

MR-3054 N/20-21

Agreement No-03 MBD/2021-22

Bokri to Harg

2.55 y.

below

Measurement Book

Schedule XLV-Form No. 134

DIVISION

Amur

SUB-DIVISION

Asay Kumar

1486

MR-3054 - MR - N/20-21

40

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>RECORD ENTRY</u>					
N/W:- Construction of Road from Bhokri to Harara Under MR-3054.					
Name of Agency:- Ajay Kumar					
Agreement No:- 03/MBD/2021-22					
Date of start:- 17/09/2021					
Date of completion:- 16/06/2022					
<u>RECORD ENTRY</u>					
1/42 S/R/P Hydrant - do -					
slab bottom:-					
Main bar $\overset{\text{wt}}{=} 48 nos \times 6.020m \times 1.578kg/m$ $= 455.979kg$					
Main bar 16mm ϕ @ 125mm c/c $\overset{\text{wt}}{=} 48 nos \times 6.020m \times 1.578kg/m$ $= 455.979kg$					
12mm ϕ @ 150mm c/c $\overset{\text{wt}}{=} 40 nos \times 6.120m \times 0.89kg/m = 217.872kg$					
Pop slab Main bar 16mm ϕ @ 150mm c/c $\overset{\text{wt}}{=} 40 nos \times 6.020m \times 1.578kg/m$ $= 379.982kg$					
12mm ϕ @ 200mm c/c $\overset{\text{wt}}{=} 30 nos \times 6.120m \times 0.89kg/m$ $= 163.404kg$					
1217.237kg -					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Reb Ring 12mm ϕ 150mm c/c					
wt = 40 nos $\times$ 1.780m $\times$ 0.89 kg/m = 63.368 kg					
Longitudinal 10mm ϕ					
wt = 2 $\times$ 2 $\times$ 2 $\times$ 6.010m $\times$ 0.62 kg/m = 29.859 kg					
					93.227 kg
Total = [① + ②]					
= (1217.237 kg + 93.227 kg)					
= 1310.464 kg					
Total Qty for 2 culverts =					
(2 $\times$ 1310.464 kg) = 2620.928 kg					
= 2.62 MT					
2/41 providing and Laying Reinforced					
Cement Concrete -- do --					
(M-25 grade) in superstructure					
Top slab: - 6.0m $\times$ 6.0m $\times$ 0.40m = 14.40m ³					
Reb: - 2 $\times$ 6.0m $\times$ 0.25m $\times$ 0.30m = 0.90m ³					
					15.30m ³
Qty for 2 culverts = (2 $\times$ 15.30m ³)					
= 30.60m ³					
3/43 parapet Construction of plain/					
Reinforced Cement -- do --					
Qty = (2 $\times$ 15.40m $\times$ 0.60m $\times$ 0.40m)					
= 7.39m ³					
for 2 culverts Qty = (2 $\times$ 7.39m ³)					
= 14.78m ³					
4/45 providing drainage spouts -- do --					
Qty = 4 nos.					
for 2 culverts = (2 $\times$ 4 nos)					
= 8 nos.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
W/W:- Construction of Road from Bhokri to Harara Under MR-3055.					
Name of Agency:- Ajay Kumar					
Agreement No:- DB/MBD/2021-22					
Date of Start:- 17/08/2021					
Date of Completion:- 16/06/2022					
(1) Clearing and grubbing Road Land - - do - -					
Qty = 0.9 Hec P-31					
@Rs 52966.70/Hec Rs 47670 = 00					
(2) Dismantalling of Existing structures - - do - -					
Qty = 8.640 m ³ P-31					
@Rs 235.20/m ³ Rs 2032 = 00					
(3) providing Laying and spreading - - do - -					
Qty = 892.456 m ³ P-31					
@Rs 2179.55/m ³ Rs 1945139 = 00					
(4) providing Laying spreading and Compacting - - do - -					
Qty = 427.03 m ³ P-31					
@Rs 3836.07/m ³ Rs 1638117 = 00					
(5) providing Laying spreading and Compacting WBM Gr-II - - do - -					
Qty = 472.475 m ³ P-32					
@Rs 3550.519/m ³ Rs 1677531 = 00					

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6/8) providing and Applying primer coat					
- do -					
Qty = 6361.27 m ²			P-32		
@ Rs 44.007/m ²			Rs 279940 = 00		
(7/9) providing Laying & Rolling of close graded					
- do -					
Qty = 10309.37 m ²			P-32		
@ Rs 206.599/m ²			Rs 2129906 = 00		
(8/10) providing & Applying tack coat					
- do -					
Qty = 25370.64 m ²			P-32		
@ Rs 15.03/m ²			Rs 381321 = 00		
(9/11) providing and Laying S.D.B.C					
- do -					
Qty = 376.532 m ³			P-32		
@ Rs 10206.69/m ³			Rs 3843145 = 00		
(10/12) Reinforced Cement Concrete					
Mix graded - do -					
(i) RM Stone					
Qty = 03 nos			P-32		
@ Rs 2320.19/E			Rs 6961 = 00		
(ii) 200mm Stone					
Qty = 12 nos			P-32		
@ Rs 632.76/E			Rs 7593 = 00		
(11/14) Retro-Reflectorised traffic sign					
- do -					
Qty = 13.44 m ²			P-33		
@ Rs 12377.02/m ²			Rs 166347 = 00		

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12/19) providing and fixing of Retro-reflectorised					do
① 600mm equilateral triangle					
Qty = 40 nos			P-33		
@ Rs 4015.58/E					Rs 160623 = 00
② 600mm Circular					
Qty = 10 nos			P-33		
@ Rs 4319.26/E					Rs 43193 = 00
③ 600mm x 450mm Rectangular					
Qty = 10 nos			P-33		
@ Rs 4170.50/E					Rs 41705 = 00
(13/20) providing and laying Rubble Strips					do
① Thermoplastic paint					
Qty = 22.50 m ²			P-33		
@ Rs 721.90/m ²					Rs 16243 = 00
② Road Strips					
Qty = 225 nos			P-33		
@ Rs 223.14/E					Rs 50202 = 00
(14/21) Reinforced Cement Concrete M15					
Grade					do
Qty = 72 nos			P-33		
@ Rs 553.16/E					Rs 39828 = 00
(15/23) planting of trees					do
Qty = 200 nos			P-33		
@ Rs 844.36/E					Rs 168872 = 00
(16/24) providing and laying of hot applied					do
Qty = 924 m ²			P-33		
@ Rs 721.90/m ²					Rs 667036 = 00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17/25) providing and fixing of typical N.M.G.Sy - do -					
Qty = 02 nos				P-34	
@ Rs 9673.05/E					Rs 19346 = 00
(18) Citizen Information					
Qty = 02 nos				P-34	
@ Rs 9673.05/E					Rs 19346 = 00
(19) providing and fixing of logo of maintenance - do -					
Qty = 02 nos				P-34	
@ Rs 9673.05/E					Rs 9673 = 00
(18/27) (1) Brick masonry work in Cement mortar - do -					
Qty = 13.44 m ³				P-34	
@ Rs 5717.03/m ³					Rs 76837 = 00
(2) plastering with Cement mortar - do -					
Qty = 167.68 m ²				P-34	
@ Rs 183.90/m ²					Rs 30836 = 00
(21) painting two coats - do -					
Qty = 167.68 m ²				P-34	
@ Rs 101.40/m ²					Rs 17003 = 00
(19) R/W in excavation - do -					
Qty = 29.80 m ³				P-34	
@ Rs 305.42/m ³					Rs 9102 = 00

Continuation

Continuation