

Sch. XIV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
<u>MEASUREMENTS</u>					
Item No - 1/30					
Earth work in excavation for foundation					P.C.C.
	1 × 2.10 × 6.0 × 0.83 = 12.38				
	2 × 9.10 × 0.30 × 1.86 = 9.83				
	2 × 3.10 × 0.55 × 1.02 = 6.24				
	1 × 3.10 × 0.30 × 0.96 = 9.45				
	1 × 6.00 × 1.50 × 0.90 = 18.90				
					54.80 m ³
Addtly vide Mano-70 P.W. 12 = 224.367 m ³					
					229.107 m ³
Item No - 2/31					
Sand filling in foundation trenches					P.C.C.
	1 × 2.10 × 6.0 × 0.10 = 1.80				
	2 × 9.10 × 0.30 × 0.10 = 0.55				
	2 × 3.10 × 0.55 × 0.10 = 0.39				
					0.44 m ³
Addtly vide Mano-95 P.W. 12 = 12.16 m ³					14.60 m ³
Item No - 3/32					
Bricklaying P.C.C.					
	1 × 2.10 × 6.0 × 0.10 = 1.80				
	2 × 9.10 × 0.40 × 0.60 = 1.89				
	2 × 3.10 × 0.55 × 0.10 = 0.39				
					3.98 m ³
Addtly vide Mano-70 P.W. 37 = 18.80 m ³					
Continuation					
					22.65 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Chern N10 - 4/40					
Providing weepholes in brick masonry / stone masonry - 4					
	2 x 8.00 x 2.00 x 0.16 = 14.70m ³				
	2 x 0.40 x 2 = 3.04m ³				
Total & by ride M10 - 130					
PNO - 3.8					= 100 Each
					1.20 Each
Chern N10 - 5/42					
Supplying fitting and placing HYSI bars ← → as					
For Raft Top of bottom					
Along stream					
	2 x 3.0 x 5.90 x 0.617 = 218.42				
Across stream					
	2 x 4.0 x 5.90 x 0.617 = 261.61				
Abutment wall					
Vertical					
	1.4 x 4.0 x 2.70 x 0.617 = 266.54				
Horizontal					
	4 x 1.3 x 5.90 x 0.617 = 847.54				

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Beetle slate					
W long stream					
	$2 \times 12 \times 5.90 \times 0.615 = 177.25$				
Access Stream					
	$2 \times 6.0 \times 2.70 \times 0.880 = 340.03$				
Return tail					
V vertical					
	$9 \times 12 \times 3.40 \times 0.880 = 264.83$				
Horizontal					
	$9 \times 9 \times 1.40 \times 0.395 = 29.82$				
Spur ch					
	$2 \times 1 \times 0.25 \times 0.395 = 11.25$				
					1612.81
					$\therefore 1612.81$
Add 844 Vito PMS No - 938					
PNo - 58					$8.456 M^2$
					$10.066 M^2$
Item No - 6/38					
Providing Bee Gonden M-253					
	$1 \times 2.80 \times 6.0 \times 0.25 = 3.75$				
	$2 \times 0.80 \times 6.0 \times 0.25 = 6.00$				
	$1 \times 2.80 \times 6.0 \times 0.35 = 5.25$				
	$2 \times 2.50 \times 0.25 \times 0.60 = 0.75$				
	$2 \times 9.10 \times 0.30 \times 1.80 = 8.10$				
	$2 \times 0.10 \times 0.15 \times 6.00 = 0.30$				
	<small>Combination</small>				$22.21 m^2$

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
	$P.F. = 22.31 m^3$				

Add Bay dimensions

P.No - 37	$= 113.55 m^3$
	$136.26 m^3$

Item No - 3/33

Backfilling behind abutment wing wall - -63

$$2 \times 6.0 \times 2.0 \times 0.6 = 14.40$$

Add Bay width P.No - 38

P.No - 38	≈ 32.0
	82.40

Item No - 8/14

Construction of un-reinforced, pcc - -63

$$1 \times 4.35 \times 3.75 \times 0.16 = 2.61 m^3$$

Add Bay from M.No - 1469

P.No - 8	P.No - 7	$= 360.69 m^3$
		$363.30 m^3$

212.02	212.02	212.02
	212.02	212.02

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
Item No - 9/2471					
Providing and laying bouldered apron - cu					
	1 x 3.00 x 3.50 x 0.60 = 6.30				
	1 x 6.00 x 3.50 x 0.60 = 12.60				
					18.90 m ³
Guy for 6 nos					
	6 x 18.90 = 113.40 m ³				
Item No - 10/23					
Providing and fixing of typical messy information					
					2 each
Add Styrene MB No - 950					
PNo - 39					2 ea each
					9 ea each
Item No - 11/09					
Providing and laying 300 mm dia Red Hume Pipe - cu					
	1 x 3 x 2.50 = 7.50 m				

Particulars	Details of actual measurement				Coefficient of area
	No.	L	B	D	
					A.P. = 9.501 m

Addt. Qty fixed meter
 950 Pcs - 3.8 = 352.00 Rps
 90.00 Rps

Item No - 12/16
 Providing and fixing -
 ordinary trap stone - 11

12 each

Item No - 13/17
 Providing and fixing -
 trap stone - 11

16 each

Item No - 14/18
 Providing and fixing
 boundary pillars - 13

83 each

Particulars	Amount of paint consumed per hour			
	No.	1	2	3
Hours, 16 - 16/13				
Painting two coats, including primer coat				13

Old City ride 11/18/20-11/18/9

21emr10 - 16/21

Providing and laying
of hot applied thermoplastic

$$\begin{array}{r} 2 \times 20 \times 30 \cdot 0 \times 0 \cdot 15 \quad 120 \cdot 0 \\ 2 \times 17 \cdot 5 \cdot 0 \times 0 \cdot 1 = \quad 1 \cdot 0 \\ \hline & & 121 \cdot 0 \end{array}$$

Add City & iden No - 1469

$$P\#10-9 \text{ } 240mN\#-12 = 714 \text{ cm}^3 \\ 835 \text{ cm}^3$$

Sect. A-A-S-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item No - 17/25					
Providing and firing -					
600mm equilateral triangle					
					42 Nos
Item No - 18/27					
Providing and firing -					
600 mm x 450 mm Rectangular					
					2 Nos
Item No - 19/28					
Providing and firing -					
900 mm side octagon - w					
					2 Nos
Item No - 20/8					
Laying brick facing					
layer on prepared - w					
					$2 \times 20 \times 30 \text{ cm} \times 0.375 = 450 \text{ m}^2$

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
Item No - 21/5					
Construction of Subgrade and earth shoulder					
	1	13	30.00	$\times \frac{(B.W + 7.96)}{2} \times 0.3$	
					= 933.66m ³
	1	1	21.00	$\times \frac{(B.W + 7.96)}{2} \times 0.3$	
					= 50.27m ³
					983.93

Add of Glyvide PWB

$$\text{PWB No - 950 - P No - 35} = 8799.50m^3$$

$$9783.43m^3$$

Item No - 22/4

Construction of embank-
ment - within load upto 1000m³

Area	Area	Area	Dist	Volume
0	8872			
50	3.662	3.267	50	163.350
100	4.472	4.037	50	201.850

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
150	4.462	4.407	SD	220.350	
200	3.992	4.197	SD	209.850	
250	4.212	4.102	SD	205.100	
300	4.190	4.201	SD	210.050	
350	2.969	3.580	SD	178.975	
400	2.929	2.949	SD	147.450	
450	3.346	3.138	SD	156.875	
500	2.013	2.680	SD	133.975	
550	1.175	1.594	SD	79.750	
600	1.551	1.363	SD	68.150	
650	1.889	1.720	SD	86.00	
700	2.125	2.007	SD	100.350	
750	2.233	2.129	SD	108.950	
800	1.567	1.900	SD	95.00	
850	1.596	1.582	SD	79.035	
900	1.403	1.570	SD	74.975	
950	1.325	1.364	SD	68.200	
1000	2.883	2.104	SD	105.250	
1050	1.948	2.416	SD	120.775	
1100	1.698	1.823	SD	91.150	
1150	2.736	2.217	SD	110.850	
1200	2.499	2.618	SD	130.875	
1250	2.314	2.407	SD	122.725	
1300	1.398	3.836	SD	192.800	
1350	1.199	1.299	SD	64.925	
1400	1.869	1.528	SD	76.400	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1450	2.86	2.359	50	117.925	
1500	2.469	2.662	50	123.100	
1550	3.086	2.335	50	138.750	
1600	2.715	3.401	50	130.025	
1650	2.833	6.274	50	313.700	
1700	4.154	6.479	50	322.925	
1750	3.699	3.912	50	195.575	
1800	4.457	4.078	50	203.900	
1850	4.959	4.608	50	230.400	
1900	5.879	5.319	50	265.950	
1950	7.391	6.635	50	331.350	
2000	3.442	5.412	50	270.845	
2050	3.311	3.572	50	178.825	
2100	4.406	4.059	50	202.925	
2150	4.408	4.407	50	220.350	
2200	7.02	5.710	50	285.500	
2250	8.016	7.574	50	375.700	
2300	4.977	6.497	50	324.825	
2350	7.126	6.057	50	302.825	
2400	7.295	7.216	50	360.775	
2450	8.848	7.807	50	390.325	
2500	8.024	8.196	50	259.800	
2550	2.117	2.096	50	104.775	
2600	1.983	2.050	50	102.500	
2650	2.114	2.049	50	102.425	
2700	2.618	4.866	50	243.300	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2250	2.781	2.700	50	385.00	
2300	6.334	4.050	50	352.90	
2350	6.693	6.514	50	325.675	
2400	4.194	5.444	50	232.175	
2450	7.981	6.088	50	304.375	
2500	6.052	7.017	50	350.825	
2550	5.940	5.996	50	299.800	
2600	6.317	6.129	50	306.425	
2650	6.037	6.177	50	308.850	
2700	5.681	5.859	50	292.950	
2750	6.161	5.921	50	296.050	
2800	9.404	4.083	50	214.125	
2850	2.050	2.777	50	111.250	
2900	2.139	2.095	50	104.375	
2950	2.146	2.143	50	107.125	
3000	6.411	4.229	50	213.925	
3050	5.645	6.028	50	301.400	
3100	6.498	6.047	50	362.325	
3150	5.834	6.141	50	307.050	
3200	8.121	6.978	50	348.875	
3250	7.252	7.687	50	284.325	
3300	6.150	6.301	50	335.050	
3350	8.368	7.259	50	362.950	
3400	9.741	9.055	50	452.725	
3450	8.145	8.943	50	447.150	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4000	8.974	3.020	50	3514.75	
40050	6.336	6.75	50	206.250	
4100	6.141	4.239	50	311.925	
4150	6.293	6.212	50	310.850	
4175	7.182	6.708	25	160.438	
				18789.2632	

Deduction for

Subgrade = 9783.42m³

GSB = 2805.81m³

WBLM (D) = 1181.99m³

Area of excavation = 106.50m²

PCC = 362.30m³

19142.41.02m³

Net qty in filling = 4548.233m³

Qty for lead upto 100 m

30% \times 4548.233 = 1364.49m³

Qty required as per

Prob Q = 1247.48m³

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

Fifth & Final Part

Name of work:-

Construction of road from
Khairpokhra to Ekadawar
Scheme:- MMGSY (Ken)

Agreement No - 51530/19-20

Agency:- Maan Dhanwantai
Pouilders Pvt Ltd.

Agreement value:- ₹ 30859222/-

Date of start :- 29.11.2019

Date of Competition:- 28.11.2020

Extended date of competition:-

Actual date of competition:-

Abstract of cost:-

Item No - 1/1

Construction of reference &
working bench mark - as
from ABM 0960 P-34

$$1844 = 4.175 \text{ km}$$

$$@ Rs. 12463.63/km$$

Continuation
= 18.52036... -

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item No - 2/2					
Construction of reference pillars					
From MR NO- 950 PNO- 34					
Q/H = 4.105 km					
@ Rs. 12.854.79/km					
= Rs. 53710.0					
Item No - 3/3					
Cleaning and grubbing					
road land					
From MR NO- 950 PNO - 35					
Q/H = 119 H					
@ Rs. 484980/-					
= Rs. 59235.0					
Item No - 4/4					
Construction of embankment					
From MR NO 1469 PNO 20-24					
Q/H = 1847.48 m ³					
@ Rs. 187.92/m ³					
= Rs. 353218.0					
Item No - 5/5					
Construction of subgrade and					
earthen shoulder					
From MR NO 1469 PNO - 20					
Q/H = 9987.43 m ³					
@ Rs. 189.80/m ³					
= Rs. 185689.60					

Continuation

Particulars	Details of actual measurement				Comments of area
	No.	L.	B.	D.	
Item No - 6/6					
Construction of embankment					
From MBN No - 1466 PNo - 25					
	Qty: 3144.12 m ³				
	@ Rs. 142.08/m ³				
	= Rs. 449861.00				
Item No - 7/7					
Box cutting					
From MBN No - 950 PNo - 36					
	Qty: 106.87 m ³				
	@ Rs. 82.01/m ³				
	= Rs. 8734.00				
Item No - 8/8					
Laying brick Bolting - 45					
From MBN No - 1469 PNo - 19					
	Qty: 1480.00 m ³				
	@ Rs. 497.40/m ³				
	= Rs. 724762.00				
Item No - 9/9					
Construction of G.S.B - 45					
From MBN No - 950 PNo - 36					
	Qty: 2805.81 m ³				
	@ Rs. 3506.12/m ³				
	= Rs. 9837507.00				

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Particulars	Details of actual measurement			Contents of sheet
	No.	L	B	
Item No - 10/10				
Providing, laying & spreading and compacting - at 6 Mm thickness				
From MB No - 76 PNO - 950				
Qty = 1181.99 m ³				
@ Rs. 4351.95/m ³				
= Rs. 5143961/-				
Item No - 11/11				
Providing and applying prime coat - as				
From MB No	PNO			
Qty = 12540.25 m ²				
@ Rs. 52.73/m ²				
= Rs. 653999.00				
Item No - 12/12				
Providing and applying face coat - as				
From MB No - 950 PNO - 29				
Qty = 12540.25 m ²				
@ Rs. 19.08/m ²				
= Rs. 238348.00				
Item No - 13/13				
Providing, laying and rolling mss - as				
From MB No - 950 PNO - 39				
Qty = 12540.25 m ²				
@ Rs. 361.63/m ²				
= Rs. 354253.60				

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of A.R.B.
	No.	L	B	D	
Item No - 14/14					
Construction of plain cement cement concrete pavement to					
From MR No - 1469 P.W.O - 15					
Qty. 363.30 m ³					
@ Rs. 2400/- m ³					
Rs. 864000/-					
Item No - 15/16					
Providing and fixing stone					
From MR No - 1469 P.W.O - 17					
Qty. 5 Each					
@ Rs. 2884.6960					
Rs. 14423.00					
Item No - 16/17					
Providing and fixing stone					
From MR No - 1469 P.W.O - 17					
Qty. 16 Each					
@ Rs. 255.90 Each					
Rs. 12092.00					
Item No - 17/18					
Providing and fixing					
boundary pillar to					
From P.W.O - 1469 P.W.O - 17					
Qty = 103 Each					
@ Rs. 573.25 Each					
Rs. 47920.00					

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
Item No - 18/19					
Painting two coats includ-					
From MR NO - 1469 PNO - 18					
Qty - 1340.96 m ²					
@ Rs. 108.96/m ²					
= Rs. 149730/-					
Item No - 19/20					
Providing & applying two coats					
From MR NO - 1469 PNO - 40					
Qty - 120.00 m ²					
@ Rs. 107.06/m ²					
= Rs. 12367.00					
Item No - 20/21					
Road marking with hot- applied thermoplastic - 28					
From MR NO - 1469 PNO - 18					
Qty - 835.00 m ²					
@ Rs. 251.80/m ²					
= Rs. 211253.00					
Item No - 21/23					
Providing and fixing typical informative board - 28					
From MR NO - 1469 PNO - 16					
Qty - 400.00					
@ Rs 11693.55 each					
= Rs. 46374.00					

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Particulars	Details of actual measurement				Contents of bin
	N.	L.	B.	D.	
Item No - 22/24					
Providing and fixing typical maintenance board - set					
From PMS PN10-930 PN-39					
Qty = 2 each					
@ Rs. 116.93.55/each					
= Rs. 233.87/-					
Item No - 23/25					
Providing and fixing					
600mm equilateral triangle					
From MR NO - 1469 PNO - 19					
Qty = 92 nos					
@ Rs. 4091.77/no					
= Rs. 191853.00					
Item No - 24/27					
Providing and fixing -					
600mm x 450mm rectangle					
From MR NO - 1469 PNO - 19					
Qty = 2 nos					
@ Rs. 41685.46/no					
= Rs. 9371.00					
Item No - 25/28					
Providing and fixing 900					
100mm thick octagon - set					
From MR NO - 1469 PNO - 19					
Qty = 2 nos					
@ Rs. 8834.15/no					
= Rs. 17668.00					

Particulars	Details of actual measurement				Costs per cu.m.
	No.	L.	B.	D.	
<u>Slab No - 26/39</u>					
<u>Providing and laying 30mm dia Rcc Cylindrical pipes - 25</u>					
<u>Fabrication - 1469 PNo - 16-17</u>					
					<u>Rs. 2000.00/RM</u>
					<u>Rs. 279.33/RM</u>
					<u>Rs. 8073.00</u>
<u>Slab No - 27/30</u>					
<u>C/W/M excavation for foundation</u>					
<u>Fabrication - 1469 PNo - 12</u>					
					<u>Rs. 329.11/m³</u>
					<u>@ Rs. 285.31/m³</u>
					<u>Rs. 94030.00</u>
<u>Slab No - 28/31</u>					
<u>Sand filling at foundation</u>					
<u>Fabrication - 1469 PNo - 12</u>					
					<u>Rs. 14.60/m³</u>
					<u>@ Rs. 455.62/m³</u>
					<u>Rs. 6652.00</u>
<u>Slab No - 29/33</u>					
<u>Providing PCC</u>					
<u>Fabrication - 1469 PNo - 12</u>					
					<u>Rs. 22.655/m³</u>
					<u>@ Rs. 9750.25/m³</u>
					<u>Rs. 166520.00</u>

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
<u>Item No - 30/28</u>					
Providing RCC GRADE M-25					
concrete					-as
From MB NO - 1469 PNO - 14					
	Qty = 136.26 m ³				
	@ Rs. 9325/- /m ³				
	= Rs. 1230649/-				
<u>Item No - 31/39</u>					
Backfilling behind					
abutment					-as
From MB NO - 1469 PNO - 15					
	Qty = 86.40 m ³				
	@ Rs. 3635.36/m ³				
	= Rs. 314130/-				
<u>Item No - 32/40</u>					
Providing weepholes					
From MB NO - 1469 PNO - 13					
	Qty = 12.0 m ³ each				
	@ Rs. - 108.40 each				
	= Rs. 1240.8/-				
<u>Item No - 33/41</u>					
Providing and laying					
boulder approx					-as
From MB NO - 1469 PNO - 16					
	Qty = 113.40 m ³				
	@ Rs. 4269.31/m ³				
	= Rs. 489140/-				

Brick	=	1166.71 m ³		
(Re-calculated after 1st filling of Excavation & Preparation of the date.)				
Fine sand	=	1166.71 m ³		
		@ Rs. 118.22/m ³		
Local Sand	=	19.52 m ³		
		@ Rs. 142.61/m ³		
Stone chips (4mm) =	10.87 m ³			
		@ Rs. 419.69/m ³		
Stone chips (20mm) =	84.44 m ³			
		@ Rs. 561.89/m ³		
Stone chips (10mm) =	1.81 m ³			
		@ Rs. 626.62/m ³		
Coarse sand	=	10.87 m ³		
		@ Rs. 162.30/m ³		
Stone chips (80mm) =	93.58 m ³			
		@ Rs. 561.89/m ³		
Stone chips (10mm) =	49.05 m ³			
		@ Rs. 626.62/m ³		
Coarse sand =	61.32 m ³			
		@ Rs. 162.30/m ³		
Stone chips (83mm) =	1682.49 m ³			
		@ Rs. 527.70/m ³		
Stone chips (9.5mm) =	673.37 m ³			
		@ Rs. 419.88/m ³		
Crushed sand =	1010.09 m ³			
		@ Rs. 99.30/m ³		

Continuation

Particulars	Details of solids measurement				Contents of area
	No.	A	B	C	
Stone chips (Cubic m) =		1420.21	m^3		
@Rs. 469.7/m ³					
Stone Screening =		282.68	m^3		
@Rs. 751.95/m ³					
Coarse sand =		163.49	m^3		
@Rs. 162.30/m ³					
Stone chips =		326.99	m^3		
@Rs. 538.69/m ³					
Stone chips =		365.59	m^3		
@Rs. 479.28/m ³					
Bitumen emulsion (GSL)					
Supplied Qty = 12 fooot M ²					
Consumed Qty = 11.51 M ²					
Balance Qty = 1.09 M ²					

Brittenen Emulsion (1951)

<u>Supplied Qty</u>	-	4.80 MT
<u>Consumed Qty</u>	=	3.72 MT
<u>Balance Qty</u>		1.08 MT

~~Same Invoice No - PPL/22/1/20-21~~

(A.L.) *Recd by L*
31/6/73 *03/06/73*
PM

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
Bitumen (990)					
Supplied Q'ty =			26.68 MT		
Consumed Q'ty =			25.73 MT		
Balance Q'ty =			0.95 MT		

Pax Amore - 202 123 23B02422