

M/S Balajee

Agency - M/S Balajee Construction
Ag No. 35 (SBD) / 2020-21

Sondubi - Khilaf pmsy Road to Adivasitole Road
Schedule XLV-Form No. 134

Head - Pmsy (ST)

R. w. D (w) Jammi

DIVISION

Laxmi prasad

SUB-DIVISION

MEASUREMENT BOOK

2724

MB No. 2724

3rd on a/c bill

Name of work: Construction of rd.
from Sondipikhetar PMSY
road to Adiwale Tola
under MMSY

Block: Laxmepur.

Agency: M/s Balajee Const.

Agreement no. 35(SBD)/2020-21

Dt. of start: 13-8-2020

Dt. of completion: 12-8-2021

Dt. of measurement: 31-5-2021

(1/8) Construction of Area 8

$$6 \times 30.0 \times (4.42 + 3.75 - 3.75) \times 0.2 = 12.06 \text{ m}^3$$

(2/13) Construction of Area 13

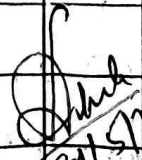
$$1 \times 20.0 \times (5.63 + 3.75 - 3.75) \times 0.1 = 1.88 \text{ m}^3$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3/9) Boundary work - g.s. - (2)					
					$6 \times 30 \times \left(\frac{4.35 + 3.75}{2} - 3.75 \right) \times 0.075 = 4.05$
					$1 \times 20 \times \left(\frac{5.63 + 3.75}{2} - 3.75 \right) \times 0.075 = 1.41$
					5.46 m ²
(4/14) Concrete of P.C.C. - m. 30					
in rd. Pavement					
					$1 \times 20 \times \left(\frac{5.63 + 3.75}{2} - 3.75 \right) \times 0.16 = 3.01$
					Length = 3.00 m ³
(5/10) Prime coat (SS ₁) : Providing					
2 applying prime coat					
with bitumen Emulsion.					
					$1 \times 20 \times 30.0 \times 3.75 = 2250.0$
					$1 \times 30 \times 30.0 \times 3.75 = 3375.0$
in curve/shoulder					$6 \times 30 \times \left(\frac{4.35 + 3.75}{2} - 3.75 \right) = 54.0$
					5679.00 m ²
(6/11) Tack coat (R ₂) : Providing 2					
applying tack coat					
with bitumen Emulsion					
					$1 \times 20 \times 30 \times 3.75 = 2250.0$
					$1 \times 30 \times 30 \times 3.75 = 3375.0$
Curve/shoulder					$6 \times 30 \times \left(\frac{4.35 + 3.75}{2} - 3.75 \right) = 54.0$
					5679.00 m ²
(7/12) M.S.S. (S ₉₀) : Providing 2 applying					
2 rolling close graded					
prime Surface					
					$1 \times 20 \times 30 \times 3.75 = 2250.0$
					$1 \times 30 \times 30 \times 3.75 = 3375.0$
					$6 \times 30 \times \left(\frac{4.35 + 3.75}{2} - 3.75 \right) = 54.0$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8/16) Bonding & laying of 300mm PCC drainage Conduit 11' to - all complete sub.					
		8x3x2.5m			= 60.0 m
(9/18) SIFIP of PCC 11-15 of K.M. Stone post.					
		3 no			= 3.0 no
(10/19) SIFIP of PCC 11-15 of 200mm Stone post.					
		8 no			= 8 no.
(11/21) SIFIP of 600mm square 8 no (11' to 15')					= 8 no
(12/22) SIFIP of 600mm Circular					
		5.0 no			= 5.0 no
(13/23) SIFIP of 800x600mm Rectangular					
		8 no.			= 8 no.
(14/24) SIFIP of 600x450mm Rectangular					
		5.0 no			= 5.0 no.
(15/26) Rd. Marking with hot applied thermo-plastic Paint					
RT Area:		2x20x30.0x0.10		10	= 120.0 m
		2x30x30.0x0.10		10	= 180.0 m
					300.0 m
(16/27) Rd. Marking on CC Area					
		2x16.0x30.0x0.10			= 96.0 m
		2x1x20x0.10			= 4.0 m

100.0 m

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
17 28 SIFIF of boundary Quarri pull of Rec - 11-15 — do — all complete.					
		8.0 no			8.0 no.
18 29 handling & erecting of dimension a place 2x20 reflect board of 0.9 m — do — all complete.					
		8.0 no			8.0 no.
19 35 painting two coats on parapets wall					
		2x 6.15	x 0.40		= 4.92
		4x 6.15	x 0.60		= 14.76
		4x 0.40	x 0.60		= 0.96
					20.64 m ²
20 6+7 Construction of Subgrade & earthen shoulder in flanks — do all complete.					
1/4 BT Portion		2x 20x30x	$\frac{(1+0.7)}{2}$	$x (0.2+0.075)$	= 280.50
"		2x 30x30x	$\frac{(1+0.7)}{2}$	$x (0.2+0.075)$	= 420.75
					701.25
		Levelling			687.0 m ³
 31-5-21 SE					
 31/5/21 RE					

ABSTRACT OF COST (3rd bill)

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) franchising > franchising Bench Mark R/W					
Qty. under TMB Page (12)					
2 KM CB 3056.42 / km = Rs					66,113 =
(2/2) clearing > grubbing rd. Land.					
Qty. under TMB Page (12)					
0.70 hha CB 51 133.76 hha = Rs					35,794 =
(3/4) Const. of embankment.					
Qty. under TMB Page (12)					
1373.38 m ³ CB 175.22 / m ³ = Rs					2,40,644 =
(4/5) Const. of embankment					
Qty. under TMB Page (12)					
591.0 m ³ CB 135.12 / m ³ = Rs					79,856 =
(5/6+7) Const. of embankment & shoulder					
4384.0 Qty. under TMB Page (12)					
687.0 Qty. under TMB Page (18)					
5071.0 m ³ CB 176.86 / m ³ = Rs					8,96,857 =
(6/8) Const. of G.R.B. - 70 i					
1215.06 Qty. under TMB Page (12)					
12.06 Qty. under TMB Page (15)					
1227.06 m ³ CB 1788.35 / m ³ = Rs					2,19,4413 =
(7/9) franchising WBM - 91 i					
562.51 Qty. under TMB Page (12)					
5.46 Qty. under TMB Page (16)					
567.97 m ³ CB 2365.01 / m ³ = Rs					13,43,255 =
(8/13) Const. of G.R.B. - 90 i					
187.50 Qty. under TMB Page (12)					
1.85 Qty. under TMB Page (15)					
189.35 m ³ CB 1788.35 / m ³ = Rs					3,38,624 =

Continuation

Rs 5,19,556 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9/10) Providing & applying Ben coat Qty. under TMB Page (16)					
5679.0 m ² CBs 45.59 / m ² = Rs					2,58,906 = w
(10/11) Providing & applying Tack coat Qty. under TMB Page (16)					
5679.0 m ² CBs 15.49 / m ² = Rs					87,968 = w
(11/12) M.S. Providing & applying M.S. Premix Surfacing Qty. under TMB Page (16)					
5679.0 m ² CBs 212.55 / m ² = Rs					12,07,071 = w
(12/14) Consol. of PCC - M-30 300.00 Qty. under TMB Page (13) 3.00 Qty. under TMB Page (16)					
303.0 m ³ CBs 7183.16 / m ³ = Rs					2,17,649 = w
(13/16) Providing & Laying expansion conduit H.P. of 900 mm Qty. under TMB Page (17)					
60.0 m CBs 1589.08 / m = Rs					95,345 = w
(14/18) SIFIF of PCC - M-15 KM Post. Qty. under TMB Page (17)					
3 no. CBs 2144.81 / each = Rs					6,434 = w
(15/19) SIFIF of PCC - M-15 200m Post. Qty. under TMB Page (17)					
8 no. CBs 609.53 / each = Rs					4,876 = w
(16/21) SIFIF of 600 mm equivalent Qty. under TMB Page (17)					
8 no. CBs 3481.71 / each = Rs					27,854 = w

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17/22) SIFIF boom can culd.					
Qty. under TMB Page (17)					
5.0 no. @ Rs 4707.37 / each = Rs					23,537=
(18/23) SIFIF 800x600mm Rectangular					
Qty. under TMB Page (17)					
8.0 no. @ Rs 6,608.60 / each = Rs					52,869=
(19/24) SIFIF 600x450mm Rectangular					
Qty. under TMB Page (17)					
5 no. @ Rs 4531.91 / each = Rs					22,910=
(20/26) Rd. Marking lat applied					
Qty. under TMB Page (17)					
360.00 @ Rs 735.44 / m ² = Rs					220,632=
(21/27) Rd. Marking lat not applied					
Qty. under TMB Page (17)					
100.00 m ² @ Rs 835.34 / m ² = Rs					83,534=
(22/28) SIFIF 2 Rce Boundary Pello.					
Qty. under TMB Page (18)					
8 no. @ Rs 484.52 / each = Rs					3,876=
(23/29) Boundary & erecting place & direction board					
Qty. under TMB Page (18)					
8 no. @ Rs 11,680.62 / each = Rs					93,445=
(24/30) Boundary & fixing masonry & foundation board					
Qty. under TMB Page (13)					
5 no. @ Rs 93,66.59 / each = Rs					46,833=

Rs 96,08,143=

Continuation