

12-20-79 SBD/20-21
To4 Pm955 to Scibib ke 549 Khet89
Schedule XLV-Form No.-134

DIVISION

BAISI SUB-DIVISION

MEASUREMENT BOOK

1365

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.	
<u>Record entry</u>					
Name of Work - Construction of road from Toy PMHSY to Sabir Ka Ghar Khoksa					
Name of Agency - Rudra Construction					
Agreement no - 79 SOD/2020-21					
Date of Agreement - 25-11-2020					
Date of Completion - 24-08-21					
①/15	PIV and fixing logo of MMHSY Informatory Sign board				
	— do — do —				
	— 1 nos				
②/16	PIV and fixing citizen Information Sign board.				
	— do — do —				
	— 1 nos				
③/28	E/W in excavation for structure — do — do —				
Bank Bridge	1	19.0	7.40	3.087	= 434.032 m ³
Shankay	2	19.0	0.40	1.65	= 25.08
R/W	2	3.50	10.10	3.22	= 227.654
					= 686.766

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) / 24	PIV end lagging H-15 pec				
	as per drawing - do - do -				
Box Bridge	19.0	6.40	0.15		18.24 m ³
S. Key	2	19.0	0.40	0.15	2.28 "
R.W	2	31.5	9.60	0.15	9.072 "
					24.592 m ³
(5) / 44	PIV Pressure relief Pipe				
	do - do -				
	27 nos.				
	15/4/21 AK				15/4/21 MM Jun

Record entry:

①	SIFIF HVSD box reinforcement in
	Sub structure —
	— do — do —
	Shear Key
	10 mm ϕ @ 150 c/c
	2 $\times$ 126 $\times$ 4.35 = 1098.20 m
	@ 0.62 kg/m — 679.64 kg.
	binden 10 mm ϕ
	2 $\times$ 10 m $\times$ 19.0 m = 380.0 m
	@ 0.62 kg/m — 235.60 kg.
	— 915.24 kg.
	a ₁ 0.915 MP
	(17)
	18/4/21 Continuation AK 18/4/21 MM Jun

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
12mm @ 150 c/c					
$4 \times 21 \times 4.50 \text{ m} = 378.0 \text{ m}$					
@ 0.888 g/m					335.66 kg
					6748.46 kg
					6.748 MT
(c) ✓					
Total Qty in Substructure					
A+B+C					
$= 0.915 \text{ MT} + 13.103 \text{ MT} +$					
$6.748 \text{ MT} = 20.766 \text{ MT}$					
<i>[Signature]</i> 29/4/21 JAE <i>[Signature]</i> 29/4/21 JAE					

(2) Record entry					
PIV and laying Rec M-25 grade.					
Concrete in Substructure					
do - do -					
B-slab	-	$19.0 \times 6.40 \times 0.45 = 54.72 \text{ m}^3$			
S-wall	-	$2 \times 6.40 \times 0.50 \times 3.0 = 19.20 \text{ m}^3$			
M-wall	-	$2 \times 6.40 \times 0.50 \times 3.0 = 19.20 \text{ m}^3$			
B-slab	-	$2 \times 3.0 \times 9.60 \times 0.450 = 25.92 \text{ m}^3$			
R/W-I	-	$4 \times 1.0 \times 0.30 \times 3.15 = 3.78 \text{ m}^3$			
R/W-II	-	$4 \times 3.0 \times 0.325 \times 2.65 = 11.92 \text{ m}^3$			
Haunch	-	$6 \times 6.40 \times \frac{0.150 + 0.150}{2} = 0.432 \text{ m}^3$			
Bracket	-	$2 \times 6.40 \times 0.45 \times 0.30 = 1.728 \text{ m}^3$			
	-	$2 \times 6.40 \times \frac{0.30 + 0.30}{2} = 0.528 \text{ m}^3$			
<i>[Signature]</i> 18/5/21 JAE <i>[Signature]</i> 18/5/21 JAE					
Continuation 10/5/21 JAE					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Kerb</u>					
(X) 10 mm ϕ 150 c/c					
		$2 \times 11.5 \text{ m} \times 2.10 \text{ m} = 483.0 \text{ m}$			
		$@ 0.62 \text{ g/m}$			299.46 kg.
(Y) Binder 10 mm ϕ					
		$2 \times 6 \times 17.0 \text{ m} = 204.0 \text{ m}$			
		$@ 0.62 \text{ g/m}$			126.48 kg.
<u>Bracket</u>					
(19) 12 mm ϕ 150 c/c					
		$2 \times 43 \times 2.89 = 248.54 \text{ m}$			
		$@ 0.888 \text{ g/m}$			220.70 kg.

(20) 12 mm ϕ					
		$2 \times 5 \times 6.30 = 63.0 \text{ m}$			
		$@ 0.888 \text{ g/m}$			55.94 kg.
					$= 706.228 \text{ kg}$
					or 7.062 MT.

~~For FISH~~

~~Drum~~

17/5/21

50

Record entry

(21) 35	ply and laying Rec				
	M-30 grade concrete in				
	Subp structure				
	do - do				

Box Bridge.

$$17.0 \times 6.40 \times 0.4725 = 51.952 \text{ m}^3$$

Heunch.

$$6 \times 6.40 \times \frac{0.15 + 0.15}{2} = 0.432 \text{ m}^3$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Record entry.</u>					
①/28	B/W in excavation for structure — do — do —				
C. Wall.	26.04	2.50	2.15	2	139.985 ³
	30.04	2.85	2.65	2	226.877 ³
	19.0	3.0	0.10	4	5.712 "
	19.04	5.0	0.10	2	9.52 "
	19.04	3.0	0.30	1	17.136 "
	19.04	5.0	0.30	1	28.56 "
					427.77 ³
②/29	PIV and laying				

P stream	pec (M5)	— do — do —	
	25.04	1.7	42.818 ³
S.	29.0	2.19	63.598 "
			106.416 ³

③/29	PIV and laying 100 mm thick Rivet concrete bedding — do — do —				
	19.04	3.0	0.10	2	5.712 ³
	19.04	5.0	0.10	1	9.52 "
					15.232 ³

21/6/21
AE

21/6/21
JW

ABSTRACT OF COST.

①/15 PIV and firing logo
of MMUSY — do — do —

Vide Page No. ① - 1 nu.

① R. 9676.89/each — R. 9677 = 00

②/16 PIV and firing logo of
Citizen Information Sign
board — do — do —

Vide Page No. ① - 1 nu.

① R. 9676.89/each — R. 9677 = 00

CO. R. 19354 = 00

BF R. 193542 m

③/28 e/w in excavation for
Structure — do — do —

Vide Page No - ① — 686.756 m³

Vide Page No - ⑩ — 427.72 "

— 1114.536 m³

④ R. 294.73/m³ — R. 3284872 m

④/29 PIV and laying pce
(Mis) as per drawing

— do — do —

Vide Page No ② — 29.592 m³

Vide Page No ⑩ — 106.416 m³

Vide Page No ⑩ — 15.232 "

— 15.24 m³

④ R. 5735.48/m³ — R. 8674342 m

⑤/30 PIV Weep holes in about
end RM — do — do —

Vide Page No ⑨ — 48 m.

① R. 120.99/each. — R. 5807200

5807200
581200
500

⑥/31 PIV Rec Mts grade in
Sub structure —

Vide Page No ③ — do — do —

Vide Page No ⑥ — 22.80 m³

148.0523 m³
137.425

160.225 m³

④ R. 7230.84/m³ — R. 10705422 m

11589232 m

④ R. 23747792

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7)/32	SIRIF HYSD bar reinforcement in sub structure				
	do do				
Vide Page No - (6)	20.766 MT				
	Sq. - 20.757 MT				
	© R. 56382.98/MT				R. 1120347 = 0
(8)/35	PIV and laying Rec M-30 grade concrete in Syph structure				
	do do				
Vide Page No - (9)	56.97 m ³				
	© R. 7849.81/m ³				R. 4472042 = 0

(9) SIRIF HYSD bar reinforcement in Syph structure.

do do

Vide Page No (8) 7.062 MT

© R. 57578.42/MT - R. 406619 = 0

(10) PIV and lining drain spouts

do do

Vide Page No - (9) - 12 m.

© R. 455.61/each - R. 5467 = 0

(11)/39 PIV and laying M30 grade

working coat - do do

Vide Page No - (9) 7.01 m³

© R. 13415.2/m³

R. 94039 = 0

© R. 4498455 = 0

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BfR	4498455.00
(12) PN Pressure Relief Pipe					
do - do					
Weld for No (2) - 27 m.					
				c R. 452.891	12223 = 00
				4510638	
				4515904	20
Less 0.05%				c R. 2258	= 00
				c R. 4513646	20
Add 1 H. L. Con				R. 45136	20
Add 12 H. L. Con				R. 541637	20

c R. 57,004,192.00

21/6/21
AE

21/6/21
JN