

Name of Road → Card of Mandar Trans farmer
to Irrigation Pyne

Schedule XLV-Form No. 134

Creative Engineer, R.W.D., W DIVISION

Sompadchak SUB-DIVISION

MB No - 7639

Measurement Book

1st on A/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 measurements relating to each work).

Particulars	Details of actual measurement				Conten of are
	No.	L.	B.	D.	
Name of work - Const ⁿ					
of Rd. from East of					
Hander transformer to					
Irrigation Pyn under					
NH454 (AWSESH) MDB.					
Agency - Nkeer Gagan Const ⁿ					
Agree No. - 43/SBD/2023-24.					
Date of Commencement -					
16-01-2024.					

(1) Setting out work's					
bench mark & reference					
pillars.					
				-	0.750
(2) Clearing grass & removal					
of rubbish up to a					
dist ⁿ of 90m					
2 x 6 x 30.00 x 3.00				-	1080.00
2 x 6.00 x 30.00 x 3.00				-	36.00m
2 x 5 x 30.00 x 3.00				-	900.00m
2 x 7 x 30.00 x 3.00				-	1260.00
2 x 4 x 30.00 x 3.00				-	720.00m
2 x 3 x 30.00 x 3.00				-	540.00m
2 x 6.00 x 3.00					/
					4536.00m
					ie 0.45 hect

Continuation



Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	

(3) Constⁿ of embankment
with approved material
obtained from borrow pits
A/c to E/W sheet of L/c
& C/s attached for records

S.No.	Chainage	Fill Area	Mean Area	Distance	Volume
1	0.00	2.272			
2	50.00	2.703	2.488	50	124.375
3	100.00	3.622	3.163	50	158.125
4	150.00	4.139	3.881	50	194.025
5	200.00	4.325	4.232	50	211.600
6	250.00	3.327	3.826	50	191.300
7	300.00	4.813	4.070	50	220.500
8	350.00	2.153	3.484	50	174.200
9	400.00	1.862	2.009	50	100.425
10	450.00	1.999	1.931	50	96.525
11	500.00	1.881	1.940	50	97.000
12	550.00	1.951	1.916	50	95.800
13	600.00	1.699	1.825	50	91.250
14	650.00	1.618	1.659	50	82.925
15	700.00	1.742	1.680	50	84.500
16	750.00	1.71	1.726	50	86.300
				E/W	1991.350 m ³ .

(i) Lead up to 100 m. - 1593.08 m³

(ii) Lead up to 1000 m. - 398.27 m³

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(4) Const ⁿ of Subgrade & Earthen Shoulders with approved material obtained from borrow pits.					
for Sub-grade					
5 x 30.00 x 7.70 x 0.30					415.80
6.00 x 7.70 x 0.30					13.86 m ³
6 x 30.00 x 7.70 x 0.30					415.80 m ³
5 x 30.00 x 7.70 x 0.30					415.80
7 x 30.00 x 7.70 x 0.30					485.10 m ³
8 x 30.00 x 7.70 x 0.30					
					1815.66 m ³
					1746.36 m ³
(5) Const ⁿ of Gravel					
Sub-base by providing coarse graded material for Grading - I.					
6 x 30.00 x 4.05 x 0.20					145.80 m ³
6.00 x 4.05 x 0.20					4.86 m ³
5 x 30.00 x 4.05 x 0.20					121.50 m ³
4 x 30.00 x 4.05 x 0.20					97.20 m ³
5 x 30.00 x 4.05 x 0.20					145.80 m ³
4 x 30.00 x 4.05 x 0.20					97.20 m ³
					612.36 m ³
(6) P/L/S & compacting crushed stone agg. of sp. mixer of WBV Grading.					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Content of area
	No.	L.	B.	D.	
2 x 30.00 x 3.75 x 0.075					16.88
4 x 30.00 x 3.75 x 0.075					33.75
6.00 x 3.75 x 0.075					1.688
6 x 30.00 x 3.75 x 0.075					50.63
4 x 30.00 x 3.75 x 0.075					33.75
					136.69
Super. 30/11/24 J.E.					
RR 30/11/24 PC					

⑦ P/F of typical M14SY
informatory sign board
with Logo. — 2 No.

~~Super.~~
01/12/24
J.E.

~~RR~~
01/12/24
PC

Abstract of Cost.

① Setting out working
bench mark & reference
pillars.

0.750 Km Qty vide TMBP①

Item ① @ Rs. 17774.00/Km - Rs 13331.25

② Clearing grass and
removal of rubbish up
to a distance of 30m.

0.45 hect. Qty vide TMBP①

Item ② @ Rs. 19930.80/hect. - Rs 8969.00

③ Const of embankment
with approved material

Continuation

5
Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
obtained from borrow pits					
(i) Load up to 100 m.					
1593.08 m ³ Qty vide TMBP (2)					
item 3(i) @ Rs. 217.07/m ³ - Rs. 3,45,810=-					
(ii) Load up to 1000 m.					
398.27 m ³ Qty vide TMBP (2)					
item 3(ii) @ Rs. 267.79/m ³ - Rs. 1,06,653=-					
(9) Const ⁿ of sub-grade & Earthen shoulders with approved material					
for sub-grade					
1736.36 m ³ Qty vide TMBP (3)					
item (4) @ Rs. 438.03/m ³ - Rs. 7,64,958=-					
(5) Const ⁿ of Granular					
sub-base by providing coarse graded material for Grading I.					
612.36 m ³ Qty vide TMBP (3)					
item (5) @ Rs. 3032.22/m ³ - Rs. 18,56,810=-					
(6) P/L/S & compacting					
stone agg. of sp. sizes of WBM Grading 3.					
136.698 m ³ Qty vide TMBP (3-4)					
item (6) @ Rs. 4470.48/m ³ - Rs. 6,11,106=-					
(7) P/F of typical MMSY inf-					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measure				Content of area
	No.	L.	B.	D.	
matong Ingn board					
with Logo.					
2 Nos Qty vide TM13P(4)					
item (7) @ Rs. 14031.24 / No.					Rs. 28,06
					Rs. 37,35,697
Add 18% GST (+)				6,	72,426
Add 1% L/c (+)					37,35,
Add 5% fee @ 10% (+)					91,809
					Rs. 45,37,291
Less 12% 79% as per reg. (6)				5,	80,320
					Rs. 39,56,971
Surf. 9.					
01/12/24 J.E.					

Material Statement

(1) E/W - 3213.802 m ³ @ 35.25/m ³					
					= Rs. 1,13,287
(2) Local Sand - 523.908 m ³ @ 144.75/m ³					
					= Rs. 75,836
(3) 53 mm to 9.5 mm agg - 367.416 m ³ @ 931.76					
					= Rs. 3,42,340
(4) 9.5 mm to 2.36 mm agg - 146.766 m ³ @ 429.97/m ³					
					= Rs. 63,191
(5) Coarse Sand - 220.450 m ³ @ 577.80/m ³					
					= Rs. 1,27,376
(6) 53 mm to 224 mm agg - 165.40 m ³ @ 1100.04/m ³					
					= Rs. 1,81,952

Continuation

Sch.XLV-Form No. 134

[illegible]