S.C
M.M.G.S.Y

Upardih Charkawan to Dhadhar
पथ निर्माण कार्य

Schedule XLV-Form No. 134

कार्यपालक अभियन्ता, कार्य मंडल - धनबाद **DIVISION**

सहायक अभियन्ता कार्य अवर मंडल - सरैया **SUB-DIVISION**

MEASUREMENT BOOK

550

संवेदक :- Ambuj Sharma

Sch.XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
3rd on A/C Bill.					
Name of the work – Uparadih Charkaman to Dhadhar.					
Situation of work – Uparadih Charkaman to Dhadhar					
Agency by which work is executed – Sri Anubhuj Sharma					
Agreement No – SBD/2019-20 (MMGSY)					
Dt of commencement – 22/10/2020					
Dt of Completion – 21/10/2020					
Dt of Measurement – 26/8/2020					
Dt of Entry – 26/8/2020					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Work done.-					
(1) construction of Sub grade and Earthen Shoulders					Re Measurement.
~~97 no x 30.00 x 6.85 + 7.70~~ 33 x 30 m			2	x 0.30 =	635.07
2 x 30.00 x	6.85 + 7.70		2	x 0.30 =	130.95
P.C.C.					
20 x 30.00 x		3.75	x 0.30 =		675.00
Earth Shoulder -					
Adjacent to W.B.M & Surface dressing -					

99 no x 30.00 = 2970.00 mtr

2970.00 x 2 side x 1.20 x 0.075 = 534.6

2970.00 x 2 side x 1.40 x 0.120 = 1663.2

9354.82 cum

2450.17. Granular Sub base with well Graded material for Grading (I)

99 x 30 = 2970.00 mtr

2970.00 x 4.05 x 0.20 = 2405.17

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
R.C.C Box Culvert.					
SNo 1: Earth work in excavation for foundation of Structures					
Returning-					
5	4	3.32	3.42	1.80	408.75
B.F. Qty in the Page 120					
This M.B					68.25
					477.00
					477.
SNo 2: Foundation Concrete for ~~stone~~ reinforced Concrete in open foundation -					
Returning- M15 grade					
5	4	3.32	2.42	0.20	32.13
B.F. Qty in the Page 120					7.5
This M.B					39.6
					39.5
SNo 3: Foundation Concrete for plain/reinforced in open foundation.					
Returning-					
4	2.92	2.017	0.20		4.71
4	2.92	1.917	0.20		4.48
4	2.92	1.817	0.20		4.24
4	2.92	1.717	0.20		4.01
4	2.92	1.617	0.20		3.78
4	2.92	1.517	0.20		3.54
4	2.92	1.417	0.20		3.31
4	2.92	1.317	0.20		3.08
					31.15

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
For S.No 3.					
	5	× 31.15	=		155.75
4. plain reinforced cement Concrete in Sub structure.					
4 × 2.92 × 0.78 × 1.78 = 16.24					
for 5 nos					
	5 × 16.24	=			81.2
S.No-7. R.C.C Bottom Slab, Splay corner Haunch etc. B.P. Qnty vide Page 12. of this M.B					50.124 B.
S.No-12. R.C.C Box culvert Top Slab (Cord B.P. Qnty vide Page 12 of this M.B					21.9m B
S.No-14. Parapet Coustme (Con.					
2 × 2.50 × 0.60 × 0.40 =					
1:2 For 5	× 1.2	=			6.0 m3.
S.No-3 1000mm Plain	Hume pipe Providing and laying				
	20	2 × 6.15 × 0.825 × 3.18			= 32.269
	2	× 6.15 × 1.40 × 0.60			= 2.952
J.E. less for b/w	2 × 0.7857	× 1.2302	× 0.6222		= 1.478
					33.174

Continuation

for 4 Nos × 33.174 = 134.96 m3.

Sch.XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Abstract of Cost.					
S.No-1. Setting out Pillars (vide Page 6 of this M.B)					
Bench Mark Pillars					
1 No @ 4339=47					
					R> 4339=47
S.No 2. Clearing and Grubbing road land (vide page 6 of this M.B)					
Refrence Pillars (vide Page 6 of this M.B)					
14 Nos @ 1975=27					
					R> 27653=78
S.No-2. Clearing and Grubbing road land (vide Page 6 of this M.B)					
2.152 Ha @ 49739=47					
					R> 125343=46
S.No 5. Construction of Embankment with material obtained from borrow pits (vide Page 7 of this M.B)					
For 1000 m lead					
1000 M³ @ 187.23					
					R> 187230=00
For 100 m lead					
3487=291 M³ @ 132=56					
					R> 462275=16

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Sl.No-6. construction of Subgrade and Earthen Shoulders					
(vide Page 23 of this M.B)					
9354.82 m3 @ 189=11					
		Rs 17690			30=61
Sl.No-7. Granular Subbase with well graded material Grading Material					
(vide Page 23 of this M.B)					
2405.7 m3 @ 2357=13					
		Rs 56	705		47=64
Sl.No-8. W.B.M Grade 3					
(vide Page 24 of this M.B)					
835.31 m3 @ 3247=52					
		Rs 27	126	85=93	
C.C. PAVEMENT					
Sl.No-12. Granular Subbase with well graded material					
vide Page 24 of this M.B)					
180 m3 @ 2357=13					
		Rs 4242		83=4	
Sl.No-13. W.B.M with stone screening					
(vide Page 24 of this M.B)					
135.00 m3 @ 3247=52		Rs 438415=			

Continuation 2

Sch. XLV Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Security Cement Concrete Pavement (vide Page 24 of this MB)					
288.10 M³ @ 6516=27					
Rs 1877365=76					
Sno-17. Providing and fixing Logo of Project (vide Page 24 of this MB)					
2 Nos @ 10020=00					
Rs 20040=00					
Name of the Item					
Earth work excavation for foundation (vide Page 11 of this MB)					
119.19 M³ @ 285=11					
Rs 34053=77					
Sno 2. Providing 1:5 Pcc 1:2.5:5 as levelling course & foundation (vide page 11 of this MB)					
18.376 M³ @ 5422=46					
Rs 99643=12					
Sno-3. Plain cement concrete in foundation (vide Page 26 of this MB)					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
134.96 m³ @ 6348=82					
₹ 856836=74					
Item No-4. Providing and Laying R.C.C (M) pe NP3 for culverts (vide Page 18 of this MB)					
30.00 M @ 4309=17					
₹ 129275=10					
R.C.C Box Culvert (2×2)					
(1) Earth work in excavation for foundation of Structures (vide Page 25 of this MB)					
477.00 m³ @ 285.71					
₹ 136283=67					
Item No-2. Providing Concrete for plain/reinforced Concrete in open foundation. M-15 (vide Page 25 of this MB)					
39.6 m³ @ 5422=46					
₹ 214729=41					
Item No-3. Providing Concrete for plain/reinforced Concrete in open foundation (vide Page 260 of this MB)					
155.75 m³ @ 6107=14					
₹ 951187=05					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Sl no-4. plain / reinforced cement Concrete in ~~Sub structure~~ (vide Page 26 of this M.B)					
8.12 M3 @ 6348=82					
					Rs 515524.18
Sl no-6. 6/7 plain reinforced cement Concrete in substructure RCC M25 vide Page 12 of this M.B)					
50.1 m3 @ 7122.53					
					Rs 356838=75
Sl no-12. Providing and laying cement Concrete in superstructure (vide Page 12 of this M.B)					
21.9 M3 @ 7832=00					
					Rs 171520=8
Sl no-7. Supplying filling and placing HYSD bars. vide Page 19 of this M.B.					
5.02 M.T @ 76880=11					
					Rs 385938=15

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Sl.No-12. Supplying filling and placing HYSD bars (vide page 20 of this M.B)					
1.620 M.T @ 78002=91)					
		Rs 126364=71			
	Rs 17714065=26				
Less 10% Bellow Rs		1771406=50			
	Rs 1,59,42658=76				
Less Payment Item on A/c v.P.20 of this M.B. Rs		91,76,410=00			
	Rs 67,66,248=76.				
Sd/- 26/8/2020 JE			Sd/- 17/9/2020 AE		