

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Q1/21. No.:- 57					01-09/05/22
Prev. Bal. →					69420
Add →					200318820
					200388220
Paid →					196716620
Bal. →					3671620
Execution:-					2205043118
					→ 12 05
					2022
					Work

3rd on etc bill

Name of work - Construc-

tion of bridge from

Proposed high level

bridge across Chawaria

River in place of Colla-

posed bridge between

Harsaini SH-74 to NH-28

Lender NABARD

Agency - Vijay Kumar

Jaipur (Reg. 21/20925)

Agreement No. - 11/SBD/2021-22

Date of work order - 30.09.2021

Date of completion - 29.09.2022

Continuation

Sch. XLV-Form No.134

Sch. XLV Form No. 134					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Method date of completion</u>					
<u>Measurement of work</u>					
① <u>Providing R.C.C. m-30 in</u>					
<u>abutment shaft & pier</u>					
<u>Shaft</u>					
<u>Abutment wall</u>					
	2x	8.45	0.60	3.575	= 36.2514 ³
Pier wall	1x	8.45	0.60	3.575	= 18.1254 ³
Heave	8x	0.50	8.45	(0.30) ²	= 3.0424 ³
			Total		57.4184 ³
② <u>Providing filling media</u>					
<u>Back filling behind</u>					
<u>with Stone masonry</u>					
<u>abutment, pier & walls R/W</u>					
	2x	7.65	0.60	3.575	= 32.8184 ³
	2x2x	1.50	0.60	3.575	= 12.8704 ³
			Total		45.6884 ³
③ <u>Providing & applying</u>					
<u>two coats of water</u>					
<u>based Cement Paint</u>					
					1000.0004 ^L
④ <u>Numbering & writing</u>					
<u>bridge details</u>					
	300x10				= 3000 cm ²
⑤ <u>Providing & painting</u>					
<u>of flood gauge</u>					
					1 job
⑥ <u>Providing & erecting</u>					
<u>direction & Place board</u>					
	2x	0.90			= 1.80 m ²

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑦ Providing & laying bed - for approach in river bed					
Flooring	2x	5.00	8.45	0.60	= 50.70 m ³
U/s Side	1x	11.80	4.00	0.60	= 28.32 m ³
D/s Side	1x	11.80	8.00	0.60	= 56.64 m ³
Approach road Side Toe					
A ₁ Side	1x2x	40.00	1.50	0.60	= 72.00 m ³
A ₂ Side	1x2x	40.00	1.50	0.60	= 72.00 m ³
			Total		279.66 m ³
⑧ Providing & laying P.C.C. Cheng on Slope					
Approach road Side Slope					
A ₁ Side	1x2x	40.00	1.156	0.30	= 27.745 m ³
A ₂ Side	1x2x	40.00	1.342	0.30	= 32.199 m ³
Below approach slab					
	2x	4.50	7.65	0.90	= 15.050 m ³
			Total		74.994 m ³
⑨ Providing & laying filter materials					
A ₁ Side	1x2x	40.00	1.156	0.15	= 13.878 m ³
A ₂ Side	1x2x	40.00	1.342	0.15	= 16.100 m ³
			Total		29.978 m ³
⑩ E.P.W. in excavation in foundation bracket In abutment of Quay Wall					
A ₁ Side	2x	20.00	1.50	1.95	= 117.00 m ³
A ₂ Side	2x	20.00	1.50	1.95	= 117.00 m ³
Continuation					
			Total		234.00 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) MIS gr Concrete in abutment					
A ₁ Side	2.00	20.00	2.255		90.20 m ³
A ₂ Side	2.00	20.00	2.255		90.20 m ³
		Total			180.40 m ³
(12) Nominal reinf for concrete in guard wall					
		80	40	78	= 3.26 m.T.
(13) Weep holes in guard wall					
A ₁ Side	2	20			= 40 Nos
A ₂ Side	2	20			= 40 Nos
		Total			80 Nos
(14) APPROACH ROAD					
(14) Clearing & grubbing road land					
	1	60.00	6.00		= 360.00 m ²
	1	60.00	6.00		= 360.00 m ²
	2	3.50	6.00		= 42.00 m ²
		Total			762.00 m ²
				or	0.076 Hs
(15) Construction of embankment					
in km					
A ₁ Side	1	60.00	$\frac{9.50+7.50}{2}$	$\times 0.51$	= 264.72 m ³
A ₂ Side	1	60.00	$\frac{9.90+7.50}{2}$	$\times 0.60$	= 313.20 m ³
Extra E/W in 15.00 m	2	15.00	0.558	$\times 0.558$	= 9.35 m ³
Less for cut & sub base					= 130.95 m ³
Continuation					
Total					456.32 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Granular Sub Base					
Gr. I					
A ₁ Side	1	60.00	4.05	0.20	48.60 m ³
A ₂ Side	1	60.00	4.05	0.20	48.60 m ³
		Total			97.20 m ³
② Providing, laying, spreading & Compacting Stone aggregate					
WBM Gr. II					
A ₁ Side	1	60.00	3.75	0.075	16.875 m ³
A ₂ Side	1	60.00	3.75	0.075	16.875 m ³
		Total			33.75 m ³
③ Providing & applying Primer Coat					
A ₁ Side	1	60.00	3.75		225.00 m ²
A ₂ Side	1	60.00	3.75		225.00 m ²
		Total			450.00 m ²
④ Providing & applying Jack coat					
Qty. Same as item ③					450.00 m ²
⑤ Providing mix Seal Surfacing					
Qty. Same as item ③					450.00 m ²
⑥ Providing boundary Pillars					
	2	2	24		96 No
⑦ R.C.C. 5% K.M. Stone					2 No
At					
4/6/22					
20					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of cost</u>					
① Earth work in excavation of foundation.					
(2) Up to 3.0 m depth					
Qty. Vol of T. M. B P. 20					
$476.28 \text{ m}^3 @ \text{Rs. } (76.00 + 3.80)$					$\text{Rs. } 38407 =$
(22) 3.0 m. to 6.0 m. depth					
Qty. Vol of T. M. B P. 20					
$148.34 \text{ m}^3 @ \text{Rs. } (87.00 + 6.53)$					$\text{Rs. } 13874 =$
② Providing Sand filling in foundation					
Qty. Vol of T. M. B P. 20					
$104.783 \text{ m}^3 @ \text{Rs. } 532.25/\text{m}^3$					$\text{Rs. } 55,772 =$
③ Providing P.C.C. M 15 in foundation					
Qty. Vol of T. M. B P. 20					
$37.04 \text{ m}^3 @ \text{Rs. } 6671.22/\text{m}^3$					$\text{Rs. } 2,47,302 =$
④ Providing R.C.C. M 30 in foundation					
Qty. Vol of T. M. B P. 20					
$78.46 \text{ m}^3 @ \text{Rs. } 7382.37/\text{m}^3$					$\text{Rs. } 5,79,221 =$
⑤ S/F/F HYSD bars in foundation					
Qty. Vol of T. M. B P. 20					
$6.7158 \text{ m}^3 @ \text{Rs. } 53602.05/\text{m}^3$					$\text{Rs. } 3,59,981 =$
⑥ Carrying out the confirming boring in foundation					
Continuation					
C.O. Total					$\text{Rs. } 12,94,157 =$

B.F. Rs. 12,94,152=

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty. Vido T. M.B. P. 21					
3 nos. @ Rs 7000 each Rs. 21000=					
⑦ Providing R.C.C. M-30					
in abutment shaft &					
Pier shaft					
Qty. Vido T. M.B. P. 26					
57.418 m ³ @ Rs 7654.37/m ³ Rs. 4,39,499=					
⑧ Providing R.C.C. M-30					
in abutment shaft capete					
Qty. Vido T. M.B. P. 21					
13.35 m ³ @ Rs 7654.37/m ³ Rs. 1,02,186=					
⑨ Providing weep holes					
Qty. Vido T. M.B. P. 21					
59 nos. @ Rs 118= each Rs. 5900=					
⑩ S/F/F HYSD bars in Sub					
Structure					
Qty. Vido T. M.B. P. 21					
7.914 m.T @ Rs 53764.05/m.T. Rs. 4,25,489=					
⑪ Providing back filling					
Qty. Vido T. M.B. P. 21					
161.41 m ³ @ Rs. 839.26/m ³ Rs. 1,35,465=					
⑫ Providing & laying filter					
media with Stone metal					
Qty. Vido T. M.B. P. 26					
45.688 m ³ @ Rs 3444.78/m ³ Rs. 1,57,385=					
⑬ Providing R.C.C. M-30					
in Super Structure					

Continuation

C.O. Total

Rs. 25,81,031=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty. Vido T.M. B.P. 22					
67.30 m ³ @ Rs. 8095.37/m ³ Rs.					5,44,818.24
(14) S/F/F HYSD Bars in Super Structure					
Qty. Vido T.M. B.P. 22					
5.68 m.T. @ Rs. 55019.05/m.T.R.					3,12,508.24
(15) Providing R.C.C. M-30 for concrete in wearing Coat.					
Qty. Vido T.M. B.P. 22					
10.32 m ³ @ Rs. 11269.59/m ³ Rs.					1,16,302.24
(16) Providing R.C.C. M-30 for in railing					
Qty. Vido T.M. B.P. 22					
38.80 m ³ @ Rs. 1661.28/m ³ Rs.					64,458.24
(17) Providing R.C.C. M-30 below approach slab					
Qty. Vido T.M. B.P. 22					
8.03 m ³ @ Rs. 6530.22/m ³ Rs.					52,438.24
(18) Providing R.C.C. M-30 for in approach slab					
Qty. Vido T.M. B.P. 22					
16.06 m ³ @ Rs. 9916.18/m ³ Rs.					1,59,254.24
(19) Providing & applying two coats of white wash Cement Paint					
Qty. Vido T.M. B.P. 26					

Continuation

C.O. Total Rs. 38,30,859.24

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1000.00 m ² @ Rs. 98.10/m ² Rs. 98,100.00					
(20) Numbering & writing bridge details					
Qty. Vide T.M.B. P.26					
3000 m ² @ Rs. 0.50/cm. ht. Rs. 1500.00					
(21) Providing & painting of flood gauge					
1 No. @ Rs. 500.00 each Rs. 500.00					
(22) Providing & erecting direction & Place identification sign					
Qty. Vide T.M.B. P.26					
1.80 m ² @ Rs. 10902.10/m ² Rs. 19624.00					
(23) Construction of embankment -- lead upto 1000 m					
Qty. Vide T.M.B. P.23					
97.62 m ³ @ Rs. 190.63/m ³ Rs. 18609.21					
(24) Providing granular Sub Base - Gr.I					
Qty. Vide T.M.B. P.23					
14.06 m ³ @ Rs. 3128.14/m ³ Rs. 43982.00					
(25) Laying R.C.C. Pipes NP3					
Qty. Vide T.M.B. P.23					
20.00 m. @ Rs. 4072.99/m. Rs. 81460.00					
(26) Providing & laying box-leter apron in river bed					
Qty. Vide T.M.B. P.27					

Continuation

C.O. Total Rs. 40,99,034.22

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
279.66 m ³ @ Rs. 3386.40/m ³					Rs. 9,42,152.20
(27) Providing & laying Pichep on Slope					
Qty. Vide T.M.B. P. 27					
74.994 m ³ @ Rs. 3386.90/m ³					Rs. 2,53,991.20
(28) Providing & laying filter materials					
Qty. Vide T.M.B. P. 27					
29.97 m ³ @ Rs. 3632.78/m ³					Rs. 1,08,883.20
(29) E.W in excavation in foundation trenches					
Qty. Vide T.M.B. P. 27					
234.60 m ³ @ Rs. 76.00/m ³					Rs. 17,784.00
(30) Providing P.C.C.M. 5 gr. in abutment					
Qty. Vide T.M.B. P. 28					
180.40 m ³ @ Rs. 6671.22/m ³					Rs. 12,03,488.20
(31) S/P/F HYSD bar rein. for cement in foundn					
Qty. Vide T.M.B. P. 28					
3.26 m.T. @ Rs. 53602.05/m.T.					Rs. 1,74,743.20
(32) Providing Weep holes					
Qty. Vide T.M.B. P. 28					
80 Nos. @ Rs. 118.00 each					Rs. 9440.00
(33) Clearing & grubbing road land					
Qty. Vide T.M.B. P. 28					

Continuation

C.O. Total Rs. 68,14,515.20

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
0.076 Ha. @ Rs 53880.00/Ha Rs 410620					
(34) Construction of embankment - lead upto 10m.					
Qty. Vide T. M. B. P. 28					
456.32 m ³ @ Rs 190.63/m ³ Rs 869882					
(35) Providing & applying					
Construction of granular sub base - Tr. I					
Qty. Vide T. M. B. P. 29					
97.20 m ³ @ Rs 3128.14/m ³ Rs 304,0552					
(36) Providing & applying					
Primer coat					
Qty. Vide T. M. B. P. 29					
33.75 m ³ @ Rs 3658.19/m ³ Rs 1,23,4642					
(37) Providing & applying					
Primer coat					
Qty. Vide T. M. B. P. 29					
450.00 m ² @ Rs 41.50/m ² Rs 18,6752					
(38) Providing & applying					
Jack coat					
Qty. Vide T. M. B. P. 29					
450.00 m ² @ Rs 11.39/m ² Rs 51262					
(39) Providing mix seal					
Surfacing					
Qty. Vide T. M. B. P. 29					
450.00 m ² @ Rs 203.95/m ² Rs 917782					
(40) Providing bounding					
Pillars					

Continuation

C.O. Total Rs. 74,48,7072

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty. Vido T. m. B	P. 29				
96 Nos. @ Rs. 532.42 each					Rs. 51112.00
(21) R.C.C. m. 5 gr. 5 RT K.M.					
Stone.					
Qty. Vido T. m. B	P. 29				
2 Nos @ Rs. 2481.13 each					Rs. 4962.26
	Total				Rs. 75,04,781.26
Add 1% Labour cost (+)					Rs. 75048.26
Add 12% GST (+)					Rs. 9,00,574.22
	Total				Rs. 84,80,403.74
Less 0.07% below (-)					Rs. 5936.22
					Rs. 84,74,467.52
Less Previous Payment					Rs. 0.00
Add S. fee as per D.P.R. (+)					Rs. 63,449.20
	Total				Rs. 85,43,852.72
Less 0.07% below (-)					Rs. 5981.20
					Rs. 85,37,871.52
Less Previous Payment					Rs. 43,78,228.00
					Rs. 41,59,643.52
					C.P.
					56.76.22