Aliganj - Dinnagar - Karande MNP Road to Nagodi Road.

Head - MM Unit (S)

Schedule XLV-Form No. 134

R. W. D (W) Jammu — **DIVISION**

R.W.D Aliganj Aliganj — **SUB-DIVISION**

MEASUREMENT BOOK

2804

MB No. 2804

Agt. No. 48 (SBD) 2020-21

Name of Work: Metalling and Tarring of Aliganj - Dinnagar - Karande MNP Road to Nagodi Road

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

Name of Road :→ Construction of Road from Aliganj Binnagar Karaunde MNP Rd to Nagodih

Block → Aliganj

Agency → DM Hari OM Const. Pvt Ltd.
At - Pathara English, P.S - Dhanpur
Dist - Nawada.

Agreement No. → 48(SRD)/2020-21

Dt of Commencement → 20.08.2020

Dt of Completion → 19.08.2021

Construction Cost → Rs 1,24,42,349=00

Maintenance cost → Rs 20,18,622=00

(1) First fixing of working Bench mark pillar
Qty = 1.00 Km.

(2) clearing & grubbing of road land

10 × 30 × 3.50 = 1050 M²

10 × 30 × 3.50 = 1050 M²

10 × 30 × 3.50 = 1050 M²

3 × 30 × 3.50 = 315 M²

1 × 10 × 3.5 = 35 M²

3500 M²

Qty = 0.35 Hect

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(11/A) Providing & applying of tack coat closed graded premix surface material of 20mm thickness (MSS) on prepared surface of 18.2 m wide to 0.9mm					
					5647.75 m²
(12/B) Construction of RR reinforced Plain Cement thickness as per design over a prepared surface (PCC)					
	1	15	$\frac{4.2+4.8}{2}$	0.160	10.2 m³
	5	30	3.75	0.160	90.00 m³
	5	30	3.75	0.160	90.00 m³
	1	15	$\frac{4.1+4.8}{2}$	0.160	9.6 m³
	10	30	3.75	0.160	180.00 m³
	10	30	3.75	0.160	180.00 m³
	2	30	3.75	0.160	36.00 m³
	1	10	3.85	0.160	6.16 m³
				Say	601.96 m³
(13/C) Construction of subgrade & earthen shoulder with approved material Earthen shoulder (Sides of RR)					
	2	30	30	1.49	0.240 = 178.8 m³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
23/28 Road marking on C.C portion.					
	2	10	30	0.10	= 60.00 m²
	2	10	30	0.10	= 60.00 m²
	2	10	30	0.10	= 60.00 m²
	2	3	30	0.10	= 18.00 m²
	2	1	10	0.10	= 2.00 m²
					Say 200.00 m²
24/28 RCC M-15 Grade boundary pillar.					
	56 nos.				
25/28 Fixing & erecting of direction & place identification of					
Semi reflective sign board.					
	10 nos.				
26/28 Fixing & fixing of typical Hilly informatory sign board.					
	02 nos.				

AB 10/08/2022 JE

HSPL J.E

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Abstract of Cost					
(1/1) Providing of work of Bench mark Pillar as Qty vide Page no. 9 & 17 in MB 1.5 Nos = 1.5 Nos @ 32428.48/Nos					Rs 81,071=00
(2/2) clearing & Grubbing of Road land Qty vide Page no 9 & 17 in MB 0.525 Ha + 0.35 Ha = 0.875 Ha @ 51133.72/Ha				0.875 Ha = Rs	44,742=00
(3/30) R/w in excavation in foundation of Structure Qty vide Page no (16). 11.9.19 m³ @ 294.73/m³					35129=00
(4/31) PCC M-15 (1:2.5:5) in open foundation Qty vide Page no (16) MB @ 4685.66/m³		18.38 m³			86122=00
(5/32) PCC/RCC M-20 in Sub Structure Qty vide Page no. (16). @ 5807.21/m³		142.844 m³			829525=00
					Rs 10,76,589=00

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B/F	R/A	21,32,672=00
(11/7) Const. of GSB P/V & layg. of well graded material					
B/f vide Page no. (11+19) in TMB.					
		(572.37+652.14) m³			
@ 1444.88/m³		1224.51 m³		R/A	17,69,270=00
(12/8) Const. of WBM Gr-I					
B/f vide Page no. (12+19+20) in TMB.					
		(426.383+225.40+56.22) m³			
@ 1861.42/m³		708.043 m³		R/A	13,17,965=00
(13/12) GSB Gr-I in C.C portion. B/f vide Page no. (12+19) in TMB					
		(301.811+75.00) m³			
@ 1444.88/m³		376.811 m³		R/A	5,44,447=00
(14/9) Providg & applyg of Prime coat (SS-1)					
B/f vide Page no (28) in TMB					
@ 45.52/m²		5647.75 m²		R/A	2,57,086=00
(15/10) P/V & applyg of tack coat					
B/f vide Page no (28) in TMB					
@ 15.47/m²		5647.75 m²		R/A	87,371=00
					R/A 61,08,811=00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B/F	RR	61,08,811.20
(10/11) Providing & applying of closed graded material in 20 mm thickness (MSS) Qty vide Page no (21) in TMB					
@ 201.72/m²	5647.78 m²			Rs	11,39,264.20
(12/13) Const of un-reinforced Plain cement Concrete PCC) Qty vide Page no (21) in TMB					
@ ~~6268~~ 6148.03 Rs/m³	601.96 m³			Rs	40,74,083.20
(18/3) Const of Subgrade & earthen shoulder Qty vide Page no (23) in TMB					
@ 171.86/m³	1936.28 m²			Rs	3,42,450.20
(19/14) Laying black soling layer on prepared sub-grade with black on edge (Hard shoulder) Qty vide Page no (23) in TMB					
@ 504.69/SQM	795.00 m²			Rs	4,01,229.20
(20/15) RCC Pipe dual across the Road 300 mm dia, Qty vide Page no (123) in TMB	(304+45) M				
@ 1582.20/M	75.00 M			Rs	1,18,665.20

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B/F	Rs	1,23,53,899=00
26/28 P/r t applyg of hot thermoplastic compound (Road marking on BT portion) By vide Page no. (24) in TMB					
@ 735.44/m²		300.00 m²		Rs	2,20,632=00
27/26 Road marking on C.C portion By vide Page no. (25) in TMB					
@ 835.34/m²		200.00 m²		Rs	1,67,068=00
28/27 RCC MIS boundary pillar By vide Page no. (26) in TMB					
@ 484.524/no.		56 nos.		Rs	27,133=00
29/28 P/r erecting of direction & place identification of semi reflective sign board By vide Page no. (25) in TMB					
@ 11634.92/no.		10.00 nos.		Rs	1,16,349=00
30/29 P/r t fixing of typical MMGSY information board By vide Page no. (13+25) in TMB.		(3+2) = 05 nos.			
@ 9280.23/nos.		05 nos.		Rs	46,401=00
				Rs	1,29,31,482=00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B/F	Rs	1,29,31,482=00
	Add	12% 4.57 (+)		Rs	15,51,778=00
	Add	L.C 1% (+)		Rs	1,29,315=00
				Rs	1,46,12,575=00
	less 10% as per agreement			(-)Rs	14,61,258=00
				Rs	1,31,51,317=00
	less previous Payment			(-)Rs	37,77,987=00
	vide Page No.	(13)		Rs	93,73,330=00

Material Statement of this bill

EW - 3062.57 m³ X 1.25 = 3828.22 m³

GSB Gr-I - 727.14 m³

53 mm to 9.5 mm - 436.28 m³
@ 516.42/m³

9.5 mm to 2.36 mm - 174.52 m³
@ 411.33/m³

2.36 mm below (worked) - 201.77 m³
@ 150.80/m³

WBM Gr-III - 281.67 m³

53 mm to 22.4 mm - 340.82 m³
@ 488.22/m³

Stone screening - 67.61 m³
@ 345.52/m³

~~Prime coat (MS-1) 4.8 MT~~

Tack coat (RS-1) 1.553 MT

MSS (S-90) - 10.73 MT

Stone crushed aggregate - 152.48 m³
@ 480.00/m³

Continuation