

71-13-110-3309

Measurement Post-1

Schedule XLV-Form No. 134

1462/107147

27026.14 817 8101157 81359

$$\frac{211}{\sqrt{14401}} \times \frac{21}{\sqrt{16103740}}$$

DIVISION

11/2/21

SUB-DIVISION

RT.B.NO- 3309

1st an RA/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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Parsa manikpur					
pmcossy path to Futir Khurd					
cross Tola tak					
Name of Agency - Mangj Thakur					
Agreement no - 24 SBD/2020-2021					
Date of start of work - 03/07/2020					
Date of completion - 02/07/2021					
<u>Measurement</u>					
1. Setting out pillars					
providing and fixing					
of working bench mark					
do					1.020 km
2. clearing and grubbing					
road land					
as per tech. specification					
$2 \times 34 \times 30 \times 2.0 = 4080m^2$					
$= \frac{4080m^2}{10000} = 0.408 = 0.408 \text{ Hect}$					
3. Box cutting					
Excavation for roadway					
in soil					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
as per tech. specification					
2x 34x30x0.525x0.1					107.10m ³
4. const. of embankment with approved material deposited from roadway					
do					
RPS 3x 30x 0.9x 0.8					64.8m ³
Limit to					64.26m ³
5. const. of embankment with material obtained from borrow pits					
do					
For 1000 m lead					
RPS 2x 20x 25x 0.8x 0.75					600m ³
Limit to					597.570m ³
6. const. of subgrade and earthen shoulders					
do					
side of GSP					
2x 34x 30x 0.975x 0.10					198.90m ³
7. const. of granular subbase by providing coarse graded material					
do					
as per tech. specification					

Continuation

P.T.O

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CSB in full width					3
34 X 30 X 4.050 X 0.10 =					413.10m ³
CSB in widening					3
2 X 34 X 30 X 0.525 X 0.10 =					107.10m ³
Profile correction					3
5 X 20 X 3 X 0.10 =					30.0m ³
Extra widening					3
30 X 1 X 0.1 =					3.0m ³
				Total	553.20m ³
				Limit to	552.02m ³
H.P. culvert					
(8) Earthwork in excavation					
for found. do					
as per tech. specification					
2 X 3.90 X 1.150 X 1.50 =					13.455
Below pipe					
1 X 5.350 X 1.130 X 0.365 =					2.207
				Total	15.662m ³
For 2 culvert				2 X 15.662 =	31.324m ³
(9) Providing M-15 PCC					
as levelling course					
in found. do					
as per tech. specification					
H.W.					
2 X 3.90 X 1.150 X 0.150 =					1.3455
Below pipe					
1 X 5.311 X 1.130 X 0.250 =					1.50
Less for pipe					
0.250 X 0.7857 X (0.830) ² X 5.849 =					0.791
				Continuation	
				Total	2.054m ³
for 2 culvert				2 X 2.054 =	4.108m ³

P.T.O

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) Plain/reinforced cement concrete in substructure					
do					
as per tech. specification					
$2 \times 3.6 \times 0.70 \times 2.78 =$					14.011 m^3
Parapet					
$2 \times 3.60 \times 0.40 \times 0.60 =$					1.728 m^3
Castor pipe					
$2 \times 0.7857 \times (0.830)^2 \times 0.530 =$					0.574
for 2 culvert $2 \times 15.165 =$					30.33 m^3
(11) Providing and laying					
RCC pipe NP-3 for					
culverts - do					
as per tech. specification					
$3 \times 2.50 =$					7.50
for 2 culvert $= 2 \times 7.50 =$					15.0
(12) Working					
25/02/2021					
JE					
RP 8m					
25-2-2021					
AE					
Frang.					

Continuation

Abstract of cost

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. Setting out pillars					
Qnt = 1.020 km wide					
TMB Page - (1)					
item - (1) @ Rs 6071.73					
					= Rs 6193 =
2. clearing and grubbing					
road Canal - do -					
Qnt = 0.4108 Hect wide					
TMB Page - (1) item - (2)					
@ Rs 51133.76/Hect =					Rs 20862 =
(3) Box cutting					
Qnt = 64.26 m ³ 107.10					
Page - (2) item - (3)					
@ Rs 126.24/m ³ = Rs 13520 =					
(4) const. of embankment					
with approved material					
deposited from roadway					
do					
Qnt = 64.26 m ³					
Page - (2) item - (4)					
@ Rs 88.36/m ³ = Rs 5678 =					
(5) const. of embankment					
with material obtained from					
borrow pits					
do					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
Qnt = 597.570 m ³					
vide TMP page (2)					
item (5) @ Rs 184.30/m ³					
				= Rs	110132 =
(6) const. of subgrade and earth shoulder					
do					
Qnt = 198.90 m ³					
Page (2) item (6)					
@ Rs 210.88/m ³				= Rs	41944 =
(7) const. of granular subbase					
do					
Qnt = 552.02 m ³					
Page (3) item (7)					
@ Rs 3531.92/m ³				= Rs	1949690 =
(8) Earth work in excavation for found					
do					
Qnt = 31.32 m ³ Page (3)					
item (8) @ Rs 294.73/m ³					
				= Rs	9230 =
(9) Providing m-15 PCC as levelling course in found					
do					
Qnt = 41.108 m ³ Page (3)					
item (9) @ Rs 5534.78/m ³					
				= Rs	22737 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) Plain reinforced cement concrete in substructure do - -					
dnt = 30.33 m ² Page-(7)					
item (10) @ Rs 6200.68/m ³					= Rs 188066=
(11) Providing and laying RCC pipe HP-3 for culvert do - -					
dnt = 15 m wide TMB					
Page-(7) item - (11)					
@ Rs 3188.31/m = Rs 47825=					
Add GST - 12% (+) Rs 289905=				Total Rs	2415877=
Add labour csn 1%. (-) Rs 24158=				Rs	289905=-
Less 0.02% as per agreement (-) Rs 5462=				A) Rs	24158=-
Total Rs 2729940.				Total Rs	2729940.
Total Rs 27293942				Rs	5462=
As per A/c No RPSM 25-2-2021 AE Fkmr.				Total Rs	27293942
Gupta 25/02/2021 JE				873406	
Signature Date 23/03/21					
Totl Sum - 125314 + 321					
40100					
241w 8521K2					