

Mmussy (Wen) - 5046 to 802ha Kalem - (10.755) km

Schedule XLV-Form No. 134

Ag. No. - 01 SBD/2022-2023

Sherghat

DIVISION

Amas

SUB-DIVISION

Sonu Kumar

MEASUREMENT BOOK

1411

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Tst on A/c Bill					
Name of Work:- Construction of Road					
from Lohak to Dolha-Kala					
Head:- M.M. (S.Y. (Gen.))					
Name of Contractor:- Sanu Kumar					
Agreement No:- 01/SBI/2022-23					
Agreement Value:- RS 91,356.00					
Date of Work start:- 07.04.2022					
Date of Completion:- 06.04.2023					
Date of Measurement:- 7/10/22,					
29/10/22, 17/11/22, 5/12/22, 21/12/22					
16/1/23					
— Items —					
1. Const of reference and					
working bench mark.					
30x25.00 = 750.00m					
1x5.00 = 5.00m					
755.00m					
= 0.755 Km.					
2. Const of reference Pillars/					
Burgers.					
30x25.00 = 750.00m					
1x5.00 = 5.00m					
755.00m					
= 0.755 Km.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
24 Providing p.c.c. H2A grade in sub-str.					
A/W $\frac{2 \times 6.00 \times 2.44 + 0.70 \times 3.80}{2}$					$= 76.15 m^3$
R/W $\frac{4 \times 3.52 + 4.17 \times 2.24 + 0.40 \times 4.43}{2}$					$= 89.94 m^3$
Riser $\frac{1 \times 6.00 \times 2.90 + 1.00 \times 5.50}{2}$					$= 47.85 m^3$
					$217.94 m^3$
25 S/F/F HSD bar reinforcement in super str.					
A/W cap & Dirt wall					
Main bar $2 \times 31 \times 1.60 \times 0.89$					$= 88.29 kg$
Binder $2 \times 12 \times 6.00 \times 0.395$					$= 56.88 kg$
Main bar $2 \times 31 \times 1.90 \times 0.89$					$= 104.84 kg$
Binder $2 \times 8 \times 6.00 \times 0.395$					$= 37.92 kg$
Main bar $1 \times 48 \times 2.20 \times 0.89$					$= 93.98 kg$
Binder $1 \times 10 \times 6.00 \times 0.395$					$= 23.70 kg$
					$409.61 kg$
					$= 0.4056 m^3$
By					
7/10/22					
J.E					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Reinforcement Measurement</u>					
1. Providing Rebar in grade					
in sub-str.					
Pier cap	1	6.00	1.00	0.70	$= 1.26 m^3$
A/w cap	2	6.00	0.30	0.20	$= 0.72 m^3$
Dirt wall	2	6.00	0.40	0.63	$= 3.02 m^3$
					<u>$4.94 m^3$</u>
2. S/F/F HySD bar reinforcement in super-str.					
Deck slab:-					
Bottom main	2	5.3	5.93	2.47	$= 1552.59 kg$
B. Dist	2	4.0	6.00	0.89	$= 491.28 kg$
Top main	2	2.7	5.60	0.62	$= 192.51 kg$
Top dist	2	2.5	6.00	0.62	$= 186.60 kg$
Chair bar	54	1.60	0.80	0.89	$= 76.90 kg$
Kerb & End full bar					
Main bar	2	8.5	1.80	0.62	$= 189.72 kg$
Dist bar	2	4	11.20	0.395	$= 35.39 kg$
					<u>$2724.39 kg$</u>
					$= 2.7244 M.T.$
<u>Ans</u> $\frac{2724.39}{1000}$ $= 2.7244$ S.E.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of cost.					
1/1 Const. of reference &					
working bench marks.					
Qty. vide TMB item					
no 1 PM 1 = 0.755 km.					
CM 3732 = 45/km - B 2818 = 40					
2/2 Const. of reference					
Pillars/ Burjees.					
Qty. vide TMB item					
no 2 PM 1 = 0.755 km					
CM 1696 = 97/km - B 1281 = 40					
3/3 Clearing & Carrying of					
road canal.					
Qty. vide TMB item.					
no 3 PM 2 = 0.519 Hect.					
CM 53907 = 68/Hect - B 27,978 =					
4/6 Const. of embankment with					
lead up to 1000 m.					
Qty. vide TMB item.					
no 1 PM 8 = 632.10 m ³					
CM 192 = 09/m ³ - B 191,420 =					
5/7. Const. of embankment					
with lead 100 m.					
Qty. vide TMB item					
no 1 (ii) PM 8 = 1474.90 m ³					
CM 154 = 68/m ³ - B 2,28,138 =					
C/O - B 381,635 =					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B/F - 0.5955, 465 = 0
					Qty. vide TMB item
					no 4 P no 10 = 2 no 3.
					@ 809 = 51/each - 1619 = 0
23/49	Providing & laying				
	1000 mm dia. concrete pipe				
	Qty. vide TMB item				
	no 6 P no 4 = 7.50 m				
	@ 3590 = 20/m - 1526, 927 = 0				
24/50	Providing & laying concrete				
	dia. concrete pipe				
	Qty. vide TMB item				
					no 8 P no 3 = 15.00 m
	@ 1134 = 04/m - 157011 = 0				
25/51	Providing & laying cement				
	concrete pipe no 3.				
	Qty. vide TMB item				
	no 9 P no 3 = 30.00 m				
	@ 710 = 295/m - 1521329 = 0				
26/52	Laying 1st class bedding				
	Qty. vide TMB item				
	no 10 P no 3 = 4.98 m ³				
	@ 524 = 78/m ³ - 152613 = 0				
27/53	Providing sand filling				
	in foundation trenches				
					c/o - 1560, 24964 = 0

Continuation

Continuation