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Name to 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.	
Name of work:- construction of					
Road from Gauripur to					
Gauripur Devgao Railway					
Dhala Imamnagar Pondh					
To show mandi To/a					
Agency:- Arun Kumar Choudhary					
Agreement NO:- 1658D/2023-24					
Date of commencement:- 29/11/2023					
Date of completion:- 28/11/2024					
Record measurement					
Box culvert = 4cell (5m x 5m)					
① Earth work in					
excavation for found					
— EIT.					
Rate:- $1 \times 23.20 \times 6.0 \times 0.80 = 111.36 \text{ m}^3$					
C/W:- $2 \times 23.20 \times 1.30 \times 1.80 = 108.58 \text{ m}^3$					
R/W:- $4 \times 3.40 \times 3.88 \times 1.80 = 94.98 \text{ m}^3$					
					Qty = 314.92 m ³
② p/c ACC 15 as					
levelling course — EIT.					
Rate:- $1 \times 22.20 \times 6.0 \times 0.10 = 13.32 \text{ m}^3$					
R/W:- $4 \times 3.40 \times 2.88 \times 0.20 = 7.83 \text{ m}^3$					
					Qty = 21.15 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③ 40 S/F/P HYSD bar reinforcement — E.I.T.					
Cut-off-Dist					
Ring-10A-2x145x3.80m @ 0.62 kg/m					702.03 kg
Binder-120-2x2x11x22.10m @ 0.89 kg/m					866.22 "
				154.7	1568.31 kg
					= 1.568 M.T.
④ 33 Plaster M20 in foundation — E.I.T.					
Cut-off-Dist:-					
2x22.20x0.300x1.50 =					19.98 M ²
R/W:-4x3.00x $\frac{2.475+1.775}{2}$ x 1.60 =					40.80 "
				047.2	60.78 M ²
⑤ 40 S/F/P HYSD bar reinforcement in S/S — E.I.T.					
Raft					
Top & Bottom					
160-2x48x22.52m @ 1.58 kg/m					3415.83 kg
Distn					
120-2x176x6.32m @ 0.89 kg/m					1979.93 "
Outer wall					
160-2x41x8.80m @ 1.58 kg/m					1140.13 "
Inner wall					
160-2x41x7.00m @ 1.58 kg/m					906.92 "
Distn					
120-2x2x34x5.92m @ 0.89 kg/m					716.56 "
Intermediate wall					
160-3x41x16.40m @ 1.58 kg/m					3187.18 "
Distn					
120-3x2x34x5.92m @ 0.89 kg/m					1074.84 "
Curtail					
160-3x40x2.50m @ 1.58 kg/m					474.00 "
160-2x40x3.00m @ 1.58 kg/m					379.20 "
120-2x40x3.00m @ 0.89 kg/m					213.60 "

Continuation

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Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Record Measurement					
① 40 S16/P HYSD bar					
reinforcement in					
super structure — S.I.					
slab					
Top & bottom					
160 — 2 x 54 x 22.52 m @ 1.58 kg/m					3842.81 kg
D/Side					
120 — 2 x 185 x 6.32 m @ 0.89 kg/m					2081.18 "
chair					
160 — 163 x 2.50 m @ 1.58 kg/m					643.85 "
curtail					
160 — 3 x 43 x 3.50 m @ 1.58 kg/m					713.37 "
					① + ② = 7281.21 kg
					③ = 7.281.7.7
kerb					
Ring					
80 — 2 x 148 x 1.90 m @ 0.395 kg/m					222.15 kg
slab					
120 — 2 x 6 x 22.18 m @ 0.89 kg/m					236.88 kg
					④ = 459.03 kg
					= 0.459.7.7
① + ④ = (7.281 + 0.459) 1.7 =					7.741.7.
②					
39 plv & laying RCC M25					
in super structure					
— S.I.					
slab: 1 x 22.20 x 6.00 x 0.40 =					53.28 m ³
thick: 16 x 6.00 x $\frac{1}{2}$ x 0.20 x 0.20 =					1.92 "
kerb: 2 x 22.20 x 0.25 x 0.30 =					3.33 "
					⑤ + ⑥ = 58.53 m ³
③					
42 plv drainage spout					
Complete — S.I.					

Continuation

1 x 10.00 m² = 10.00 m²

16/3/24
16/3/24

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 31 Earth work in excavation for found- — EIT.					
314.92 m ³ P.V.T. M.P. - ① Limit to 314.50 m ³					
@ 427.09/m ³ — Ps.					134448.00
② 32 Pls RCC M15 in levelling course — EIT.					
21.15 m ³ P.V.T. M.P. - ①					
@ 7638.03/m ³ — Ps.					161544.00
③ 33 Pls RCC M20 in found — EIT.					
60.787 P.V.T. M.P. - ②					
@ 8362.13/m ³ — Ps.					508250.00
④ 34 Pls RCC M25 in S/S — EIT.					
119.28 m ³ P.V.T. M.P. - ③					
@ 9987.22/m ³ — Ps.					1191276.00
⑤ 35 Pls RCC M20 in found — EIT.					
53.839 m ³ P.V.T. M.P. - ③					
@ 8834.22/m ³ — Ps.					532221.00
⑥ 36 Pls deep holes — EIT					
54.00 m ³ P.V.T. M.P. - ③					
@ 237.22/m ³ — Ps.					12593.00
⑦ 39 Pls RCC M25 in super structure — EIT.					

Continuation

2540832

Continuation

Continuation

~~19/05/2019~~
Meyhanlı, Katınar

2nd and final bill

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:- Construction of					
Road from Gauripur to					
Gauripur Deogoon Railway					
Dhala. Inam nagour Bunder to					
shiv Mandir Tol					
Agency:- Amn Rangan chauthari					
Agreement No:- 16/SAP/2023-24					
Date of commencement:- 23-11-2023					
Date of Completion:- 28-11-2024					
Record Measurement					
① 38 Plr. Backfilling					
behind abutment & R/W					
— E.T.					
$2 \times 4.26 \times 0.60 \times 4.70 = 24.02 \text{ m}^3$					
$4 \times 2.40 \times 0.60 \times 5.01 = 28.88 "$					
Qty = 52.90 m ³					
</					

Continuation

Qty = 111.04 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③ 41. Construction of R.C. Railing M25 grade, cast-in-situ —E.T.					
		2 x 22.20 m			44.40 m
④ 43. Pl & laying cement concrete wearing course M30—E.T.					
		1 x 22.20 x 5.50 m	0.075		9.16 m ³
⑤ 44. Pl Brick masonry work in C.M. (1:3)					
		3 x 2 x 6.50 x 0.40 x 0.60			9.36 m ³
⑥ 45. Pl & R.C. M20 architec- tural coping on the top of wing wall —E.T.					
		3 x 2 x 6.50 m			39.00 m
⑦ 46. Plastering with C.M. (1:4) on brick work —E.T.					
		3 x 4 x 6.50 x 0.60			46.80 m ²
		3 x 2 x 6.50 x 0.40			15.60 "
		3 x 1 x 0.40 x 0.60			2.88 "
				Qty -	65.28 m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑦ 1/2 r & fixing working bench mark pillar					
				1 x 0.245 Km =	0.245 Km
⑧ clearing and scrubbing road land — E.T.					
1 x 30m x 3.50m =					105.00 m ²
1 x 15m x 3.50m =					52.50 "
6 x 30m x 3.50m =					630.00 "
1 x 20m x 3.50m =					70.00 "
				Qty =	857.50 m ²
					= 0.086 Hact
⑨ Excavation for road way in soil — E.T.					
2 x 2 x 30m x 0.525 x 0.10 =					3.15 m ³
2 x 1 x 15m x 0.525 x 0.10 =					1.58 "
2 x 6 x 30m x 0.525 x 0.10 =					18.90 "
2 x 1 x 20m x 0.525 x 0.10 =					2.10 m ³
				Qty =	25.73 m ³
⑩ Construction of embankment from road way cutting — E.T.					
0.5 x 7.4 m B.D. — 60% =					25.73 m ³
25.73 m ³ x 60% =					15.44 m ³
⑪ Excavation for road work in soil with hydraulic					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Excavator — E17.					
O.V. + M.B.D. — @ 5% =					25.73 m ²
(12) Construction of					
USB with Metal E17.					
Profile					
Correction — 5 × 2.00 × 1.20 m × 0.100 m =					1.20 m ²
3 × 1.80 m × 1.65 m × 0.100 m =					0.59 "
2 × 1.50 m × 2.00 m × 0.100 m =					0.60 "
5 × 2.10 m × 1.50 m × 0.100 m =					1.58 "
3 × 2.00 m × 1.50 m × 0.100 m =					0.90 "
3 × 1.80 m × 2.10 m × 0.100 m =					1.13 "
5 × 2.00 m × 1.50 m × 0.100 m =					1.50 "
3 × 1.60 m × 1.50 m × 0.100 m =					0.72 "
2 × 2 × 15 m × 0.525 m × 0.100 m =					1.58 "
2 × 1430 m × 0.525 m × 0.100 m =					13.15 "
2 × 6 × 30 m × 0.525 m × 0.100 m =					18.90 "
2 × 1420 m × 0.525 m × 0.100 m =					2.10 "
1 × 15 m × 4.05 m × 0.100 m =					6.08 "
1 × 30 m × 4.05 m × 0.100 m =					12.15 "
6 × 30 m × 4.05 m × 0.100 m =					72.90 "
1 × 20 m × 4.05 m × 0.100 m =					8.10 "
Extra widening: 1 × 15 m × 2 × $\frac{0.725 + 0}{2}$ × 0.100 =					1.08 "
1 × 10 m × 2 × $\frac{0.375}{2}$ × 0.100 =					0.58 "
					0.47 = 135.45 m ²
					Limit for = 135.02 m ²
					MAHS
					SE

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Record Entry					
① To pl. laying, spreading					
& compacting WBM					
Cr-III — E.I.					
1x15m x $\frac{5.20+3.75}{2}$ x 0.075m =					5.03 m ³
1x30m x 3.75m x 0.075m =					8.44 "
6x30m x 3.75m x 0.075m =					50.63 "
1x10m x 3.75m x 0.075m =					2.81 "
1x10m x $\frac{3.75+4.50}{2}$ x 0.075m =					3.24 "
				Qty =	70.15 m ³
				Unit to =	69.60 m ³
				Ampr	
				SE	

Record Entry					
② Construction of					
Subgrade & cutback					
Shoulder — E.I.					
WB Side					
2x1x15m x 1.43m x 0.20m =					8.94 m ³
2x1x30m x 1.43m x 0.20m =					17.88 "
2x6x30m x 1.43m x 0.20m =					107.28 "
2x1x20m x 1.43m x 0.20m =					11.92 "
WB Side					
2x1x15m x 1.30m x 0.075m =					2.93 "
2x1x30m x 1.30m x 0.075m =					5.85 "
2x6x30m x 1.30m x 0.075m =					35.10 "
2x1x20m x 1.30m x 0.075m =					3.90 "
				Qty =	193.80 m ³
Less for					
Box cutting :- V.T.M.B.P. — D.S. — $\frac{D}{5}$ =					25.73 (-)

Continuation

Qty = 168.07 m³

Unit to = 49.95 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
② 11 plv and applying Primer coat with emulsion (SS-1) - S.T.					
1 x 15m x $\frac{5.20 + 3.75}{2}$				=	67.13 m ²
1 x 30m x 3.75m				=	112.50 "
6 x 30m x 3.75m				=	675.00 "
1 x 10m x 3.75m				=	37.50 "
1 x 10m x $\frac{3.75 + 4.90}{2}$				=	43.25 "
				Qty =	935.38 m ²
				Limit to =	927.94 m ²
③ 12 plv & applying Tack coat with emulsion (PS-1) - S.T.					
1 x 15m x $\frac{5.20 + 3.75}{2}$				=	67.13 m ²
1 x 30m x 3.75m				=	112.50 "
6 x 30m x 3.75m				=	675.00 "
1 x 10m x 3.75m				=	37.50 "
1 x 10m x $\frac{3.75 + 4.90}{2}$				=	43.25 "
				Qty =	935.38 m ²
				Limit to =	927.94 m ²
④ 13 plv, laying & rolling of Mix seal surfacing material - S.T.					
1 x 15m x $\frac{5.20 + 3.75}{2}$				=	67.13 m ²
1 x 30m x 3.75m				=	112.50 "
6 x 30m x 3.75m				=	675.00 "

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8) 24 pl Road Marking					
on B.T. surface — EIT.					
2 x 2 x 45m x 0.10m =					9.0 m ²
2 x 6 x 30m x 0.10m =					36.0 "
2 x 1 x 30m x 0.10m =					4.0 m ²
				Qty.	49.0 m ²
(9) 26 pl Thermoplastic					
Paint on Zebra crossing					
— EIT.					
8 x 3.0 x 0.500 =					12.0 m ²
(10) 27 pl Road Strips					
— EIT.					
				8 x 5.0 No.	40.0 No.
(11) 28 pl & erecting direction					
and place identification					
sign board.					
				1 x 1.0 No.	1.0 No.
(12) 29 Planting of tree by					
the road side — EIT.					
				2 x 12.0 No.	24.0 No.
(13) 30 pl & fixing of					
typical advisory					
information sign board.					
				1 x 5.0 No.	5.0 No.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Earth work calculation as per graph					
Change Distance					Area (sq) Volume (cu)
0	0		4.927	0.0	0.0
45	45		6.307	5.617	252.765
Comp for Bridge					
67.20	0		5.77	6.038	0.000
100	32.80		4.978	5.374	176.267
150	50		5.866	5.422	271.100
200	50		4.423	5.148	251.375
250	50		3.005	3.717	185.850
267.20	17.20		3.405	3.205	55.126
				OFH =	1198.4837
Deduction for					(A)
(i) GSB = P.V.T. MBR (11)					= 135.02 m ²
(ii) WBMTT = " P - (12)					= 69.60 "
(iii) Subgrade = " P - (13)					= 49.95 m ²
					OFH = 254.57 m ²
(A) - (B) = (1198.483 - 254.57) m ²					= 943.91 m ²
(iv) Const. of embankment					
lead 100 m - E.S.					
					P.V.T. MBR (16) = 943.91 m ²
					Limit to = 943.26 m ²
					MAJOR
					TE
					25/11/24
					AL

Continuation

Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Placing & fixing concrete for bench mark pillar — E/I					
0.245m O.V.T M.B.P. — (10)					
@ 41701.88/m — A.					10217.00
② Clearing & grubbing road land — E/I					
0.861ha O.V.T M.B.P. — (10)					
@ 75573.94/ha — P.					6499.00
③ Excavation for road way in soil — E/I					
25.73m ³ O.V.T M.B.P. — (10)					
@ 186.85/m ³ — P.					4808.00
④ Const ⁿ of embankment from road way cutting — E/I					
15.44m ³ O.V.T M.B.P. — (10)					
@ 61.52/m ³ — P.					950.00
⑤ Excavation for road work in soil with Hydrolic — E/I					
25.73m ³ O.V.T M.B.P. — (10)					
@ 103.96/m ³ — P.					2675.00
⑥ Const ⁿ of embankment lead from — E/I					
943.26m ³ O.V.T M.B.P. — (18)					
@ 180.81/m ³ — P.					170551.00
⑦ Const ⁿ of Subgrade					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8 parthen Shoulder — E.I.					
49.25 m ³ O.V.T 19B P—(12)					
@ 263.15/m ³ — P.					13144.00
9 Const of GSB with metal — E.I.					
135.02 m ³ O.V.T 19B P—(11)					
@ 3751.80/m ³ — P.					506568.00
10 Plv laying, spreading & Compacting W.B.M Gr—II — E.I.					
69.60 m ³ O.V.T 19B P—(12)					
@ 5233.77/m ³ — P.					364270.00
11 Plv & Applying					
Primer Coat with emulsion (SS-1) — E.I.					
927.94 m ² O.V.T 19B P—(13)					
@ 59.22/m ² — P.					54953.00
12 Plv & Applying tack Coat with emulsion (RS-1) — E.I.					
927.94 m ² O.V.T 19B P—(13)					
@ 20.27/m ² — P.					18809.00
13 Plv, laying & rolling of Close graded premix Surface — E.I.					
927.94 m ² O.V.T 19B P—(13)					
@ 312.58/m ² — P.					290055.00
14 Plv & laying R.C.C					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Pipe duct 300mm dia—ELI					
15.00 m	O.V.T	178	P—(14)		
		@ 1831.96/m			Pt. 28229.00
(14) 76 Km Stone Post—ELI					
2.00 Nos	O.V.T	178	P—(14)		
		@ 3146.86/each			Pt. 6294.00
(15) 17 200mm Stone Post—ELI					
1.00 Nos	O.V.T	178	P—(14)		
		@ 865.11/each			Pt. 865.00
(16) 17 600mm equilateral s triangle board—ELI					
1.00 Nos	O.V.T	178	P—(14)		
		@ 4146.453/each			Pt. 4146.00
(17) 20 Plv 600mm Circular board—ELI					
1.00 Nos	O.V.T	178	P—(14)		
		@ 5518.416/each			Pt. 5518.00
(18) 21 Plv 800mm x 600mm rectangular board—ELI					
1.00 Nos	O.V.T	178	P—(14)		
		@ 7646.57/each			Pt. 7647.00
(19) 22 Plv 600mm x 450mm rectangular board—ELI					
1.00 Nos	O.V.T	178	P—(14)		
		@ 5377.973/each			Pt. 5378.00
(20) 24 Plv Road marking on B.T. Surface—ELI					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
49.00 m ²	O.V.T MB P—(15)				
	@ 784.81/m ² —				Rs. 38456.00
(21) 26	Plv. Thermoplastic				
	Paint on 70 b/a				
	Crossing — E/T				
12.00 m ²	O.V.T MB P—(15)				
	@ 784.81/m ² —				Rs. 9418.00
(22) 27	Plv Road Strips—				
40.00 Nos	O.V.T MB P—(15)				
	@ 294.49/each—				Rs. 11779.00
(23) 28	Plv & erecting				
	direction and place				
	identification sign				
	board — E/T				
1.00 Nos	O.V.T MB P—(15)				
	@ 13980.00/each—				Rs. 13980.00
(24) 29	Planting of tree by				
	the road side — E/T				
24.00 Nos	O.V.T MB P—(15)				
	@ 890.04/each—				Rs. 21361.00
(25) 30	Plv & fixing of typical				
	masonry informatory				
	Sign board — E/T				
5.00 Nos	O.V.T MB P—(15)				
	@ 11678.45/each—				Rs. 58392.00
(26) 31	Earth work in excavation				
	for found — E/T				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
314.80 m ³ O.V.T M.B.P. — (5)					
@ 427.09/m ³ —					Rs. 134448.00
(27) 32 Plu PCC 1915 in					
levelling Course —					ELI
21.15 m ³ O.V.T 193 P. — (5)					
@ 7638.03/m ³ —					Rs. 161544.00
(28) 33 Plu PCC 1920 in					
found —					ELI
60.78 m ³ O.V.T 193 P. — (5)					
@ 8362.43/m ³ —					Rs. 508250.00
(29) 34 Plu PCC 1925 in					
SIS —					ELI
119.28 m ³ O.V.T 193 P. — (5)					
@ 9987.22/m ³ —					Rs. 1191276.00
(30) 35 Plu PCC 1920 in					
found —					ELI
59.839 m ³ O.V.T 193 P. — (5)					
@ 8894.22/m ³ —					Rs. 532221.00
(31) 36 Plu weep holes —					ELI
54.00 m ³ O.V.T 193 P. — (5)					
@ 233.22/each —					Rs. 12594.00
(32) 37 Plu Back filling					
behind abutment & Plu					
—					ELI
111.04 m ³ O.V.T 193 P. — (8)					
@ 3796.23/m ³ —					Rs. 421533.00
(33) 38 Plu Filter media					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Behind abut & ALW — E/L					
52.90 m ³ O.V.T M.B P — (8)					
@ 4211.853/m ³ — P.					222807.00
(39) 39 PLV RCC 1925 in					
Super Structure — E/L					
58.53 m ³ O.V.T M.B P — (6)					
@ 10161.10/m ³ — P.					594729.00
(35) 40 S/P/P 1925 D bar					
rein ^d — E/L					
24.103 MT O.V.T M.B P — (6)					
@ 81965.48/MT — P.					1975614.00
(36) 41 Const ⁿ of RCC					
Railing 1925 grade					
in Cast-in-Situ — E/L					
44.40 m O.V.T M.B P — (3)					
@ 4558.823/m — P.					202412.00
(37) 42 PLV Drainage Spouts					
Complete — E/L					
10.00 Nos O.V.T M.B P — (6)					
928.44/each — P.					9284.00
(38) 43 PLV 3 layering Cement					
Concrete wearing Course					
M30 — E/L					
9.16 m ³ O.V.T M.B P — (3)					
@ 18651.257/m ³ — P.					170845.00
(39) 44 PLV Brick Masonry					
work in CRT (1:3) — E/L					

Continuation

Continuation

