

MMGS

Aaramda 70 Uch Kumbhi

Schedule XLV-Form No. 134

52

any other authority, any No - 67374-71C

DIVISION

any other No - 67374-71C

SUB-DIVISION

MEASUREMENT BOOK

572

4945 1 R K Const & Com

Mad on A/C Bill

20

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:—Construction and					
Five Year maintenance of Road					
from Faranda To Uchkundhi.					
Name of Agency:—R.K. Construction and					
CO.					
Agreement No. - 62.SB.2/2019-20 (MHMSYSC)					
Date of Commencement:—09-10-2019					
Date of Completion:—08-10-2020					
Details of Measurement					
1/ Construction of unreinforced					
expansion and contraction					
Joint Cement concrete pavement					
		7 X 30.00 X 3.75 X 0.16 =	126.00m ³		
		1 X 20.00 X 3.20 X 0.16 =	10.24m ³		
		1 X 30.00 X 3.80 X 0.16 =	18.24m ³		
		1 X 30.00 X 3.90 X 0.16 =	18.72m ³		
		4 X 10.00 X 4.10 X 0.16 =	26.24m ³		
		1 X 10.00 X $\left(\frac{3.75+4.10}{2}\right) \times 0.16 =$	6.28m ³		
		1 X 10.00 X 4.00 X 0.16 =	6.40m ³		
		1 X 4.00 X 3.00 X 0.16 =	1.92m ³		
			217.04m ³		
2/ Construction of Subgrade and					
Earthen Shoulder					
Adjacent to GSB BT Position					
		2 X 20 X 30.00 X 1.388 X 0.200 =	333.12m ³		
Adjacent to GSB		2 X 20 X 30.00 X 1.182 X 0.075 =	106.38m ³		
Adjacent to GSB		2 X 20.00 X 0.375 X 0.10 =	1.50m ³		

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1	12	0.375	0.10	= 0.45 m ³
	1	30.00	0.375	0.10	= 1.125 m ³
	1	30.00	0.375	0.10	= 1.125 m ³
	1	14.00	0.375	0.10	= 0.525 m ³
	1	8.00	0.375	0.10	= 0.30 m ³
	1	30.00	0.375	0.10	= 1.125 m ³
	1	12	0.375	0.10	= 0.45 m ³
Adjacent to B.M. (III)	2	20.00	0.375	0.075	= 1.125 m ³
	1	12.00	0.375	0.075	= 0.337 m ³
	2	30.00	0.375	0.075	= 1.687 m ³
	1	14	0.375	0.075	= 0.393 m ³
	1	8.00	0.375	0.075	= 0.225 m ³
	1	30.00	0.375	0.075	= 0.843 m ³

$$1 \times 12.00 \times 0.375 \times 0.075 = 0.337 \text{ m}^3$$

$$451.047 \text{ m}^3$$

3/ Laying of brick soling layer
with brick on end edging

$$2 \times 20.00 \times 0.50 = 20 \text{ m}^2$$

$$1 \times 12.00 \times 0.50 = 6.00 \text{ m}^2$$

$$1 \times 30.00 \times 0.50 = 15.00 \text{ m}^2$$

$$1 \times 30.00 \times 0.25 = 7.50 \text{ m}^2$$

$$1 \times 14.00 \times 0.25 = 3.50 \text{ m}^2$$

$$1 \times 8.00 \times 0.50 = 4.00 \text{ m}^2$$

$$1 \times 30.00 \times 0.50 = 15.00 \text{ m}^2$$

$$1 \times 12.00 \times 0.50 = 6.00 \text{ m}^2$$

$$77.00 \text{ m}^2$$

4/ Clearing and grubbing and
providing and laying

$$\text{land } 2 \times 10 \times 30.00 \times 3.50 = 2100 \text{ m}^2$$

$$= 0.21 \text{ Ha}$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1220	2.840	3.318	70	2.32.260	6219.185 m ³
Less Vide Item no(7) P(3)					-11082.925 m ³
Less Vide Item no(8) P(3)					-11309.68 m ³
Less Vide Item no(11) P(6)					-1746.872 m ³
Less Vide Item no(2) P(21)					-1491.047 m ³
Less Vide Item no(5) P(25)					-122.50 m ³
Less Vide Item no(11) P(27)					-1353.10 m ³
Less Vide Item no(7) P(8)					-1759.415 m ³
Less Vide Item no(6) P(26)					-169.05 m ³
Less Vide Item no(2) P(19)					-1332.35 m ³
Less Vide Item no(7) P(4)					-131.65 m ³
Less CC Pavement vide Item no(1) P(1)					-1214.04 m ³
Less Flood Shallowing vide Item no(3) P(21)					838.556 m ³
					77.00 x 0.125 = -19.625 m ³
					828.931 m ³
(a) For Lead up to 1000m					
38% of 828.931 m ³					273.547 m ³
					256.968 m ³
(b) For Lead up to 1000m					
67% of 828.931 m ³					555.383 m ³
16/ Reinforced Cement Concrete					
Misgrade Kh Stone					
(a) Ordinary Kh Stone					= 2 Nos
(b) 200m Stone					= 5 Nos
17/ Providing and fixing M/M					
Information Sign board					
Maintenance information board					= 2 Nos
18/ Reinforced Cement Concrete					

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
M/S. side boundary pillar					= 48 Nos
19/ Traffic sign providing and fixing on the road side					
(a) Equilateral triangle					= 16 Nos
(b) 800mm x 600mm Rectangle					= 0 Nos
(c) 600mm x 150mm Rectangle					= 8 Nos
20/ Planting of Tree by the Road side					= 92 Nos
Shutty 24/10/20					
Abstract of Cost					29/10/20
1/ Providing and fixing working benchmark pillar					
Qty. vide item no 1 P(1)					= 1 No
@ Rs 4141.25					= Rs 4141.00
2 Reference pillar					
Qty. vide item no 2 P(1)					= 5 Nos
@ Rs 1875.23					= Rs 9379.65
2/2 Clearing and grubbing road land					
Qty. vide item no 2 P(1)					= 0.63 Hk
Qty. vide item no 4 P(2)					= 0.21 Hk
					0.84 Hk
@ Rs 49239.47					= Rs 41781.00
3/23 E/W in excavation for foundation					

Continuation

553024

Sch. XLV—Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L	S	D
Qty. wide inter hole 1 P(16)				
				$= 175.75 \text{ m}^2$
Q. 285.71/m ²				$= \text{Rs } 51552.00$
4/29 Providing 400 grade concrete				
concrete				
Qty. wide inter hole 1 P(16)				
				$= 27.57 \text{ m}^2$
Q. 4955.83/m ²				$= \text{Rs } 136715.00$
5/ Providing concrete in				
substructure				
Qty. wide inter hole 5 P(16) =				149.50 m^2
Qty. wide inter hole 13 P(27) =				2.95 m^2
				202.45 m^2
Q. 1185.867/m ²				$= \text{Rs } 239809.00$
6/26 Providing and laying RCC N/S				
1000 mm dia. floor pipe				
Qty. wide inter hole 1 P(16)				
				$= 45.00 \text{ m}^2$
Q. 154413.42/m ²				$= \text{Rs } 108604.00$
7/6 Cost of embankment with approved				
material with lead up to 100m				
Qty. wide inter hole 5 P(16) =				324.87 m^2
Qty. wide inter hole 15 P(27) =				273.54 m^2
				598.41 m^2
Q. 1587.23				$= \text{Rs } 112043.00$
8/5 Cost of embankment with				
Lead up to 100m				
Qty. wide inter hole 7 P(13) =				758.04 m^2

Continuation

1743555 =

Sch. XV Form No. 104

Particulars	Quantity of actual measurement				Contents of area
	No.	L	B	D	
Qty vide item no 15a) P13					555.35m ³
					1303.42m ³
@ B 132.56					= B 1722.109.00
9/9 Const of Subgrade and surface					
Shoulder					
Qty vide item no 17(3)					= 1302.63m ³
Qty vide item no 17(1) P13					= 766.87m ³
Qty vide item no 17(1) P14					= 751.04m ³
Qty vide item no 17(1) P15					= 22.50m ³
Qty vide item no 17(1) P17					= 353.10m ³
					2933.19m ³
@ B 185.11/m ²					= B 5422.023.00
10/10 Providing and fixing M1765					

Lego Curb and Board					
Qty vide item no 17(3) P13					= 2 Nos
Qty vide item no 17(3) P19					= 2 Nos
					4 Nos
@ B 9923.17					= B 39613.00
11/3 Excavation for road way					
Box cutting					
Qty vide item no 17(1) P16					= 4.55m ³
@ B 82.01/m ²					= B 379.00
12/8 Const of G.R.B					
Qty vide item no 17(1) P18					= 257.415m ³
Qty vide item no 17(1) P16					= 69.05m ³
					826.463m ³
@ B 1955.27					= B 1615.262.00

Continuation

4122659/ =

Particulars	Details of actual measurement				Contents of area
	No.	L	B	H	
13/28 providing and laying 300mm duct pipe					
Qty wide item no 1/ P/14 = 80 m ³					
@ Rs 1021.90/m ³					= Rs 81770.00
14/9 providing layer and compact					
WB 1600 mm					
Qty wide item no 2/ P/15/					
					= 382.35 m ³
Qty wide item no 1/ P/16 = 20.5 m ³					
@ 2921.91					35286.11 / 2921.91 = 12.08
15/13 Cost of unreinforced					
Joint Cement Concrete pavement					
Qty wide item no 2/ P/17 = 29.07 m ³					
@ Rs 610.92/m ³					= Rs 17759.65
16/19 Laying of Brick Coning					
Qty wide item no 1/ P/25 = 77.00 m ³					
@ Rs 525.75/m ³					= Rs 40483.00
17/21 Road Marking with hot					
applied on concrete surface					
Qty wide item no 1/ P/24					
					= 70.00 m ²
@ Rs 953.99					= Rs 66779.00
18/20 Road marking with hot					
applied on Bt. surface					
Qty wide item no 1/ P/27 = 187.00 m ²					
@ Rs 850.93					= Rs 159571.00
19/10 P/A Prime coat with SS 2					
Qty wide item no 8/ P/26					

Continuation

6768134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					= 3519.50 m ²
@ B 54.50/m ²					= Rs 191704.00
20/11 P/A Tack coat with Bitumen emulsion RS 1					
Qty. vide item no (9) P 26/					= 3517.50 m ²
@ B 18.29/m ²					= Rs 64335.00
21/12 providing, laying bedded graded premix surface					
Qty vide item no (10) P 26/					= 3517.50 m ²
@ B 217.18/m ²					= Rs 763931.00
22/27 Painting on parapet wall					
Qty. vide item no (14) P 27/					= 123.84 m ²
@ B 108.98					= Rs 13496.00
23/15 Reinforced Cement Concrete					
M/S grade					
(a) ordinary Km Stone					
Qty. vide item 16 (a) P 29/ = 2 Nos					
@ B 2120.93					= Rs 4242.00
(b) 200 mm Stone					
Qty vide item 16 (b) P 29/ = 5 Nos					
@ B 625.68					= Rs 3128.00
24/8 Reinforced Cement Concrete					
Guard Stone boundary pillar					
Qty vide item no (18) P 30/					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				= 48 Nos	
@ Rs. 518.95				= Rs	24909.00
25/19 Retro reflected traffic sign					
(a) 600mm Equilateral triangle					
Qty. vide item 19(1) P(33) = 16 Nos					
@ Rs. 3979.83				= Rs	63677.00
(b) 600mm x 450mm Rectangular					
Qty. vide item no 19(1) P(34)					
				= 8 Nos	
@ Rs. 5269.90				= Rs	42159.00
26/22 planting of trees					
Qty. vide item no (20) P(30)					
				= 92 Nos	
@ Rs. 749.73				= Rs	68975.00
					Rs 69,76,338.00
					Rs 82,08,747.00
					8608690.00
Less 10% of Rs Agreement				(1) Rs 8,00,875.00	
					8608890.00
					Rs 72,07,872.00
Less previous payment					72,07,872.00
					(1) Rs 42,07,025.00
Checks					Rs 30,00,847.00
29-10-2020					
J.E.					30,00,796.00
					29/10/20
Royalty Limit as per Allotment - 204891					
Material statement					
Earth - 22.50 + 3.53.10 + 828.931 =					1204.531 m ³
S/Curbs - 58.002 + 9497				X 33 =	39750
					= 152.972 m ³
C/Sand -				= 22946	X 150
					= 24.86 m ³
S/Metal -				1865 =	X 75
					= 26.197 m ³
S/Screening				3930 =	X 150
				780 =	5.20 m ³
					= X 150
					692711 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
Bitumen emulsion S.S. 1					= 2.92/17
Bitumen emulsion R.S. 1					= 0.92/17
Bitumen S-90					= 6.683/17
<u>Subt</u>					
29-102					
S. fee					
1. Earth — $1204.531 \times 3.30 =$					3975/-
2. S/chips — $152.972 \times 62 =$					9484
3. S/sand — $24.86 \times 24 =$					597
4. S/metal — $26.197 \times 62 =$					1624
5. S/screening — $5.20 \times 40 =$					208
					<u>15888/-</u>
3rd AC Bill					204891/-

Memo of Payment

① Royalty	5122/-	64271/-
② S. fee	5122/-	15888/-
③ T.T 2%	—	4100/-
④ C.b.S.T 1%	—	2049/-
⑤ S.b.S.T 1%	—	2049/-
⑥ S.D 5%	—	10245/-
⑦ P.S.D 3%	—	6147/-
⑧ L/C 1%	—	2049/-
		<u>36883/-</u>
⑨ By cheque	—	168008/-
		<u>204891/-</u>
passed for PS	204891/-	Two lakh
four thousand eight hundred and		
one) only		

Continuation

Executive Engineer
R.W.D. Works Division
Daudnagar (A) part

SV
19/12/20