

Sugawda Village To Rampur Via Pratapbigha.

Schedule XLV-Form No. 134

EE Rao (w) Jehanabaf **DIVISION**

A.E. Rao (w) Markhelunpur **SUB-DIVISION**

2632

MEASUREMENT BOOK

Sch. XLV—Form No. 134

E E Kuo (w) Johnson DIVISION

A. E. Reed Nichols SUB-DIVISION

Measurement Book

No.

2632

Name of Officer

B* M* D* (A) DIAGONAL

INVESTIGATION

Date of first entry**Date of last entry**

Handwritten notes in Hindi at the top of the page, partially obscured by a stamp.

Schedule XLV Form No. 134

NOTES

REFERENCE TO P. W. A. Code, Part II, Para 39 & 41

- In recording detailed measurements the following general instructions should be carefully observed:-
- Subject to such subsidiary orders as may be laid down by the local Government detailed measurements should be recorded only by Executive or Assistant Engineers or by Executive subordinates in-charge of work to whom measurement books have been supplied by the Executive Engineer for the purpose.
 - All measurements should be best taken down in a measurement book Form 23; issued for the purpose, no where else.
 - Each set of measurement should commence with entries relating:-
 - In the case to bills for work done:-
 - Full name of work as given in estimate
 - Situation of work (c) Name of contractor.
 - Number and date of his agreement and
 - Date of measurement
 - "Stock", (ii) "Purchase" for direct issue to (here enter full name of work as given in estimate)
 - "Purchase" for (here enter full name of work as given in estimate) issued to contractor on and
 - Date of measurements and should end with the Paid initials of the officer marking the measurement, see also paragraph 24, A suitable abstract should then

be prepared which / should collect in the case of measurement for work done, the total quantities of each distinct item of work relating to each sanctioned sub-head.

- As all payments for work supplies are based on the quantities recorded in the measurement books it is incumbent upon the person taking the measurement to record the quantities clearly and accurately. If the measurements are taken in connection with a running contract account on which work has been previously measured he is further responsible (1) that reference to the last set of measurements is recorded and (2) that if the entire job or contract has been completed the fact is recorded prominently just above his initials.
- Entries should be record continuously in the measurement book No blank pages may be left and no page be turn out. Any page left in advertently must be cancelled by diagonal nes. The cancellation being attested. See also paragraph of the Public Work Department Code.
- No entry may be erased, of a mistake is made it should be correct (and dated) by the responsible officer in the manner prescribed in paragraph 335 of the Public Works Department Code. When any measurements are cancelled, the cancellation, must be supported by the dated initials of the officer ordering the cancellation or by refrence to his orders initialled by the officer who made the measurements In either case the reason for cancellation should be provided with an index which should be kept up to date.

1st on A/c Bill

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.)

(These four lines should be repeated for the measurements relating to each work.)					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
Name of work:- Sugawia village to Rampur via Pratap Bigha.					
Agency:- M.G. Const. & Co. Court Aligarh, Jehanabad.					
Agreement No:- 08 MEO/2019-20					
Date of Commencement:- 21/01/2020					
Date of Completion:- 09/09/20					

1) clearing & grubbing of Road land - do - do -					
2	40	30.00	1.00		2400 m ²
2	30	30.00	1.00		1800 m ²
Total =					4200 m ²
90	Hect.	4200			10000 = 0.42 Hect.

2) Construction of granular sub base GR-II - do - do - as per spec R.O.M. of E/I

No. of PMS	Length (m)	width (m)	Thick ness (m)	Qty (m ³)
2	2.1	1.20	0.150	2.646 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5	2.0	1.110	0.170		1.884 ✓
8	1.85	0.600	0.175		1.554 ✓
4	2.05	0.950	0.140		1.091 ✓
5	2.20	1.120	0.160		1.971 ✓
8	1.80	1.400	0.155		3.124 ✓
10	1.60	0.800	0.150		1.920 ✓
6	1.30	1.500	0.145		1.131 ✓
7	1.60	1.100	0.175		2.156 ✓
9	1.40	1.250	0.120		1.890 ✓
8	1.95	1.110	0.160		2.770 ✓
10	1.80	0.900	0.175		2.835 ✓
11	2.00	0.500	0.145		1.575 ✓

6	1.90	1.050	0.120		1.436 ✓
8	2.10	0.900	0.175		2.646 ✓
12	1.775	0.800	0.115		1.960 ✓
9	1.250	0.970	0.120		1.336 ✓
14	2.40	1.100	0.175		6.468 ✓
11	1.60	0.995	0.145		2.539 ✓
8	2.30	0.850	0.170		2.659 ✓
6	2.10	0.700	0.160		1.411 ✓
5	1.90	0.850	0.155		1.296 ✓
16	2.30	0.900	0.150		4.968 ✓
9	2.10	0.600	0.165		1.871 ✓
11	1.90	0.400	0.140		1.170 ✓
15	1.70	1.100	0.110		3.085 ✓
12	1.40	0.990	0.125		2.079 ✓

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
8	1-30	0-805	0-1137		0-963 ✓
11	2-10	1-380	0-120		3-511 ✓
10	2-05	0-610	0-175		2-152 ✓
6	2-37	0-750	0-125		1-969 ✓
7	1-910	0-610	0-160		1-299 ✓
9	1-880	1-310	0-155		3-436 ✓
16	1-660	1-610	0-150		6-374 ✓
10	1-995	0-810	0-125		2-019 ✓
13	2-110	0-995	0-170		4-640 ✓
12	2-300	0-910	0-115		2-888 ✓
15	2-105	1-105	0-120		4-187 ✓
9	2-115	1-235	0-120		2-357 ✓

8	1-885	0-995	0-160		3-352 ✓
14	1-710	0-710	0-170		2-873 ✓
6	2-440	1-105	0-115		2-346 ✓
16	2-600	0-800	0-150		4-992 ✓
11	1-910	0-920	0-120		2-307 ✓
15	2-260	1-120	0-150		5-695 ✓
12	2-240	1-110	0-160		4-774 ✓
13	2-210	1-105	0-175		5-556 ✓
18	1-110	1-120	0-175		3-916 ✓

Check
Recheck
RE

Total = 132.012

Limit = 131.250

3) Record Copy
Graveling, laying, spreading &
Compacting WBM GR-11 -do-do-

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
No. of pits	Length (m)	Breadth (m)	Thick. (m)		Qty (m ³)
12	2.100	0.500	0.075		1.572 ✓
9	2.200	0.770	0.070		6.117 1.067 ✓
10	1.600	0.650	0.055		0.572 ✓
8	1.900	1.100	0.065		1.087 ✓
16	2.100	1.050	0.075		2.646 ✓
18	1.800	0.995	0.075		2.418 ✓
15	1.700	0.860	0.060		1.316 ✓
14	1.650	0.880	0.070		1.449 ✓
8	1.775	0.900	0.075		0.959 ✓
6	1.800	0.870	0.045		0.433 ✓
					0.610 ✓

13	1.860	0.650	0.060		0.743 ✓
15	2.300	0.675	0.065		1.574 ✓
15	2.400	0.950	0.075		2.565 ✓
18	2.105	0.920	0.060		2.092 ✓
16	2.110	1.115	0.050		1.882 ✓
10	2.000	1.070	0.070		1.414 ✓
12	1.970	0.970	0.050		1.075 ✓
08	2.100	0.970	0.060		0.907 ✓
10	2.105	1.210	0.050		1.274 ✓
14	1.885	1.305	0.060		2.066 ✓
20	1.770	1.225	0.050		2.083 ✓
16	1.775	1.110	0.075		2.364 ✓
22	1.800	1.205	0.065		3.102 ✓

Continuation

Roh

Form No. 134

No.	Details of actual measurement			Contents of area
	L	B	H	
NO.	Length	Width	Thick	Qty (m ³)
04	1.20	1.15	0.025	3.512
18	3.00	1.00	0.020	3.657
20	3.10	1.00	0.025	3.579
12	2.00	1.00	0.025	3.570
15	1.70	1.30	0.025	2.962
14	1.25	1.25	0.025	2.107
10	2.10	1.25	0.025	2.296
18	2.20	1.50	0.020	3.384
24	1.90	1.50	0.020	3.621
25	1.20	1.10	0.025	3.496
20	1.10	1.20	0.020	1.290
10	2.00	1.50	0.020	3.318

8 2.00 1.10 0.020 0.410

14 1.80 1.20 0.025 1.665

Cancelled

Revised

Total = 68.085

Limit = 67.50 m³

4) Providing, laying, spreading & compacting of WBM 6R-III

do - do -

NO.	Length (m)	Width (m)	Thick (m)	Qty (m ³)
2	25	2.35	0.025	8.873 m ³
4	18	2.15	0.025	11.610
3	35	2.10	0.025	16.538
4	20	2.30	0.025	13.800

Continuation

25/11

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1	65	2.35	0.075		11.456
3	28	2.20	0.075		19.660
2	30	2.10	0.075		9.800
4	32	1.90	0.075		18.240
3	25	1.75	0.075		9.844
2	15	2.10	0.075		4.725
3	24	2.30	0.075		12.420
5	12	1.50	0.075		6.75
4	18	2.20	0.075		11.88
1	22	2.40	0.075		3.96
2	28	2.10	0.075		11.88
Total =					152.896

Limit = 157.880m³

5) p/r 2 applying Prime Coat
with bitumen emulsion
(SS-1) - do - do -

No.	Length	Width	Thick	Qty. (m ²)
2	25	2.35		= 117.50
4	18	2.15		= 154.80
3	35	2.10		= 220.50
4	20	2.30		= 184.00
1	65	2.35		= 152.75
3	28	2.20		= 184.80
2	30	2.10		= 120.00
4	32	1.90		= 243.20

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
3	25	1.25			$= 131.25$
2	15	2.10			$= 63.10$
3	24	2.30			$= 185.60$
5	12	1.50			$= 90.10$
4	18	2.20			$= 158.40$
1	22	2.40			$= 52.80$
Total =					2038.60 m ²
Limit =					2025.07 m ²

6) ~~Recd Engr~~ Laying and rolling of
close graded brown surface
- do - do - 20 mm thick

vide item No. - 05

Page No - 66-67

For BT qty = 2025.07 m²

for CC portion

7x 1.5 x 1.8 = 18.9

6x 0.6 x 1.2 = 4.32

8x 1.15 x 1.5 = 13.80

Total = 37.02 m²

Total qty for BT & CC for

MSS = 2025.07 + 37.02

= 2062.09 m²

7) ~~Recd Engr~~ P/V & applying tack coat
with bitumen emulsion

- do - do - Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
15 x 30.00 x 3.75 =					1687.50
12 x 30.00 x 3.75 =					1350.00
18 x 30.00 x 3.75 =					2025.00
14 x 30.00 x 3.75 =					1575.00
11 x 30.00 x 3.75 =					1237.50
Total					2875.00
for mss on pty on BT and					
mss on pty on cc					
Qty. of the item No. - 08					
Page No - 07					
Total				Qty = 2062.09 m²	

Extension for widening	
$\frac{1}{2} \times 06.00 \times 10.00$	$= 30.00 \text{ m}^2$
$3 \times 10.00 \times \left(\frac{3.75 + 5.60 + 3.75}{3} - 3.75 \right)$	$= 18.50 \text{ m}^2$
$2 \times 12.00 \times \left(\frac{3.75 + 5.55 + 3.75}{3} - 3.75 \right)$	$= 14.40 \text{ m}^2$
$3 \times 15.50 \times \left(\frac{3.75 + 6.00 + 3.75}{3} - 3.75 \right)$	$= 34.875 \text{ m}^2$
<u>Total = 10034.875 m²</u>	
8	
Continuation	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
8) Providing & laying Semi-lense bituminous Concrete					
do - do -					
15 x 30.00 x 3.75 x 0.025 = 42.188					
12 x 30.00 x 3.75 x 0.025 = 33.75					
18 x 30.00 x 3.75 x 0.025 = 50.625					
24 x 30.00 x 3.75 x 0.025 = 39.375					
11 x 30.00 x 3.75 x 0.025 = 30.9375					
Extra for widening					
$\frac{1}{2} \times 6.00 \times 10.00 \times 3.75 \times 0.025 = 0.75$					
$8 \times 10.00 \times \left(\frac{8.75 + 5.60 + 3.75}{3} - 3.75 \right) \times 0.025$					
					0.403 m ³

$2 \times 12.00 \times \left(\frac{3.75 + 5.55 + 3.75}{3} - 3.75 \right) \times 0.025$					
					0.36 m ³
$3 \times 15.00 \times \left(\frac{3.75 + 6.00 + 3.75}{3} - 3.75 \right) \times 0.025$					
					0.872 m ³
Ref					
Total qty. = 199.32 m ³					

9) Construction of Subgrade & earthen Shoulder - do - do -					
$2 \times 40 \times 30 \times 1.25 \times 0.40 = 1200$					1200 m ³
$2 \times 30 \times 30 \times 1.25 \times 0.40 = 900$					900 m ³
Ref					
Total = 2100 m ³					

Continuation

[illegible]

Abstract of Cost

1/1) cleaning & grubbing of road
land - do - do -

V-T-M-B P-01

0.42 Hact. @ Rs. 79524.68

$$= \text{R. } 20800.00$$

2/7) Construction of parallelogram

Sub-base - do - do.

V-T-M-B P-03

131.250 m³ @ RS 1461.45

$\therefore \text{RS. } 191.815 \text{ W}$

Continuation

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Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
3/8) Providing, laying, spreading & compacting stone agg. WBM.					
- do - do -				V.T.M.B	
67.50 m ³ @			2436.85		
					= RS. 1,64,182.11
4/1) Providing, laying, spreading & compacting of WBM HR-5					
- do - do -				V.T.M.B	
157.880 m ³ @			RS 2287.55		
					= RS. 3,47,433.11
5/1) Providing & applying prime coat with bitumen emulsion SS-1					
- do - do -				V.T.M.B @ - 07	

2025.07 m² @ RS. 41.09
= RS. 83210.10

6/11) Providing, laying & Rolling of close graded bitumix surfacing 20mm thick - do - do -
V.T.M.B P -

2062.09 m² @ RS. 166.74
= RS. 3,43,913.10

7/12) Providing & applying tack coat with bitumen emulsion
- do - do - V.T.M.B.P - 08

10034.865 m² @ RS. 13.95
= RS. 1,39,986.10

Continuation

[illegible]**Continuation**

Sch. XLV—Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
<u>Material Statement</u>					
			X		
①	E/W	-	2150 m ³		
②	G.S.B (GR-II)	Qty	131.05 m ³		
Stone	28.5-9.5 mm	-	58.60 m ³	RL	550.85
	9.5-2.36 mm	-	42.00 m ³	RL	411.55
	2.36 mm & below	-	62.55 m ³	RL	116.25
	(Local Sand)				
③	W.B.M (GR-II)	Stone metal			
	63-45 mm	-	81.675 m ³	✓	435.60 427.19
④	W.B.M (GR-III)	Stone metal			
	53-22.4 mm	-	185.79 m ³	✓	458.22
⑤	Stone dust	-	57.67 m ³	✓	315.52
⑥	Binder material	-	5.40 m ³		131.25
⑦	Stone chips (MSS)	-	55.68 m ³	✓	470.04
⑧	Bitumen (Vg10/S90)	-	3.918 MT		
⑨	Emulsion (RS-1)	-	2.76 MT		
⑩	Emulsion (SS-1)	-	1.721 MT		
⑪	Bitumen (SDBC)	-	22.87 MT		
⑫	Stone chips (SDBC)	-		RL	
	9.5-4.75 mm	-	165.66 m ³		528.94 520.45
	4.75 mm & below	-	118.76 m ³		
	filler material	-	5.77 m ³		
					8.69 MT

Continuation

gst on Account bill

3102923 -

Continuation

2nd on A/c Bill

x 15

Sch. XLV—Form No. 134

Sch. XLV—Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
Name of work! - Repair of road from Sugawa village to Rampur n.a. Postap bigha					
Agency! - M.G. Construction & company, Court area, Jehanabad					
Ass. No! - 08 M 20 / 2019-20					
Date of commencement - 21/11/2020					
Date of completion - 09/07/2020					
Date of measurement - 1/2020					

① Providing and fixing of Rec MIS grade km local Stone as per Spec - do-do -
Qty = 09 NOS.

② 200mm Stone - do-do -
Qty = 08 NOS.

③ Providing & fixing of water-reflectorised Sign boards as per Spec - do-do -
600 mm equilateral & triangle
Qty = 14 NOS.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	Q.	
④	600 mm Circular				
	— do — do —				
	Qty = 2 NOS.				
⑤	600mm x 450mm rectangular				
	Qty = 04 NOS.				
⑥	Road marking with hot applied thermoplastic compound — do — do —				
	as per spec ⁿ				

$$\begin{aligned}
 2 \times 1500 \times 0.150 &= 200 \text{ m}^2 \\
 2 \times 1120 \times 0.100 &= 200 \text{ m}^2 \\
 2 \times 100 \times 0.150 &= 20 \text{ m}^2 \\
 \hline
 &= 420 \text{ m}^2
 \end{aligned}$$

⑦ Providing & fixing of typical mass information sign board with logo — do — do —
as per specⁿ
Qty = 04 NOS.

⑧ E/W in excavation for foundation — do —
HPC
NEW
as per specⁿ

Head wall

$$1 \times 2 \times 3.900 \times 1.50 \times 1.5 = 13.455 \text{ m}^3$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
Below pipe					
	1 x 1	5.350	1.180	0.365	
					= 2.207 m ³
					Total = 15.66 m ³

⑨ providing &cc mis at levelling
Course in foundation — do — do —
as per spec.

Head wall

$$1 \times 2 \times 3.900 \times 1.150 \times 0.150 = 1.845 \text{ m}^3$$

Below pipe

$$1 \times 1 \times 5.311 \times 1.130 \times 0.200 = 1.500 \text{ m}^3$$

Less for pipe

$$0.250 \times 0.7857 \times 0.830^2 \times 5.847$$

$$= (-) 0.771 \text{ m}^3$$

$$\text{Total} = 2.050 \text{ m}^3$$

⑩ Brick masonry work in
Cement mortar (1:4)
— do — do —

Head wall

$$1 \times 2 \times 3.600 \times 0.700 \times 2.180 = 10.987 \text{ m}^3$$

Prompt

$$1 \times 2 \times 3.600 \times 0.400 \times 1.200 = 3.456 \text{ m}^3$$

Less for pipe

$$1 \times 2 \times 0.7857 \times 0.830^2 \times 0.530$$

$$= (-) 0.574 \text{ m}^3$$

Continuation

$$\text{Total} = 13.87 \text{ m}^3$$

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
(11) Providing and laying RCC NPS pipe of dia. 600mm					
- do - do - as per specn					
$1 \times 3 \times 2.50 = 7.50 \text{ m}$					
(12) Plastering with Cement mortar (1:4) on brickwork					
- do - do - as per specn					
Outer sides					
$1 \times 2 \times 3.600 \times 3.380 = 24.336 \text{ m}^2$					
Inner sides					
$1 \times 2 \times 3.600 \times 0.600 = 4.320 \text{ m}^2$					
Top					
$1 \times 2 \times 3.600 \times 0.400 = 2.880 \text{ m}^2$					
Ends					
$1 \times 4 \times 0.700 \times 2.180 = 6.104 \text{ m}^2$					
Parapet ends					
$1 \times 4 \times 0.400 \times 1.200 = 1.920 \text{ m}^2$					
Less					
$1 \times 2 \times 0.7857 \times 0.830^2 =$					
(-)					1.089 m^2
Total					38.48 m^2
(13) Painting on parapet walls (Black & white strips) two coats					
- do - do - as per specn					
Top					

Continuation

$$1 \times 2 \times 3.600 \times 0.400 = 2.88 \text{ m}^2$$

Particulars	Details of actual measurement			Contents of area
	No	L	B	
Site				
1x4x5.00x0.60				8.00m ²
front				
1x4x0.90x0.60				0.760m ²
				Total = 12.46m ²

Culvert maintenance

- (4) ~~Culvert~~ Brick masonry
 Work in cement mortar (1:3)
 in parapet excluding pointing
 & plastering - do - do as per spec

HP Single vent

$$1 \times 2 \times 6.00 \times 0.40 \times 0.60 = 2.88 \text{ m}^3$$

Shs Single span

$$1 \times 2 \times 6.00 \times 0.40 \times 0.60 = 2.88 \text{ m}^3$$

$$= 5.76 \text{ m}^3$$

- (15) (a) Plastering with cement
 mortar (1:4) on brick work
 - do - do - as per spec
 Side face (New parapet wall)

$$1 \times 4.00 \times 6.00 \times 0.60 = 14.40 \text{ m}^2$$

Top

$$1 \times 2.00 \times 6.00 \times 0.40 = 4.80 \text{ m}^2$$

front face Continuation

$$1 \times 4.00 \times 0.40 \times 0.60 = 0.96 \text{ m}^2$$

$$\text{Total} = 40.32 \text{ m}^2$$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ Plastering with cement mortar (1:4) on existing					
Chuvast - do - do - as per spec.					
Side face					
$4.00 \times 6.00 \times 0.60 =$					14.40 m^2
Top					
$2.00 \times 6.00 \times 0.40 =$					4.80 m^2
front face					
$4.00 \times 0.40 \times 0.60 =$					0.96 m^2
					$= 20.160 \text{ m}^2$
6 Nos. Chuvast $= 6 \times 20.160$					$= 120.96 \text{ m}^2$

Total qty = 161.280 m^2

⑦ Painting two coats on new concrete surfaces/plaster surfaces - do - do - as per spec

qty as per item NO. ⑮
 $= 161.280 \text{ m}^2$

Permit No
 08/01/2020

JE

9/1/20

Continuation

Abstract of Cost

21

Sch. XIV - Form No. 134

Particulars	Details of actual measurement			Contents of bill
	No	L	D	

Name of work - Repair of
road from Sagar Village
to Ranpur via Janki Bazar
Agency - M. B. Construction
Co. Chhat Ganga Tehsil
Dist. No. - 080020/2019-20

Date of agreement - 21/01/2020

Date of completion - 07/07/2020

1) Clearing and grubbing of
road land - do - do -
V.T.M.B P-10

0.42 Hect. @ Rs. 49544.68/Hect
= Rs. 20800.10

2/a) Construction of granular
Sub-base - do - do -
V.T.M.B P-10

131.250 m³ @ Rs. 1461.45/m³
= Rs. 191875.10

3/a) Spreading, laying, spreading
and Compacting of WBM 60-2

- do - do - V.T.M.B P-11

67.50 m³ @ 2436.85/m³
= Rs. 1,64,487.10

Continuation

377102-

Sch. XLV Form No. 134

Particulars	Details of actual measurement			Contents of area
	No	L	B	
4/9) Providing, laying, spreading and compacting of 100mm br. m				
- do - do - V.T.M.B. P-11				
157.880 m ³ @ Rs. 2289.55/m ³				
= Rs. 359943.10				
5/10) Providing & applying Prime Coat with bitumen emulsion				
- do - do - V.T.M.B. P-11				
2025.07 m ² @ Rs. 41.07/m ²				
= Rs. 83210.10				
6/11) Providing, laying, rolling of close graded premix surface 20mm thick				
- do - do - V.T.M.B. P-11				

2002.07 m ² @ Rs. 166.74/m ²				
= Rs. 333913.10				
7/12) Providing & applying tack coat with bitumen emulsion				
- do - do - V.T.M.B. P-11				
10034.865 m ² @ Rs. 13.95/m ²				
= Rs. 139986.10				
8/13) Providing & laying S.D.B.C				
- do - do - V.T.M.B. P-12				
198.85 m ³ @ Rs. 808.07/m ³				
= Rs. 160692.10				
9/16) Construction of sub-grade & earthen shoulder - do - do - V.T.M.B. P-12				

Continuation

2100 m³ @ Rs. 176.75/m³
= Rs. 371175.00

3269740/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10/14) Providing & fixing of Rec MIS grade Km local Stone					
- do - do - as per spec					
V.T.M.B P-15					
4 NOS. @ RS. 1899.98/each					
= RS. 7598.00					
11/15) 200 m Stone					
V.T.M.B P-15					
08 NOS. @ RS. 564.68/each					
= RS. 4517.00					
12/2) Providing & fixing of stone-reinforced sign boards - do - 15 -					
600mm equilateral triangle					
V.T.M.B. P-15					
14 NOS. @ RS. 3514.60/each					
= RS. 49204.00					
13/18) 600 mm Circular					
V.T.M.B P-15					
02 NOS. @ RS. 3614.93/each					
= RS. 7230.00					
14/19) 600 mm x 400 mm rectangles					
V.T.M.B P-15					
04 NOS. @ RS. 3484.52/each					
= RS. 13938.00					
15/23) Road marking with hot applied thermoplastic com- pound - do - do - V.T.M.B P-16					

Continuation

420 m² @ RS. 735.75/m²
= RS. 309015.00

3661242=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
16/24) Providing & fixing of typical Masonry information Sijon board - do - do -					
V.T.M.B P-16					
04 Nos. @ Rs. 9008.24/m ²					
= Rs. 36033.10					
HPC					
17/25) E/W for excavation for foundation - do - do -					
V.T.M.B P-17					
15.66 m ³ @ Rs. 285.17/m ³					
= Rs. 4466.10					

18/26) Providing per MIS as levelling course in foundation - do - do - V.T.M.B P-18					
2.050 m ³ @ Rs. 4127.73/m ³					
= Rs. 8462.10					
19/27) Brick masonry work in Cement mortar (1:4) - do - do -					
V.T.M.B P-19					
13.87 m ³ @ Rs. 5661.52/m ³					
5.76 m ³ P-19					
19.63 m ³ @ Rs. 5661.52/m ³					
= Rs. 1,11,136.10					

Continuation

3821339 -

Particulars	Details of actual measurement			Particulars of bill
	No.	I	B	
20/29) Plastering and lapping acc. to 2 sides of bamboo - do - do - V.T.M.A P-18				
9.50 m ² @ Rs. 112.33/m ²				
= Rs. 839.50				
21/29) Plastering with cement mortar (1:4) - do - do - V.T.M.A P-18				
38.48 m ² @ Rs. 147.36/m ²				
= Rs. 5693.10				
22/29) Plastering on plaster walls - do - do - V.T.M.A P-17				
12.48 m ² @ Rs. 95.85/m ²				
= Rs. 1193.10				
<u>Hire Maintenance</u>				
23/33-34) Plastering with cement mortar (1:4) on brick work - do - do - V.T.M.A P-20				
161.280 m ² @ Rs. 187.36/m ²				
= Rs. 28766.10				

Continuation

38603112

Sch. XLV Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
24/12/2019) Painting two coats on inner of 1240000 / cm = 1240000 Estimate = 1240000					
V.T.M.B. P-20					
161.280 m ² @ Rs. 95.63/m ²					
= Rs. 15423.10					
Total Rs. 3375.734.10					
Less 5.10% as per agreement (-) Rs. 197662.00					
= Rs. 3678072.10					
Less for previous payment (-) Rs. 3102983.00					

DATE
24/12/2019
S. J. J.

= Rs. 5,75,089.10

Permit/Ko.
08/07/2020
Je

Permit/Ko.
08/07/2020
Je

Material Statement

27

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
① Bricks - 9815 NRS.					
② Sand - 0.217 m ³ 4.95 m ³					
③ Pcc M15					
40 mm - 0.98 m ³					
20 mm - 0.99 m ³					
10 mm - 0.164 m ³					
Coarse Sand - 0.98 m ³					
④ Mortar - 199.78 m ²					

Sand - 4.395 m³

Total Sand = 10.32 m³

Handwritten signature

08/11/2020

2nd on A/c bill.
Memo of Payment for Rs
575089-

28

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
S.D.	50	→			28754
G. Area 2y.	→				11502
L. less 1y.	→				5751
C. GST 1%	→				5751
S. GST 1%	→				5751
Royalty	→				1463
S. Fee	→				5104
By cheque -					511013
Total →					575089 -
Passed for Rs 575089 = (Five lakh seventy five thousand thousand eighty nine only)					

Rs 511013/- (Five
lakh seventy five thousand
thousand eighty nine only)

Executive Engineer
R. W. D. (W) Division
Jhunaabad

9/9/2020
1.9.2020

01/09/20

on A/c franklin
3rd & final Bill

29

Sch. XLV—Form No. 134

Sch. XLV—Form No. 134					
Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
Name of work :- Repair of road from Shyama Village to Rampur via Isahat bridge.					
Agency :- M.A. Construction & Co. Govt order attached					
Agreement No - 08 mab/2019-20					
Date of Agreement - 21/01/2020					
Date of Commencement - 16/12/2019					
Date of Completion - 09/09/2020 (+15 days)					
Date of measurement - 03/09/2020					

① Dismantling of existing structures like Culverts etc.					
- do - do - Cement Conc.					
$2 \times 1 \times 3.50 \times 1.14 \times 0.15 = 1.20 \text{ m}^3$					
$1 \times 1 \times 3.50 \times 1.54 \times 0.15 = 0.81 \text{ m}^3$					
$= 0.81 \text{ m}^3$					
② Dismantling of existing structures like Culverts, bridges etc (Brick masonry)					
- do - do -					
$2 \times 2 \times 4.20 \times 0.825 \times 2.50 = 34.66 \text{ m}^3$					
$1 \times 2 \times 6.20 \times 0.825 \times 3.00 = 30.69 \text{ m}^3$					
(6m to 9m diam. H.P.C)					
Continuation <u>Single Row</u>					

(6) Branding & fixing of boundary pillars / guard post at Rec Mis grade - do-do
Qty. = 008 Nos.

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
⑦ Planting of trees by the road side (areca trees)					
- do - do -					
Qty. = 80 trees					
HPC NGR					
⑧ E/W in excavation for foundation of structure					
- do - do -					
head wall					
$2 \times 2 \times 3.90 \times 1.15 \times 1.5 = 26.91 \text{ m}^3$					
Below pipe					
$2 \times 1 \times 5.350 \times 1.130 \times 0.325 = 4.914 \text{ m}^3$					

Total = 31.824 m³

⑨ Providing permissions levelling course in foundation					
- do - do -					
head wall					
$2 \times 2 \times 3.900 \times 1.15 \times 0.150 = 2.691 \text{ m}^3$					
Below pipe					
$2 \times 1 \times 5.311 \times 1.130 \times 0.25 = 3.00 \text{ m}^3$					
less for pipe					
$2 \times 0.25 \times 0.7857 \times 0.830^2 \times 5.819 = 1.582 \text{ m}^3$					
Total = 4.10 m ³					

⑩ Brick masonry work in cement mortar (1:4) - do -					
--	--	--	--	--	--

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Recd. nos. 1					
$2 \times 2 \times 3.600 \times 0.700 \times 2.150$					21.984 m^3
Parapet					
$2 \times 2 \times 3.600 \times 0.400 \times 1.200$					6.912 m^3
Less for pipe					
$2 \times 2 \times 0.7857 \times 0.850^2 \times 0.530$					
					$= (-) 1.745 \text{ m}^3$
					Total = 27.77 m^3
(1) Bonding & laying R.C.C. NPS					
pipe of dia. 60 mm of					
-do- -do-					
$2 \times 3 \times 2.50$					$= 15.00 \text{ m}$

(2) Plastering with cement-mud					
tar (1:4) on brick work					
-do- -do-					
Outer sides					
$2 \times 2 \times 3.600 \times 3.350$					$= 48.672 \text{ m}^2$
Inner sides					
$2 \times 2 \times 3.600 \times 0.600$					$= 8.640 \text{ m}^2$
Top					
$2 \times 2 \times 3.600 \times 0.400$					$= 5.760 \text{ m}^2$
Ends					
$2 \times 4 \times 0.700 \times 2.150$					$= 12.208 \text{ m}^2$
Parapet ends					
$2 \times 4 \times 0.400 \times 1.200$					$= 3.840 \text{ m}^2$

Less

Continuation

$$2 \times 2 \times 0.7857 \times 0.830^2$$

$$= (-) 2.166 \text{ m}^2$$

$$\text{Total} = 76.96 \text{ m}^2$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑬ Painting on parapet walls (Black & white starts) two coats —do—do—					
Top					
					$2 \times 2 \times 3.600 \times 0.400 = 5.76 \text{ m}^2$
Side					
					$2 \times 4 \times 3.600 \times 0.600 = 17.28 \text{ m}^2$
Front					
					$2 \times 4 \times 0.400 \times 0.600 = 1.920 \text{ m}^2$
					Total/2 24.960 m^2

Foramt/Ks.
03/09/2020
JE

⑬ 25.09.2020

Abstract of cost

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work	1				Repair of road from Singara Villa to Rampur via Pontabhigha
Agency	1				M.G. Construction & Co. Govt. of Jharkhand
Agreement No.					08MBD/2019-20
Date of Agreement					21/07/2020
Date of Commencement					10/12/2019
Date of Completion					09/09/2020 (+15 days)
Date of measurement					
Date of actual Completion					03/07/20

1/1) Clearing & grubbing of road land	- do - do -	V.T.M.B. P-21			
0.42 Hect. @	RS. 49524.65/ha				
	= RS. 20800.00				
2/2) Construction of granular sub-base	- do - do -	V.T.M.B. P-21			
131.250 m ³ @	RS. 1461.45/m ³				
	= RS. 191815.00				
3/3) Providing, laying, spreading & compacting of WBM-II	- do - do -	V.T.M.B. P-21			
67.50 m ³ @	RS. 2436.85/m ³				
	= RS. 164487.00				

Continuation

3771020

Sch. XLV—Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
4/9) Providing, laying, spreading & compacting of NBM-TM				
- do - do - V.T.M.B P-22				
157.880 m ³ @ RS. 2287.53/m ³				
= RS. 347433.10				
5/10) Providing & applying prime coat with bitumen emulsion				
(SS-1) - do - do - V.T.M.B P-22				
2025.07 m ² @ RS. 41.09/m ²				
= RS. 83210.10				
6/11) Providing, laying & Rolling of close graded premix surface treatment - do - do				
V.T.M.B P-22				
2062.07 m ² @ RS. 16674/m ²				
= RS. 343833.10				
7/12) Providing & applying tack coat with bitumen emulsion				
RS-11 - do - do - V.T.M.B P-22				
10034.865 m ² @ RS. 13.95/m ²				
= RS. 139986.10				
8/13) Providing & laying Semi-dense bituminous concrete				
- do - do - V.T.M.B P-22				
198.85 m ³ @ RS. 8081.07/m ³				
= RS. 1606921.10				
9/16) Construction of Embankment & earthen shoulder - do - do				

Continuation

V.T.M.B P-22
 2100 m³ @ RS. 176.75/m³
 = RS. 371175.10
 3289660.10

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10/14) Providing & Fixing of Rec MIS grade Km local stone					
-do -do-					RTMB P-23
04 NOS. @ RS. 1899.48/each					
					= RS. 7598.00
11/15) 200 m Stone					
-do -do-					RTMB P-23
08 NOS. @ RS. 564.68/each					
					= RS. 4517.44
12/17) Providing & Fixing of rectan re-rectified sign boards					
-do -do-					600 mm equilateral triangle
					RTMB P-23
14 NOS. @ RS. 3574.60/each					
					= RS. 49204.40
13/18) 600 mm Circular					
-do -do-					RTMB P-23
02 NOS. @ RS. 3614.93/each					
					= RS. 7230.00
14/19) 600 mm x 450 mm Rectangular					
-do -do-					RTMB P-23
04 NOS. @ RS. 3484.52/each					
					= RS. 13938.00
15/23) Road marking with hot applied thermoplastic compound					
-do -do-					RTMB P-23

Continuation

420 m² @ RS. 735.75/m²
= RS. 309175.00

3861162=

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
16/24) Bonding & Fixing of typical masonry infomasonry					
Sign board with lgs - do - do					
RTMB P-24					
04 NOS. @ RS. 908.24/each					
					= RS. 36033.60
17/24) E/W in excavation for foundation - do - do -					
15.66 m ³ RTMB P-24					
31.32 m ³ RTMB P-31					
46.98 m ³ @ RS. 285.17/m ³					
					= RS. 13397.10

18/24) Bonding per m ² as leveling course in foundation - do - do -					
2.057 m ³ RTMB P-24					
4.100 m ³ RTMB P-31					
6.157 m ³ @ RS. 4127.78/m ³					
					= RS. 253386.10
					= RS. 25386.10
19/24) Brick masonry work in cement mortar - do - do -					
13.87 m ³ RTMB P-24					
24.74 m ³ RTMB P-32					
41.61 m ³ @ RS. 5661.52/m ³					

Continuation

RS. 235576.10

3971554=

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
20/28) Provision of laying RCC MB					
like of dia. 600 mm					
- do - do -					
7.50 m				VTMB P-25	
15.00 m				VTMB P-32	
22.50 m				A RS. 1112.34/m	
				= RS. 25028.00	

21/29) Plastering with cement					
mortar (1:4) - do - do -					
34.98 m ²				VTMB P-25	
68.96 m ²				VTMB P-32	
115.44 m ²				A RS. 142.36/m ²	

					RS. 17011.00
22/30) Painting on parapet					
walls - do - do -					
12.48 m ²				VTMB P-25	
24.96 m ²				VTMB P-32	
37.44 m ²				A RS. 95.63/m ²	
				= RS. 3580.00	

23/38+39) Plastering with cement					
mortar (1:4) - do - do -					
VTMB P-25					
161.280 m ²				A RS. 147.36/m ²	
				= RS. 23766.00	

24/35) Painting two coats on					
new plastered surfaces					
- do - do -				VTMB P-	

Continuation

161.80 m ²				A RS. 95.63/m ²	
				= RS. 15473.00	
				6056412-	

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
25/2) Dismantling of existing structures like Culverts bridges etc (Current corr.)					
- do - do - VTMB P-29					
0.87 m ³ @ Rs. 469.29					
					= Rs. 380.10
26/3) Dismantling of existing structure like Culverts, bridges etc. (brick masonry)					
- do - do - VTMB P-30					
36.45 m ³ @ Rs. 339.10/m ³					
					= Rs. 12357.10

27/4) Removing all types of hand pipes (upto 60 mm)					
- do - do - VTMB P-30					
15.10 m @ Rs. 169.12/m					
					= Rs. 2537.10
28/5) Above 60 mm to 75 mm					
VTMB P-30					
5.10 m @ Rs. 228.65/m					
					= Rs. 1143.10
29/16) Providing & erecting d.s.m. & place identification sign or electrified sign boards					
- do - do - VTMB P-30					
5.76 m ² @ Rs. 12049.53/m ²					
					= Rs. 69405.10

Continuation

Rs. 42234 =

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
30/00) Providing & fixing of boundary pillars/gravel posts of Rec Mis garde - do - do -					
VTMB P-30					
08 NOS. @ RS. 504.15/each					
= RS. 4036.10					
31/00) Planting of trees by road side - do - do -					
VTMB P-31					
80 NOS. @ RS. 799.08/each					
= RS. 63926.10					
Total = RS. 4210196.10					

Add 12% GST	= (+) RS. 504732.12	341325
& 1% Lab. chgs		4757521
Total = RS. 4757465.10		
Less 5.10% AS	(-) RS. 242634.10	
for agreement	= RS. 4514831.10	4514831
Less for previous payment	= (-) RS. 367872.10	
Net amount payable	= RS. 836762.10	836815

Amount Ke.
03/09/2022
JE

32 25.09 2020
AE

Material Statement

UP to 41 Date

Sch. XLV—Form No. 124

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
① E/W -		21.70 m ³			
② MSB (Gr-II) -		131.250 m ³			
26.5 - 9.5 mm -		58.80 m ³			RS. 530.55
9.5 - 2.36 mm -		42.00 m ³			RS. 411.53
2.36 & below -		66.94 m ³			RS. 116.55
③ WBM (Gr-II) -		67.58 m ³			
63 - 45 mm -		81.675 m ³			RS. 427.19
Stone Screening type (11.2 mm)					
=		21.60 m ³			RS. 345.52
④ WBM (Gr-III) -		157.850 m ³			
53 - 22.4 mm -		187.77 m ³			RS. 458.22
Stone Screening type (11.2 mm)					

= 86.45 m³ @ RS. 345.52

⑤ Prime coat -

SS-1 - 1721.31 kg

⑥ Tack coat -

RS-1 - 2759.59 kg.

⑦ Bitumen for MSS

S90 - 8917.97 kg.

Stone Crushed agg 13.2 - 0.075 mm

= 55.68 m³ @ RS. 70.04

⑧ Bitumen for SDBE

=

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑧ Aggregate -					
7.5 - 4.75 mm -					165.66 m ³ @
					RS. 528.74
4.75 & below -					119.16 m ³ @
					RS. 200.45
⑨ PCC (1:4:15) -					6.15 m ³
Coarse Sand -					2.95 m ³ @ RS. 150.80
40 mm -					2.95 m ³ @ RS. 441.08
20 mm -					1.476 m ³ @ RS. 530.55
10 mm -					0.49 m ³ @ RS. 614.17
⑩ Brick masonry -					41.61 m ³
Brick -					20805 NIS.

Coarse Sand -					9.99 m ³ @ 150.80
⑪ Plaster -					115.44 m ²
Coarse Sand -					27.70 m ³
					@ RS. 150.80
⑫					25.09
⑬					20.20
⑭					20.20
⑮					20.20
⑯					20.20
⑰					20.20
⑱					20.20
⑲					20.20
⑳					20.20
㉑					20.20
㉒					20.20
㉓					20.20
㉔					20.20
㉕					20.20
㉖					20.20
㉗					20.20
㉘					20.20
㉙					20.20
㉚					20.20
㉛					20.20
㉜					20.20
㉝					20.20
㉞					20.20
㉟					20.20
㊱					20.20
㊲					20.20
㊳					20.20
㊴					20.20
㊵					20.20
㊶					20.20
㊷					20.20
㊸					20.20
㊹					20.20
㊺					20.20
㊻					20.20
㊼					20.20
㊽					20.20
㊾					20.20
㊿					20.20

Continuation

ord on A/c bill
Memo of Payment for Rs 836815

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
S.D. 5% + 10% = 34% →				54577
Securing for				41841.00
M.D. For Tree Planting				12736
S. tax 2% →				16736
L. Less 1% →				8369
C. GST 1% →				8369
S. GST 1% →				8369
By cheque —				740355
Total —				836815

Passed for Rs 836815 —

[Eight lakh thirty six
thousand eight hundred
Fifteen only Rs Pay D.
Rs 740355 = (Seven lakh
four thousand three

hundred ninety five)

कायपालके अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, जहलगाँव

12/10/22

4th & Final Bill

44

Sch. XIV - Form No. 124

Sch. XIV - Form No. 124					Extents of work
Particulars	Details of actual measurement				
	No	L	B	D	
Name of work: - Repair of road from Sufiana Village to Rampur via Pandabhingra					
Agency: - M/s M/s Construction & Co. Court area Jahanabad.					
Ag. No: - 08 MOP/2019-20					
Date of agreement: - 21/01/2020					
Date of commencement: - 10/12/2019					
Date of completion: - 07/01/2020 (+ 45 days holiday)					
Date of measurement: -					
Date of actual completion: - 13/01/2020					

Measurement - Nil

For M/s.
14/10/2020
JE

14/10/2020
JE

Abstract of Cost

Sch. XLV—Form No. 134

419) Providing, laying & spreading of
Compacting of WBM-3 - do - do -
VTMB P-35
 $157.88 \text{ m}^3 @ \text{Rs. } 2287.53/\text{m}^3$
 $= \text{Rs. } 359733.40$

Sch. XLV - Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5/11) Providing & applying prime coat with bitumen emulsion					
- do - do -				V7m9 P-35	
2025.07 m ² @				Rs. 41.07/m ²	
				= Rs. 83241.10	
6/11) Providing, laying & settling of close graded premix surface material				- do - do - V7m9 P-35	
2062.09 m ² @				Rs. 166.74/m ²	
				= Rs. 343833.10	
7/12) Providing & applying tack coat with bitumen emulsion				(R-1) - do - do - V7m9 P-35	
10034.86 m ² @				Rs. 13.75/m ²	
				= Rs. 137986.10	
8/13) Providing & laying semirigid bituminous concrete				- do - do - V7m9 P-35	
198.85 m ³ @				Rs. 8081.07/m ³	
				= Rs. 1606721.10	
9/16) Construction of subgrade & earthen shoulder				- do - do - V7m9 P-35	
2100 m ³ @				Rs. 176.75/m ³	
				= Rs. 371175.10	
10/14) Providing & fixing of Rec Mis grade 1cm lead stone				- do - do -	
04 Nos. @				Rs. 1899.45/each	
				= Rs. 7598.10	

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
11/25) 200 mm square - do - VTMB P-36					
08 NOS @ RS. 564.65/each					
= RS. 4517.20					
12/12) Providing & fixing of rebar - or electrical sign boards - do - do - VTMB P-36					
600 mm equivalent of triangle					
14 NOS. @ RS. 3514.60/each					
= RS. 49204.40					
13/18) 600 mm circular - do - VTMB P-36					
02 NOS @ RS. 3614.73/each					
= RS. 7229.46					
14/19) 300 mm x 450 mm rectangular - do - VTMB P-36					
04 NOS. @ RS. 3484.33/each					
= RS. 13937.32					
15/23) Road marking with hot applied thermoplastic compound - do - do - VTMB P-36					
420 m ² @ RS. 735.75/m ²					
= RS. 309075.00					
16/24) Providing & fixing of typical masonry interlocking sign board with logo - do - - do - VTMB P-37					
04 NOS. @ RS. 9008.29/each					
= RS. 36033.16					

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
17/25) E/W in excavation for foundation - do - do -					
VTMA P-37					
16.78 m ² @ RS. 285.17/m ²					
					RS. 15377.10
18/26) Providing Rec. m/s for levelling course in foundation - do - do -					
VTMA P-37					
6.150 m ² @ RS. 4127.73/m ²					
					= RS. 25356.10
19/27) Brick masonry work in cement mortar (1:4) - do - do -					
VTMA P-37					
11.61 m ² @ RS. 566.22/m ²					
20/28) Providing & laying Rec. m/s for et dia. Grouting - do - do -					
VTMA P-38					
22.50 m @ RS. 1112.37/m					
					= RS. 25028.10
21/29) Plastering with cement mortar (1:4) - do - do -					
VTMA P-38					
115.44 m ² @ RS. 149.26/m ²					
					= RS. 17071.10
20/30) Painting on plastered walls - do - do -					
VTMA P-38					
39.44 m ² @ RS. 95.63/m ²					
					= RS. 3580.10
23/33+34) Plastering with cement mortar (1:4) - do - do -					
Continuation					
VTMA P-38					
16.280 m ² @ RS. 147.36/m ²					
					= RS. 23766.10

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
24/35) Painting two coats on newly plastered surfaces - do - do - VTB P-38					
161.80 m ² @ Rs. 95.63/m ²					
					= Rs. 15473.10
25/2) Dismantling of existing structures like culverts bridges etc. (Cement Concrete) - do - do - VTB P-39					
0.81 m ³ @ Rs. 469.29/m ³					
					= Rs. 380.10
26/3) Dismantling of existing structures - do - do - VTB P-39					
36.45 m ³ @ Rs. 339.10/m ³					
					= Rs. 12357.10
27/5) Removing all types of lime pipes (upto 600 mm dia) - do - do - VTB P-39					
15.10 m @ Rs. 169.12/m					
					= Rs. 2537.10
28/5) Above 600 mm dia 900 mm dia - do - VTB P-39					
5.00 m @ Rs. 228.68/m					
					= Rs. 1143.10
29/16) Providing & erecting of strong place identification retro reflective sign boards - do - do - Continuation VTB P-39					
5.76 m ² @ Rs. 12049.53/m ²					
					= Rs. 69405.10

Particulars	Details of Actual measurement				Contents of area
	No.	L	B	D	
30/20) Bonding & Fixing of Boundary Pillars / guard posts of R.C. 1715 grade - do - do - VTMB P-10					
08 NOS. @					Rs. 501.12/each
					= Rs. 4036.10
31/22) Planting of trees by road Side - do - do - VTMB P-10					
20 NOS. @					Rs. 999.08/each
					= Rs. 63926.10
23/21 23/21					
					Total = Rs. 4210196.10
111 121 GST					Rs. 547325.10
1-1 Lab. Cess					Rs. 4757521.10
Less 5.10 + 23 per agreement					(-) Rs. 242634.10
					= Rs. 4514887.10
Less for previous payment					(-) Rs. 4514887.10
					= 0.10
					(Nil)
Prepared By					
14/10/2020					14.10.2020
TE					AE.