

# Schedule XLV-Form No. 134

Executive Engineer

R.W.D. Works Division

Sitamati

DIVISION

Sonbarsa - SUB-DIVISION

Measurement Book

3832

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.	
					<i>2 ft m a/c hill</i>
<i>work</i>	<i>Coast of high level bridge</i>				
	<i>over Tawi river in Jammu</i>				
<i>date</i>	<i>21/12/24</i>				
<i>agency</i>	<i>Smt. Taxawadi Devi Sethwari</i>				
	<i>1/10. Steel Riser</i>				
<i>agreement no.</i>	<i>48 (S13A) / 1223-27</i>				
<i>Agreement value - cash amount</i>	<i>Rs 7,14,13,98/-</i>				
<i>cash amount</i>	<i>Rs 4,59,863/-</i>				
	<i>Total 4,718,738.44</i>				
<i>date of work start</i>	<i>12/12/24</i>				
<i>date of completion</i>	<i>11/12/24</i>				
	<i>Record measurement</i>				
<i>i) Demolition of existing pile, iron</i>					
	<i>- pile bridge</i>				
<i>i) L.C.E. m20</i>	<i>5.0 x 6.0 x 0.60</i>			<i>= 180 m<sup>3</sup></i>	
	<i>5.0 x 6.0 x 0.05</i>			<i>= 15 m<sup>3</sup></i>	
				<i>195 m<sup>3</sup></i>	
<i>(ii) Demolition of iron structure</i>				<i>1.0 cu</i>	
	<i>100 m<sup>3</sup></i>			<i>8/1/24</i>	
	<i>91.74</i>			<i>7.2</i>	
	<i>91.82</i>				

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Total measurement</u>					
1. Supplying fitting & placing concrete ties & bar reinforcement in pile foundation :- per m - 21					
<u>Pile for Abutment - (A)</u> spandar 25mm q	2	2.5	26.95	= 134.75 DM	
<u>Space bay</u> 16mm q	(@ 3.85 kg/m)				5187.88 kg
<u>Long</u> 12mm q	9	1.2	3.5	= 9.1 - 07	
	(@ 1.58 kg/m)				143.78 kg
	9 x 1.2 x 3.5 = 36.50 q				
	(@ 0.89 kg/m)				682.19 kg
					6013.85 kg
2. Pile for linear concrete for placing of wall, - rest per - 21					
for Aft.	2	2.0	0.54	= 1.08 (est) 2.10.0718	
3. Boxed cast iron bolts 225 grade 200. pile excluding reinforcement - per m - 21					
	2	2.5	m	= 50 m - 0	
	500000000	1120	kg		500000000 kg
					20/11/24
<u>Second measurement</u>					
1. Supplying fitting & placing concrete ties & bar reinforcement in pile foundation :- per m - 21					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/1 Abutment of existing like, second (last page bill)					
1/2 Dimension of existing like, second like bridge cement structure					
1/3 Total cost of 1000 ft - L					
1000 ft @ Rs 1673/- per m					Rs 326372/-
2/1 Abutment of from foundation					
Like city wide Town p-1					
1000 ft @ 5000/- per m					Rs 50000/-
3/1 Cost of 1000 ft bridge					
Receipe excluding reinforcement					
5000 ft wide Town p-2					
5000 ft wide Town p-3					
5000 ft wide Town p-4					
2500 ft wide Town p-5					
2250 ft @ Rs 26272/- per m					Rs 5911200/-
4/1 Supply putting placing reinforced Hydro bar reinforcement in foundation					
6013.85 kg city wide Town p-2					
6013.85 kg city wide Town p-3					
6013.85 kg city wide Town p-4					
9020.76 kg city wide Town p-5					
27062.31 kg					
or 27.062347 @ Rs 80223/- per mt					Rs 2171027
					Rs 8458599/-

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Particulars	Details of actual measurement				Contents of area sq.m.
	No.	A.	B.	D.	
S/6 P/M 1st	Linear distance	100 ft	100 ft	100 ft	81,585.97
of 100ft.	as per plan	100 ft	100 ft	100 ft	
1.08.02 ft	Width - Tens P	1 - 9			
1.08.03 ft	Width - Tens P	2			
1.08.07 ft	Width - Tens P	4			
1.08.05 ft	Width - Tens P	5			
1.08.05 ft	Width - Tens P	5			581,549.7
4,86.05 ft (C)	104998.27 per cent				8965148.2
Add'l 2 ft. L.C.		(1) 3			89651.2
Add'l 18 ft. C.S.T.		(1) 6			1613727.2
Add'l 2 ft. C.P.		(1) 3			42203.2
Add'l 2 ft. C.P.		(1) 3			10210729.2
C.L. 1.13% ac per agreement		(1) 3			1210.31.2
					10589698.5
Contents of material					
(i) coarse sand -	168.75 m <sup>3</sup>				
	@ Rs 502.80/m <sup>3</sup>				84898.5
(ii) 40 mm aggregate -	135 m <sup>3</sup>				
	@ Rs 72.38/m <sup>3</sup>				13396.5
(iii) 20 mm aggregate -	135 m <sup>3</sup>				
	@ Rs 120.7276/m <sup>3</sup>				163048.5
(iv) 10 mm aggregate -	62.5 m <sup>3</sup>				
	@ Rs 95.16/m <sup>3</sup>				50173.5
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Kurnau  
2/2/24