

Shahwan & Summy West.

Section 6

M.M. 655

Well 1st section

Section XIV - 1st section

Section XIV - 1st section

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Section XIV - 1st section

Section XIV - 1st section

Section XIV - 1st section

2418

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machines and issued to Sri Lal
Behadur P. C. R. W. D. work sub-
division Aurangabad

20/8/19
Executive Engineer

Rumal Works Depart. at

Works Division, Aurangabad

30/8/19

Schedule KLV - Form No. 134.

I.E. R.W.D. Aurangabad Division.

A.E. R.W.D. Aurangabad Division.

MEASUREMENT BOOK.

2418

511262

Sri Lal Behadur P.C.

Date of first entry

A.E. R.W.D. Aurangabad

Date of last entry

4th & Final B.Y.

Sch. XLV-Form No. 134 22

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
1) Name of Work - Construction of Road from Rajon' Dama Road to outlet bridge under MMSY (SC)					
2) Agency - M/S S. Karwan & Sunny Const.					
3) Agreement No. 41 SAD / 2019-20					Pr. H.D.
4) Agreement Amount - 611949810=0					
5) Date of Work start 10-11-2019					
6) Date of Completion 8-11-2020					
Rate of Entry 8-11-2020					

1) PV Construction of Sub grade and earthen shoulder etc. etc. etc.					
1x25x $\frac{6.5+7.5}{2} \times 0.30 = 52.5 \text{ m}^3$					
2x30x30x1.39x0.275 = 688.05					
2x66x30x0.38x0.325 = 22.914 m ³					

Total 763.464 m³

2) PV GBM gr ^{material} layer					
Compaction etc. etc. etc. = 4.50 m ³					
2x25x(4.65-3.75)x0.70 = 4.50 m ³					
5x25x(3.75-3.75)x0.20 = 11.25 m ³					
3x25x(4.65-4.05)x0.20 = 22.50 m ³					
3) PV WBM gr ^{material} layer 13.50 m ³					

Compaction etc. etc. etc. = 8.44 m ³					
5x25x(4.65-3.75)x0.075 = 8.44 m ³					

4) PV Prime Coat with bitumen emulsion etc. etc. etc.					
5x25x(4.65-3.75)x0.075 = 8.44 m ³					

4) PV Prime Coat with bitumen emulsion etc. etc. etc.					
etc. etc. etc. etc. etc. etc.					

1x13x30x3.75 = 1462.50 m ²					
1x17x30x3.75 = 1912.50 m ²					
3x25x(4.65-3.75)x3.75 = 253.12 m ²					

Total 3448.120 m²

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
2) PW C.S.B work gradip					
Material I etc. - do TB					
3 x 25 x (4.65 - 3.75) x 0.10 = 6.75 m ³					
4 x 25 x (4.65 - 4.05) x 0.20 = 12.00 m ³					
Total 18.75 m ³					
3) PW WBM grad layer and					
Compaction etc. - do - TB					
3 x 25 x (4.65 - 3.75) x 0.075 = 5.0625 m ³					
4 x 25 x (4.65 - 4.05) x 0.075 = 4.500 m ³					
Total 9.5625 m ³					
4) PW Prime Coat with					
bitumen emulsion SS-1					
etc. - do - TB					
1 x 13 x 30 x 3.75 = 1462.50 m ²					
1 x 17 x 30 x 3.75 = 1912.50 m ²					
4 x 25 x (4.65 - 3.75) = 90.00 m ²					
Total 3465.00 m ²					
5) PW Tack Coat with					
bitumen emulsion RS-1					
etc. - do - TB					
Qty indicated @ p. (23)					
3465.00 m ²					
6) PW H.S.S. work bitumen					
emulsion etc. - do - TB					
Qty indicated @ p. (23)					
3465.00 m ²					
7) PW Construction of Un-					
reinforced cement concrete					
Pavement etc. - do - TB					
Continuation					
1 x 5 x 3.75 x 0.16 = 3.00 m ³					
3 x 25 x (4.65 - 3.75) x 0.16 = 10.80 m ³					
Total 13.80 m ³					

Sch. XLV-Form No. 134 ²⁴

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

8) PW laying Brick slope
on subgrade etc. do. TB

$$2 \times 20 \times 30 \times (0.35 \pm 0.33) = 408.0 \text{ m}^2$$

9) PW R.C.C. M. 15 cm
slab etc. do. TB

i) Ordinary 6m slab 2 Nos

ii) 2m slab 7 Nos

10) PW & fixing M.S.S.Y

informally slip board &
Kant. board etc TB 2 Nos

11) PW Boundary pillar
R.C.C. M. 15 grade etc TB

24 Nos

12) PW and fixing keta

reflected road Traffic
sign etc. do. TB

i) 600mm square lateral flag
16 Nos

ii) 800mm x 600mm Rectangular
6 Nos

iii) 600mm x 450mm Rectangular
6 Nos

13) PW & laying of Road Marking

with Hot applied thermoplastic
on B.F. surface
etc. do. TB

$$2 \times 17 \times 30 \times 0.10 = 102 \text{ m}^2$$

$$2 \times 13 \times 30 \times 0.10 = 78.0 \text{ m}^2$$

14) PW Back filling 180.0 m
etc. TB

$$2 \times 6 \times 2.05 \times 1.40 = 34.44 \text{ m}^3$$

Continuation

15) PW and laying filter Mat
with 45 Baker etc TB

$$2 \times 6 \times 0.6 \times 1.6 = 19.20 \text{ m}^3$$

Sch. XLV-Form No. 134 ²⁵

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

14) PW Road Marking with
Hot applied Thermoplastic
on C.C. Pavement - etc. etc.
2x 26x30x 0.10 = 156.0m²
2x 25x 0.10 = 5.0m²
161.0m²

15) PW Planting of Trees by
the road side etc. etc.
20 no

16) PW and laying RCC
300mm dia pipe etc. etc.
10x 4x 2.5 = 50 m²

17) PW Painting of parapet
wall with two coats etc.

etc. etc. etc.

2x 6.15x 0.40 = 4.92m²

4x 6.15x 0.60 = 14.76m²

4x 0.40x 0.60 = 0.96m²

2x 3.6x 0.40 = 2.88m²

4x 3.6x 0.60 = 8.64m²

4x 0.40x 0.60 = 0.96m²

2x 2x 8.34x 0.60 = 20.01m²

4x 0.60x 0.40 = 0.96m²

2x 8.34x 0.40 = 6.672m²

60.762m²

8/11/20

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Assistant Engineer

Rural Works Department

Works Sub-Div. Aurangabad

Abstract of Crst

Sch. XLV-Form No. 134 26

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

i) PW and fixing B.M. pillar

etc. do. TB

2 No Plyride P- (10)

@ Rs 4362.49/each Rs 87252

ii) Ref. pillar etc. TB

6 No Plyride P- (10)

@ Rs 1989.83/each Rs 119392

2) PW clearing and grubbing

road land etc. do. TB

1.19 Hect Plyride P- (10)

@ Rs 49739.97/Hect Rs 591902

3) PW Construction of Embank-

ment with approved material

etc. - lead 100m etc. TB

1063.80 m³ Plyride P- (17)

@ Rs 132.56/m³ Rs 14101720

4) PW Construction of Embank-

ment with approved material

etc. - lead 1000m etc. TB

1075.91 m³ Plyride P- (17)

@ Rs 187.23/m³ Rs 20144320

5) PW Construction of sub grade

with earthen shoulder etc. TB

3253.95 m³ Plyride P- (17)

763.46 m³ Plyride P- (22)

4017.41 m³

lead - 39/2 - 71 m @ Rs 189.6/m³ Rs 74185020

6) PW G.S.B with graded

Material 2 etc. do. TB

999.0 m³ Plyride P- (2)

25.00 m³ Plyride P- (6)

18.78 m³ Plyride P- (23)

1099.75 m³ @ Rs 2596.98/m³ Rs 2728777

lead -

Total Rs 38927412

— 90

$$67463892941 = 0$$

Compaction do. . Do . Th

45T.63 m³ Qty note R ②

24.24 m³ of water

9.583 g cm^{-3} Density (23)

489.93M

489.93 M³
Lent 489.12 M³ @ 383.59 / M³ - 61874.072

8) As for me coat with

by the men employed 3.5/

$\frac{1}{2} \times 10 = 5$

3408 m² Qty n. def (23)

Cost = 3442.50m @ 54.86/m² = 188856

9) In Rock coat with

besten ermittelten Wert

et	la	de	ty
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3465.	sum ²	of under (23)
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Levst. 3442.50 m @ 18.41/m² - 63376.20

10) PW H.S.S. W2 £90

do.	do.	77
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3485.0m² of water - (23)

Least 3442.50m @ 230.2/m - 67924632

11) PW Construction of Cnr

reinforced plain cement

Concrete pavement etc TB

480.0 m³ Qty wide 1-17

13.80	43	Qty under 1	(23)
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493.8043

~~493.88 m~~
~~Lev. 492.66 m @ 6777.77 m 6339 1362~~

Tab 1 ~~10090879~~ 20

10,15,08792

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
			B/F		100,90,879 10150879
12) 1/4 layer Brick Solum on sub grade etc. 1/1 408.0 m Qty under (24) Unit - 402.5 @ 525.24/m ²					21140920
13) 1/4 R.C.C N. 15 km stone etc 1/1					
1) 1/4 stone 2000 Qty under (24) @ 2303.52/each					46420
2) 200 m stone 2000 Qty under (24) @ 658.68/each					46420
14) 1/4 2 fixing MM 30 Y					
information sign Board with loop, Hand. Board etc 2000 Qty under (18) 2000 Qty under (24) 400 @ 10068.28/each					
15) 1/4 R.C.C N. 15 B/pillar etc. do 1/1 2400 Qty under (24) @ 533.84/each					1281220
16) 1/4 and fixing retro reflective Traffic sign etc. do 1/1					
7 600 mm equivalent Mangle 1800 Qty under (24) @ 4062.44/each					6499920

Continuation

Total 1,04,89,5942.

— 0/0 —

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
			B/A		104,89,59420
i) 800 mm x 600 mm Rectangular					
6 No Qty vide P-24					
@ Rs 7728.95/each					Rs 46374=0
ii) 600 mm x 450 mm Rectangular					
6 No Qty vide P-24					
@ Rs 5352.51/each					Rs 3211520
17) P.W Road Marking on					
B.T Surface etc. etc.					
180.0 m ² Qty vide P-24					
@ Rs 850.93/m ²					Rs 15316720
8) P.W Road Marking on					
C.C Pavement etc. etc.					
161.0 m ² Qty vide P-25					
@ Rs 953.98/m ²					Rs 15359220
19) Planting of Trees by					
side of Road etc. etc.					
90 No Qty vide P-25					
@ Rs 749.73/each					Rs 6747620
20) P.W and laying R.C.C pipe					
300 mm etc. etc.					
50 mt Qty vide P-25					
@ Rs 996.72/mt					Rs 4983620
21) P.W E/W in Excavation					
in ft ³ etc. etc.					
157.12 m ³ Qty vide P-18					
@ Rs 285.71/m ³					Rs 4480820
22) P.W P.C.C 14.15 in ft ³					
etc. etc.					
14.91 m ³ Qty vide P-18					
@ Rs 5843.59/m ³					Rs 8414620
Total					Rs 110,61,2002
					— c/o

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					10,61,20620
23) P.W. P.C.C. H ₂ O in sub					112120620
Structure etc. do. TL					
16.22 m ³ Qty. n _d l. (18)					
@ Rs 6602.31/m ³					10708920
24) P.W. R.C.C. M ₃ H. pipe					
600 mm ϕ etc. do. TL					
7.5 mt Qty. n _d l. (18)					
@ Rs 1136.84/mt					852620
25) P.W. R.C.C. M ₃ H. pipe					
1000 mm ϕ etc. do. TL					
7.5 mt Qty. n _d l. (18)					
@ Rs 4266.12/mt					3199520
26) Supply, fitting and placing					
H ₂ O bar etc. do. TL					
0.152 MT Qty. n _d l. (19)					
@ Rs 76808.65/MT					1167520
27) P.W. P.C.C. H ₂ O in sub					
etc. do. TL					
33.4 m ³ Qty. n _d l. (19)					
@ Rs 6360.72/m ³					2124480
28) P.W. Wap hole in structure					
etc. do. TL					
36 No. Qty. n _d l. (19)					
@ Rs 131.61/each					474020
29) P.W. R.C.C. H ₂ O in sub					
structure etc. TL					
9.89 m ³ Qty. n _d l. (19)					
@ Rs 7381.52/m ³					7274120

Continuation

30) P.W. P.C.C. H ₂ O in sub					1157142020
Structure etc. TL					
49.43 m ³ Qty. n _d l. (18)					
@ Rs 6602.31/m ³					32633920
					7661189775920

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
31) PW supply filter, HYSD bar mesh etc. do - TV					1157142020
1.068 m ³ qty n.d.p. (19)					
@ 1786958.18/m ³ -					189773920
32) PW R.C.C. 430 in Deck Slab etc. do - TV					
438 m ³ qty n.d.p. (19)					
@ 18092.78/m ³ -					8203720
33) PW supply & filter of HYSD bar mesh etc.					
0.364 m ³ qty n.d.p. (20)					
@ 178080.92/m ³ -					3544620
34) PW R.C.C. 420 in pump etc. do - TV					
4.08 m ³ qty n.d.p. (20)					
@ 16602.31/m ³ -					284220
Total 1786958.18					1157142020
Reduced @ 10%					10700720
Total 10%					16837320
35) PW Back filling with cement & wing wall etc. TV					
34.44 m ³ qty n.d.p. (24)					
@ 1741.34/m ³ -					2553220
36) PW filter media with 486 etc. do - TV					
19.20 m ³ qty n.d.p. (24)					
@ 13239.39/m ³ -					6219620
Total 1786958.18					1157142020

Continuation

- ew

