

Kinjor Kurtha Road to Pinjason-M/R

Schedule XLV-Form No. 134

R.W.D. ; ARMAL

DIVISION

R.W.D; KURTHA

SUB-DIVISION

816

MEASUREMENT BOOK

1st A/c Bill

1.
Name of work - Measurements
Situation of work -
Agency by which work is executed -
Date of measurement -
No. and date of agreement.
(These four lines should be repeated at the commencement of the measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work -	MR-3054 New				
	Maintenance policy - 2018				
	Kinjar Kutha Road				
	to Pinjarawan.				
Order No -	MR-N/22-23 Aswal/04				
Agreement No -	08/MBD/2022-2023				

Name of Agency - Chandra Bhawan Singh
At: Vill - Koriyam
PO - Bera, Dist, Aswal

Date of start as per agreement - 9/12/2022

Date of Completion (as per agreement) - 8/9/2023

Rate @ Below (as per agreement) -

Work in Progress

Measurement of Date -

1) Clearing & grubbing sand land
as per tech specification -

$$2 \times 30.00 \times 4 \times 1.125 = 270.00 \text{ m}^2$$

$$2 \quad 30.00 \quad 4 \quad 1.125 = 337.50$$

$$2 \quad 30.00 \quad 5 \quad 1.200 = 360.00$$

Continuation

12-11-2024

Memo of Payment 24
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4367097-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) S.D.S.I. Rs	—		218	355	✓
2) I.T.I. Rs	—		43	671	✓
3) L.C. Rs	—		43	671	✓
4) C. & T.H. Rs	—		43	671	✓
5) S. & T.H. Rs	—		43	671	✓
6) S. & T. Rs	—		39	577	✓
7) Rwy. Rs	—		94	495	✓
Total deduction			527	111	✓
8) By cheques			3839	986	✓
Total			4367	097	✓
Amount for Rs			4367	097	✓
By item = Lakh			21	3123	✓

Executive Engineer
RWD (W) Division
Arwal

21/3/23

21/3/23

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Kijer Kustha Road					
to pinjraun (M/R-3054)-2018					
Package No - M/R-N/22-23/Asind-04					
Agreement No - 08/MBD/2022-2023					
Name of Agency - Chandra Bhushan Singh					
Date of start (as per agreement) - 9.12.2022					
Date of completion (as per agreement) - 8.9.2023					
D.O.M - 12/4/23					
Measurement					
1) P/A Pack Coat (RS-1) + do -					
2.00 km		$6 \times \frac{(3.10 + 3.15)}{2}$			18.75 m ²
Junction :-		$2.5 \times \frac{(4.8 + 5.1)}{2}$			12.375 m ²
					= 31.12 m ²

2) P/L S.D.B - 25 mm thick					
over on pack coat - do -					
		$6 \times \frac{(3.10 + 3.15)}{2}$		$\times 0.025$	0.468 m ³
		$2.5 \times \frac{(4.8 + 5.1)}{2}$		$\times 0.025$	0.309 m ³
					= 0.772 m ³
3) P/F Maintenance Sign Board					
					1.00 Nos
S.F. Calculations					
SDBc -		0.772 m ³			
P 9.5 to 4.75 -		0.643×586			377
4.75 to below		0.46×424.21			196
					<u>573</u>
consumption					

VR 30 - 0.0890 MT, PS₁ = 0.007 MT.

Arind
12/4/23
J.E

Continuation
12/4/23
A.G. Karm

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/1) clearing & grubbing road lands Qty vide TMB. P-19 0.328 Hect @ Rs = 62032.43/H — Rs = 20347.00					
2/2) constn of G.S.B with wide grade in pot-patch area — do — Qty vide TMB. P-19 47.653 m ³ @ Rs = 1939.310/m ³ — Rs = 92414.00					
3/3) P/L of WBM-II in pot patches Qty vide TMB. P-19 43.466 m ³ @ Rs = 3863.71/m ³ — Rs = 167940.00					
4/4) P/L WBM-III in pot patches Qty vide TMB. P-19 81.110 m ³ @ Rs = 3821.83/m ³ — Rs = 309989.00					
5/5) Bric masonry in parapet wall of culvert — do — Qty vide TMB. P-19 12.472 m ³ @ Rs = 5681.25/m ³ — Rs = 70857.00					
6/6) Plastering with cm(1:4) in brick work as per — do — Qty vide TMB. P-20 89.59 m ² @ Rs = 178.79/m ² — Rs = 16018.00					

Continuation C/o Rs = 674565.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
7/5) P/L 300 mm dia duct pipe - do -					
Qty vide TMB, P=20					
7.50 m @ Rs = 975.31/m					Rs = 7315.00
8/6) P/A Prime Coat (SS-1) - do -					
Qty vide TMB, P=20					
1081.60 m ² @ Rs = 62.84/m ²					Rs = 67968.00
9/6) P/A Tack Coat RS-1 - do -					
Qty vide TMB, P=20					
31.12 m ² vide TMB, P=20					140909.00
531.96 m ² @ Rs = 261.47/m ²					Rs = 140242.00
6563.10 m ²					
10/7) P/L 100 mm dia - do -					
Qty vide TMB, P=20					
1081.60 m ² @ Rs = 240.43/m ²					Rs = 259833.00
11/9) P/L semi-dense bituminous					
25 mm thick - do -					
Qty vide TMB, P=21					
0.772 m ³ vide TMB, P=25					1758480.00
136.239 m ³ @ Rs = 12832.72/m ³					Rs = 174857.00
137.031 m ³					
12/12) Constn of sub-grade & shoulder					
shoulders as per - do -					
Qty vide TMB, P=21					
820.099 m ³ @ Rs = 254.61/m ³					Rs = 208805.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
13/100 P/F KM Stone post - do -					
Qty wide TMB. P=21					
3.00 Nos @ Rs=2548.65/each — Rs=7646.00					
1/100 P/F 200 m Stone post - do -					
Qty wide TMB. P=21					
1.00 Nos @ Rs=767.16/each — Rs=4603.00					
1/5 P/A Road marking with HATC - do -					
Qty wide TMB. P=21					
05.83 m ² @ Rs=823.80/m ² — Rs=251945.00					
Painting of the road on — do —					
surface of culvert — do —					
Qty wide TMB. P=21					
105.743 m ² @ Rs=115.90/m ² — Rs=12256.00					
17/13 Painting of new letter & figures - do -					
Qty wide TMB. P=22					
572.00 liter @ Rs=0.63/lit — Rs=360.00					
8/14 Planting of trees & their maint - do -					
Qty wide TMB. P=22					
51.00 Nos @ Rs=1062.66/No — Rs=39318.00					
19/11 P/F Direction & placing sign					
Board — do —					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty vide TMB. P=22					
2.00 Nos @ Rs=14625.95/m ² —					Rs=28082.00
20 20 12(i) } P/F 600mm Equilateral-tr					
Qty vide TMB. P=22					
12.00 Nos @ Rs=4196.54/m ² —					Rs=50348.00
21 12(ii) } P/F 600mm Circular-tr					
Qty vide TMB. P=22					
8.00 Nos @ Rs=4132.49/each —					Rs=33060.00
22 12(iii) } P/F 600mm x 450mm rectangular-tr					
Qty vide TMB. P=22					
16.00 Nos @ Rs=3988.75/m ² —					Rs=63820.00
23 12(iv) } P/F 900mm octagon —					
Qty vide TMB. P=23					
2.00 Nos @ Rs=8433.48/m ² —					Rs=16867.00
24 16 } P/F logo & maintenance Board					
2.00 Nos Qty vide TMB P=23					
1.00 Nos Qty vide TMB. P=					
3.00 Nos @ Rs=9901.95/each —					Rs=29706.00
					Rs=36589.84.00
					A = 668509.00
Add - 18% GST —					Rs=36589.00
Add - 4% Lc —					Rs=4354072.00

Continuation

Bf: 43,54,072

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Add - S/F vide TM P-23,25				B/F ₂ 4354072.00 R ₂ 40150.00	
					R ₂ 4394222.00
Less - 0.05% as per agreement					R ₂ 21978.00
					4392025 R ₂ 4372251.00
Less previous amount					R ₂ 4367097.00
Net payable amount					R ₂ 24928.00
<i>Arvind</i> 12/4/23 J-E <i>Arvind</i> 12/04/2023 A/E/corner					
					Contractor

- Certificate
- This is final bill & work is completed
 - work has been done as per specification
 - At present there is no any defect

Arvind
12/4/23
J-E

Arvind
12/04/2023
A/E/corner

Arvind
12/04/2023
EE