

NABARD - Gayathri to Bahera kala - 1.053 km

Ag.No - 80 SSD / 2020 - 2021

Schedule XLV-Form No. 134

Arun Kumar Singh

Shenghosi

DIVISION

Amas

SUB-DIVISION

Measurement Book

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2nd on A/c Bill.					
Name of Work:—Construction of Road from Garghatta to Pithora Kala Under MABARD Scheme					
Name of contractor:—Anur Kumar Singh, Manjharika, Amra.					
Agreement No:—80/SBD/2021-22					
Date of Agreement—26.11.2020					
Date of Completion—25.11.2021					
Date of Measurement—14.07.19.078					
—Stems—26.07.2021					
1. Provision, Laying, Spreading and rolling Stone					
Aggregates of W.B.M.T.					
$10 \times 30.00 \times 3.75 \times 0.075 = 84.38 \text{ m}^3$					
$10 \times 30.00 \times 3.75 \times 0.075 = 84.38 \text{ m}^3$					
$10 \times 30.00 \times 3.75 \times 0.075 = 84.38 \text{ m}^3$					
$2 \times 30.00 \times 3.75 \times 0.075 = 16.88 \text{ m}^3$					
270.02 m ³					
Const. of 1x2.00 Span R.C.C. Culvert.					
2. E/W in excavation in the found for 8tr					
$A/W - 2 \times 7.60 \times 2.30 \times 1.60 = 55.94 \text{ m}^3$					
$W/W - 4 \times 1.60 \times 2.10 \times 1.60 = 21.50 \text{ m}^3$					
81.44 m ³					
77.44 m ²					
3. Providing R.C.C. Miograde in open formwork					
$A/W - 2 \times 7.60 \times 2.30 \times 0.20 = 6.99 \text{ m}^3$					
$R/W - 4 \times 1.60 \times 2.10 \times 0.20 = 2.69 \text{ m}^3$					
9.68 m ³					

P.T.O.

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
4. Providing P.C.C. 1:1.5 grade in open trench					
A/W = $2 \times 6.70 + 2.40 \times 2.10 + 1.50 \times 1.40$					$34.27 m^3$
R/W = $4 \times 1.60 \times 1.30 + 1.30 \times 1.40$					$14.34 m^3$
					$48.61 m^3$

5. Providing P.C.C. 1:1.5 grade in sub-str.					
A/W = $2 \times 6.00 \times 1.30 + 0.70 \times 1.80$					$21.60 m^3$
R/W = $4 \times 1.70 + 2.30 \times 1.10 + 0.40$					$12.54 m^3$
					$34.14 m^3$

6 S/F/F HYSD bar reinforcement

ment in S/S.					
A/W Cap & Ditch wall-					
Main bar $2 \times 41 \times 2.10 \times 0.89$					$153.26 kg$
Binder $9 \times 8 \times 6.00 \times 0.62$					$59.52 kg$
					$212.78 kg$
$\frac{212.78}{14/7/21}$					$= 0.213 M.T.$
J.E.					
Alet					
14.7.21					
A.E.					

Material Statement

1. Stone Aggregate - $402.22 m^3$					
2. Stone Screening - $64.80 m^3$					
3. coarse sand - $44.366 m^3$					
4. cement - $25.176 M.T.$					
5. Reinforcement - $0.213 M.T.$					
A/E					

Continuation
J.E.

Record Measurement -

1. Providing R.C.C. M20 grade
in sub-structure

R/W column - $4 \times 2.30 \times 0.40 \times 0.15 = 0.55 \text{ m}^3$
 Kerb - $2 \times 2.60 \times 0.40 \times 0.60 = 1.25 \text{ m}^3$
 E. Pillar - $4 \times 0.40 \times 0.40 \times 0.60 = 0.38 \text{ m}^3$
 2.18 m^3

2. Providing R.C.C. M25 in S/S

$1 \times 2.60 \times 6.00 \times 0.24 = 3.74 \text{ m}^3$

By
 $\sqrt{261712}$
 S.E.

Accepted
 22-10-21
 A-13

materials

1. cement	2.274 M.T
2. coarse sand	2.664 m ³
3. Stone Aggregate	5.328 m ³

Continuation

Ans $\sqrt{2617/21}$
J.E.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
BIF ———					$127,10,890 = u$
Qty. vide THB item.					
NO 35 PM 12 —					
(A) Up to 600 mm dia. H.P.					
10.00 m @ 169 = 11/m					$1691 = u$
(B) Above 600 mm to 900 mm H.P.					
10.00 m @ 228 = 68/m					$2287 = u$
12/36 E/W in excavation in					
foundation for str.					
Qty. vide THB item					
NO 36 PM 12 = 100.62 m ³					
Item NO 3 PM 15 = 77.44 m ³					
					178.06 m ³
Limit — 164.08 m ³					
@ 285 = 17/m ³					$46,791 = u$
13/37 Providing P.C. H/A grade					
in open foundation					
Qty. vide THB item					
NO 37 PM 12 = 7.93 m ³					
Item NO 3 PM 15 = 9.68 m ³					
					17.61 m ³
Limit — 16.49 m ³					
CRS 44 SD = 02/m ³					$79,248 = u$
14/38 Providing P.C. H/A grade					
in open foundation					
Qty. vide THB item					
NO 38 PM 12 = 56.44 m ³					
Item NO 4 PM 16 = 48.61 m ³					
					105.05 m ³
Limit — 96.22 m ³					
Continuation					
@ 4308 = 54/m ³					$4,14,568 = u$
C/O — 32,48,475 = u					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B/E — — —					15.32.48, 475=10
15/39 Providing R.C.C. H.S. grade					
in sub-str.					
Qty. Vide TMB item.					
NO 39 PM 13 = 30.60 m ³					
Item NO 5 PM 16 = 34.14 m ³					
Limit — 63.65 m ³					64.74 m ³
CM 4490 = 66/m ³					4285,831=
16/40 Providing R.C.C. H.S. grade					
in sub-str.					
Qty. Vide TMB item.					
NO 1 PM 17 = 2.832 m ³					
Item NO 1 PM 18 = 2.18 m ³					
Limit — 4.46 m ³					5.012 m ³
CM 5338 = 02/m ³					23,8082=
17/41 Providing R.C.C. H.S. grade					
in super. str.					
Qty. Vide TMB item					
NO 2 PM 18 = 3.74 m ³					
CM 6091 = 19/m ³					422781=
18/42 S/F/F H.S.D bar reinforcement					
ment in S/S.					
Qty. Vide TMB item.					
NO 6 PM 16 = 0.213 H.T.					
Item NO 9 PM 17 = 0.449 H.T.					
Limit — 0.662 H.T.					
CRS 42495 = 40/H.T.					41,372=

Continuation

C/O — 36,22,267=10

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
B/F				B3622.267=u
19/43 Providing back filling				
Sty. made TMB item				
no 3 PNO 7 = 35.334 ³				
@ B35 = 19/m ³ — B323.507=u				
20/45 Providing & laying 1000 mm.				
dia. flume — 1/2 e.				
Sty. made TMB item				
no 45 PNO 13 = 15.00 m.				
@ B3453 = 11/m — B51.797=u				
21/49 Providing sand filling				
in formulae trenches				
Sty. made TMB item				
no 49 PNO 13 = 19.38 m ³				
@ B571 = 26/m ³ — B11071=u				
				B37,14,642=u
Add 1% labour cess — B37146=u				
Add 12% C.S.T. — B445.757=u				
				B41,97,545=u
Less 10% cov. below — B419.755=u				
				B37,77,790=u
Deduct previous				
Payment —				B324,49,856=u
				TR013,27,934=u
Asy				
26/7/21				
S.E.				
COP				
22-10-21				
AB				
6/12				

Continuation