

Бижухна то кундеез Кузтх Реад

Schedule XLV-Form No. 134

ARUAL

DIVISION

Кузтх

SUB-DIVISION

645

MEASUREMENT BOOK

3rd R/A b24
24

Sch. XLV-Form No. 134

Sch. XLV-Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
Name of work - Constr of road from Bijaurkha to Kinjar Kutha road					
Agency - Aditya Shree Engicon Pvt. Ltd					
Agreement - 54/S.B.D/MMSY/2019-2020					
Date of Commencement - 27.08.2019					
Date of Completion - 25.09.2020					
Measurement					
D.O.M - 19.05-2022					
1) Providing, laying & compacting well graded W.B.M - 11 - 20					
$(30+10) \times \left(\frac{5.70+8.75}{2} \right) \times 0.075 = 14.17 m^3$					
$11 \times 30 \times 0.075 = 24.75$					
$(11 \times 30 + 20) \times 3.75 \times 0.075 = 98.43$					
widening:- $10 \times \left(\frac{3.75+3.8}{2} \right) \times 0.075 = 2.83$					
$10 \times \left(\frac{3.80+3.75}{2} \right) \times 0.075 = 2.83$					
$2 \times 30 \times 3.75 \times 0.075 = 16.87$					
$10 \times \left(\frac{3.75+4.2}{2} \right) \times 0.075 = 2.98$					
$10 \times \left(\frac{4.2+4.1+3.75}{3} \right) \times 0.075 = 3.01$					
$2 \times 30 \times 3.75 \times 0.075 = 16.87$					
$10 \times \left(\frac{3.75+3.8}{2} \right) \times 0.075 = 2.83$					
$10 \times \left(\frac{3.8+3.75}{2} \right) \times 0.075 = 2.83$					
$(20 \times 6 + 10) \times 3.75 \times 0.075 = 36.56$					
$(30+25) \times 3.75 \times 0.075 = 15.46$					

Continuation

163.67 m³
215.67 m³
C.O

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
18) Bor. & lay. wmb mch III - TMB P-25 item ①				399.26 m	
② 2993.51				= Rs 1195189	
19) Pwr. & lay. Prime cut. TMB P-26 item ③				5343.08 m	
② 54.93 = ∞				= Rs 293495	
20) Pwr. lay Tack cut TMB P-26 item ④				5343.08 m	
② 18165				= Rs 99648	
4) Pwr. & lay Mix sec surface TMB P-26 53 item ②				5343.08 m	
② 222.43				= Rs 1188461 = ∞	
Net Sub total = 85574175					
Add Sf TMB (P-25) = 3285					
less 0.22 v. as per A.S.				23104 = ∞	
				8534071 = ∞	
less pwr. part for TMB P-22				6435590 = ∞	
				57641775 = ∞	
				2769296 = ∞	
				2098481 = ∞	
Arrival 25/5/23 JE					
				25/05/2023	
				AE	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
over pec	(20x6+10)	3.75			487.50 m ²
	85 x	3.75			18.75
Extra width	(30+25)	3.75			206.25
	20x (3.75+5.1+5.2)				97.00
	20x (5.7+5.5+8.75)				99.67
	18x30x	3.75			2025.00
Extra width	30x x10x (3.75+3.8)				113.25
	30x2x 10x (3.8+3.75)				113.25
					5343.08 m ²
Arival	20/5/23				
AG					

3) Bitumens & Poly Prim Coat
(SS-1) do
Qty from Item No-2 TMD
P-25 = 5343.08 m²

4) Bitumens & Poly Seal Coat
with (RS-1) do
Qty from Item No-3 TMD P-26 = 5343.08 m²

Bitumen & Emulsion paper Arcilua

HPCL

Date	Doc No.	Qty
10/8/22	22000987	7.7664
14/10/22	22001212	4.868
		12.6344 MT

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Total Vol - 10					12.1344 m ³
Consumption in this item -					10.151 m ³
Balance =					1.9834 m ³
<u>Material Statement</u>					
WBM gr-II	-	399.26	m ³		
Qty. Mes	-	5343.08	m ³		
<u>S.f calculation</u>					
Item (mm)	Qty	(Rate + Roy.)			S.f (10%)
1) WBM gr-II	- 399.26				
a) S3 to 22.4	- 483.10	X (467.20)			= 22571
b) Sorely 11.2 mm	- 95.82	X (351.19)			= 3373
ii) mes - 5343.08 m ³					
a) 13.2 to 0.49					
		= 144.202 X (479.28)			= 6915
Total S.f m stone					= 32859
Amirah 20/5/22 JE <i>[Signature]</i> 20/5/22 AK					
Total consumption					
Stone					= 723.156 m ³

Continuation

Abstract of cost

28

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Work - Buzukha to Kungur Road					
Agency - Aditya Shree Engineering Pvt Ltd					
Agreement S4/SBD/MMGJY/2019-2020					
Date of commencement - 27.08.2019					
Date of Completion - 28.09.2020					
1/ Abstract of Cost					
P/F of bench mark pillars on					
the site of road - de -					
Qty vide TMB, P-18					
2.00 Nos @ Rs 3763.34/No - Rs 7527.00					
2/ Const & fixing of reference pillar -					
on site - de -					
Qty vide TMB, P-18					
8.00 Nos @ Rs 1717.194/No - Rs 13738.00					
3/ Clearing & grubbing of road					
land for - de -					
Qty vide TMB, P-18					
0.691 Hct @ Rs 49789.47/H - Rs 34370.00					
5/ Removal of soil with hydraulic					
excavator - de -					
Qty vide TMB, P-18					
5.625 m ³ @ Rs 82.015/m ³ - Rs 461.00					

Continuation



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6) Constn of Embankment with 1000 m lead — do —					
Qty vide TMB. P-18					
2786.03 m ³ @ Rs 2187.22/m ³ — Rs 2					521617
7) Const of embankment with 100 m lead — do —					
Qty vide TMB. P-19					
6500.74 m ³ @ Rs 142.29/m ³ — Rs 2					925640.00
8) Constn of sub-grade in further shoulder — do —					
Qty vide TMB. P-21					
112500 m ³ @ Rs 2189.10/m ³ — Rs 2					212745.00
9) Constn of granular sub-base with well graded C.R.B. — do —					
Qty vide TMB. P-19					
1427.94 m ³ @ Rs 2272.35/m ³ — Rs 2					3244794
10) P/F logs of NMGS & citizen information Board — do —					
Qty vide TMB. P-19					
2.00 Nos @ Rs 9923.624/each — Rs 2					19847.00
11) Excavation in foundation for H.P. culvert — do —					
Qty vide TMB. P-22					
122.45 m ³ @ Rs 261.92/m ³ — Rs 2					32070.00

Continuation

215.67 m³
B.f: 163.64 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Extra water					
20 X (3.75 + 5.1 + 5.2) X 0.075		3			= 7.27 m ³
20 X (8.7 + 8.5 + 3.75) X 0.075		3			= 7.47
(18 X 30) X 3.75 X 0.075					= 131.84
At 84. wdy 3 No. X 10 X (3.75 + 3.8) X 0.075		2			= 8.49
3 No. X 10 X (3.8 + 3.75) X 0.075		2			= 8.49
Total					347.22 m ³
WBM, C-3					399.26 m ³

20.05.2023

2) Providing, laying & rolling of
Mix seal surface (M.S.S) with
20mm thick — do —

(30 + 10) X (5.70 + 3.75) / 2	=	189.00 m ²
(11 X 30 + 20) X 3.75	=	1312.5 m ²
Extra wdy 10 X (3.75 + 3.80) / 2	=	37.75
10 X (3.8 + 3.75) / 2	=	37.75
2 X 30 X 3.75	=	225.00
10 X (3.75 + 4.2) / 2	=	39.75
10 X (4.2 + 4.1 + 3.75) / 3	=	40.16
2 X 30 X 3.75	=	225.00
10 X (3.75 + 3.8)	=	37.75
10 X (3.8 + 3.75)	=	37.75

Continuation

2182.41 m²

C-2.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
over pec		(20x6+10)		X 3.75	= 487.50 m ²
		85		X 3.75	= 18.75
		(30+25)		X 3.75	= 206.25
Extra width		20x(3.75+5.1+5.2)			= 97.00
		20x(5.7+5.5+8.75)			= 99.67
		18x30		X 3.75	= 2025.00
Extra width		3m x 10x(3.75+3.8)			= 113.25
		3m x 10x(3.8+3.75)			= 113.25
					5343.08 m ²
Arival					
20/5/22					
AG					

3) Bitumens & Poly Prim Coat
(SS-1) do
Qty from Item No-2 TMD
P-25 = 5343.08 m²

4) Bitumens & Poly Seal Coat
with (RS-1) do
Qty from Item No-3 TMD P-26 = 5343.08 m²

Bitumen & Emulsion paper Arclane

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Continuation

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Consumption in this item -					10.151 m ³
Balance =					1.9834 m ³
<u>Material Statement</u>					
WBM gr-II	-	399.26	m ³		
Qty. Mes	-	5343.08	m ³		
<u>S.f calculation</u>					
Item (mm)	Qty	(Rate + Roy.)			S.f (10%)
1) WBM gr-II	- 399.26				
a) S3 to 22.4	- 483.10	X (467.20)			= 22571
b) Screy 11.2 mm	- 95.82	X (351.19)			= 3373
ii) mes - 5343.08 m ³					
a) 13.2 to 0.49					
		= 144.202 X (479.28)			= 6915
Total S.f m stone					= 32859
Amirah 20/5/23 JE <i>[Signature]</i> 20/5/23 AK					
Total consumption					
Stone					= 723.156 m ³

Continuation

Abstract of cost

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2.00 Nos @ Rs 3763.34/No - Rs 7527.00					
2/ Const & fixing of reference pillar -					
on site - de -					
Qty vide TMB, P-18					
8.00 Nos @ Rs 1717.194/No - Rs 13738.00					
3/ Clearing & grubbing of road					
land for - de -					
Qty vide TMB, P-18					
0.691 Hct @ Rs 49789.47/H - Rs 34370.00					
5/ Excavation of soil with hydraulic					
excavator - de -					
Qty vide TMB, P-18					
5.625 m ³ @ Rs 82.015/m ³ - Rs 461.00					

Continuation



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6) Constn of Embankment with 1000 m lead — do —					
Qty vide TMB. P-18					
2786.03 m ³ @ Rs 2187.22/m ³ — Rs 2521617					
7) Const of embankment with 100 m lead — do —					
Qty vide TMB. P-19					
6500.74 m ³ @ Rs 142.29/m ³ — Rs 925640.00					
8) Constn of sub-grade in further Shoulders — do —					
Qty vide TMB. P-219					
112500 m ³ @ Rs 2189.10/m ³ — Rs 2212745.00					
9) Constn of granular sub-base with well graded C.R.B. — do —					
Qty vide TMB. P-19					
1427.94 m ³ @ Rs 22972.35/m ³ — Rs 3244794					
10) P/F logs of NMGS & citizen information Board — do —					
Qty vide TMB. P-19					
2.00 Nos @ Rs 9923.624/each — Rs 19847.00					
11) Excavation in foundation for H.P. culvert — do —					
Qty vide TMB. P-220					
122.45 m ³ @ Rs 261.92/m ³ — Rs 32070.00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
12) Providing & bedding of lead sheet					
Qty vide TMB, P2 20					
14.21 m ³ @ Rs 459.677/m ³					Rs 6532.00
13) Providing laying M/S conduit in open ground					
Qty vide TMB, P 2 20					
10.795 m ³ @ Rs 24778.87/m ³					Rs 51581.00
14) Providing brick masonry work in Headwall with CM(14)					
Qty vide TMB, P2 24, Item (14)					
96.850 m ³ @ Rs 5653.27/m ³					Rs 547514
15) Providing & laying NP3 pipe in H.P. Culvert 600 mm dia					
Qty vide TMB, P221, Item (15)					
37.80 m @ Rs 23033.434/m					Rs 113754.00
16) Providing & laying NP3 (1000 mm) pipe in H.P. Culvert					
Qty vide TMB, P 21, Item (16)					
7.50 m @ Rs 4228.38/m					Rs 31714.00
17) Plastering with CM(14) thick on brick work in structure					
Qty vide TMB, P 21, Item (17)					
104.73 m ² @ Rs 157.337/m ²					Rs 16478.00

Continuation

C.O : 5780382.00.