

Name of Road - Bahuarra Amarthha
Path to Bad
Schedule XLV-Form No. 134

Murlihar - Singh DIVISION
Package No - MR-N/2023-24 Sasaram
-2/06
karakat SUB-DIVISION

MR No - 1275

MEASUREMENT BOOK

1.
Name of work -
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.	
N/w - construction of road from					
Bahura Amartha Path to Bad					
Agency -	Murkhdhar	Singh			
Add:- Company	Sarai,	Lauza road			
	Sasaram,	Rohitas			
Agg. no. -	06/m	BD/2024-25	SSM-2		
Date of work start:-	23.10.20	24			
stipulated date of Compl ^y :-	22.07.2025				

MEASUREMENT				
(1/1) Cleaning & Grubbing road laid				
by (manual means) - do - - -				
Qty = $2 \times 1610 \times 0.750 = 2415 \text{ m}^2$				
= 0.2415 Hect.				
(2/3) Providing GSB with well graded				
material (Gr-II) - do - - -				
(As per pot patch) CH 0.000 to 1.610 Km				
No.	L(m)	B(m)	Area (m ²)	
3 X	1.24	1.03	= 3.83	
3 X	2.37	1.21	= 8.60	
5 X	2.65	1.05	= 13.91	
2 X	2.65	1.21	= 6.41	

Continuation



Particulars	Details of actual measure				Contents of area
	No.	L	B.	D.	
	2x	3.26	x 1.06	=	6.91 m ²
	6x	2.36	x 1.09	=	15.43 m ²
	3x	4.24	x 1.21	=	15.39 m ²
	8x	2.27	x 1.05	=	19.07 m ²
	7x	3.20	x 1.21	=	27.10 m ²
	8x	1.24	x 1.08	=	10.71 m ²
	4x	3.27	x 1.05	=	13.73 m ²
				=	141.09 m ²

Construction of Protection work :-

(3/19) E/w in excavation for str.					
--- do ---					
(15+8.50) x 0.80 x 1.4				=	26.32 m ³

2x20 x 0.80 x 1.4				=	44.80 m ³
(20+7.50) x 0.80 x 1.4				=	30.8 m ³
15 x 0.80 x 1.4				=	16.8 m ³
(20+19) x 0.80 x 1.4				=	43.68 m ³
				total =	162.40 m ³

(4/20) Providing p.c MIS concrete for plain concrete in open foundation				--- do ---	
(15+8.50) x 0.80 x 0.150				=	2.82 m ³
2x20 x 0.80 x 0.150				=	4.80 m ³
15 x 0.80 x 0.150				=	1.80 m ³
(20+19) x 0.80 x 0.150				=	4.68 m ³
(20+7.50) x 0.80 x 0.150				=	3.30 m ³

Continuation total = 17.40 m³

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(5/22) supplying, fitting and placing HYSD bar reinforcement - do -					
vertical bar 12 mm @ 100 mm c/c					
Wt. =					
$\left[\frac{23500}{100} + 1 \right] \times 5.01 \times 0.89 = 1052.30 \text{ kg}$					
$(400 + 1) \times 5.01 \times 0.89 = 1788.02 \text{ kg}$					
$(275 + 1) \times 5.01 \times 0.89 = 1230.66 \text{ kg}$					
$(150 + 1) \times 5.01 \times 0.89 = 673.29 \text{ kg}$					
$(390 + 1) \times 5.01 \times 0.89 = 1743.43 \text{ kg}$					
sub total					$= 6487.70 \text{ kg}$
					(i)
Horizontal bar 10 mm @ 150 mm c/c					
$22 \times (12 + 12) \times 2 \times 0.62 = 654.72 \text{ kg}$					
$22 \times (3 \times 12 + 5.8) \times 2 \times 0.62 = 1140.30 \text{ kg}$					
$22 \times (27.5 + 2 \times 0.6) \times 2 \times 0.62 = 782.94 \text{ kg}$					
$22 \times (15 + 1 \times 0.6) \times 2 \times 0.62 = 425.57 \text{ kg}$					
$22 \times (39 + 3 \times 0.6) \times 2 \times 0.62 = 1113.02 \text{ kg}$					
sub total					$= 4116.55 \text{ kg}$
					(ii)
total = i + ii					
= 10604.25 kg					
Total = 10.60 MT					
Qty					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(22/15) Providing and fixing of typical masonry infomatory sign board with Logo - do -					
Qty = 3 no.					(Page-3)
@ Rs. 10795.24/piece					Rs. 32386=00
(23/2) Construction of subgrade & earthen shoulder - do -					
Qty = 1267.88 m ³					
@ Rs. 264.72/m ³					Rs. 335633=00
(24/13) Planting of trees by the road side and maintaining					
- - - do - - -					
the plants for one year.					
Qty = 71 no.					92662=00
@ Rs. 1305.10/each					Rs. 105713=00
					5773820
					Rs. 5786871=00
Add 18% GST					1039288=00
					Rs. 1041637=00
Add 1% L.C.					57738=00
					Rs. 57869=00
Add S.O.F.					54241=00
					Rs. 57105=00
Rs. 6925087=00					Rs. 6943482=00
					6907774=00
Less 0.25% below					Rs. (-) 17353=00
					Rs. 6907774=00
less previous allot. (-)					Rs. 6518000=00
					Rs. 389774=00

Continuation

(W) Dhruv
15/01/25
AB

11/1



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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
E/w = 1267.88 m ² @ Rs. 35.25/m ²					
GSB 4-II					
(26.5-9.5mm) Agg. = 10.37 m ³ @ Rs. 901.46/m ³					
(9.5-2.36mm) Agg. = 7.40 m ³ @ Rs. 429.97/m ³					
Local sand = 11.85 m ³ @ Rs. 144.75/m ³					
WBM 4r-II :-					
(63-45mm) Agg. = 25.18 m ³ @ Rs. 992.23/m ³					
stone screening = 5.56 m ³ @ 429.97/m ³					
Binding material = 1.67 m ³ @ 161.62/m ³					
WBM 4-III :-					
(53-22.4mm) = 58.66 m ³ @ Rs. 1100.04/m ³					
stone screening = 11.64 m ³ @ 424.21/m ³					
40mm = 61.65 m ³ @ Rs. 992.23/m ³					
20mm = 57.48 m ³ @ Rs. 1207.16/m ³					
10mm = 28.04 m ³ @ Rs. 595.16/m ³					
coarse sand = 75 m ³ @ Rs. 562.80/m ³					
filter media = 73.08 m ³ @ Rs. 689.23/m ³					
(9.5-4.75mm) Agg. = 127 m ³ @ Rs. 595.16/m ³					
(4.75mm & below) = 91.35 m ³ @ Rs. 429.97/m ³					
faller = 6.74 tonnes @ Rs. 3000/tonne					
Brick = 3024 ^{no.} @ Rs. 5.27/no.					
Emulsion (SS-1) = 0.55 MT					
Emulsion (RS-1) = 1.66 MT					
Bitumen (S-95) = 17.59 MT					

Continuation

1st & 2nd all recd

