

Const. of High Level RCC Bridge in Bandhuhdi.
Aaga Village over Kamla River at Neas Shiv
Mandir

Schedule XLV Form No. 134.

RWD Darbhanga-1 DIVISION

RWD Bakari SUB-DIVISION

Nabard.

Measurement Book

S.R.M. Enterprises.

3487

Name of work:- Construction of High Level
RCC Bridge in Bandihuli Arga Village
Over Kamla River At Near Shiv
Mandir. (LENGTH- 49.50 Metre)

1

Name of work -

Situation of work - At - Under - Boheri Block

Agency by which work is executed - SRM Enterprises

Date of measurement - ^{New Pandasahi} ~~Laheria Sahai~~, Dist - Deobhanga.

No. and date of agreement. 42, SBD / 2019-20.

(These four lines should be repeated at the commencement
of the measurements relating to each work.) (STATE SCHEME)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Estimated Cost:-					Rs. 3,83,64,522=00.
Agreement Value:-					Rs. 3,45,25,369=00.
Rate:-					10.00% Below from B.O.Q. rate.
Date of Start:-					31.10.2019.
Date of Completion:-					30.04.2021.
Date of entry:-					08.03.2020.
① Conducting Conformetry					
Boring - d-d					

GTH ON A/C BILL

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(Construction Part Complete.)

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	<u>ABSTRACT OF COST</u>				
①	Conducting conformity				
	Boring - 1 - do.				
	V.P.	$\frac{59}{1}$	120.00 M.		
	@ Rs. 1000.00/M.			Rs. 1,20,000.00	
②	Service Road.				
	V.P.	$\frac{59}{2}$	51.33 M.		
	@ Rs. 3858.23/M			Rs. 1,98,043.00	
③	Providing and constructing temporary island - do				
	V.P.	$\frac{59}{3}$	2 Nos.		
	@ Rs. 2,91,672.00 each			Rs. 5,83,344.00	
④	Supplying, fixing and placing reinforcement in foundation - do				
	V.P.	$\frac{59}{4}$	89.920 t.		
	@ Rs. 77,113.85/t.			Rs. 6934,077.00	
⑤	Providing steel Unistrut Gms thick - do				
	V.P.	$\frac{59}{5}$	8.88 t.		
	@ Rs. 82,488.00/t.			Rs. 7,85,419.00	
⑥	Bored cast. in situ M35 grade RCC pile - do				
	V.P.	$\frac{59}{6}$	492.00 M.		
	@ Rs. 17,075.93/M			Rs. 84,01,358.00	

Continuation 2.0. Rs. 1,70,22,241.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.	
				Rs. 1,70,22,241.00	
(7)	Vertical pile load testing				
	initial pile load test.				
	V.P.	60	2 Nos.		
		(7)			
	@ Rs. 1,20,000.00			Rs. 2,40,000.00	
(8)	Vertical pile load testing				
	routine pile load test				
	V.P.	60	3 Nos.		
		(8)			
	@ Rs. 90,000.00 each			Rs. 2,70,000.00	
(9)	Earthwork in excavation				
	in foundation trenches &c				
	Up to 3 M. Depth.				
	V.P.	60	437.56 m ²		
		(8)			
	@ Rs. 125.24/m ²			Rs. 52,372.00	
(10)	Earthwork in excavation				
	in found ⁿ trenches up to				
	30 M to 6.0 M Depth.				
	V.P.	60	3105 m ²		
		(10)			
	@ Rs. 160 = 59/m ²			Rs. 4,986.00	
(11)	Providing PCC M15 in				
	levelling courses &c				
	V.P.	60	93.05 m ²		
		(11)			
	@ Rs. 8677.05/m ²			Rs. 2,20,676.00	
(12)	Providing RCC M30 in pile				
	Cap - &c - &c				
	V.P.	60	366.12 m ²		
		(12)			
	@ Rs. 8070 = 69/m ²			Rs. 29,54,841.00	

Continuation

C.O. Rs. 2,08,05,116.00.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.	
				Rs. 2,08,05,116:00	
(13)	Supplying, fitting and				
	placing reinforcement in				
	Sub-structure - abutments				
	V.P.	61	22.68	4 t.	
		(13)			
	@ Rs. 94,263 = 33/t				Rs. 17,64,154:00
					Rs. 17,52,641:00
(14)	Providing RCC M30 in				
	abutment shaft in sub				
	structure - abutments				
	Up to 5.0 M. Height.				
	V.P.	61	147.07	8 m ³	
		(14)			
	@ Rs. 8316 = 12/m ³				Rs. 14,72,602:00
(15)	Providing RCC M30 in				
	Sub-structure up to				
	5.0 M. to 10.00 M Height.				
	V.P.	61	71.41	m ³	
		(15)			
	@ Rs. 8466 = 61/m ³				Rs. 6,04,601:00
(16)	Providing deep holes				
	V.P.	61	156	Nbs.	
		(16)			
	@ Rs. 129 = 63 each				Rs. 20,222:00
(17)	Back filling for abutment				
	of pipe - abutment				
	V.P.	61	348.18	m ³	
		(17)			
	@ Rs. 747 = 76/m ³				Rs. 2,60,355:00
(18)	Laying RCC pipe 150 on 1st class				
	bedding.				
	V.P.	62	20.00	M.	
		(18)			

Continuation
@ Rs. 4136 = 35/M. — Rs. 82,727:00

C.D. Rs. 2,49,98,264:00

Continuation
C.O. R5,314,62,670.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.	
				Rs. 9	14,62,670=00
(24)	Strip seal expansion				
	Joint width				
	V.P.	63 (24)	53.80 m.		
	@ Rs. 12,353=31/m Rs. 4,47,542=00				
(25)	RCC M30 grade railing				
	V.P.	63 (25)	118.46 m.		
	@ Rs. 2172=52/m Rs. 2,57,357=00				
(26)	Concrete M30 1m				
	Veering coat.				
	V.P.	63 (26)	28.97 m ²		
	@ Rs. 13,770=03/m ² Rs. 3,98,918=00				
(27)	Fiber media.				
	V.P.	63 (27)	117.86 m ²		
	@ Rs. 3248=72/m ² Rs. 3,82,894=00				
(28)	Informatory sign Board				
	V.P.	63 (28)	2 Nos.		
	@ Rs. 11,751=23 each Rs. 23,502=00				
(29)	Construction of GSB by				
	providing 400 graded				
	material with grading-II				
	material - do - do in drainage				
	V.P.	67 (29)	99.00 m ²		
	@ Rs. 2282=47/m ² Rs. 225,965=00				
(30)	Providing RCC M15 grade				
	below approach slab				

Continuation

C.O. Rs. 3,31,68,848=00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(30)	Continued			9.5	
				Rs. 3,31,68,848.00	
	V.P.	67	8.44	m ³	
		(2)			
				@ Rs. 6667.05/m ³	Rs. 56,270.00.
(31)	Providing P.C.C. 130m				
	approach slab - d. d.				
	V.P.	68	18.45	m ³	
		(4)			
				@ Rs. 11854.63/m ³	Rs. 2,18,718.00
(32)	Providing granular sub				
	base by providing well				
	graded material of				
	grading - material - d. d.				
	V.P.	68	204.32	m ³	
		(5)			
				@ Rs. 3081.69/m ³	Rs. 6,29,651.00
(33)	Providing stone metal				
	gate with screening.				
	V.P.	69	71.72	m ³	
		(6)			
				@ Rs. 3748.85/m ³	Rs. 2,68,868.00
(34)	Providing and applying				
	primer coat of (SS-1)				
	V.P.	69	956.26	m ²	
		(7)			
				@ Rs. 51.92/m ²	Rs. 49,649.00
(35)	Providing and applying				
	hack coat of (SS-1)				
	V.P.	69	956.26	m ²	
		(8)			
				@ Rs. 17.42/m ²	Rs. 16,658.00

Continuation

C.O. Rs. 3,44,08,662.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.	
				Rs. 3	44,00,662.00
(36.)	MSS.	Providing laying			
		and rolling of class graded			
		pavement surface material			
		20 mm thickness			
	V.P.	$\frac{70}{9}$	956.26 m ²		
	@ Rs.	238	20/m ²	Rs.	2,27,781.00
(37.)		Boundary pillars.			
	V.P.	$\frac{41}{11}$	160 Nos.		
	@ Rs.	56	1.09 each	Rs.	89,774.00
(38.)		Road marking			
	V.P.	$\frac{71}{12}$	44.99 m ²		
	@ Rs.	250	33/m ²	Rs.	38,283.00
(39.)		Providing and laying			
		apron on river bed			
	V.P.	$\frac{71}{13}$	139.26 m ²		
	@ Rs.	3230	10/m ²	Rs.	4,49,824.00
(40.)		Providing and laying			
		boulder pitching on slopes			
	V.P.	$\frac{72}{14}$	574.726 m ²		
	@ Rs.	3230	10/m ²	Rs.	18,56,422.00
(41.)		Providing and laying			
		flex material underneath			
		pitching in slopes of rd			
	V.P.	$\frac{72}{15}$	287.365 m ²		
	@ Rs.	3374	97/m ²	Rs.	9,69,848.00

Continuation

C/o. Rs. 3,80,40,594.00

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