

MMESP, T03 to mandacch (Chapradah

(Kumar Gali)

109, below

Schedule XLV-Form No. 134

Ag No. 448BD/19-20

Ag. Value - 59.12293.2.

Rev. Mr. Shenghary DIVISION

Area SUB-DIVISION

Agency - Mrs. Mrs. Shanti Govt.

Measurement Book

1154

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>3rd & final Bill</u>					
Name of the work: Cast of Road of c/d Dabara					
From TO 3 to Manselak.					
(Chapradat Kumbhatali) under					
MMSY scheme.					
Agency: M/S Mani Sankar Cast.					
Agreement No: 77/SSD/2019-20					
dt of Comm: 05-02-2020					
dt of Comp: 04-11-2020					
dt of emp: 30-11-2019, 01-12-2019, 03-12-2019					

dt of Acct Comp: 10-12-2019

update present as below:

Item 16 (B) Construction of Granular Subbase
by providing well graded ----
deduct qty due to sand dist. (H.W.)

0 to 37.60 m

1x1	30.0	4.05	0.20	= 24.30 Cum
1x1	7.60	4.05	0.20	= 6.15 "
Total = 30.45 Cum				
(+) 30.45 Cum				

Now updated off side this is 8/m (12) (13)

$$= 644.05 - 30.45 \text{ Cum} = 613.60 \text{ Cum}$$

$$\text{Total} = 613.60 \text{ Cum}$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
item No 20) Priming & Spraying & Compacting stone masonry					
deduct of due to land disturbed					
0 to 37.60m					
	1x1	30.0	3.75	0.075	= 18.430m
	1x1	7.60	3.75	0.075	= 12.13 "
					7042 (-) 10.56 cum
Now updated of vide the M.R.					
Page 16 (14) 145					
= 248.77 (-) 10.56 cum = 238.21m					
					TAB = 238.21m
item No 21) Priming and Applying Primer Coat with Bitumen Emulsion (SS-1)...					
37.60 to 120.0m					
	2x1	30.0	3.75	—	= 225.052m
	1x1	22.40	3.75	—	= 84.0 "
120.0 to 150.0	1x1	30.0x	3.75 + 4.60	3.75	
				3	= 120.99 "
150.0 to 590	10x1	30.0	3.75	—	= 1125.0 "
	4x1	30.0	3.75	—	= 450.0 "
	1x1	20.0	3.75	—	= 75.0 "
590.0 to 620.0	1x1	30.0	3.75 + 5.40	3.75	= 129.0 "

Continuation

Total 6.0 = 2208.99

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F =	2208.99 sqm
620.0 to 650.0	1x1	30.0	3.25	—	= 112.50 "
650.0 to 675.0	1x1	25.0	3.25 + 6.10 + 3.25		
			3		= 113.33 "
675.0 to 705.0	1x1	30.0	3.25	—	= 112.50 "
705.0					
3				Total =	2547.32
					sqm

30.11.2020
JE

Read from the					
item 16(22)	Provide & Apply Tracert				
with	Postmen Emulsion - - -				
	Area taken vide this M.B				
	Page No (23) & (24)			=	2547.32
					sqm
				Total =	2547.32 sqm
item 16(23)	Provide & Apply Rally of close				
	graded Premix Carpet - - -				
	Area taken vide this				
	M.B Page No (24)			=	2547.32 sqm
				Total =	2547.32 sqm

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
item 15 (13) Reinforced Cement Concrete					
grade K.M. stone - - -					
(ii) ordinary K.M. stone					
1 x 2 No's					2 No's
					Tot = 2 No's
(iii) 200mm stone					
1 x 3 No's					3 No's
					Tot = 3 No's

item 16 (14) Reinforced Cement Concrete					
M.S. grade brick pillars - - -					
1 x 19 No's					19 No's
					Tot = 19 No's

item 17 (15) Provision & supply of H.P.S.C.C.					
Masonry & supply signed - - -					
1 x 3 No's					3 No's
					Tot = 3 No's

item 18 (16) Provision & supply of Reinforced					
Concrete masonry & supply signed					
(21) 600 mm Corbel					
1 x 4 No's					4 No's

Continuation

Tot = 4 No's

H-14(17) Primary Two Cuts & chd by American
 In profile $3 \times 4 \times 6.0 \times 0.60 = 43.20 \text{ sqm}$
 Total $3 \times 2 \times 6.0 \times 0.40 = 14.40$
 $3 \times 4 \times 0.40 \times 0.60 = 2.88$
 Sch. XLV-Form No. 134 Total = 60.48 sqm

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
item 16(1) <u>600mm equivalent Pongle</u>					
	1x	8 No's			= 8 No's
					Total = 8 No's
item 16(2) <u>600mm x 450mm Rectangular</u>					
	1x	4 No's			= 4 No's
					Total = 4 No's
item 16(3) <u>900mm side octagonal</u>					
	1x	2 No's			= 2 No's
					Total = 2 No's

item 16(18) Construction of granular sub-base
providing well graded - - -

~~at~~ from 855.0 to 870.0m (M.P.C.C. path)

1x1	15.0	4.05	0.10	= 6.07 cum
				Total = 6.07 cum

item 16(19) Primary & by up sandy w/ky gravel
Ch. 855.0 to 870.0m (M.P.C.C. path)

1x1	15.0	3.75	0.075	= 4.21 cum
				Total = 4.21 cum

C. Paul
 05/11/2020
 S.E.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item No (25) Cost of unburnt cement Concrete - - -					
Ch. 85.0 to 870.0 m	1x1	15.0	3.75	0.16	= 9.0 cm
				total	= 9.0 cm
Item No (26)					
Item No (27)					
Item No (7) Road Marking with bit Applied Thermoplastic Compound - - -					
From 37.60 to 705.0 (on B.T. side)					
Both side - 2x10	30.0	0.10	-	=	60.0 sqm
2x1	30.0	0.10	-	=	6.0 "
2x1	7.40	0.10	-	=	1.48 "
Zebra Crossing 2x1	3.10	0.10	-	=	0.62 "
4x1	1.50	0.10	-	=	0.60 "
				total	= 128.70 sqm
Item No (8) Priming & Layer of hot Applied Thermoplastic Compound - - -					
705.0 to 870.0					
5x2	30.0	0.10	-	=	30.0 sqm
1x2	15.0	0.10	-	=	3.0 "
				total	= 33.0 sqm
Item No (1) Cost of Bench Mark & Reference pillars - - - (continued)					
(a) 6mm B. of 1x 0.870 Km				=	0.876 Km
(b) 12mm pillars/pipes				total	= 0.876 Km
1x 0.870 Km				=	0.876 Km
				total	= 0.876 Km

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Material Haulout (Labbale)					
(i) Earth: —			4324.0 Cum		
(ii) STONE METAL: —			849.0 Cum		
(iii) STONE CHIPS: —			242.0 Cum		
(iv) Sand: —			122.0 Cum		
(v) STONE SCREE/KM: —			59.0 M.T		
(vi) Bitumen Emulsion: —			2.165 M.T		
(vii) Bitumen Emulsion: —			0.70 M.T		
Vide Invoice No 1P/BR/TIP/0-21-290 dt 26-11-2020					
Qty SS-1 →			2.60 M.T.		RS-1-7 M.T
(vii) Bitumen Emulsion: —			4.84 M.T		
Vide Invoice No BM 5520/38950 dt 25-11-2020					
Invoice No BM 5520/39612 dt 26-11-2020					

ABSTRACT OF COST

Item No (1) Cost of Bench Mark & Reference

Pillars ---

(i) Cost of Reference & Bench Mark

Qty vide this M.B. No (2)

0.846 Km @ Rs 7559.09/Km — Rs 6395=

(ii) Cost of Reference pillars

Qty vide this M.B. No (2)

0.846 Km @ Rs 4777.60/Km — Rs 4042=

Item No (2) Clay & Gravelly of Road

Qty vide this M.B. No (2)

0.68 Mc @ Rs 49174.86/Mc — Rs 33439=

Continuation

C.O. Rs 43876=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					bf = 43876 =
it-16(4) Construction of Embankment					
With Approved Method -- width 100m					
Divide the H.B. into 28					
210.039 Cum @ Rs 194.12/Cum					Rs 99009 =
it-16(5) Contn of Embankment with					
Approved Method -- width 100m					
Divide the H.B. into 28					
1190.091 Cum @ Rs 184.74/Cum					Rs 219857 =
it-16(6) Cont of Subgraded earth.					
Shoulder With Approved Method...					
Divide the H.B. into 17					
2818.52 Cum @ Rs 2623.11/Cum					
@ Rs 196 = 0/Cum					Rs 514130 =
it-16(7) Construction of Gravel Sub base					
by properly well graded materials...					
644.05 Cum Divide the H.B. into 22					
613.60					
6.07 Cum					26
619.67 Cum @ Rs 2018.46/Cum					Rs 1250779 =

Continuation

C.O/Rs 212765/200

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F. R	212765/-
item 16 (8) Bricky drying sprady & Coropachy Stone Mch/cur III :-					
238.21 Cu Qy vide this H.B. p. 16 (23)					
238.21 Cu @ Rs 3156.98/Cu					
4.21 Cu — do — (26)					
242.42 Cu @ Rs 3156.98/Cu — Rs 765315					= 0
item 16 (9) Bricky & sprady Bricks Cont with Postmen Enslm 1051 :-					
Qy vide this H.B. p. 16 (23) & (24)					
2547.32 SQM @ Rs 55.11/SQM — Rs 140383 = 0					
item 16 (10) Bricky & sprady Applying Tack coat with Postmen Enslm					
Rs - - -					
Qy vide this H.B. p. 16 (24)					
2547.32 SQM @ Rs 18.71/SQM — Rs 47660 = 0					
item 16 (11) Bricky & sprady drying & Rolly of close graded premix :-					
Qy vide this H.B. p. 16 (24)					
2547.32 SQM @ Rs 212.58/SQM — Rs 541509 = 0					

Continuation

C.O. Rs 3622518 = 0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F. = Rs 3622518 =
1.16(12) Construction of underpass					
Cement Concr - - -					
101.16 cum Qty vide this M.B. No. 16(18)					
9.0 Cum - - -					(27)
110.16 cum @ Rs 7012.59/cum - Rs 772507 =					
1.16(13) R.C.C M.S grade K.Y. Stn					
(19) ordng R.M. Stn - - -					
Qty vide this M.B. No. 16(15)					
2 No's @ Rs 2228.07/each - Rs 4456 =					

15) 200m Stn					
Qty vide this M.B. No. 16(25)					
3 No's @ Rs 632.63/each - Rs 1898 =					
1.16(16) R.C.C M.S grade body					
Billings/Load Stn - - -					
Qty vide this M.B. No. 16(25)					
1916's @ Rs 520.16/each - Rs 9883 =					
1.16(17) Paving Two Cuts including					
Drain Cut After filling - - -					
Qty vide this M.B. No. 16(26)					
60.48 sqm @ Rs 111.18/sqm - Rs 6724 =					

Continuation

C.O.Rs 44,17,986 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F = R	4713986=
Item 119) Boundary & fixing of 4th road					
1st 1/2 way 1st half 800m land - - -					
Qty vide this M.B. pr. 15 (25)					
3 N's @ R 11493.84/N's					R 34482=
Item 120) Boundary & fixing of Retro.					
Reflectorized Conkr. Manday - - -					
21) 600mm Circular					
Qty vide this M.B. pr. 15 (25) & (26)					
4 N's @ R 5425.10/N's					R 21700=
22) 600mm Equilateral Triangle					
Qty vide this M.B. pr. 15 (26)					
8 N's @ R 3928.72/N's					R 31430=
23) 600 x 450mm Rectangular					
Qty vide this M.B. pr. 15 (25) & (26)					
4 N's @ R 4628.91/N's					R 18496=
24) 900mm Side Octagon					
Qty vide this M.B. pr. 15 (26)					
2 N's @ R 9129.72/cmh					R 18259=

Continuation

C.O. R 4542353

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F. Rs 45,423.13
1.16(45) primary lining of hot applied thermoplastic Compound - - -					
Qty vide the M.B. No (22)					
128.70 SQm @ Rs 851 = w/sq - Rs 109524					
1.16(46) primary lining of hot applied Thermoplastic Compound - M.P.C.C.					
Qty vide the M.B. No (23)					
33.05 SQm @ 868 = w/sq - Rs 28644 =					
1.16(27) Earth in excavations -					
Qty vide the M.B. No (19)					
134.16 Cum @ Rs 120.21 Cum					
@ Rs 285.71/Cum - Rs 37345 =					
1.16(28) primary concrete for plain/reinforced concrete in open foundation - P.C.C.H.					
Qty vide the M.B. No (19)					
10.58 Cum @ Rs 9.40 Cum @ Rs 5117.72/Cum - Rs 1107 =					
1.16(29) primary concrete for plain/reinforced concrete in open foundation P.C.C.H.					
Qty vide the M.B. No (19)					
68.05 Cum @ Rs 58.240 Cum @ 501.12/Cum - Rs 291848					

Continuation

C.O-500778/240

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Bf = Rs 5007.78/-
Itm (32) Priming Coat for plan/Perimeter					
Coat in open finish - P.C.M.					
Qty vide this M.B. No (17)					
52.83 Cum @ 16 42.52/Rm @ Rs 5221.69					
					Rs 2222.87/-
Itm (33) Priming & Layer Reinforcement					
Cement concrete N.P. for Column - -					
Qty/ 1000 c.c.					
Qty vide this M.B. No (17)					
30.00 Cum @ 16 22.50/Rm @ Rs 4473.61/Rm Rs 10065.6					
Itm (36) Layer Cement Concrete pipe N.P. - -					
- 300 c.c.					
Qty vide this M.B. No (18)					
40.00 Cum @ Rs 900.00/Rm - Rs 36,000/-					
Itm (37) Layer first class bedding					
Well Compacted Soil - -					
Qty vide this M.B. No (19)					
19.47 Cum @ 16 17.10 Cum @ Rs 628.83/Rm Rs 10753/-					
Itm (38) Filling in finish. Trunks - -					
Qty vide this M.B. No (20)					
52.93 Cum @ 16 27.02 Cum @ Rs 628.83/Rm Rs 16991/-					

Continuation

C.O.Rs 53941.68/-

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	D.
				B.F. = Rs 5394468 = ∞
				Total = Rs 5394468 = ∞
				ded. 10% by pr aggmt (-) 539447 = ∞
				Rs 4855021 = ∞
				ded. proring bygt (-) 3386416 = ∞
				Rs 14.62.605 = ∞

Chd
10-12-2020
JE

Note: work has been completed as per
Specification & drawings of E/I & as per
Site Condition.

Chd
10-12-2020
JE

Continuation