

5-11-2021
IDAEUPV8535L2ZM

Waring

Cont. of Rec. Bridge H-L over
Muga River near Midland Village
Under Naird (State Scheme)

Naird
(Bridge)

Schedule XLV Form No. 134.

E.E. R.W.D(W)

DIVISION

Praga

A.E. R.W.D(W)

SUB-DIVISION

Waring

Measurement Book

Ramchandra Jodha

3025

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.	

IST on AIC Bill

Name of Work: Const of Rce H.L Bridge
(Size 2x 18.75m) over Muga
River Near Madordih
Village (Size 2x 18.75m)
under State Scheme (NABARD)

Agency: Ramchondra Yadav

Aggt no: 129/NABARD/SBD/2021-22

BOW: 27. 4. 2021

Toc: 26. 4. 2022

Date of Measurement: 10. 5. 21

① E/W in excavation in
for trenches done
(upto 3m) all complete job

Abut: A1: $1 \times 9.45 \times 9.40 \times 3.0 = 266.40 \text{ m}^3$

Pier (P): $1 \times 8.00 \times 9.40 \times 0.52 = 39.10 \text{ m}^3$

Abut A2: $1 \times 9.45 \times 9.40 \times 8.0 = 266.40 \text{ m}^3$

572.08 m³

② Piv Pce M15 in landing
course in for done

Abut A1: $1 \times 8.75 \times 8.70 \times 0.15 = 11.41 \text{ m}^3$

Pier (P): $1 \times 7.30 \times 7.30 \times 0.15 = 7.99 \text{ m}^3$

Abut (A2): $1 \times 8.75 \times 8.70 \times 0.15 = 11.41 \text{ m}^3$

Sch. XLV-Form No. 134

Sch. XLV-Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
2nd on A/c Bill					
Name of work: Const of RCC H.L Bridge					
(Size 2X 18.75m) over Mugra					
River Near Maderdihi village					
under state scheme (NABARD)					
Agency: Ram chandra Yadav					
A/c No: 129/NABARD/SBD/2021-22					
Dow: 27.4.2021					
Toc: 26.4.2022					
Date of Measurement: 19-11-2021					
(1) S/F/F HYSD Bar reinforcement					
in Abut A, shaft in					

Sub structure do do					
Main Bar (E/F face opp face) 20mm ϕ					
$2 \times 80 \text{ nos} \times 7.555 \text{ m} \times 2.465 \text{ kg/m} = 2979.69 \text{ kg}$					
Main Bar (Side face) 16mm ϕ					
$20 \text{ nos} \times 7.579 \text{ m} \times 1.578 \text{ kg/m} = 239.194 \text{ kg}$					
Link 10mm ϕ					
$250 \text{ nos} \times 1.680 \text{ m} \times 0.616 \text{ kg/m} = 254.104 \text{ kg}$					
DISH 6mm ϕ					
$54 \text{ nos} \times 14.60 \text{ m} \times 1.578 \text{ kg/m} = 1244.43 \text{ kg}$					
6717.41 kg					
or 4.717 MT					

② Riv Rce M20 in Sub in

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Date 25-11-2021				
① S/F/F HYSD Bar reinf					
in Rwall do do all					
(Abut A, Side)					
Main Bar 25mmφ (E/Face)					
28 nos × 5.053 × 3.851 kg/m = 542.374 kg					
16mmφ (opp. E/Face D/wall)					
28 nos × 2.979 m × 1.578 kg/m = 131.624 kg					
Vertical Bar 16mmφ					
44 nos × 7.11 m × 1.578 kg/m = 493.66 kg					
1167.658 kg					
or 1.167 kg T					

② P/W RCC M30 in pub					
Structure do do all (A1 side)					
$2 \times 4.20 \times 0.475 \times 1.00 = 3.99 \text{ m}^3$					
$2 \times 4.20 \times 0.475 \times 5.00 = 19.95 \text{ m}^3$					
23.94 m ³					


 JE 25-11-21

Accd
 25-11-21
 A-2

Date 29-11-2021

① S/F/F HYSD Bar reinf					
do do all in Abut Cars A, & A					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
① E/W in excavation in furn trenches du do vide MBP 7					
572.08 m ³ @ 1			310.73		
				177762.00	
② Riv Pce M15 in levelling in fdr du do all vide MBP 7					
30.81 m ³ @ 1			4139.79		
				127547.00	

(3/4) S/F LF HYSD Bar reinf in fdr du do all vide MBP 7					
17.97 m ³ @ 1			53337.85		
				958481.00	
(4/3) Riv Rcc M30 in fdr du do all vide MBP					
274.55 m ³ @ 1			5059.54		
				1389097.00	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/F 18	53	30961 = w

⑧ Piv Rcem 35 for Pedestal

(5m to 10m height)

in sub structure detail

vide TMBP 18

37.59m³ @ Rs 5485.25

15

205807.12

⑨ S/F/F elastomeric

Bearing detail all

vide TMBP 18

143520cc @ Rs 79

15

113381.12

⑩ Piv weep hole detail

vide TMBP 17

172m³ @ Rs 131.49

15

22618.12

⑪ S/F/F HYSD Bar reinf

in Super structure

vide TMBP 17

11.316MT @ Rs 54697.33

15

618951.12

⑫ Piv Rcem 30 in Super

Structure detail all

vide TMBP 18

92.81m³ @ Rs 6152.89

15

571049.12

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/P		Rs 6862767.00
Add 12 % GST (+)					Rs 823532.00
Add 1 % Lab cum (+)					686282.00
					Rs 7754927.00
Less already paid (-)					3938510.00
upto IST on A/C					
					Rs 3816417.00
<i>Sumit</i> 20.12.21					
M/Statement			A.E		55819.00
(i) S/Chips - 237.56 m ³					
(ii) Sand - 118.178 m ³					
<i>Sumit</i> 20.12.21					