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Handka Tola to Houtang Surodika

Schedule XLV-Form No. 134

MMSY SENT

Baah-i DIVISION

Thakka SUB-DIVISION

WFSURFMENT BOOK

WFSURFMENT BOOK

6th and 7th and 8th S.W

Sch. XLV-Form No. 34

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work: Const of road from					
Newer side to Newton Gurukulys					
Agency: May Raj Meenad, West					
Chempala					
Agreement No. 34 SDD/2019-20					
Date of schedule Commence: 30-01-2020					
Date of schedule Completion: 30-01-2021					
Date of Actual Completion: 20/09/2021					
Record measurement					
1. providing and applying					
Primer coat (SS-1)					
	52	30.00	3.75		5850.00
	2	22.30	$\frac{4.85+3.75}{2}$		
			-3.75		26.76
	7	16.00	$\frac{3.55+4.6}{2}$		
			-3.75		31.73
			Total		5908.49
Phys. by					
15/09/22					
TE					
Record measurement					
1. providing and applying					
coat with primer emulsion (1:1)					
	52	30.00	3.75		5850.00
	2	22.30	$\frac{4.85+3.75}{2}$		
			-3.75		26.76

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	7x16	$\times \left(\frac{3.75 + 9.64 + 3.71}{2} \right)$			
				$= 3.71$	31.73 m
			Total		5908.49 m
2 providing and laying					
paving surface					
	52x30	$\times 3.75$			5850.00 m
	2x22.30	$\times \left(\frac{4.85 + 3.71}{2} \right)$			26.76 m
	7x16	$\times \left(\frac{3.75 + 4.84 + 3.71}{2} \right)$			31.73 m
			Total		5908.49 m
Reported by					
16/09/12					
Revised measure					
1 Construction of upgrade					
and earthen shoulder					
	2x52x30	$\times 1.49 \times 0.22$			929.76 m ³
	2x52x30	$\times 1.295 \times 0.071$			303.03 m ³
	2x6x30	$\times 1.50 \times 0.175$			94.50 m ³
			Total		1327.29 m ³
2 Bridge over road					
Step 1					
	2x6x30	$\times 0.275$			135.00 m
Step 2					
	2x1x20	$\times 0.375$			15.00 m
	2x1x9	$\times 2.00 \times 0.34$			75.60 m ³
			Total		1520.00 m
					75.60 m ³
Reported by					
19/09/12					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Rewind measure</u>					
1 Prov. of fixing ordinary					
Kilometer post					2 ms
2 Prov. of fixing iron stone post					7 ms
3 Prov. of fixing boundary pillar					32 ms
4 Paving two coats					
	2 X	4 X 6. w	1.50		89.28 w
5 Prov. of affixing water seal					
Cement bands					
	2 X	6 X 20. w	X 0.10		36.00 w
	2 X	1 X 20. w	X 0.10 w		4.00 w
			Total		40.00 w
6 Prov. road marking					
	2 X	58 X 30. w	X 0.1 w		348.00 w
	2 X	1 X 20. w	X 0.1 w		4.00 w
			Total		352.00 w
7 Prov. of fixing manken. seal					2 ms
8 Prov. of fixing regulated fixing					16 ms
9 Prov. of fixing rectangular bar					2 ms
10 Prov. of fixing octagonal bar					2 ms
11 Prov. of setting H.P.					
	6 X	3 X 2.50			45.00 w
12 Planting of tree					156 ms
13 Prov. of laying ball after					
	4 X	2 X 9. w	3. w X 0.35		75.60 w

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Earth work quantity sheet</u>					
CH	Area m ²		Mean Area m ²		Volume m ³
0	4.867		-		-
50	5.769		5.368		268.400
100	6.127		5.548		287.40
125	0.00		3.064		75.588
127	0.000		0.00		0.00
150	7.866		3.883		81.609
200	6.910		7.438		371.900
250	4.872		5.891		294.530
300	4.735		4.804		240.175
350	5.668		5.202		260.075
400	6.108		5.888		294.400
450	6.358		6.233		311.650
500	4.066		5.212		260.600
550	5.999		5.033		251.825
600	3.744		4.872		243.525
650	4.862		4.303		215.150
700	4.504		4.683		234.110
750	4.617		4.581		228.025
800	3.826		4.222		211.075
840	0.00		1.913		76.520
842	0.00		0.00		0.00
850	3.917		1.959		15.668
900	3.739		3.828		191.400

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
950	4.732		4.236		211.775
980	0.00		2.366		90.98
982	0.00		0.00		0.00
1000	5.350		2.675		48.150
1050	6.739		6.045		302.125
1100	5.285		6.012		300.60
1150	5.926		5.606		280.275
1200	5.870		4.898		244.900
1250	7.653		5.762		288.075
1300	7.182		7.418		320.875
1350	5.057		8.120		405.875
1400	9.309		9.183		419.150
1428	0.00		4.655		130.326
1430	0.00		0.00		0.00
1450	4.202		2.101		42.020
1500	7.041		5.622		281.075
1550	7.316		7.179		358.945
1600	6.060		6.688		334.400
1650	5.515		5.788		289.375
1700	7.573		6.514		328.700
1750	7.753		7.673		381.650
1768			Total	2	9560.980
Debit					
	WDM Gr-10				497.70 m ²
	Gins Gr-1				1322.124

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Sus grade					26 5061.93 m ²
Rigid pavement					121.20 m ²
Soft					18.00 m ²
Total quantity in earth work					2530.01 m ²
Construction of embankment					
up to 1000 (30% of total)					759.01 m ²
Construction of embankment					
-- lead up to 1000 (70% of total)					1771.03 m ²
Material taken					
1. Earth work					1498.92 m ² (23.78/m)
2. SS-1					5.022 MT (38902 m ² /MT)
3. RS-1					1.625 MT (26828.24 m ² /MT)
4. S-90					10.328 MT (31559.32 m ² /MT)
5. Stone aggregate					159.53 m ² (470.04/m)
6. Boulder Stone					75.60 m ² (303.01/m)
7. Waste Plastic					898 kg
					0.90 m ² (53510/m ²)
Material taken					
Waste Plastic					
Emulsion Road					102/2020-21
SS-1					7.6 MT
RS-1					9.0 m ²
renewed by					20222283067425
Continuation					- 13.772 m ²

Abstract of Cost of Road work
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/ Const of working Bm side Tms					
By 18 = 1.76 km @ Rs.					
13114.285/km				Rs	23082.00
2/ Const of R. pillar side Tms					
By 18 = 1.76 km @ Rs.					
15343 = 18/km				Rs.	27004.00
3/ Clearing & grading of road					
side Tms By 18 = 0.53 km					
@ Rs 49496 = 70/km				Rs	26233.00
4/ Const of embankment - land up to 100 m wide Tms By 27					
258.01 m ² @ Rs 174283/m ²				Rs	132698.00
5/ Const of subgrade formation					
Shoulder side Tms By 18 + 23					
= 3734.64 + 1327.29 m ² Total					
5061.93 m ² @ Rs 176 = 47/m ²				Rs	89327.00
6/ Const. of embankment - land up to 100 m wide Tms By 27					
1771.03 m ² @ Rs 58 = 59/m ²				Rs	103765.00
7/ Laying brick side Tms By					
Rs 20 = 150.00 m ² @ Rs 47122/m ²				Rs	70691.00
8/ Const of G.I.P side Tms By					
Rs = 1332.12 m ³ @ Rs 4385 = 55/m ³				Rs	584732.00
9/ Prov. laying, spraying with Gr. Rd					
side Tms By 20 = 497.70 m ² @					

Continuation

Total Rs 7124079.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Ra 5410 = 57/m					Ra 2692841
$\frac{10}{11}$ Prov. & applying prime coat					
vide TMD pgs 22 = 5908.89 m ²					
@ Ra 42 = 34/m					Ra 250165
$\frac{11}{12}$ Prov. & applying prime coat					
vide TMD pgs 23 = 5908.45 m ²					
@ Ra 14 = 33/m					Ra 84669
$\frac{12}{13}$ Prov. laying of premix surfacing					
vide TMD pgs 23 = 5908.45 m ²					
@ Ra 240 = 45/m					Ra 1420696
$\frac{13}{14}$ Const. of unreinforced PCC					
vide TMD pgs 20 = 121.20 m ²					
@ Ra 9263 = 11/m ²					Ra 1122689
$\frac{14}{15}$ Prov. & fixing ordinary asbestos					
vide TMD pgs 24 = 2 m. @ Ra					
2976 = 64/Ea					Ra 5913
$\frac{15}{16}$ Prov. & fixing 2mm sheet					
vide TMD pgs 24 = 7 m. @ Ra					
737 = 357/Ea					Ra 5761
$\frac{16}{17}$ Prov. boundary filler with					
TMD pgs 24 = 32 m. @ Ra					
558.83/Ea					Ra 17873
$\frac{17}{18}$ painting two coats with					
TMD pgs 24 = 89.8 m. @ Ra					
96 = 40/m ²					Ra 8607

Continuation

Total Ra 12732733

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
18 20 Prov. and affixing water line					
Contract part vide TMD pgs					
24 = 40. m @ Rs 90-20/ft				Rs	3612 20
19 21 Prov. & laying road marking					
vide TMD pgs 24 = 352 m					
@ Rs 725 = 40/ft				Rs	258861 =
20 23 Prov. & fixing mm grey sign					
board vide TMD pgs 20 =					
2 m @ Rs 11926 = 33/ft				Rs	23873 =
21 24 Prov. & fixing maintenance board					
vide TMD pgs 24 = 2 m @					
Rs 11926 = 33/ft				Rs	23873 =
22 25 Prov. triangle board vide					
TMD pgs 24 = 16 m @ Rs					
3939 = 28/ft				Rs	63029 =
23 27 Prov. & fixing rectangular sign					
vide TMD pgs 24 = 2 m @					
Rs 4550 = 24/ft				Rs	9100 =
24 28 Prov. & fixing octagonal					
board vide TMD pgs 24 = 2 m @					
@ Rs 8500 = 209/ft				Rs	17014 =
25 29 Prov. & laying 300 mm dia top					
vide TMD pgs 24 = 45 m @ Rs					
962 = 30/ft				Rs	43304 =

Continuation

8/1/62 1,31,74,398-5

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{26}{30}$ Planting of tree with TMD by No. 24 = 156 nos @ Rs 800.00/ea Rs 124800 ~					
$\frac{27}{31}$ Earth work with TMD by 19 = 98.4 m ² @ Rs 260.55/m ² Rs 25642 ~					
$\frac{28}{32}$ Sand filling with TMD by No. 19 = 12.60 m ³ @ Rs 397.234/m ³ Rs 3878 ~					
$\frac{29}{34}$ Puccin mixture with TMD by 19 = 14.40 m ³ @ Rs 7908.54/m ³ Rs 113888 ~					
$\frac{30}{39}$ Puccin RCC mix in box cell with TMD by 18 = 90.84 m ³ @ Rs 9710.84/m ³ Rs 882130 ~					
$\frac{31}{40}$ Back filling with TMD by No. 19 = 57.60 m ³ @ Rs 4250.70/m ³ Rs 244840 ~					
$\frac{32}{41}$ Puccin. work hole with TMD No. 28 = 80 nos @ Rs 83.39/ea Rs 6671 ~					
$\frac{33}{42}$ Puccin. A layer boulder of the work TMD by 24 = 75.60 m ² @ Rs 5332.16/m ² Rs 403111 ~					
$\frac{34}{44}$ Supplying, fitting and placing HYSD bar with TMD by 79 = 6.44 MT @ Rs 54067.01/MT Rs 348192 ~					

Continuation

(Total Rs 1,53,28,598 ~)

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/H	R	1,532,8598 ~
Add 12% G.M			R		183,9432 ~
Add 1% L-en			R		153,286 ~
			Total	R	1,73,21,316 ~
less previous paid from			R		1,18,92,200 ~
					139,43,707 ~
			Total	R	33,77,609 ~
<u>Accepted</u> <u>20/09/22</u> <u>72</u>					
Bitumen Station					
	Qty Received (MT)	Qty Consumed (MT)	Balance (MT)		
SS-1 Invoice no (102/2020-21)	7.60	5.022	2.578		
RS-1 Invoice no (102/2020-21)	3.00	1.625	1.375		
SS-1 Invoice no 2022232B06 7425	13.772	10.328	3.444		
<u>Accepted</u> <u>29/9/22</u> <u>~</u>					

Continuation