

W/Scheme) - Sapahua to Angola road.

15731A. - Taty

# Schedule XLY-Form No. 134

Zicks - Manglikunnu  
DIVISION

01 | SBD | 2020 - 21

NDB-BRRP-36 - Magawki SUB-DIVISION  
Under - MMGSY (NIB Bic[us])

**MEASUREMENT BOOK**

PUNPN 1151

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
02nd RAR Bill					
N/wt :- Coast of Rd from surface to Amgola road					
N/Agency :- Maruthi Engineering Lokman, Dapar, Dhar					
Agreement No - 01/2020/20-21					
Start Date - 03/01/2019					
Date of completion as per EA → 2-01-2020					
Work done					
Item(01) providing laying spreader and completing work					
→ Job complete					
$1 \times 30 \times 3.75 \times 0.075 = 8.44 m^3$					
$1 \times 25 \times 3.75 \times 0.075 = 7.03 m^3$					
Total $15.47 m^3$					
Item(02) Construction of subgrade → Earthwork Sheelker etc					
Completed					
Ref M/B/P/N0(02)					
Subgrade $1 \times 10 \times \frac{9+7.5}{2} \times 0.100 = 8.25 m^3$					
$46 \times 30 \times 7.5 \times 0.100 = 103.5 m^3$					
$1 \times 25.00 \times 7.5 \times 0.100 = 18.75 m^3$					
$10 \times 30 \times 5.00 \times 0.100 = 150 m^3$					
Total $1212 m^3$					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Plan (63)	Providing and carrying				
for one coat SS-1 @ 0.70-1 kg/m <sup>2</sup>					
— complete					
$1 \times 9 \times 6.03 + 4.7 + 4.03$					$= 46.50 \text{ m}^2$
$12 \times 30 \times 3.75$					$= 1350 \text{ m}^2$
$1 \times 7.0 \times 4.6 + 4 + 3.8$					$= 28.93 \text{ m}^2$
$3 \times 6 \times 3.4 + 3.5 + 3.3$					$= 61.20 \text{ m}^2$
$3 \times 30 \times 3.75$					$= 337.50 \text{ m}^2$
$1 \times 18 \times 3.75$					$= 67.50 \text{ m}^2$
$4 \times 30 \times 3.75$					$= 450 \text{ m}^2$
$2 \times 5 \times 4 + 3.8 + 4.3$					$= 40.33 \text{ m}^2$
$18 \times 30 \times 3.75$					$= 2025 \text{ m}^2$
$1 \times 15 \times 3.75$					$= 56.25 \text{ m}^2$
$3 \times 30 \times 3.75$					$= 337.50 \text{ m}^2$
$1 \times 6 \times 4.2 + 4.8 + 3.35$					$= 25.50 \text{ m}^2$
$7 \times 30 \times 3.75$					$= 787.50 \text{ m}^2$
$1 \times 7 \times 6.02 + 4.4 + 3.8$					$= 33.60 \text{ m}^2$
					Total $5627.32 \text{ m}^2$
Item (04)	Plaster coat RS-1 @ 0.250				
— 0.30 kg/m <sup>2</sup> over plaster coat					
before plastering MSS — etc compl					
Ref Item (03)	A Plaster				
Qty	Square				
					$5627.32 \text{ m}^2$
					Continued

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (6)	MSS	20 mm thick	one		
Pack coat layer					etc complex
Ref item no (4) & (11)					
etc same as					
					5627.32 m <sup>2</sup>
Item (6)	Road marking with MOT				
thermoplastic compound with lead					
on BT surface					etc complex
47 nos	$\times 30 \times 2 \times 0.100 = 282 \text{ m}^2$				
1 x 5 x 2 x 0.100 = 1 m <sup>2</sup>					
					Total 283 m <sup>2</sup>
Item (6)	Road marking with MOT				
thermoplastic compound with lead					
on BT surface etc complex					
2 x 30 x 2 x 0.100 = 12 m <sup>2</sup>					
1 x 25 x 2 x 0.100 = 5 m <sup>2</sup>					
					Total 17 m <sup>2</sup>
Item (6)	Reinforced stone				
					= 0.3 Nsq
Item (6)	200 mtr stone				
					= 0.7 Nsq
Item (6)	MMSS sign board boundary				
and following typical MMSS info					
Sign Board					etc complex
					= 0.1 Nsq

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (11)	Traffic sign Board Gangs agricultural Arable etc complete				Traffic sign Board Gangs agricultural Arable etc complete = 0.6 Noy
Item (12)	Traffic sign Board Circular speed limit Board				Traffic sign Board Circular speed limit Board = 0.4 Noy
Item (13)	Traffic signs 600 x 450 mm rectangular Board				Traffic signs 600 x 450 mm rectangular Board = 0.2 Noy
Item (14)	Boundary Poles MTS garage				Boundary Poles MTS garage = 17 Noy
Item (15)	Anthreotile for excavation for future site census etc complete				Anthreotile for excavation for future site census etc complete = 17 Noy
	Wall 2 x 6.45 x 1.4 x 1.50 = 27.009 m <sup>3</sup>				
	W/S Area, 1 x 6.2 x 1.86 x 0.60 = 6.92 m <sup>3</sup>				
	DS A/Prom 1 x 6.02 x 3 x 0.60 = 11.016 m <sup>3</sup>				
	1 x 6.015 x 0.6 x 0.30 = 1.01 m <sup>3</sup>				
	Backing 1 x 5.78 x 1.53 x 0.25 = 2.021 m <sup>3</sup>				
	Total 48.099 m <sup>3</sup>				
Item (16)	Type B Beddy Laying first class Beddy well completed				Type B Beddy Laying first class Beddy well completed
(1)	1 x 5.78 x 1.53 x 0.55 = 4.86				
(2)	1 x 5.78 x 0.22 Area (-) 1.32				
	DS 3.56 m <sup>3</sup>				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item(17)	PCC m 115 m of 20 ft/m				
	etc complete				
	$2 \times 6.45 \times 1.40 \times 0.150 = 2.31 \text{ m}^3$				
Item(18)	PCC m 20 m substance of Avenue A/2e Cultivation road				
Aveepl	$2 \times 6.2 \times 0.525 \times 1.0465 = 2.5122 \text{ m}^3$				
Aveepl	$2 \times 6.2 \times 0.6 \times 0.140 = 2.9848 \text{ m}^3$				
less DPL	$2 \times 1.188 \times 0.61 = (-) 1.45 \text{ m}^3$				
	Total				
	26.075 m <sup>3</sup>				
Item(19)	fronting and laying pipe				
NPS 100 mm dia					
	= 7 nos				
Item(20)	fronting and laying boulders pitching for Bed protection				
	etc complete				
U/S Area	$2 \times 0.691 = 0.982$				
	$2 \times 0.691 = 1.382$				
	Total				
	2.36 m <sup>3</sup>				
Item(21)	fronting and laying filter medium material Gondi meath				
	pitching for slopes				
	etc complete				
U/S Area	$2 \times 0.173 = 0.346 \text{ m}^3$				
D/S Area	$2 \times 0.258 = 0.516 \text{ m}^3$				
	Total				
	0.862 m <sup>3</sup>				

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	<u>Absorption of road</u>				
Item (01)	WBM II material for ready and laying concrete III etc				
	beam plan				
	Ref MB P/N 08 & 10				
	$476.90 + 15.47 = 492.37 \text{ m}^3$				
	$492.37 \text{ m}^3 @ \text{ Rs } 370.65/\text{m}^3$				
					<u>Rs 1827013/-</u>
Item (02)	Cost of subgrade & Banking Shoulder etc				
	Ref MB P/N 07 & 10				
	$3402.86 + 1212 = 4619.86 \text{ m}^3$				
	$4619.86 \text{ m}^3 @ \text{ Rs } 1620.10/\text{m}^3$				
					<u>Rs 748879/-</u>
Item (03)	Providing and Supplying Dormer crest set				
	Ref MB P/N 10 (11)				
	$5627.32 \text{ m}^2 @ \text{ Rs } 48.90/\text{m}^2$				
					<u>= 275176/-</u>
Item (04)	Pack cost Rs - 1				
	Ref MB P/N 0 (11)				
	$5627.32 \text{ m}^2 @ \text{ Rs } 16.63/\text{m}^2$				
					<u>Rs 93582/-</u>
Item (05)	Mgk 20 min thick				
	Ref MB P/N 0 (12)				
	$5627.32 \text{ m}^2 @ \text{ Rs } 165.05/\text{m}^2$				
					<u>Rs 928789/-</u>

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item(06)	Road marking width 10m thermoplastic compound				
	Ref item 06 P/N(12)				
	288 m <sup>2</sup> @ Rs 942.86/m <sup>2</sup>				Rs 266829/-
Item(07)	Road marking width 10m thermoplastic compound				
	Ref item 07 P/12				
	17m <sup>2</sup> @ Rs 942.86/m <sup>2</sup>				Rs 16029/-
Item(08)	Kilometer stone				
	Ref M/R P/N(12)				
	0.3m <sup>2</sup> @ Rs 2451.29/Per				Rs 7354/-
Item(09)	200 mt stone				
	Ref M/R P/N(12)				
	07 Nos @ Rs 687.02/Per				Rs 4809/-
Item(10)	Mangaly Maly Logo Stone				
Board	Ref M/R P/N(12) & (08)				
	1 + 2 = 03 Nos				
	3Nos @ Rs 9830.25/Per				Rs 29491/-
Item(11)	Godum equilateral triangle				
	Ref M/R P/N(13)				
	06 Nos @ Rs 1623.02/Per				
					Rs 9738/-

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (12) <u>lent Board</u>	Garam circular			Speed	
	Ref M/s P/n/o (13)				
4m x 0.12 m x 1.667 m	Rs 1667.07	/Eac	Rs 6668/-		
Item (13) <u>Board</u>	600 x 450 mm rectangular				
	Ref M/s P/n/o (13)				
0.2 m x 0.12 m x 1.662.56 m	Rs 1662.56	/Eac	Rs 3325/-		
Item (14) <u>Boundary Pillars on 15 grad</u>					
	Ref M/s P/n/o (13)				
17 m x 0.12 m x 3.520.40 m	Rs 3520.40	/Eac			
				Rs 9391/-	
Item (15) <u>Brickwork in excavation</u>					
	Ref M/s P/n/o (13)				
48.49 m <sup>3</sup> @ Rs 280.02 m <sup>3</sup>	Rs 280.02	m <sup>3</sup>			
				Rs 13578/-	
Item (16) <u>TYRE 'B' bedding in HPC</u>					
	Ref M/s P/n/o (13)				
3.56 m <sup>3</sup> @ Rs 400.28 m <sup>3</sup>	Rs 400.28	/m <sup>3</sup>			
				Rs 1445/-	
Item (17) <u>POC M 15 for 0.200 ft/s</u>					
	Ref M/s P/n/o (14)				
2.71 m <sup>3</sup> @ Rs 863.22 m <sup>3</sup>	Rs 863.22	m <sup>3</sup>			
				Rs 15889/-	

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (18) wall of culvert.	pec M 20	1m	substructure		
	Ref MB PLN (14)				
26.75 m <sup>3</sup>	Rs 6645.60 / m <sup>3</sup>				
					Rs 1,77,770/-
Item (19) providing and laying PIRE rodome dia — etc complex	7.50 m	+ 0	Rs 3217.06 / m		
					Rs 24,129/-
Item (20) Boulders filter 1m bed of PIRE					
	Ref Item (25) PLN (14)				
20.36 m <sup>3</sup>	Rs 3251.54 / m <sup>3</sup>				
					Rs 7674/-
Item (21) providing and laying filter media	0.86 m <sup>3</sup>	Q	Rs 490.28 / m <sup>3</sup>		
					Rs 422/-
Item (22) providing and laying Boulders as per for Bed protection etc complex					
	Ref MB PLN (14)				
Item (22)					
40.71 m <sup>3</sup>	Rs 3251.54 / m <sup>3</sup>	Rs			
					Rs 15,315/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (23)	Ref. No. 07	Front 1 day	front 1 day	1000 km <sup>2</sup>	
Benchmarks & Ref Pillar					
	Ref. No. 07	P/N 07			
1.715 km @	Rs 13167.30 / km	Rs 22582/-			
Item (24)	clearly and gradually				
	Ref. No. 07	P/N 07			
0.602 km @	Rs 48772.70 / km				
				Rs 29264/-	
Item (25)	cons of Embankment				
width 10 mtrs	length 100 mtrs				
	Ref. item (3)	P/N 07			
3570.66 km <sup>2</sup> @	Rs 162010 / m <sup>2</sup>				
				Rs 578804/-	
Item (26)	cons of Embankment				
width 10 mtrs	length 100 mtrs				
	Ref. item 07	P/N 07			
8331.54 m <sup>3</sup> @	Rs 118.55 m <sup>3</sup>				
				Rs 990204/-	
Item NO (27)	Some filling on subgrade				
foundations -	etc				
Complete					
Ref. item NO 06	P/N 06	etc			
1028.78 m <sup>3</sup> @	Rs 1614.76 / m <sup>3</sup>				
				Rs 1661232/-	
Continuation					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Plan (28)					const of 0.8 m. Dm - L
Ref area PLN	(08)				ten (07)
1284.36 m <sup>3</sup>					Rs 2532/- + 381 m <sup>3</sup>
					Rs 3318274/-
Total					Rs 1,10,84,955/-
Less 10% Below					Rs 11,08,496/-
Less 10% Below					Rs 99,76,459/-
Less Previous Payment					Rs 80,48,740/-
					Net Amt Rs 19,27,19/-

15/10/24

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