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NABARD BRT DME

Schedule XIV-Form No.-134

TIN KORIA-

DIVISION

254. Part II

SUB-DIVISION

Agreement no. 02/SBD/17-18.

Agreement-date - 10/5/17 Amount 3,51,60,709 = ✓

MEASUREMENT BOOK

Mukesh Kumar

10/05/17
 10/05/17
 10/05/17

Orth and final bill

Abstract of cost

Name of work:- Construction of R.C.C.
 Bridge near Tinkoriya gram
 under narayan gram panchayat.

Name of Agency:- Shri mukesh kumar
 Mirchaibasi, Katihar.

Aggreement no:- 02/SBD/2017-18

Aggreement value:- 3,51,60,709=00

Date of aggreement:- 10/05/2017.

Date of completion as per aggreement:- 09/01/2019

Actual Date of completion:- 30/06/2019

vide engineer in chief letter no.1366 dated 05/05/19

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (6) P/v steel liners 10mm thick for curbs					
Qty vide (T.M.P. $\frac{32}{8}$)					
02 NOS @ ₹ 49487.96/each = ₹					
Item (7)					
14.144 MT @ ₹ 77956.08/MT = ₹					1102610
Item (7) P/v & constructing temporary island					
Qty vide (T.M.P. $\frac{32}{8}$)					
02 NOS @ ₹ 49487.96/each = ₹					98975
Item (8) carrying out load test on any pile					
(a) Initial load test on test pile for 2.5 times the designed load.					
Qty vide (T.M.P. $\frac{32}{8a}$)					
2 NOS @ ₹ 1,50,000/each = ₹					3,00,000
(b) Routine pile load test on pile for 1.5 times the design load					
Qty vide (T.M.P. $\frac{32}{8b}$)					
2 NOS @ ₹ 1,25,000/each = ₹					2,50,000

Continuation

C.O. = ₹ 19050877

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(c) Horizontal pile load test on pile for 1.5 times the design load - do -					
Qty vide (T.M.P. $\frac{32}{80}$)					
01 Nos @ ₹ 1,00,000/each = ₹ 1,00,000/-					
Item (9) R.C.C. grade M30 in substructure					
— do —					
(i) up to 5m height					
Qty vide (T.M.P. $\frac{53}{7}$)					
156.030 m ³ @ ₹ 8106.19/m ³ = ₹ 12,64,808/-					
(ii) From 5m to 10m height					
Qty vide (T.M.P. $\frac{53}{8}$)					
49.260 m ³ @ ₹ 8257.50/m ³ = ₹ 4,06,764/-					
Item (10) R.C.C. M35 grade in substructure					
comp. — do —					
Qty vide (T.M.P. $\frac{34}{10}$)					
14.060 m ³ @ ₹ 8363.46/m ³ = ₹ 1,17,590/-					
Item (11) S/F Placing HYSD bar reinforcement in substructure					
— do —					
Qty vide (T.M.P. $\frac{34}{11}$)					
28.191 MT @ ₹ 51034.74/MT = ₹ 14,38,720/-					

C.O. = ₹ 22378759/-

Continuation

70 B.F. ₹ 22378759/-

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (12)	S/F/F in position				
	true to line & level				
	POT-PTFE bearing				
	do				
	Qty vide (T.M.P. $\frac{34}{12}$)				
18 Nos	@ ₹ 1,35,000/each				₹ 24,30,000/-
Item (13)	S/F/F in true to				
	line & level elastomeric bearing				
	do				
	Qty vide (T.M.P. $\frac{39}{1}$)				
197215.50 c.c.	@ ₹ 1.50/c.c.				₹ 2,95,823/-
Item (14)	P/v weep holes in				
	brick masonry, p.c.c.				
	Rcc, abutment				
	do				
92 Nos	Qty vide (T.M.P. $\frac{34}{12}$)				
28 Nos	Qty vide (T.M.P. $\frac{40}{2}$)				
120 Nos	@ ₹ 128.63/each				₹ 15435/-
Item (15)	Backfilling behind				
	abutment, wing wall				
	& return wall.				
	do				
	Qty vide (T.M.P. $\frac{49}{1}$)				
125.480 m ³	@ ₹ 694.53/m ³				₹ 87149/-

C.O. ₹ 25207166/-
Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (16) P/v & laying filter media					
— do —					
Qty vide (T.M.P. 49)					
80.720 m ³ @ ₹ 3418.62/m ³ = ₹ 275951/-					
Item (17) P/v & laying R.C.C. in superstructure					
M25 grade.					
— do —					
284.46 m ³ Qty vide (T.M.P. 39/14)					
21.20 m ³ Qty vide (T.M.P. 40/3)					
305.66 m ³ @ ₹ 8581.29/m ³ = ₹ 2622957/-					
Item (18) S/F placing H.R.B. bars reinforcement in superstructure					
— do —					
Qty vide (T.M.P. 35/15)					
68.433 M.T. @ ₹ 51928.67/MT = ₹ 3,553,634/-					
Item (19) P/v & laying cement concrete wearing course M30 grade including reinforcement					
— do —					
Qty vide (T.M.P. 40/4)					
32.380 m ³ @ ₹ 13432.38/m ³ = ₹ 4,34,940/-					

C.D. = ₹ 32094648/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item(20) construction of R.C.C. railing M25 grade cast-in-situ					
		do			
Qty vide (T.M.P. $\frac{10}{5}$)					
157.00m @ ₹ 3079.87/m = ₹ 483539/-					
Item(21) Drainage spouts completed as per drawing.					
		do			
Qty vide (T.M.P. $\frac{35}{18}$)					
24 Nos @ ₹ 582.79/each = ₹ 13986/-					
Item(22) P.V. R.C.C. M15 grade levelling course below approach slab.					
		do			
Qty vide (T.M.P. $\frac{49}{3}$)					
6.720m ³ @ ₹ 5864.75/m ³ = ₹ 39411/-					
Item(23) P.V. R.C.C. M30 grade in approach slab including reinforcement.					
		do			
Qty vide (T.M.P. $\frac{50}{4}$)					
14.780m ³ @ ₹ 11289.50/m ³ = ₹ 166858/-					

e.o. = ₹ 32798442

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item(21) P/v & laying Strip					
Seal expansion					
Joint. - do					
Qty vide (T.M.P. $\frac{36}{19}$)					
25.60m @ ₹ 11788.06/m = ₹ 301774/-					
Item(25) P/v & fixing 20mm					
thk. compressible					
fibre board.					
- do -					
Qty vide (T.M.P. $\frac{41}{6}$)					
25.60m @ ₹ 286.10/m = ₹ 7324/-					
Item(26) P/v & fixing in position					
20mm thk. precast					
Joint filler.					
- do -					
Qty vide (T.M.P. $\frac{41}{7}$)					
25.60m @ ₹ 401.98/m = ₹ 10,290/-					
Item(27) P/v & laying bould-					
er pitching on slop-					
es. - do -					
Qty vide (T.M.P. $\frac{51}{1}$)					
576.510m ³ @ ₹ 3887.27/m ³ = ₹ 2241050/-					
Item(28) P/v & laying filter					
material undern-					
earth pitching in					
Slope - do -					

C.O. = ₹ 3535880/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty vide (T.M.P. 52)					
137.390 m ³ @ ₹ 3828.44/m ³ = ₹ 525989					
Item (29) cleaning & grubbing road land					
— do —					
Qty vide (T.M.P. 36)					
0.22 Ha @ ₹ 38252.95/Ha = ₹ 8415					
Item (30) construction of embankment with material obtained from borrow pits					
— do —					
Qty vide (T.M.P. 42)					
6398.0 m ³ @ ₹ 155.89/m ³ = ₹ 989589					
Item (31) construction of G.S.D. by providing well graded material					
— do —					
Qty vide (T.M.P. 45)					
144.220 m ³ @ ₹ 2460.87/m ³ = ₹ 362289					
Item (32) P/Ls & compacting stone aggregates of specific sizes WBM GR-II.					
— do —					
Qty vide (T.M.P. 46)					
58.620 m ³ @ ₹ 4434.14/m ³ = ₹ 259929					

Continuation

B.F. = ₹ 37505091

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (33) P/L & compacting stone aggregates of specific size of WBM GR-III. — do —					
Qty vide (T.M.P. 43)					
58.620 m ³ @ ₹ 4063.25/m ³ = ₹ 238187/-					
Item (34) P/L & applying prime coat with bitumen emulsion SS-1. — do —					
Qty vide (T.M.P. 44)					
781.60 m ² @ ₹ 30.26/m ² = ₹ 23651/-					
Item (35) P/L & applying tack coat with bitumen emulsion RS-1 — do —					
Qty vide (T.M.P. 47)					
781.60 m ² @ 11.39/m ² = ₹ 8902/-					
Item (36) P/L Rolling of open graded pre mix carpet of 20 mm — do —					
Qty vide (T.M.P. 47/3)					
781.60 m ² @ 165.90/m ² = ₹ 129667/-					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (37) P/v & laying seal coat sealing voids in bituminous surface — do —					
Qty vide (T.M.P. 48)					
781.60 m ² (Q) ₹ 48.46/m ² = ₹ 37876					
Item (38) P/v & fixing logo of project information board — do —					
Qty vide (T.M.P. 53)					
2 Nos. (Q) ₹ 7959.99/m ² = ₹ 15819					
Item (39) construction of embankment with material obtained from borrow pits — do —					
Qty vide (T.M.P. 52)					
1440 m ³ (Q) ₹ 155.89/m ³ = ₹ 224481					
Item (40) P/v Granular sub base with well graded material — do —					
Qty vide (T.M.P. 52)					
45.0 m ³ (Q) ₹ 2460.87/m ³ = ₹ 110739					

Continuation R.O. = ₹ 38294413

Material statement

Same as wide this m. B. P. (64)

certified that there is no any
dues in hand of contractor

Continuation