

MMHSY:- Const OF Road From-TO 5 To Sitalpur Jodav Tali

Schedule XLV-Form No. 134

31/12/21

Agreement NO - 59/SBD/2021-22 **DIVISION**

Agreement Value - 1,81,34,250=00

SUB-DIVISION

MEASUREMENT BOOK

680
02/9/21

Pushpa Kumari (Banka)

Tst on Alc billAbstract of cost

15

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(+)(i) plv & fixing of working bench mark pillar — E.I.					
2.00 Nos. O.V.T.M.B.P. (2)					
@ 4082.43/each — Rs.					8165.00
(ii) plv & fixing of working reference pillar — E.I.					
7.00 Nos. O.V.T.M.B.P. — (2)					
@ 1868.43/each — Rs.					13079.00
($\frac{2}{2}$) clearing and grubbing road land — E.I.					
1.20 Hect. O.V.T.M.B.P. — (1)					
@ 52970.33/Hect — Rs.					63564.00
($\frac{3}{5}$) construction of embankment with material lead up to 100 m — E.I.					
1276.66 m ³ O.V.T.M.B.P. — (4)					
@ 143.06/m ³ — Rs.					182639.00
($\frac{4}{6}$) construction of embankment with material lead up to 1000 m — E.I.					
726.88 m ³ O.V.T.M.B.P. — (4)					
@ 190.07/m ³ — Rs.					138158.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
($\frac{5}{23}$) Earth work in excavation for foundation — E.I.P.					
60.50 m ³ O.V.T.M.B.P. — (4)					
@ 279.09/m ³ — Rs.					16885.00
($\frac{6}{24}$) Plv PCC M15 as levelling course — E.I.P.					
9.80 m ³ O.V.T.M.B.P. — (4)					
@ 5274.80/m ³ — Rs.					51693.00
($\frac{7}{25}$) Plv PCC M20 in sub structure — E.I.P.					
67.48 m ³ O.V.T.M.B.P. — (5)					
@ 6033.03/m ³ — Rs.					407108.00
($\frac{8}{26}$) Plv 8 laying PCC pipe MP3 (1x1000mm ϕ) — E.I.P.					
15.00 m O.V.T.M.B.P. — (5)					
@ 3871.21/m — Rs.					58068.00
($\frac{9}{28}$) Earth work in excavation — E.I.P.					
345.57 m ³ O.V.T.M.B.P. — (5)					
Limit to 345.36 m ³					
@ 279.09/m ³ — Rs.					96387.00
($\frac{10}{29}$) Plv PCC M75 in					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Open found ⁿ — E11.					
24.90 m ³ Q.V.T. MBP — (5)					
@ 5274.80 / m ³ — Rs. 131343.00					
($\frac{11}{30}$) pl ^r RCC M20 in					
found ⁿ — E12.					
100.20 m ³ Q.V.T. MBP — (6)					
@ 5833.68 / m ³ — Rs. 584535.00					
($\frac{12}{31}$) S/F 1 st HYSD bar					
reinforcement in					
found ⁿ — E12.					
0.476 M.T. Q.V.T. MBP — (6)					
Limit to 0.470 M.T.					
@ 51439.69 / M.T. — Rs. 24177.00					
($\frac{13}{32}$) pl ^r RCC M20 in					
Sub structure — E12.					
1.80 m ³ Q.V.T. MBP — (12)					
61.47 m ³ " P — (10)					
63.27 m ³					
Limit to 52.35 m ³					
@ 6033.03 / m ³ — Rs. 315829.00					
($\frac{14}{33}$) pl ^r Deep holes					
in abut. & R/W — E12.					
108 Nos. Q.V.T. MBP — (11)					
@ 110.47 / each — Rs. 11931.00					
($\frac{15}{34}$) pl ^r RCC M25 in					
Sub structure — E12.					
37.08 m ³ Q.V.T. MBP — (7)					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
0.51 m ²	O.V. T.M.B.P. - (11)				
37.59 m ²					
	@ 6645.97/m ² — MS				249822.00
($\frac{16}{35}$) SIFIP #4 SD bar					
reinforcement in					
S/S — E.I.P.					
3.682 MT.	O.V. T.M.B.P. - (7)				
	@ 51585.67/MT — MS				189938.00
($\frac{17}{36}$) plr backfilling					
behind abutments &					
R/W — E.I.P.					
98.94 m ²	O.V. T.M.B.P. - (11)				
	@ 752.08/m ² — MS				74411.00
($\frac{18}{37}$) plr & laying filter					
media — E.I.P.					
68.64 m ²	O.V. T.M.B.P. - (11)				
	@ 3060.90/m ² — MS				210100.00
($\frac{19}{38}$) plr RCC M30 in					
super structure					
— E.I.P.					
15.87 m ²	O.V. T.M.B.P. - (10)				
	@ 7213.12/m ² — MS				114472.00
($\frac{20}{39}$) SIFIP #4 SD bar					
reinforcement — E.I.P.					
1.37 MT.	O.V. T.M.B.P. - (10)				
limit to					
1.35 MT.	@ 52715.60/MT — MS				71166.00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
($\frac{21}{42}$) Plu Drains spouts Complete 12.00 Nos @ V.T. MBP - (1) @ 422.26/each - Rs. 5067.00					
($\frac{22}{43}$) E/W in excavation for foundn - EIT. 158.34 m ³ @ V.T. MBP - (3) Limit to 158.26 m ³ @ 279.03/m ³ - Rs. 44169.00					
($\frac{23}{44}$) Plu PCC M15 in foundn - EIT. 11.78 m ³ @ V.T. MBP - (8) @ 5274.80/m ³ - Rs. 62137.00					
($\frac{24}{45}$) Plu PCC M20 in foundn - EIT. 49.80 m ³ @ V.T. MBP - (8) @ 5833.68/m ³ - Rs. 290517.00					
($\frac{25}{46}$) SIFIF HYS bar reinforcement - EIT. 0.243 M.T. @ V.T. MBP - (8) Limit to 0.240 M.T. @ 51439.69/M.T. - Rs. 12346.00					
($\frac{26}{47}$) Plu PCC M20 in SIS - EIT. 38.30 m ³ @ V.T. MBP - (13)					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>1.25 m³</u> Q.V.T.M.B.P.-(13)					
<u>39.55 m³</u> Limit to <u>33.96 m³</u>					
@ 6033.03/m ³ — Rs. 203675.00					
($\frac{27}{48}$) Plu Deep holes in abut. & R/W — E.I.T.					
<u>60.00 Nos</u> Q.V.T.M.B.P.-(13)					
@ 110.47/each — Rs. 6628.00					
($\frac{28}{49}$) Plu Rec M25 in Superstructure — E.I.T.					
<u>23.55 m³</u> Q.V.T.M.B.P.-(9)					
@ 6645.97/m ³ — Rs. 156512.00					
($\frac{29}{50}$) Slf IP HxSD bar reinforcement — E.I.T.					
<u>2.268 M.T.</u> Q.V.T.M.B.P.-(9)					
Limit to <u>2.25 M.T.</u>					
@ 51585.67/M.T. — Rs. 116067.00					
($\frac{30}{51}$) Plu backfilling behind abut. & R/W — E.I.T.					
<u>80.71 m³</u> Q.V.T.M.B.P.-(14)					
Limit to <u>80.42 m³</u> @ 752.08/m ³ — Rs. 60482.00					
($\frac{31}{52}$) Plu & laying filter media behind abut. & R/W — E.I.T.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
34.47 m ² O.V.T.MBP-(14)					
@ 3060.90/m ² — Rs.					105509.00
($\frac{32}{53}$) Plu RCC M 3014					
Super Structure					
— E.I.D.					
9.46 m ² O.V.T.MBP-(13)					
Unit to 9.39 m ²					
@ 7213.12/m ² — Rs.					67731.00
($\frac{33}{54}$) SIFIP Hysd bar					
reinforcement					
In Super Structure					
— E.I.D.					
0.8204 m ² O.V.T.MBP-(12)					
Unit to 0.80 m ²					
@ 52715.60/m ² — Rs.					42172.00
($\frac{34}{57}$) Plu Draining spouts					
Complete					
4.00 Nos O.V.T.MBP-(13)					
@ 422.26/each — Rs.					1689.00
($\frac{35}{56}$) Plu & fixing of					
typical messy					
informatory sign board.					
2.00 Nos O.V.T.MBP-(1)					
@ 9655.04/each — Rs.					19310.00
C.O. Rs.					420748.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F. P.S.	4207481.
Add 12% L.C.S.T. (+)				P.S.	504898.00
Add 1% L.C.E.S.S. (+)				P.S.	42075.00
Add 10% S. Fee (+)					
① Earth = 2003.54 m ² @ 34.81/m ² - P.S.					6980.00
② 40mm = 131.60 m ² @ 494.15/m ² - P.S.					6503.00
③ 20mm = 167.11 m ² @ 604.91/m ² - P.S.					10109.00
④ 10mm = 89.47 m ² @ 668.80/m ² - P.S.					5984.00
⑤ C. Sand = 197.81 m ³ @ 175.80/m ³ - P.S.					3477.00
⑥ L. Sand = 215.27 m ³ @ 141.85/m ³ - P.S.					3053.00
⑦ Filter media = 123.73 m ³ @ 512.06/m ³ - P.S.					6336.00
					<u>P.S. 4796896.00</u>

less 0.03% as per agg. P.S. 1439.00

P.S. 4795457.00

payable P.S. 4795457.00

10/3/23

10/3/23
J.E.
B. B. Mahapatra

C & P

(A)

14/3/23

B.A.

Continuation