

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		3rd on A/c			
Name of work -	Construction of R.C.C. Bridge				
	in Panchane river near Saidi				
	Village middle school Saidi &				
	Shiv mandir				
Agency -	Bajinath Nirman India Pvt. Ltd.				
Agreement No. -	SBD-02/2021-22				
Agreement Rate -	16.11% Below of BOQ Rate				
Date of commencement -	16-11-21				
Date of completion (A/c) -	15-11-22				
Date of measurement -	16-8-23				
Ref -	As per order by Executive Engineer, RWD				
	work division Biharsharif				
	Letter No. 1115 Biharsharif Dtd-14-8-23				
1) Earth work in excavation for					
structure - do do as per T & C -					
wing wall -					
	$1 \times 13.80 \text{ M} \times 3.057 \text{ M} \times 2.15 \text{ M} = 90.701 \text{ M}^3$				
	$1 \times 11.00 \text{ M} \times 3.057 \text{ M} \times 2.15 \text{ M} = 72.298 \text{ M}^3$				
	$1 \times 18.00 \text{ M} \times 3.057 \text{ M} \times 2.15 \text{ M} = 118.305 \text{ M}^3$				
	$1 \times (3.20 + 4.50 + 11.50) \text{ M} \times 3.057 \text{ M} \times 2.15 \text{ M} = 126.192 \text{ M}^3$				
	407.496 M ³				
2) Providing P.C.C. M 15 in open					
boundry - do do - complete job -					
	$1 \times 13.80 \text{ M} \times 3.057 \text{ M} \times 0.150 \text{ M} = 6.327 \text{ M}^3$				
	$1 \times 11.00 \text{ M} \times 3.057 \text{ M} \times 0.150 \text{ M} = 5.044 \text{ M}^3$				
	$1 \times 18.00 \text{ M} \times 3.057 \text{ M} \times 0.150 \text{ M} = 8.253 \text{ M}^3$				
	$1 \times (3.20 + 4.50 + 11.50) \text{ M} \times 3.057 \text{ M} \times 0.150 \text{ M} = 8.804 \text{ M}^3$				
	28.428 M ³				

Continuation

28.428 M³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) Providing weep holes-do-					
-do-TIS-					
Qty - 120 Nos					
(4) Back billing behind abut-					
ment, wing wall & return wall					
-do-do-TIS-					
$2 \times 8.40 \text{ M} \times 6.50 \text{ M} \times 5.82 \text{ M} = 586.656 \text{ M}^3$					
(5) Providing A.C.C. M-20 in wing					
wall-do-do-as per ETS-					
wing wall -					
$1 \times 13.80 \text{ M} \times 3.00 \text{ M} \times 0.500 \text{ M} = 20.70 \text{ M}^3$					
$1 \times 13.80 \text{ M} \times \frac{2.30 + 0.600}{2} \text{ M} \times 6.50 + 5.50 \text{ M} = 120.06 \text{ M}^3$					
$1 \times 11.00 \text{ M} \times 3.00 \text{ M} \times 0.500 \text{ M} = 16.50 \text{ M}^3$					
$1 \times 11.00 \text{ M} \times \frac{2.30 + 0.600}{2} \text{ M} \times 6.50 + 3.60 \text{ M} = 80.94 \text{ M}^3$					
$1 \times 18.00 \text{ M} \times 3.00 \text{ M} \times 0.500 \text{ M} = 27.00 \text{ M}^3$					
$1 \times 18.00 \text{ M} \times \frac{2.30 + 0.600}{2} \text{ M} \times 6.50 + 2.30 \text{ M} = 114.84 \text{ M}^3$					
$1 \times 3.20 \text{ M} \times 3.00 \text{ M} \times 0.500 \text{ M} = 4.80 \text{ M}^3$					
$1 \times 3.20 \text{ M} \times \frac{2.30 + 0.900}{2} \text{ M} \times 6.50 + 6.00 \text{ M} = 32.00 \text{ M}^3$					
$1 \times 1.80 \text{ M} \times 0.900 \text{ M} \times 1.50 \text{ M} = 2.43 \text{ M}^3$					
$1 \times 4.50 \text{ M} \times 3.00 \text{ M} \times 0.500 \text{ M} = 6.75 \text{ M}^3$					
$1 \times 4.50 \text{ M} \times \frac{2.30 + 1.20}{2} \text{ M} \times 2.20 \text{ M} = 17.32 \text{ M}^3$					
$1 \times 11.50 \text{ M} \times 3.00 \text{ M} \times 0.500 \text{ M} = 17.25 \text{ M}^3$					
$1 \times 11.50 \text{ M} \times \frac{2.30 + 1.85}{2} \text{ M} \times 2.60 \text{ M} = 62.02 \text{ M}^3$					
					522.23 M ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	<u>Abstract of cost</u>				
(1) Earth work in excavation for structure - do - do - complete job -					
852.62 M ³ - Vide T.M.B.P. (23)					
407.49 M ³ - do - do - P. (29)					
1260.11 M ³ @ Rs 285.17 per M ³ - Rs 359347.00					
(3/2) Providing P.C.C. M15 in open foundation - do - do - complete job -					
38.73 M ³ - Vide T.M.B.P. (23)					
28.42 M ³ - do - do - P. (29)					
67.15 M ³ @ Rs 441.24 per M ³ - Rs 29846.70					
(3/3i) Reinforced cement concrete M25 grade in sub structure - do - do - complete job -					
368.10 M ³ - Vide T.M.B.P. (23)					
368.10 M ³ @ Rs 6059.93 per M ³ - Rs 2230665.00					
(4/1) Reinforced cement concrete M25 grade in sub structure from 5m upto 10m height - do - - do - complete job.					
45.36 M ³ - Vide T.M.B.P. (23)					
45.36 M ³ @ Rs 6244.05 per M ³ - Rs 283230.00					
(5/4) Supplying, cutting & placing H.R.S. bar reinforcement in sub structure -					
32.11 MT - Vide T.M.B.P. (23)					
32.11 MT @ Rs 56150.99 per MT - Rs 1803008.00					

Continuation Rs

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6/5) Providing weep holes do - do - T.S. -					B.F. B.
120.0 Nos - vide T.M.B.P. (30)					
120.0 Nos @ Rs 118.03 per m - Rs 14164.00					
(7/6) Back filling behind abutment wing wall & return wall - do - T.S. -					
586.656 M ³ - vide T.M.B.P. (30)					
586.656 M ³ @ Rs 629.07 per M ³ - Rs 369048.00					
(8/8) Providing concrete on plain reinforced concrete in open tank. do do - complete job -					
522.23 M ³ - vide T.M.B.P. (30)					
522.23 M ³ @ Rs 10970.26 per M ³ - Rs 5733699.00					
(9/9) Providing & laying R.C.C. M25 in super structure do - do - complete job -					
198.94 M ³ - vide T.M.B.P. (24)					
198.94 M ³ @ Rs 6485.37 per M ³ - Rs 1290200.00					
(10/10) S/F & placing fixed bar reinforcement in super structure. do do - complete job -					
14.3617 MT - vide T.M.B.P. (24)					
14.3617 MT @ Rs 57332.64 per MT - Rs 823394.00					
(11/12) Construction of R.C.C. Railing of M25 in cast - do do job -					
55.20 M - vide T.M.B.P. (24)					
55.20 M @ Rs 2877.17 per M - Rs 158820.00					

Continuation R

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	H.	
(9) Earth work in excavation for structure - do do complete					
185.08 M ³ - Vide T.M.R.P. (21)					
185.08 M ³ @ 285.17 per M ³					Rs 52833.0
(10) Binding & Laying of boulder					
open box bed protection with stone boulder - do do - 110					
148.23 M ³ - Vide T.M.R.P. (24)					
250.73 M ³ - do do - P. (22)					
297.95 M ³ @ 201.42 per M ³					Rs 59972.53
(11) Binding & Laying of boulder					
Convent concrete masonry binding - do do - Complete job.					
107.46 M ³ - Vide T.M.R.P. (31)					
107.46 M ³ @ 110.57 per M ³					Rs 11885.0
(12) Binding & Laying of curbs					
walls P.C.C. M.S. - do do - complete job -					
95.68 M ³ - Vide T.M.R.P. (31)					
95.68 M ³ @ 444.24 per M ³					Rs 42522.50
(13) Clearing & grubbing road					
Land - do do - Complete job.					
1.968 Hect. - Vide T.M.R.P. (15)					
1.968 Hect. @ 52966.72 per Hect.					Rs 104239.5
(14) Construction of embankment					
with 1000m lead - do do -					
5498.75 M ³ - Vide T.M.R.P. (25)					
5498.75 M ³ @ 190.07 per M ³					Rs 1045147

Continuation

R

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15/24) Construction of Subgrade & earthen shoulder - do do - Complete job -				B.F. (2.5)	
4812.30M ³ - vide T.M.B.P. (2.5)					
4812.30M ³ @ Rs 176.66 per M ³					Rs 850141.00
(16/24) Construction of G.S.B. grade - do do - complete job -					
1947.90M ³ - vide T.M.B.P. (2.5)					
1947.90M ³ @ Rs 2152.41 per M ³					Rs 4192679.00
(17/25) Providing laying, spreading & compacting WBM Gr-3 - do do - complete job -					
675.01M ³ - vide T.M.B.P. (2.6)					
675.01M ³ @ Rs 2598.89 per M ³					Rs 1754217.00
					Rs 2318305.00
Add GST @ 12%					Rs 2781969.00
Add Labour cess @ 1%					Rs 231831.00
Add Seargeonage fee					Rs 265618.00
					Rs 2646255.00
Less 16.11% below market price					Rs 4263117.00
					Rs 22199436.00
Less previous payment					Rs 14641604.00
					Rs 1557832.00
1					
16-8-23					
J.E.					

Continuation