

Name of Work—

Situation of Work—

Agency by which work is executed—

Date of Measurement—

No. and date of agreement

(These four lines should be repeated at the commencement
of the measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1st and Final	1811			

Name of Road:— T02 T01 Sarika.

Agency:— Sri-Ghanshyam.Singh

A1+P.O-APSadh, P.S-Warsaliganj

Dist-Nawada, Pin- 805130

agreement No:— 29 M.B.D /2022-2023

Date of Commencement:— 24-02-2023

Date of completion:— 23-11-2023

Date of entry:— 28-02-2023

Shanto 39' Providing Clearing &

grubbing road land—

to as complete—

$$4 \text{ No} \times 50.0 \times 3.5 + 4.5 = 800 \text{ m}^2$$

$$4 \text{ No} \times 50.0 \times 4.6 + 4.2 = 880 \text{ m}^2$$

$$4 \text{ No} \times 50.0 \times 5.0 + 4.6 = 960 \text{ m}^2$$

$$4 \text{ No} \times 50.0 \times 3.9 + 4.3 = 820 \text{ m}^2$$

$$4 \text{ No} \times 50.0 \times 4.1 + 4.6 = 870 \text{ m}^2$$

$$4 \text{ No} \times 50.0 \times 4.3 + 3.7 = 800 \text{ m}^2$$

$$4 \text{ No} \times 50.0 \times 3.5 + 4.5 = 800 \text{ m}^2$$

$$4 \text{ No} \times 50.0 \times 4.2 + 3.8 = 800 \text{ m}^2$$

$$4 \text{ No} \times 50.0 \times 4.8 + 5.2 = 1000 \text{ m}^2$$

$$4 \text{ No} \times 50.0 \times 2.8 + 3.2 = 600 \text{ m}^2$$

$$\text{Total Area} = 8330 \text{ m}^2$$

$$0.833 \text{ Hectare}$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Slope 1/10 Construction of embankment with clay board material					
$2 \times 2 \times 50.0 \times 0.8 + 1.7 \times 0.35 + 0.55 = 99.0 \text{ m}^3$					
$2 \times 2 \times 50.0 \times 0.9 + 1.7 \times 0.55 + 0.85 = 182.0 \text{ m}^3$					
$\left\{ \begin{array}{l} 2 \times 2 \times 50.0 \times 0.8 + 1.2 \times 0.7 + 0.3 = 100.0 \text{ m}^3 \\ 2 \times 2 \times 50.0 \times 0.9 + 1.5 \times 0.8 + 1.0 = 216.0 \text{ m}^3 \end{array} \right.$					
$2 \times 2 \times 50.0 \times 0.7 + 1.3 \times 0.6 + 0.5 = 110 \text{ m}^3$					
$2 \times 2 \times 50.0 \times 1.1 + 1.7 \times 0.55 = 154 \text{ m}^3$					
$2 \times 2 \times 50.0 \times 1.0 + 1.5 \times 0.65 + 0.45 = 137.50 \text{ m}^3$					
$2 \times 2 \times 50.0 \times 1.2 + 1.8 \times 0.9 + 1.3 = 330 \text{ m}^3$					
$2 \times 2 \times 50.0 \times 1.1 + 1.7 \times 0.8 + 1.2 = 280 \text{ m}^3$					
$2 \times 2 \times 50.0 \times 1.0 + 1.6 \times 0.7 + 1.3 = 260 \text{ m}^3$					
$2 \times 2 \times 50.0 \times 1.0 + 1.6 \times 0.6 + 0.8 = 182 \text{ m}^3$					
$2 \times 2 \times 50.0 \times 1.2 + 1.8 \times 0.7 + 1.1 = 270 \text{ m}^3$					
Total = 2320.50 m^3					
M.B.L or 181.87 m³ or					
Slope 1/10 Providing laying spready and compacting Q.S.B - material in pot filling - as completed -					
$1 \text{ No} \times 8.50 \times 1.20 = 10.20 \text{ m}^2$					
$1 \text{ No} \times 6.30 \times 1.45 = 9.13 \text{ m}^2$					
$1 \text{ No} \times 8.20 \times 1.30 = 10.66 \text{ m}^2$					
$1 \text{ No} \times 11.20 \times 2.80 = 31.86 \text{ m}^2$					
$1 \text{ No} \times 10.20 \times 2.50 = 25.50 \text{ m}^2$					
or - 86.85 m^2					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					86.85 m^2
					2.25 m^2
					5.04 m^2
					30.72 m^2
					25.28 m^2
					11.52 m^2
					13.44 m^2
					10.22 m^2
					13.20 m^2
					28.08 m^2
					14.40 m^2
					24.75 m^2
					11.88 m^2
					10.0 m^2
					12.80 m^2
					2.70 m^2
					1.35 m^2
					9.24 m^2
					8.32 m^2
					2.88 m^2
(A)					324.84 m^2
					36.54
					$324.84 \times 0.075 + 0.10 + 0.125 + 0.05 = 32.484 \text{ m}^3$
					4
					M.T.A
					0.3104103
					R

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Job No 13.	Providing laying spreading and compacting w.B.M material filling Pot holes to do Compact				
	Area As shown of above Pot measurem-				
	ent area vide Page No				
	(3) - of (A)				
	324.84 m ² - (A)				
	$324.84 \times 0.075 = 24.36 m^3$				
	M.1.1 05/04/13				
Job No 54.	Providing laying spreading and compacting w.B.M from material filling on pot holes -				
	Area As shown of above				
	Pot measurement shown				
	vide Page No - (3) - (A)				
	324.84 m ²				
	$324.84 \times 0.075 = 24.36 m^3$				
	M.1.1 21/04/13				
Job No 51.	P/V and laying - N.P.A 300 mm dia Hump fill				
	$3 \text{ m} \times 3 \times 2.50 \text{ m} = 22.50 \text{ m}^3$				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
9m ² 76/66	Providing Brick masonry work in Cement mortar (1:3) in parapet - wall to - ab. as control				
	$2 \times 4.0 \times 0.5 + 0.8 \times 0.9 + 0.5 = 2.69 \text{ m}^3$				
9m ² 8/65	Plastering with cement mortar (1:4) in sub - Brutute - m ²				
	$2 \times 6.0 \times 0.60 = 7.20 \text{ m}^2$				
	$2 \times 6.0 \times 1.20 = 14.40 \text{ m}^2$				
	$2 \times 6.0 \times 0.40 = 4.80 \text{ m}^2$				
	$4 \times 0.60 \times 0.40 = 0.96 \text{ m}^2$				
					27.36 m^2

9m ² 9/64	Providing and fixing logo of maintenance of typcial information sign - board - m ²				
	3 No				3 No
9m ² 10/49	Construction of dry lean Cement concrete sub-base over a parapet.				
	Sub - grade - m ²				
	$2 \text{ No} \times 3.80 \times 1.15 \times 0.10 + 0.025 = 0.76 \text{ m}^3$				
	$2 \text{ No} \times 2.80 \times 0.95 \times 0.10 = 0.53 \text{ m}^3$				
	$3 \text{ No} \times 1 \times 0.9 \times 0.025 + 0.10 = 0.23 \text{ m}^3$				
	$2 \text{ No} \times 2.70 \times 0.50 \times 0.10 = 0.27 \text{ m}^3$				
	$5 \text{ No} \times 1.45 \times 0.95 \times 0.025 = 0.51 \text{ m}^3$				
	total - 2.30 m ³				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2	1.10 x 5.60 x 1.20 x 0.075	=	1.00 m ³	
	1	1.10 x 8.80 x 0.75 x 0.075	=	0.62 m ³	
	6	1.10 x 3.60 x 0.60 x 0.10	=	1.29 m ³	
	1	1.10 x 1.5.1.90 x 0.90 x 0.10	=	1.43 m ³	
	2	1.10 x 9.5.0 x 0.75 x 0.075	=	2.81 m ³	
	4	1.10 x 4.70 x 0.60 x 0.075	=	0.84 m ³	
	1	1.10 x 5.20 x 0.80 x 0.075	=	0.31 m ³	
	3	1.10 x 3.80 x 0.90 x 0.075	=	0.76 m ³	
	4	1.10 x 2.50 x 0.80 x 0.10	=	0.80 m ³	
	1	1.10 x 1.30 x 0.90 x 0.075	=	0.087 m ³	
	1	1.10 x 25.0 x 0.40 x 0.10	=	1.00 m ³	
	1	1.10 x 7.50 x 0.60 x 0.075	=	0.42 m ³	
	6	1.10 x 0.80 x 0.40 x 0.10	=	0.19 m ³	
	3	1.10 x 1.50 x 1.20 x 0.075	=	0.40 m ³	
	1	1.10 x 2.50 x 0.80 x 0.075	=	0.15 m ³	
	1	1.10 x 3.50 x 0.70 x 0.10	=	0.24 m ³	
	1	1.10 x 2.80 x 1.20 x 0.10	=	0.336 m ³	
	1	1.10 x 2.50 x 0.90 x 0.10	=	0.225 m ³	
	1	1.10 x 1.6.1.90 x 0.50 x 0.10	=	0.845 m ³	
	1	1.10 x 2.80 x 1.50 x 0.075	=	0.315 m ³	
	1	1.10 x 4.60 x 0.30 x 0.075	=	0.10 m ³	
	1	1.10 x 21.50 x 0.80 x 0.075	=	1.29 m ³	
	4	1.10 x 0.90 x 0.60 x 0.075	=	0.162 m ³	
	3	1.10 x 0.80 x 0.40 x 0.075	=	0.072 m ³	
	2	1.10 x 1.50 x 0.60 x 0.075	=	0.135 m ³	
				Tot. Qtr	18.127 m ³
				74.1	
				81A123	
				74	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Sample 1/2					
Constituents of area					
8 corner corners					
Permit - 20 m					
2 corner					
CH - 0 to 268.30 m					
$2 \text{ Nos} \times 30.0 \times 3.75 \times 0.160 = 36.0 \text{ m}^3$					
$2 \text{ Nos} \times 30.0 \times 3.75 \times 0.160 = 36.0 \text{ m}^3$					
$2 \text{ Nos} \times 30.0 \times 3.75 \times 0.160 = 36.0 \text{ m}^3$					
$2 \times 6 \times 30.0 \times 3.75 \times 0.160 = 36.0 \text{ m}^3$					
$1 \text{ Nos} \times 25.0 \times 3.75 \times 0.160 = 15.0 \text{ m}^3$					
$1 \text{ Nos} \times 3.80 \times 3.75 + 3.40 \times 0.16 = 2.17 \text{ m}^3$					
CH at 220 to 2403 m					
$4 \text{ Nos} \times 25.0 \times 3.75 \times 0.160 = 60.0 \text{ m}^3$					
$3 \text{ Nos} \times 25.0 \times 3.75 \times 0.160 = 45.0 \text{ m}^3$					
$1 \text{ Nos} \times 20.0 \times 3.75 \times 0.160 = 12.0 \text{ m}^3$					
$1 \text{ Nos} \times 8.0 \times 3.75 + 3.50 \times 0.160 = 4.64 \text{ m}^3$					
$\frac{12}{12} + 24 = 282.81 \text{ m}^3$					
M&A					
0.104713					
3 Sample 1/2					
Proximity bony sprouts					
8 corner GSB make					
254 m pot filling - 2					
$13 \text{ Nos} \times 8.30 \times 1.50 = 161.85 \text{ m}^2$					
$10 \text{ Nos} \times 9.60 \times 1.95 = 187.20 \text{ m}^2$					
$6 \text{ Nos} \times 11.50 \times 0.950 = 65.55 \text{ m}^2$					
$6 \text{ Nos} \times 10.30 \times 2.10 = 129.78 \text{ m}^2$					
$13 \text{ Nos} \times 6.20 \times 1.30 = 104.78 \text{ m}^2$					
40 A 40 m $\times 649.16 \text{ m}^2$					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1	No	$7.0 \times 1.80 \times 1.90 =$		13.19 m ²
	2	No	$5.20 \times 1.20 =$		6.24 m ²
	3	No	$3.10 \times 1.80 =$		5.58 m ²
	4	No	$4.50 \times 1.90 =$		8.55 m ²
	5	No	$3.0 \times 2.0 =$		6.00 m ²
	6	No	$4.00 \times 1.70 =$		6.80 m ²
	7	No	$3.0 \times 2.20 =$		6.60 m ²
	8	No	$7.0 \times 0.90 =$		6.30 m ²
	9	No	$4.0 \times 1.20 =$		4.80 m ²
	10	No	$1.10 \times 1.60 =$		1.76 m ²
	11	No	$9.60 \times 1.70 =$		16.32 m ²
	12	No	$6.50 \times 1.60 =$		10.40 m ²
	13	No	$4.30 \times 1.90 =$		8.17 m ²
	14	No	$5.0 \times 2.00 =$		10.0 m ²
	15	No	$7.0 \times 1.40 =$		9.80 m ²
	16	No	$13.0 \times 1.50 =$		19.50 m ²
	17	No	$14.0 \times 0.80 =$		11.20 m ²
	18	No	$13.20 \times 1.40 =$		18.48 m ²
	19	No	$6.80 \times 1.70 =$		11.56 m ²
	20	No	$12.60 \times 1.20 =$		15.12 m ²
	21	No	$6.50 \times 1.40 =$		9.10 m ²
	22	No	$3.30 \times 1.20 =$		3.96 m ²
	(13) Total Area =				858.89 m ²
	$24 = 858.89 \times 0.025 + 0.125$				+ 0.15 100/20 m ³
	24 = 858.89 × 0.025 + 0.125				858.89 × 0.025 + 0.125 → 88 m ³
	2				
	1104/103				
	8				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
30th/11/13:	Providing laying spread and compacting W.B.M. grass material filling in pot holes in area as same of — above pot filling measurement area				
	Vide Page No - ⑧ of ⑧				
	(C) 858.83 m^2				
	$858.83 \times 0.075 =$	64.416 m^3			
	<u>Mash</u>				
	<u>1314123</u>				

30th/11/13:	Providing laying spread dry and compacting W.B.M grass material in pot filling area Pot Area as same of above Pot Meas- urement area —				
	Vide Page No - ⑨ of ⑨				
	(C) 858.83 m^2				
	$858.83 \times 0.075 =$	64.416 m^3			
	<u>Mash</u>				
	<u>1314123</u>				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3m No 1/42					
Priority laying spreads					
8 Compacting G.S.B -					
material filling by 287					
Holes → no. 2					
1 No \times 7.10 \times 1.60 =					11.36 m ²
1 No \times 5.0 \times 1.90 =					3.50 m ²
1 No \times 3.0 \times 1.60 =					4.80 m ²
1 No \times 6.0 \times 1.90 =					11.40 m ²
1 No \times 4.0 \times 1.80 =					7.20 m ²
1 No \times 3.0 \times 1.40 =					4.20 m ²
1 No \times 4.0 \times 1.60 =					6.40 m ²
1 No \times 5.0 \times 1.70 =					8.50 m ²
1 No \times 7.0 \times 1.40 =					9.80 m ²
1 No \times 6.0 \times 1.90 =					11.40 m ²
1 No \times 7.0 \times 0.80 =					5.60 m ²
1 No \times 6.0 \times 1.50 =					9.0 m ²
1 No \times 3.50 \times 2.0 =					7.70 m ²
1 No \times 4.0 \times 1.80 =					5.33 m ²
1 No \times 5.0 \times 1.10 =					5.50 m ²
1 No \times 8.0 \times 1.70 =					13.60 m ²
1 No \times 7.50 \times 1.60 =					12.0 m ²
1 No \times 3.20 \times 1.40 =					4.48 m ²
1 No \times 2.50 \times 1.30 =					3.25 m ²
1 No \times 4.20 \times 2.20 =					9.24 m ²
1 No \times 3.20 \times 1.40 =					4.48 m ²
1 No \times 4.10 \times 1.70 =					6.97 m ²
1 No \times 3.00 \times 1.60 =					4.80 m ²
					90-Area = 176.51 m ²

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
				B/8. Area	17.651 m ²
				1 Metre 1.50 x 1.30 =	14.75 m ²
				1 Metre 6.80 x 0.50 =	6.12 m ²
				1 Metre 12.60 x 1.20 =	15.12 m ²
				1 Metre 25.0 x 1.20 =	32.50 m ²
				1 Metre 6.20 x 0.80 =	4.96 m ²
				1 Metre 2.80 x 0.30 =	1.96 m ²
	(c)			Total Area =	252.12 m ²
				252.12 x 0.150 =	37.81 m ³
				M/100	
				15104123	
				S	

Item No 16. 13.	Providing laying KPR- earthen Compacting W/BM gpt II mattock fill m Pot holes on as compaction Pot Measurement - area as form of above Pot Area in m ² . Page No. - (1) to - (c) 252.12 m ³ 252.12 x 0.075 = 18.91 m ³
	M/100 15104123 S

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Soil area					
Paving area					
Large spreading area					
Composting W.B.M. grass					
Mortar mix, filtering area					
Pot holes - 20 m ²					
Pot measurement area					
of Pipe No(1) - 80 -					252.12 m ²
4 Nos 6.50 x 0.70 =					18.20 m ²
1 Nos 9.50 x 0.90 =					8.55 m ²
1 Nos 8.60 x 1.50 =					12.90 m ²
1 Nos 7.60 x 1.40 =					10.64 m ²
1 Nos 3.30 x 1.10 =					3.63 m ²
1 Nos 4.10 x 1.20 =					4.92 m ²
1 Nos 3.8 x 0.90 =					2.70 m ²
1 Nos 5.0 x 1.50 =					7.50 m ²
1 Nos 4.20 x 1.80 =					4.20 m ²
1 Nos 5.0 x 1.20 =					6.0 m ²
1 Nos 4.10 x 1.60 =					6.56 m ²
1 Nos 13.50 x 0.90 =					12.15 m ²
1 Nos 25.00 x 0.80 =					20.0 m ²
1 Nos 30.0 x 0.60 =					18.0 m ²
1 Nos 3.90 x 2.50 =					9.75 m ²
1 Nos 6.90 x 2.80 =					19.32 m ²
1 Nos 4.30 x 1.20 =					5.16 m ²
1 Nos 16.0 x 0.90 =					14.40 m ²
1 Nos 11.50 x 0.70 =					8.05 m ²
					40-Area 444.75 m ²

Particulars	Details of each measurement				Contents of area
	No.	A	B	C	
		W.F Area			144.93 m ²
		2 Nos. 1.6m x 1.7m			3.87 m ²
		1 Nos. 1.5m x 1.9m			4.75 m ²
		1 Nos. 0.9m x 0.6m			0.54 m ²
		1 Nos. 3.5m x 1.2m			4.20 m ²
		1 Nos. 7.50m x 0.50m			3.75 m ²
		1 Nos. 30.0m x 0.8m			24.0 m ²
		1 Nos. 0.60m x 0.50m			0.30 m ²
		104.17m = 491.13 m ²			

$$Q_f = 191.13 \times 0.075 = 36.834 \text{ m}^3$$

Wd. 0

201.173
5m

Statement 18	Priming and applying Prime coat - with Bitumen emulsion
	Area as sum of Above part measure area vid Page No. ⑨ & ⑬
	$324.84 + 191.13 = 815.97 \text{ m}^2$

Statement 19	Priming and applying tuck coat to m
	Area as sum of above item (18, 19) Area -
	$324.84 + 49.13 =$
(4)	$815.97 \text{ m}^2 - 815.97 \text{ m}^2$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
200m ²⁰ 16	Providing and laying 20 mm thick soil				
	Soil surface of Patch Area -				
	Patch Area as per Area of Above item				
	Richardson Page no 14 of measurement of (A)				
	815.97 m ² —				815.97 m ²
	Malm				
	270A/23				
200m ²⁰ 16	Providing and applying Prime coat -				
	Area as per item above				
	Per measurement area				
	Richardson Page no 14 - C				
	858.89 m ² —				858.89 m ²
200m ²⁰ 17	Providing and applying fuel coat -				
	Area as per item above				
	Above Area value				
	Page no - 14 —				
	858.59 m ² —				858.59 m ²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
smth 97	Provide and apply				
	20 mm thick min				
	Soil Surface in pattern				
	area - 10 m ²				
	Pattern Area as per				
	of above item				
	Trim, R Page No. (14)				
	858.59 m ²				858.59 m ²
	Molar				
	2814723				
	PL				
smth 97	Provide and apply				
	tack coat - 0.0				
	as complete				
	$4 \text{ No} \times 50.0 \times 3.75 = 750 \text{ m}^2$				
	$1 \text{ No} \times 5.0 \times 3.75 + 3.3$				17.62 m ²
	$\frac{2}{2}$				
	$4 \text{ No} \times 50.0 \times 3.75 = 750 \text{ m}^2$				
	$1 \text{ No} \times 30.0 \times 4.2 + 3.75$				$\frac{2}{2} 119.25 \text{ m}^2$
	$3 \text{ No} \times 30.0 \times 3.75 = 337.50 \text{ m}^2$				
	$4 \text{ No} \times 30.0 \times 3.75 = 450 \text{ m}^2$				
	$2 \text{ No} \times 50.0 \times 3.75 = 375 \text{ m}^2$				
	$1 \text{ No} \times 25.0 \times 4.1 + 3.75$				$\frac{2}{2} 98.12 \text{ m}^2$
	$3 \text{ No} \times 25.0 \times 3.75 = 281.25 \text{ m}^2$				
	$3 \text{ No} \times 30.0 \times 3.75 = 337.50 \text{ m}^2$				
	$1 \text{ No} \times 15.0 \times 4.3 + 3.75$				60.37 m^2
	$\frac{2}{2} 4 \text{ No} \times 50.0 \times 3.75 = 750 \text{ m}^2$				
	$2 \text{ No} \times 30.0 \times 3.75 = 450 \text{ m}^2$				
	$1 \text{ No} \times 25.0 \times 3.75 = 93.75 \text{ m}^2$				
(A) Area = <u>4870.36 m²</u>					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3mtr 18 ^{1/2}	Providing and laying semi-dense bituminous cone				
	rate surface				
	to be excavated				
	Area of some of above items				
	Page No. (16) of A				
	4870.36 m ²				
	$Q_1 = \frac{1}{2} \times 4870.36 \times 0.025 = 121.76 m^3$				
	1/2				
	3105123				
3mtr 16 ^{1/2}	Providing and applying tack coat to completion				
	$2 N_o \times 50.0 \times 3.75 = 375 m^2$				
	$2 N_o \times 50.0 \times 3.75 = 375 m^2$				
	$2 N_o \times 50.0 \times 3.75 = 375 m^2$				
	$1 N_o \times 25.0 \times \frac{4.2 + 3.75}{2} = 99.37 m^2$				
	$1 N_o \times 25.0 \times 3.75 = 93.75 m^2$				
	$2 N_o \times 50.0 \times 3.75 = 375 m^2$				
	$1 N_o \times 25.0 \times \frac{4.1 + 3.75}{2} = 98.12 m^2$				
	$1 N_o \times 15.0 \times 3.75 = 56.25 m^2$				
	$1 N_o \times 15.0 \times \frac{4.0 + 3.75}{2} = 58.12 m^2$				
	$1 N_o \times 5.0 \times 3.75 + 3.40 = 17.87 m^2$				
(B)	$\sum = 1923.48 m^2$				

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
Smn 18/48					
Providing playing &					
Semi-dense bitumen					
concrete					
surface					
Area A is 30m x 30					
9 above ground level					
Page No. 16 of 13					
1923.48 m ²					
$Q = 1923.48 \times 0.0252$					48.08 m ³
M 1/1					
08/05/23					
JK					

Smn 18/41 Construction of 345

Roads and Cordon

Shoulder - 0.25

$$2 \times 2 \times 50.0 \times 1.0 \times 0.3 + 0.2 = 55.0 \text{ m}^3$$

$$2 \times 2 \times 50.0 \times 1.5 \times 0.3 + 0.25 = 69.0 \text{ m}^3$$

$$2 \times 2 \times 50.0 \times 0.9 \times 0.35 = 63.0 \text{ m}^3$$

$$\sqrt{2 \times 2 \times 50.0 \times 1.2 \times 0.45} = 108.0 \text{ m}^3$$

$$2 \times 2 \times 50.0 \times 0.9 \times 0.6 + 0.8 = 126.0 \text{ m}^3$$

$$2 \times 2 \times 50.0 \times 1.0 \times 0.6 + 0.5 = 110.0 \text{ m}^3$$

$$2 \times 2 \times 50.0 \times 1.25 \times 0.8 + 0.4 = 150.0 \text{ m}^3$$

$$2 \times 2 \times 50.0 \times 1.3 \times 0.8 = 208.0 \text{ m}^3$$

$$2 \times 2 \times 50.0 \times 1.0 \times 0.7 + 0.5 = 120.0 \text{ m}^3$$

$$2 \times 2 \times 50.0 \times 0.8 \times 0.30 = 48.0 \text{ m}^3$$

$$2 \times 2 \times 50.0 \times 0.75 \times 0.25 = 37.5 \text{ m}^3$$

$$2 \times 2 \times 50.0 \times 0.85 \times 0.35 = 59.5 \text{ m}^3$$

$$40 - 1154.0 \text{ m}^3$$

Particulars	Détails de mesure actuelle				Contenu de l'aire
	No.	L.	B.	D.	
				$B/F = 84\pi$	1154 m^3
				$2 \times 2 \times 50.0 \times 0.90 \times 0.70 =$	36.0 m^3
				$2 \times 2 \times 50.0 \times 0.85 \times 0.30 =$	51.0 m^3
				$2 \times 2 \times 50.0 \times 0.95 \times 0.60 =$	114.0 m^3
				$2 \times 2 \times 50.0 \times 0.90 \times 0.70 =$	126.0 m^3
				$2 \times 2 \times 50.0 \times 1.20 \times 0.30 =$	72.0 m^3
				$2 \times 2 \times 50.0 \times 0.80 \times 0.20 =$	32.0 m^3
				$\text{Total } D/F =$	<u>1585 m^3</u>
				<u>M. dist</u>	
				<u>1015 m</u>	
contd 19/ 52	Pavement and flag K.M stone post too				
	3 Nos				3 Nos

contd 20/ 53	P/V and flag 200 mm stone post too				
	9 Nos				9 Nos
contd 21/ 54	Pavement and flag — direction and place				
	board — n —				
	$2 \times 1.20 \times 0.80 =$				1.92 m^2
contd 22/ 55	Pavement and flag — 600 mm equivalent triangle — n —				
	10 Nos				10 Nos
contd 23/ 56	P/V and flag 600 mm circular one or equivalent triangle —				
	9 Nos				9 Nos

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Som No 52	Boundary and fig	—	—	—	
	600x400 mm rectangle	—	—	—	
	Jubilee Stone Board —	—	—	—	
	4 Nos	—	—	—	4 Nos
Som No 53	Boundary and fig 900mm	—	—	—	
	Octagon stone Board —	—	—	—	
	3 Nos as complete	—	—	—	
	2 Nos	—	—	—	2 Nos
Som No 54	Boundary and fig Race	—	—	—	
	Boundary pillar —	—	—	—	
	30 Nos	—	—	—	30 Nos
Som No 55	Boundary and boundary	—	—	—	
	Road marking —	—	—	—	
	as complete —	—	—	—	
	$2 \times 6.0 \text{ m} \times 30.0 \times 0.010 = 360 \text{ m}^2$	—	—	—	
	$2 \times 5.0 \times 0.010 = 1.0 \text{ m}^2$	—	—	—	
	<u>361 m²</u>	—	—	—	
Som No 56	Road marking with	—	—	—	
	hot applied therm	—	—	—	
	plastic compound —	—	—	—	
	$2 \times 18 \text{ Nos} \times 25.0 \times 0.10 = 90 \text{ m}^2$	—	—	—	
	$2 \times 4.8 \times 0.010 = 4.8 \text{ m}^2$	—	—	—	
	<u>94.8 m²</u>	—	—	—	
	4 Nos $10 \times 10 \text{ m}^2$	—	—	—	
	<u>92.6 m²</u>	—	—	—	
Som No 57	Boundary Boundary two	—	—	—	
	(Coats on new Concrete	—	—	—	
	Brick —	—	—	—	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2x6.0x0.60				7.20m ²
	2x6.0x1.20				14.40m ²
	2x6.0x0.70				4.80m ²
	1x0.60x0.70				0.96m ²
	2x2x4.60x0.60	=			11.04m ²
	2x2x4.60x0.20				3.68m ²
					18.48m ²
					TOTM ARE 42.08m ²
	Mfb				
	16.5x123				8m ²
	JR				16.5.23
					AE

Abstract of cost

Sum No. 39. Providing clearing and grubbing road land—
 Qty in tonns P.H.C ①
~~0.833 Hect @ 62032.43/m 51673=~~

Sum No. 40. Construction of embank-
 ment with approved
 material—
 Qty in tonns P.H.C - ②
~~2320.50 m³ @ 250.34/m³-P- 580914=~~

Sum No. 41. Construction of 845 m³
 ad am 2 earthy shoulder—
 Qty in tonns P.H.C - ③
~~1585 m³ @ 253.71/m³-P 402130=~~
 C.R-Ro-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					81 P- R-
Smtb 1/12	Providing laying spreading and compacting G.S.B material - m				
	Qty vid m ³ P/Ho 3.8811				
	36.54 + 100.20 + 37.81 =				
	174.55 m ³ @ 1483.04/m ³ P. 258865 =				
Smtb 5/13	Providing laying spreading and compacting W.C.m gmr - material filling in pot holes -				
	Qty vid m ³ P/Ho - 4.911				
	24.363 + 64.416 + 18.91				
	107.689 m ³ @ 3280.44 P. 347883 =				
Smtb 6/14	Providing laying spreading and compacting W.B.m gmr material filling pot - holes -				
	Qty vid m ³ P/Ho - 4.913				
	24.363 + 64.416 + 38.834 =				
	125.613 m ³ @ 2826.04/m ³ P. 354987 =				
Smtb 7/15	Providing and applying Primer coat -				
	Qty vid m ³ P/Ho 13.14				
	815.97 + 858.89 =				
	1674.86 m ² @ 56.12/m ² P. 93976 =				
	93976 -				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B/P - R ₁
Soil No. 3/17					Providing and applying Inches @ 41 inches B.P.M. or 13, 14, 15 and 16 $815.97 + 858.59 =$ $1870.36 + 1923.18 =$ $8468.40 \text{ m}^3 @ 19.05 \text{ m}^3$ 161662 =
Soil No. 9/16					Providing and applying 20 mm thick mix Self-surfacing Qty in m ³ P.H. 13 & 15 $815.97 + 858.59 =$ $1674.56 \text{ m}^3 @ 249.46 \text{ m}^3$ 417736 =
Soil No. 10/18					Providing and laying Semi-dense bitumen Qty Concrete-Surface ab - ap completed Qty in m ³ P.H. 16, 8 & 17 $121.76 + 48.08 =$ $169.84 \text{ m}^3 @ 12614.85 \text{ m}^3$ 214242 =
Soil No. 11/19					Construction of dry leaves - Cement-Concrete In - bedding - coarse - rr ab - ap completed Qty in m ³ P.H. 6 $18.127 \text{ m}^3 @ 6384.73 \text{ m}^3$ 115192 = C/P - R ₂

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B/F - P
Somt 12/50'	Construction of un-				
	deformed Galfan				
	Concrete Permanent no				
	to be as complet				
	Qty in dm ³ P.No 17				
	282.81 m ³ @ 7992.37/m ³ f 2203760=				
Somt 13/51'	P/R and b4y - N Pa				
	300 mm dia hole -				
	Pipe - d - n				
	Qty in dm ³ P.No 14				
	22.50 m @ 600.49/m-f 13511=				
Somt 14/52'	Providing and fitting -				
	K.M. Stone Post no				
	Qty in dm ³ Post - 18				
	3 No @ 2671.87/each-f. 8016=				
Somt 15/53'	Providing and fitting -				
	200 m Stone Post -				
	ab - to as complet				
	Qty in dm ³ P.No 18				
	9 No @ 757.59/each-f. 6818=				
Somt 16/54'	Providing and fitting				
	direction and Pipe -				
	board - n				
	Qty in dm ³ P.No 18				
	1.92 m ² @ 14820.48/m ² f 28455=				
	40 P				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B/P P-
Som No 17/56					Proprietary and fixing Goodman equilateral triangle mm mm
					Qty in mms P.No - 18
					10 Nos @ 1342.50 / each 13426=
Som No 18/56					P/Y and fixing 600 mm Circular board mm
					ab-as complete
					Qty in mms P.No - 18
					9 Nos @ 4240.90 / each 38168=
Som No 19/57					Proprietary and fixing 600x450 mm rectangle clear green board mm
					ab-as complete
					Qty in mms P.No - 19
					4 Nos @ 4097.16 / each 16389=
Som No 20/58					Proprietary and fixing - 900 mm octagon slot board mm
					Qty in mms P.No - 19
					2 Nos @ 8541.90 / each 17084=
Som No 21/59					P/Y and fixing Price Boundary pillar mm
					Qty in mms P.No - 19
					30 Nos @ 729.57 / each 21887=
					90-P-

Particulars	Details of area and measurement				Contents of area
	No.	L.	B.	D.	
					B/P - Rs
30m ² /62	P/r and levelling Road				
	marking - m -				
	Qty ridges filter - 19				
	361 m ² @ 823.80/m ² - Rs 29739/-				
30m ² /63	P/r and applying -				
	Road marking -				
	Qty ridges filter - 19				
	92.60 m ² @ 926.40/m ² - Rs 85785/-				
30m ² /64	bridging and fitting				
	Logo of maintenance				
	Sign board - m -				
	Qty ridges filter - 5				
	3 No @ 10853.24/each - Rs 32560/-				
30m ² /65	Plastering with cement				
	mortar (1:4) on brick				
	work 1m - 845 - 875 tare				
	ab - to - as complete -				
	Qty ridges filter - 5				
	27.36 m ² @ 181.93/m ² - Rs 4978/-				
30m ² /66	Brick-masonry work				
	in cement mortar (1:3)				
	in paratake - damp proof				
	Qty ridges filter - 5				
	2.691 m ³ @ 5828.95/m ³ - Rs 15686/-				
	90 - Rs -				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B/P - Rs. 7761354/-
Painting + two coats (concrete)					
Surface area					
Qty in m ² - 20					
40.32 m ² @ 16.86/m ² - 4712/-					
Tot Rs. 7766066=00/-					
Add 18xG.S.T - Rs(+)					1397892=00/-
Add 1% L.C - Rs(+)					77661=00/-
Add S.P - Rs(+)					18651=00/-
Tot Rs. 10728161=00/-					
Less 17.10% below - 1824576=00/-					
Rs = 8893645=00/-					
Tot Rs. 9348587=00/-					
Less 17.10% below - Rs. 1598688=00/-					
Rs. 7749979=00/-					
crossed out work is complete as per practice Mto 16/05/2023	Mto 16/05/2023	SWZ	SE	16.5.23	AE
masonry statement					
① B/W - 3905.50 m ³					
② mate :- 396.07 m ³					
③ store crib - 564.33 m ³					
④ Screening - 60.50 m ³					
⑤ Sand - 225.68 m ³					
⑥ Boxes - 1350 Nos -					
⑦ S.I - 1427 kg					
⑧ Rs - 1 - 2839 Kgs					
⑨ S.G.R - 22798 Kgs					
Continuation					
my son 16/05/2023 SE					

Letter No - C-E-4 (N) 3054 - 01-05-2022
part - II - 84 (Enc) patna dt - 08/06/2022
Received A/cntmt Rs. 27 - 77,49,979/-

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
J.Tax @ 1/-	77500/-				
C.GST @ 1/-	77500/-				
S.GST @ 1/-	77500/-				
L.Cess @ 1/-	77500/-				
S.D @ 5/-	387499/-				
Royalty	315931/-				
S.F	106908/-				
in A/c	6629581/-				
Total Rs	7749979/-				

Passed for Rs - 7749,979/- Rupees (Seventy seven Lakh forty nine Thousand nine hundred seventy nine) m/s -

10/06/2023

Executive Engineer

R.W.D, Works Division

Sheikhpura

DS
10/06/2023

Lokan
10/06/2023

17/11/2023
10/06/2023

TOTC/2023/0602/599

" Dt - 14/06/2023