

Agency: Sri Nivash Kumar.

Ag No - 19 (SBD) 2020-21

Malappuram - Barhatt Puzh Road to Koyasa Road.

Head - M M B S X (S)

Measurement Book

Schedule XLV-Form No. 134

R. W P. (W) Jamm

DIVISION

Barhatt.

SUB-DIVISION

MB No - 2726

MB No - 2726.

1st on the Bill

Name of work: Construction of road from Malaypur-Bachat PWD road to Kogha, Block: Bachat under MURRY.

Agency: Sri Narash Kumar

Agreement no. 19(SAD)/2020-21

Dt. of start: 19-9-20

Dt. of Completion: 18-7-21

Dt. of Measurement: 7-12-21

① Construction of G8B-7th
do - all complete.

Curr widening: $3 \times 30 \times \left(\frac{4.05 + 5.2}{2} - 4.05 \right) \times 0.20 = 10.35 \text{ m}^3$

② Construction of G18B-7th

Curr widening: $1 \times 30 \left(\frac{3.75 + 4.25}{2} - 3.75 \right) \times 10 = 0.75 \text{ m}^3$

Continuation

01.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14/22) SIF of 800x600 mm rectangular		6 m			= 6 no.
(15/24) SIF of 600x450 mm Rectangular		4 m			= 4 no.
(16/26) Road Marking on RT edge of road.					
					$90+80+50+90 = 1210$
		$2 \times 1210 \times 0.10$			= 242.0 m^2
(17/27) Road Marking on C.C road					
		$30+170 = 200 \text{ m}$			
		$2 \times 200 \times 0.10$			= 40.0 m^2
(18/28) SIF of boundary pillars of Rec - m-15					
		$2 \times 4 \times 4 = 32$			= 32 no.
(19/29) Providing & erecting direction and place identification before & after the sign board		6 no.			= 6 no.
(20/30) Providing & fixing M.M.C.S.T. information board		2 no.			= 2 no.
(21/31) E/W in excavation in field					
HPW		$2 \times 3.90 \times 1.15 \times 1.50$			= 13.46
Below P.P.		$1 \times 5.35 \times 1.13 \times 0.365$			= 2.21
					15.67
(22/32) Providing per - m-15 in garden					
HPW		$2 \times 3.90 \times 1.15 \times 0.15$			= 1.35
Below P.P.		$1 \times 5.31 \times 1.13 \times 0.25$			= 1.50
					2.85 m ³

Continuation

01.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(23/33) Anti/RCC m-20 in Sub-structure					
H.W	2x3.60	$\frac{9.4+1.0}{2}$		2.78	14.01
Parapet	2x3.60	0.40	0.60		1.73
					15.74
Less for pipe	2x $\frac{1}{4}$	$(0.83)^2$		0.53	(-) 0.57
					15.17
(24/34) Braiding & Laying 600 mm H.P of RCC.					
	3x2.50	17.50			9.50
(25/35) Painting on parapets					
	4x2	3.60	0.40		11.52
	4x4	3.60	0.60		34.56
	4x4	0.40	6.60		3.84
					49.92
(26/6) Constn of earth shoulder					
BT. WBM	2x	1210	1.295	0.075	235.04
BT. GRS	2x	1210	1.49	0.20	721.16
C.C.	2x	200	1.22	0.16	78.08
C.C. GRS of WBM	2x	200	1.39	0.175	97.30
					1131.58
Less for P.I.E.S	2x	17.0	0.50	0.125	(-) 21.25
					1110.33
(27/7) Construction Subgrade					
Qty. wide TMB stage (2) of (1) =					3042.00
Less Qty. wide TMB stage (15) of (1) =					(-) 2433.60
					608.40

7-12-21
SE

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A.E

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT of COST					
Dt. 24.1.22					
(1) Providing & fixing Rough Mosaic					
Qty. under TMB Page (15)					
1.50 Km ² @ Rs 32847.82 / Km ² = Rs					49,272=
(2) Clearing & grubbing of Land.					
Qty. under TMB Page (15)					
0.53 Hrs. @ Rs 51123.76 / Hrs = Rs					27,101=
(3) Construction of Embankment.					
Qty. under TMB Page (15)					
93.77 m ³ @ Rs 175.22 / m ³ = Rs					16,430=
(4) Construction of Embankment.					
Qty. under TMB Page (15)					
610.88 m ³ @ Rs 135.12 / m ³ = Rs					82,542=
(5) Construction of earthen Shoulder					
Qty. under TMB Page (22)					
1110.33 m ³ @ Rs 176.86 / m ³ = Rs					1,96,373=
(6) Construction of earthen Subgrade.					
2433.60 Qty. under TMB Page (15)					
608.40 Qty. under TMB Page (22)					
3042.00 m ³ @ Rs 176.86 / m ³ = Rs					5,38,008=
(7) Construction of G.S.D. 90?					
1053.4 Qty. under TMB Page (15)					
10.35 Qty. under TMB Page (18)					
1063.35 m ³ @ Rs 1702.13 / m ³ = Rs					1,80,996=
(8) Providing Layer of WBM gr. 3					
421.88 Qty. under TMB Page (15)					
4.17 Qty. under TMB Page (19)					
426.06 m ³ @ Rs 2260.83 / m ³ = Rs					9,63,249=

Continuation

Continuation

Rs 36,82,935=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(27/31) E/w in excavation in P.W.					
46.99 Qty. wide TMB page (16)					
15.67 Qty. wide TMB page (21)					
62.66					
Cost 62.65 m ² @ 294.73 / m ² = Rs 18465.00					
(28/32) Paving PCC - m.15 in P.W.					
8.54 Qty. wide TMB page (16)					
2.85 Qty. wide TMB page (21)					
11.39					
Cost 11.38 m ² @ 4946.67 / m ² = Rs 56293.00					
(29/33) Paving PCC m.20 in Substructure					
45.49 Qty. wide TMB page (16)					
15.17 Qty. wide TMB page (21)					
60.66					
m ² @ 6094.85 / m ² = Rs 369714.00					
(30/34) Paving 2 layer concrete H.P.					

22.80	Qty. wide TMB page (16)				
7.50	Qty. wide TMB page (21)				
30.10 m	@ 3398.49 / m ² = Rs 101955.00				

(31/35) Paving or passed					
49.92 m	@ 97.19 / m ² = Rs 4852.00				

					Rs 7147107.00
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Add 12 1/2% GST					Rs 857653.00
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Add 1% Labour cess					Rs 71471.00
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					Rs 8076231.00
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Less 17.57 as per agreement					Rs 1418994.00
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					Rs 6657237.00
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Deduct provision for payment					Rs 3648924.00
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Contd.					3008313.00
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24.1.22					
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15/3/22					
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28/4/22					
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A.E.					
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