lead					
	30%	of	1407 m ³	=	422.10 m ³
			+ 250 m ³	=	672.10 m ³
(ii) For 100 m lead					
	70%	of	1407 m ³	=	984.90 m ³
			limit to		734.88 m ³
(5) Const. of subgrade and earthen shoulders do					
side of BES	2	12	25	1.5	0.10 = 90 m ³
side of GJB	2	12	25	1.5	0.10 = 90 m ³
					Total 180 m ³
(i) For 1000 m lead					
	30%	of	180	=	54 m ³
(ii) For 100 m lead					
	70%	of	180	=	126 m ³
(6) const. of granular subbase do					
	2	500	0.5	0.10 =	50 m ³
	2	400	3.7		
	2	300			

Continuation

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
⑥ const. of granular subbase — do —					
2X 500X0.50X0.10=					50 m ³
2X 12X25X4.0X0.10=					120 m ³
Profile correction 4X 25X3.0X0.10=					30 m ³
8X 10X 3.10X0.10=					24.80 m ³
Total					224.80 m ³
⑦ Earthwork in excavation for structure — do —					
H.W. 2X 3.90X1.150X1.50 =					13.455 m ³
below pipe 1X 5.350X1.130X0.365 =					2.207 m ³
Total					15.662 m ³
For 2 H.P.					

For 2 H.P culvert					
2X 15.662 =					31.324 m ³
∴ total ent =					31.324 m ³

⑧ Providing m-15 as levelling course in found — do —					
2X 3.90X1.150X0.150 =					1.345 m ³
below pipe 1X 5.311X1.130X0.250 =					1.50 m ³
less for 0.250X0.7857X0.830 ² X 5.849					
pipe					= ⊖ 0.791 m ³
Total					2.054 m ³

For 2 H.P culvert					
2X 2.054 =					4.108
∴ Total ent =					4.108 m ³

Continuation

Sch. XLV-Form No. 184

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	

⑨ Providing concrete
for plain reinforced
concrete in open found.

$$2 \times 3.60 \times 0.70 \times 2.780 = 14.011 \text{ m}^3$$

$$2 \times 3.60 \times 0.40 \times 0.60 = 1.728 \text{ m}^3$$

$$\text{Length for pipe } 2 \times 0.7857 \times (0.830)^2 \times 0.530 = 0.574 \text{ m}^3$$

$$\text{Total} = 15.165 \text{ m}^3$$

For 2 H.P. culvert

$$2 \times 15.165 = 30.33 \text{ m}^3$$

$$\therefore \text{Total amt} = 30.33 \text{ m}^3$$

⑩ Providing and laying
reinforced cement
concrete pipe

do

$$3 \times 2.50 = 7.50 \text{ m}$$

for 2 H.P. culvert

$$2 \times 7.50 \text{ m} = 15 \text{ m}$$

$$\therefore \text{Total amt} = 15 \text{ m}$$

⑪ WBM gr-II, Providing, laying,
spreading and compacting
stone aggregates do

$$20 \times 2.5 \times 3.75 \times 0.075 = 140.625 \text{ m}^3$$

Wsingh
27/12/24
JE

Q. 27/12/24
OB

Continuation

Abstract of cost

Sch. XLV-Form No. 134

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
① <u>Setting out pillars</u> do					
(i) <u>Benchmark pillars</u> do					
ant = 1 No. P-①					
item 1(i) @ Rs 4301.86 =					
				Rs	4302 =
(ii) <u>Reference pillars</u> do					
ant = 4 No. P-①					
item 1(ii) @ Rs 1980.37 =					
				Rs	7921 =
② <u>clearing & grubbing road land</u> do					
ant = 0.15 hect					
P-① item- ②					
@ Rs 76947.02 = Rs					11542 =
③ <u>Box cutting</u> do					
ant = 50 m ³ P- ①					
item - ③ @ Rs 190.23 =					
				Rs	9512 =
④ <u>const. of embankment with material obtained from borrow pits</u> do					
(i) For 1000 m lead					
ant = 472.10 m ³ P- ②					
item - 4(i) @ Rs 258.72 =					
				Rs	173886 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(ii) For 100 m lead					
ent = 734.88 m ³ P-(2)					
itm - 4(ii) @ Rs 18597 =					
				Rs	136666 =
(5) const. of subgrade & earthen shoulder					
do					
(i) For 1000 m lead					
ent = 108 m ³ P-(2)					
itm - 5(i) @ Rs 313.12 =					
				Rs	33817 =
(ii) For 100 m lead					
ent = 126 m ³ P-(2)					
itm - 5(ii) @ Rs 226.16 =					
				Rs	28496 =
(6) const. of granular subbase - do -					
ent = 224.80 m ³					
P-(3) itm - (6)					
@ Rs 1850.49 = Rs					415990 =
(7) Earthwork in excavation					
do					
ent = 31.324 m ³ P-(3)					
itm - (7) @ Rs 405.80 =					
				Rs	12711 =
(8) Providing m-1.5 as levelling course					
in found - do -					
ent = 4.108 m ³ P-(3)					
itm - (8) @ Rs 5611.80 =					
				Continuation Rs	23053 =

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(9) Providing concrete for plain reinforced concrete in open found. do					
amt = 30.33 m ³ P- (9)					
item - (9) @ Rs 6010.34 =					
				Rs	182294 =
(10) Providing & Laying reinforced cement concrete pipe do					
amt = 15 m P- (10)					
item - (10) @ Rs 3175.88					
				Rs	47638.2
(11) WBMge - III Providing, Laying, spreading and compacting stone aggregates do					
amt = 140.625 m ³ vide					
TMB Page - (4) item - (11)					
@ Rs 3175.44/m ³				Rs	446546 =
Total Rs					1534374 =
Add GST - 18% J. (1)				Rs	276187 =
Add Labourers 1% J. (1)				Rs	15344 =
Add Saini storage fee (1)				Rs	33195 =
Total Rs					1859100 =
less 1.5% as per agreement				Rs	28072 =
Total Rs					1831028 =
27/12/24 JE					
27/12/24 AE					
27/12/24					

Continuation