

3rd on A/c Bill
 Name of work - Construction of road
 from Dadipur Uttarind
 to NH 31 under mngsy
 Agency - Sri Ranjodt Kumar
 AITP - Fatehpur, Nawada.
 Agr. No. - 28/SB/ mngsy/2020-21
 Date of Commencement - 05.9.2020
 Date of completion as per agr - 04.6.21
 Date of Entry :- 12.4.21.
 St No. 1/28. E/W excavation
 for structure ---
 tech spec.

Scanned with CamScanner

Sch. XLV-Form No. 134

Sch. XLV-Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
	Rec cutwork				
Abut-	2x	7.60x	2.20x	1.60	55.94m ³
R/wall-	4x	1.60x	2.10x	1.60	21.50m ³
Floor-	1x	6.20x	8.40x	0.25	0.62m ³
					78.06m ³
	600mm dia H.P.C				
H/W -	2x	3.90x	1.15x	1.50	13.46m ³
Below pipe	1x	5.35x	1.13x	0.365	2.21m ³
	1000mm dia pipe				
H/W -	2x	6.45x	1.40x	1.50	27.09m ³
Below pipe	1x	4.85x	1.53x	0.365	2.71m ³
					123.53m ³

H No 2/21. Providing P.C.M.S					
in ground. ---					
depth. 400mm.					
<u>Rec cutwork</u>					
Abut.	2x	7.60x	2.30x	0.20	6.99m ³
R/W	4x	1.60x	2.10x	0.20	2.69m ³
Cut off wall	2x	0.40x	1.00x	0.20	0.16m ³
	<u>600mm dia H.P.C</u>				
H/W	2x	3.90x	1.15x	0.15	1.35m ³
Below pipe	1x	5.31x	1.13x	0.25	1.50m ³
	<u>1000mm dia H.P.C</u>				
H/W	2x	6.45x	1.40x	1.15	2.71m ³
Below pipe	1x	4.93x	1.53x	0.25	1.89m ³

Continuation

17.29m³

R. Kumar
12.4.21
22

12/04/21
A.B.

Particulars	Details of actual measurements	Quantity of work
	No. L B H	
21 No. 3/30 Providing PCC in foundation		
Abut.	2x 6.00x1.00x1.80	21.60 m ³
R/W.	4x 1.90x0.75x2.10	11.97 m ³
Out of	2x 1.20x0.40x1.40	2.69 m ³
		50.62 m ³

21 No. 4/30 Providing PCC
M20 in Subgrade
----- Decking

Abut.	2x 6.00x1.00x1.80	21.60 m ³
R/W.	4x 1.90x0.75x2.10	11.97 m ³

33.57 m³

600mm dia HPC

H/W.	2x 3.60x0.70x2.78	14.01 m ³
Pavement	2x 3.60x0.40x0.60	1.73 m ³
Deduction for pipe		

$$2 \times \frac{\pi}{4} \times (0.83)^2 \times 0.53 = 0.57 \text{ m}^3$$

1000 mm dia HPC

H/W.	2x 6.15x0.825x3.18	32.27 m ³
Pavement	2x 6.15x0.40x0.60	2.95 m ³

Deduction for pipe:-

$$2 \times \frac{\pi}{4} \times (1.23)^2 \times 0.622 = 1.48 \text{ m}^3$$

82.48 m³

Continuation
18/4/21
A.E.
DE

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
11 No. 5/31	Providing and Laying, 100mm dia RCC N/P Pipe				
		10x10.0m			100.0m
12 No. 6/32	Providing and Laying, 100mm dia N/Ps Grommets				
	Pipe - - - - -	3x2.50m			7.50m
13 No. 7/33	Providing and Laying, 100mm dia N/Ps Grommets				
	Pipe - - - - -	3x2.50m			7.50m

		3x2.50m			7.50m
14 No. 8/37	S.F.P. HYSD Bar reinforcement - - -				
	Reinforcement - - -				
	Reinforcement - - -				
	12mm dia - 2x10x5.95m				
	= 119.0m @ 0.89kg/m = 105.91kg				
	Grounding Ring -				
	2x30 x 1.80m = 14.0m				
	2x30 x 1.55m = 9.30m				
	257.0m				
	@ 0.394kg/m = 81.56kg				
					187.47kg
	Add 5% for lapping (+)				9.37kg

Continuation

20.4.21
A. B.

20/4/21 = 0.1968mT
A. B.

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
It No. 9/30. Providing Plain/ Reinforcement concrete - - - - - 20 dia					
2x 6.00x0.70x0.20 =					1.68 m ³
2x 6.00x0.40x0.24 =					1.15 m ³
					2.83 m ³
It No. 10/37. G.F.P. HYSD Bar - - - - - 20 dia Deck Slab 16 mm dia. 44x2.70 m = 119.60 m @ 1.578 kg/m = 187.47 kg					
12 mm dia. - 20x5.95 m = 119.0 m @ 0.89 kg/m = 105.91 kg 293.38 kg Add 5% for lapping etc = 14.67 kg 308.05 kg = 0.3081 MT					
25 dia. 25x4.21 76					
25 dia. 25x4.21 A.E.					
It No. 11/36 Rec m 25 in deck Slab - - - - - 20 dia 1x 6.00x2.56x0.24 = 3.69 m ³					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
St No 12/30. Rec m 20 in					
Substrate - - -					
Found - - -	2x	3.00	0.40	0.60	3.84 m ³
St No 13/35. Sand filling in					
Found - - -					
Floor - - -	1x	6.20	1.63	0.10	1.01 m ³
St No 14/29. Rec m 15 in					
Found - - -					
Floor - - -	1x	6.20	1.74	0.15	1.62 m ³

St No 15/30. Providing wash					
hills - - -					32 m ³
Round 30' 11' 21'					
30' 11' 21'					
30' 11' 21'					
St No 16/9. Construction of					
granular Subbase					
Found - - -					
1x 10.00		4.05	0.20		8.10 m ³
Add 1% for extra					
underlaid at current					0.08 m ³
					8.19 m ³

Round 30' 11' 21' Continuation
30' 11' 21' A.B.

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
24 No. 17/12. Providing Tack coat. --- Net					
Area as above					4355.62m ²
24 No. 20/13. Misc Soil Surface					
Providing 20mm thick premixed					
--- doh. m.					
Area as above					4355.62m ²
24 No. 21/8. Constructing Subgrade and					
eastern shoulder					
--- doh. m.					
2x38x1.40x0.275					
2x38x20.0x1.40x0.275					877.80m ³
2x 10.00x1.40x0.275					7.70m ³
					885.50m ³
24 No. 21/8	141	6.21	0.275	141.06121	A.B.
24 No. 22/16. Rec mix grade					
K.m. Stone --- do					2 No.
24 No. 23/17. Rec mix grade					
in 200 m stone					
--- doh. m.					6 No.

Continuation

21

Sch. XV Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

21 No. 20/20. Providing and fixing typical masonry Road					
----- 100m					4 Nos

21 No. 25/21. Providing and fixing masonry Road 600mm					
					18 Nos

21 No. 26/22. Providing and fixing 600mm circular Road					
----- 100m					18 Nos

21 No. 27/23. Providing and fixing					
------------------------------------	--	--	--	--	--

800mm x 600mm octagonal					
Board ----- 100m					4 Nos
21 No. 28/24. Providing and fixing 900mm Side Octagon Board					2 Nos
21 No. 29/25. Planting of trees and their maintenance for one year					60 Nos
21 No. 30/26. Road Marking with hot applied thermoplastic					

Continuation

Sch. XLV-Form No. 134

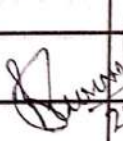
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2.5	3.3	20.0	0.10	228.0 m ²
	2.5	10.0	0.10		2.0 m ²
					230.0 m ²
2.11.3/2% Road Marking					
with hot applied					
thermoplastic					
over CC Surface					
	2x11	30.0	0.10		66.00 m ²
	2x20.0	0.10			4.00 m ²
					70.00 m ²

25.6.21
A.E.

25.6.21
A.E.

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Material Statement</u>					
(i) Earth =	885.50	m ³			
(ii) GSB Material =	688	m ³			
(iii) Stone metal grill =	395.27	m ³			
(iv) Stone chips =	342.14	m ³			
(v) Sand =	77.24	m ³			
(vi) Emulsion SS-1 =	3.70	m ³			
(vii) Emulsion RC-1 =	1.20	m ³			
(viii) Bitumen VG10 =	8.27	m ³			
<u>S.F.</u>					
(i) Earth =	885.50 m ³		34.78 / m ³		30798
(ii) GSB =	8.19 m ³		462.86 / m ³		3791.00
(iii) WBM II =	326.67 m ³		637 = 27 / m ³		208210.00
(iv) MSS =	4355.62 m ³		12.69 / m ³		55273.00
(v) PCC M15 =	69.54 m ³		527.00 / m ³		36648.00
(vi) PCC M20 =	84.15 m ³		536.00 / m ³		47784.00
(vii) RCC M25 =	3.67 m ³		586.00 / m ³		2162.00
(viii) Sand filling =	1.01 m ³		140.22 / m ³		142.00
					<u>Rs 384808.00</u>
10% S.F.					<u>Rs 38481.00</u>
					
25.6.21					25/06/21
02					A.E.

Continuation

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3110 7/15	mix Soil Profile				
	Provision and fixing				
	Tech. sp.				
	V.T.M.B.P. 20				
4355.62 m ³	Q.R.	121.86	101	6	792112.00
3110 10/14	Construction of				
	Ground concrete				
	Borehole --- 500				
	V.T.M.B.P. 11				
227.25 m ³	Q.R.	5721.99	101	6	1300322.00
3110 11/16	Rec. m. 15 grade in				
	Kilometer 2.00				
	Tech. sp.				
	V.T.M.B.P. 20				
2110	Q.R.	1032.77	101	6	2766.00
3110 12/17	Rec. m. 15 grade in				
	200 m 2.00, --- 10				
	V.T.M.B.P. 20				
6110	Q.R.	546.93	101	6	3282.00
3110 13/18	Provision and fixing				
	typical masonry Road				
	Tech. sp.				
	V.T.M.B.P. 21				
4110	Q.R.	9266.48	101	6	37066.00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 No. 14/27. 22, 23, 24. Paved area, and for its maintenance Board - - - - - V.T.M.B.P. 21					
(i) 600mm circular 18 Nos @ Rs 2502.88 each Rs 45051.84					
(ii) 600mm circular 18 Nos @ Rs 4727.75 each Rs 85100.50					
(iii) 800mm x 600mm Rectangular 4 Nos @ Rs 6628.97 each Rs 26516.88					
(iv) 900mm side Octagonal 2 Nos @ Rs 8481.95 each Rs 16964.90					
31 No. 15/25. Planting of trees and their maintenance for one year - - - V.T.M.B.P. 21					
60 Nos @ Rs 818.70 each Rs 49122.00					
1 No. 16/26. Road Marking with hot applied thermoplastic - - - - - V.T.M.B.P. 22.					
230.00 m ² @ Rs 735.49 / m ² Rs 169151.00					
1 No. 17/27. Road Marking with hot applied thermoplastic - - - - - V.T.M.B.P. 22					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurements				Contents of area
	No.	L.	B.	H.	
70.00 m ³ @ R 834.29/m ³ R 58400.00					
21 Nov 18/28. C/W excavation for structure ---					
--- 1000 sqm					
V.T.M.B.P. 14.					
123.53 m ³ @ R 294.73/m ³ R 36408.00					
21 Nov 19/29. Providing Rec MIS in found ---					
--- 2000 sqm					
17.29 m ³ V.T.M.B.P. 14					
50.63 m ³ V.T.M.B.P. 15.					
1.62 m ³ V.T.M.B.P. 18.					

69.54 m ³ @ R 4209.08/m ³ R 292699.00					
21 Nov 20/30. Plain/Reinforced cement concrete in Substructure ---					
82.48 m ³ V.T.M.B.P. 15.					
2.83 m ³ V.T.M.B.P. 17.					
3.84 m ³ V.T.M.B.P. 18.					
89.15 m ³ @ R 4950.41/m ³ R 441329.00					
21 Nov 21/31. Providing and laying Rec NRs 30mm dia pipe ---					
V.T.M.B.P. 16.					
100.00 @ R 857.38/m R 85738.00					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
21 No. 22/30. Kerling and laying Rec NPs					
adorn the pipe					
----- Deck					
V.T.M. B.P. 16					
7.50m @ R 1038-20/m R					7787 ⁰⁰
22 No. 23/33. Kerling and laying Rec NPs					
adorn the pipe					
----- Deck					
V.T.M. B.P. 16					
7.50m @ R 3515-80/m R					26369 ⁰⁰
23 No. 24/35. Sand filling in					
form -----					
V.T.M. B.P. 18.					
1.01m ³ @ R 478-09/m ³ R					483 ⁰⁰
24 No. 25/36. Acc m25 in					
Deck slab -----					
V.T.M. B.P. 17					
2.69m ³ @ R 5905-51/m ³ R					21791 ⁰⁰
25 No. 26/37. S.F.P. HYSD					
Bar reinforcement					
----- Deck					
0.1968MT V.T.M. B.P. 18.					
0.3081MT V.T.M. B.P. 19.					
0.5049MT @ R 54960-36/MT R					27749 ⁰⁰

Continuation

den Previous Payment

N.T.M.B.P. 12 (-) P 3642144-00

P 3384987-00

~~Previous~~
25.6.21
DE

~~K~~
25.06.21
A.B.