

21900410 B-11

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	D.
N/W - Const. of road from Bantaf				
Roadway survey road				
Land to be under survey (SI)				
Agency - Sri Sumanada K. Pagar.				
Agreement No. - 27530/2021-22				
Date of commencement - 24.01.2021				
Date of Completion - 23.08.2022				
Actual Date of Completion - 19.10.2023				
Agreement amount - 80,44,982				
Const. cost - 51,70,468				
Maintenance cost - 8,74,514				
Rate quoted - 21.99% below				
1) Earth work is excavation for				
structure - all comp				
As - 22.9.40 x 2.65 x 1.60 = 79.71 m ³				
Rel. 4 x 1.45 x 2.45 x 1.60 = 22.74 m ³				
WD - 1 x 7.75 x 0.40 x 0.20 = 0.62 m ³				
				103.07 m ³
2) Long filling in fence boundary				
- all comp				
As - 12 x 9.10 x 2.65 x 1.60 = 12.95 m ³				
WD - 1 x 7.70 x 1.67 x 0.10 = 1.28 m ³				

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	D.
<u>③ Providing RCC Ms in Fence</u>				
— 2" comp				
Asst - $2 \times 9.10 \times 2.4 \times 0.20 = 9.61 \text{ m}^3$				
Ref. - $4 \times 1.26 \times 2.43 \times 0.200 = 2.45 "$				
Flt - $1 \times 7.70 \times 1.76 \times 0.100 = 1.35 "$				
				13.41 m ³
<u>④ Providing RCC Ms in Fence</u>				
— 2" comp				
Asst - $2 \times 8.30 \times 2.14 \times 1.40 = 49.73 \text{ m}^3$				
Ref. - $4 \times 1.26 \times 1.93 \times 1.40 = 13.62 "$				
				63.35 m ³
<u>⑤ Providing RCC Ms in Substructure</u>				
— 2" comp				
Asst - $2 \times 7.50 \times 1.17 \times 2.80 = 49.14 \text{ m}^3$				
Ref - $4 \times 1.73 \times 0.92 \times 3.09 = 19.67 "$				
(2 pip - $4 \times 2.20 \times 0.40 \times 0.150 = 0.53 "$				
Perforat - 69.94 m^3				
			limit 69.93 m ³	
<u>⑥ Providing RCC Ms in Substructure</u>				
— 2" comp				
Asst. Cep - $2 \times 7.50 \times 0.70 \times 0.20 = 2.10 \text{ m}^3$				
Dist. - $2 \times 7.50 \times 0.40 \times 0.240 = 1.44 "$				
Perforat - $2 \times 7.50 \times 0.40 \times 0.60 = 3.60 "$				
				7.14 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑦ Providing & fixing of boarding over top surface - Const					
Asst Cap - $2 \times 7.50 \times 0.70 = 10.50 \text{ sq}$					
Dist - $2 \times 7.50 \times 0.240 = 3.60 \text{ "}$					
				14.10 sq	
⑧ S/F/F HySD bar reinforcement including cutting & bending etc. - Bill Comp					
Asst. Cap & Dist. Qty D-18					
$3.54 \text{ m}^2 @ 90.0 \text{ kg/m}^2 = 318.60 \text{ kg}$					
Rebar Slab $3.71 \text{ m}^2 @ 120 \text{ kg/m}^2 = 445.20 \text{ "}$					
Cutting & bending 2% $1 = 15.28 \text{ "}$					
Cost 0.764 m 750.08 kg					
⑨ Providing R.C.C.MSD in Deck Slab - Bill Comp					
$1 \times 7.50 \times 2.00 \times 0.240 = 3.61 \text{ m}^3$					
⑩ Providing & Filling Joint Sealing - Bill Comp					
$2 \times 7.50 = 15.00$					
⑪ Providing Weep holes in sub-area - Bill Comp					
$2 \times 15 \times 4 \times 3 = 42.00 \text{ m}^3$					

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(12) P/A Paving layer with 61/6 avg section = 211 loop				
Qty: volume of Paving layer = 211 P 10				
= 285.46 m ³				
less cement P 10 = 58.52 m ³				
				226.94 m ³
⇒ 226.94 / 0.075				
= 3025.87 m ²				
(13) P/A Tack layer with bitumen avg section = 211 loop				
4 x 30.0 x 3.75 = 450.0 m ²				
2 x 15.0 x 5.50 + 3.75 = 138.75 "				
5 x 30.0 x 3.75 = 562.50 "				
8 x 30.0 x 3.75 = 900.00 "				
6 x 30.0 x 3.75 = 675.00 "				
2 x 30.0 x 3.75 = 225.00 "				
1 x 20.0 x 3.75 = 75.00 "				
				3029.95 m ²
(14) P/L 8 rolling of loose graded Paving Surface = 211 loop				
Qty: 29000 sq ft = 2700 m ²				

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(15) Laying brick along on forehand surface - Comp.				
2 x 6 x 50.0			10.50	= 180.0 m ²
2 x 1 x 20.0			10.50	= 20.0 "
				<u>200.0 m²</u>
(16) R.C.M 15 grade km stone of 5/3 ordered design 2 loop.				
km stone - 2.0 m ²				
200 m stone - 4.0 m ²				
Boundary pillars - 8.0 m ²				
(17) P/F of rebar reflected Cautionary mandatory sigs - all comp.				
Rebar along 4.0 m - 4.0 m ²				
600 mm Circular - 3.0 m ²				
800 x 600 mm sq - 4.0 m ²				
600 x 450 mm bed - 2.0 m ²				
Erecting 8 phase pylon - 4.0 m ²				
(18) P/F of 10/2 applied for 1000-plate 1000 mm - all comp				
BT - 2 x 900.0 x 0.10 = 180.0 m ²				
CCP 2 x 200.0 x 0.10 = 40.0 m ²				

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
		B/P	-	
750	6.287	5.872	50	293.60
800	5.611	5.049	50	297.45
850	5.359	5.485	50	274.25
900	6.465	5.012	50	295.60
950	5.683	6.064	50	303.20
1000	3.603	4.393	50	216.65
			4	695.00
				8816.50
<u>1299/1800 M</u>				
0 to 500 M				
<u>10590.90</u>				
T 880.00				
9.46 + 7.30				
2 X 0.300 = 1972.00				
800 X 2 X 1.25 X 0.075 = 155.40				
800 X 2 X 1.49 X 0.000 = 476.50				
C.P. 2 X 200 X 1.39 X 0.175 = 97.30				
2 X 200 X 1.22 X 0.100 = 78.08				
<u>2654.58</u>				
Loss for				
950 + 796.29 m				
Newly 98.2 + 284.06 m				
C.P. - 12/100 "				
<u>1141.55</u>				
<u>810.22</u>				
1299/1800 M				
633.33 m				
<u>1299/1800 M</u>				

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
① Pile of working bricks				
work filled in - 211				
1.00 km P- (12)				
Q.R. 21987.64/km ² R ₂				21,988.64
② Cleaning & grubbing				
202.9 km of 16.0 cm dia				
up to 16.0 cm dia - 211 loops				
0.35 H ₂ P- (12)				
Q.R. 57127.38/H ₂ R ₂				17,898.00
③ Core of 2 of Embankment				
with approved material				
obtained from approved pit				
211 loops				
88.65 m ² P- (12)				
Q.R. 190.45/m ² - R ₂				16,883.25
833.38 m ² P- (12)				
Q.R. 148.99/m ² - R ₂				94,297.20
21.54.58 m ² P- (12)				
Q.R. 192.13/m ² - R ₂				510,024.20
④ Core of 2 of 4 m by 4 m				
211 loops				
21.54.58 m ² P- (12)				
Q.R. 192.13/m ² - R ₂				510,024.20
⑤ Core of 2 of 4 m by 4 m				
211 loops				
21.54.58 m ² P- (12)				
Q.R. 192.13/m ² - R ₂				510,024.20
⑥ Core of 2 of 4 m by 4 m				
211 loops				
21.54.58 m ² P- (12)				
Q.R. 192.13/m ² - R ₂				510,024.20
⑦ Core of 2 of 4 m by 4 m				
211 loops				
21.54.58 m ² P- (12)				
Q.R. 192.13/m ² - R ₂				510,024.20
⑧ Core of 2 of 4 m by 4 m				
211 loops				
21.54.58 m ² P- (12)				
Q.R. 192.13/m ² - R ₂				510,024.20
⑨ Core of 2 of 4 m by 4 m				
211 loops				
21.54.58 m ² P- (12)				
Q.R. 192.13/m ² - R ₂				510,024.20

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	D.
(6/9) P/A Rimmer bat with bifurcated emulsion loop.		5/11	Re	21,84,044=00
5025.87 m ² P-(20)				
@ Rs 43.11/m ²				Rs 1,70,445=00
(7/10) P/A Tack bat with bits over emulsion-loop.				
5029.95 m ² P-(20)				
@ Rs 14.99/m ²				Rs 45,116=00
(8/11) P/L ceiling close grade Panna Surfacing-Comp.				
3029.95 m ² P-(20)				
@ Rs 216.98/m ²				Rs 6,55,614=00
(9/12) Const ⁿ of unreinforced general joint of expansion - 311 loop.				
121.20 m ² P-(13)				
@ Rs 6022.54/m ²				Rs 8,02,652=00
(10/13) Laying Brick setting for paved surface-loop				
200.0 m ² P-(21)				
@ Rs 545.04/m ²				Rs 1,09,008=00
(11/14) Laying Duct across the road - 211 loop				
300.0 m ² P-(13)				
@ Rs 1604.79/m ²				Rs 4,81,440=00
				Rs 4,75,023=00



Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	D.
(12/15) Rec. M.S. grade 40 S/ft of standard design - 511 Comp.		3/4	Rs	4475 023=00
2.0 NR P-52) 40 S/ft		CA 105.01/001	Rs	3913=00
4.0 NR P-52) 200 M S/ft		CA 525.85/001	Rs	2263=00
8.0 NR P-52) Boundary piles		(CA 475.09/001)	Rs	3801=00
(13/18) P/F of overhead electronic cable on 97 poles of 40 ft high				
4.0 NR P-52) 400 M S/ft		CA 3304.82/001	Rs	13579=00
3.0 NR P-52) 600 M S/ft		CA 4535.15/001	Rs	13725=00
4.0 NR P-52) 900 M S/ft		CA 6406.03/001	Rs	25824=00
3.0 NR P-52) 600 M S/ft		CA 4454.93/001	Rs	13264=00
4.0 NR P-52) Die DP 40		CA 11063.06/001	Rs	45052=00
(14/27) P/F of 100 ft The over bikes - Comp.				
4.0 NR P-52)		CA 810.98/001	Rs	32797=00
				Rs 4629141=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15/28) Brick (over, no floor)	P-12	48.29	14.100		
Ground in old - Comp.					
40.0 m ² P-22					
CA 1506.54 / 1000's Rs 228.5400					
(16/23) P/L hot asphalt of terrace					
plastic compound comp.					
160.0 m ² P-21					
CA 721.9 / 1000's Rs 15,506.00					
40.0 m ² P-57					
CA 821.81 / 1000's Rs 22,870.00					
(17/30) P/L of fabric, masonry in formwork 211 comp.					
with comp. - 211 comp.					
2.0 m ² P-13					
3.0 m ² P-20					
50 m ² CA 240.13 / 1000's Rs 46,201.00					
(18/31) E/w excavation in fence fence - comp.					
103.07 m ² P-17					
CA 294.79 / 1000's Rs 30,378.00					
(19/32) Sand fill 1000's in fence fence - comp.					
112.8 m ² P-17					
CA 127.21 / 1000's Rs 1,627.00					
(20/33) Foundation P/L 1000's in fence fence - 211 comp.					
13.41 m ² P-18					
CA 4363.71 / 1000's Rs 58,517.00					
Continuation					
Rs 49,76,896.00					

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
24/34 Paving RCC in Deck		40.76	896	= 00
24/35 Paving RCC in Deck		40.76	896	= 00
24/36 Paving RCC in Deck		40.76	896	= 00
24/37 Paving RCC in Deck		40.76	896	= 00
24/38 Paving RCC in Deck		40.76	896	= 00
24/39 Paving RCC in Deck		40.76	896	= 00
24/40 Paving RCC in Deck		40.76	896	= 00
24/41 Paving RCC in Deck		40.76	896	= 00
24/42 Paving RCC in Deck		40.76	896	= 00
24/43 Paving RCC in Deck		40.76	896	= 00
24/44 Paving RCC in Deck		40.76	896	= 00
24/45 Paving RCC in Deck		40.76	896	= 00
24/46 Paving RCC in Deck		40.76	896	= 00
24/47 Paving RCC in Deck		40.76	896	= 00
24/48 Paving RCC in Deck		40.76	896	= 00
24/49 Paving RCC in Deck		40.76	896	= 00
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24/57 Paving RCC in Deck		40.76	896	= 00
24/58 Paving RCC in Deck		40.76	896	= 00
24/59 Paving RCC in Deck		40.76	896	= 00
24/60 Paving RCC in Deck		40.76	896	= 00
24/61 Paving RCC in Deck		40.76	896	= 00
24/62 Paving RCC in Deck		40.76	896	= 00
24/63 Paving RCC in Deck		40.76	896	= 00
24/64 Paving RCC in Deck		40.76	896	= 00
24/65 Paving RCC in Deck		40.76	896	= 00
24/66 Paving RCC in Deck		40.76	896	= 00
24/67 Paving RCC in Deck		40.76	896	= 00
24/68 Paving RCC in Deck		40.76	896	= 00
24/69 Paving RCC in Deck		40.76	896	= 00
24/70 Paving RCC in Deck		40.76	896	= 00
24/71 Paving RCC in Deck		40.76	896	= 00
24/72 Paving RCC in Deck		40.76	896	= 00
24/73 Paving RCC in Deck		40.76	896	= 00
24/74 Paving RCC in Deck		40.76	896	= 00
24/75 Paving RCC in Deck		40.76	896	= 00
24/76 Paving RCC in Deck		40.76	896	= 00
24/77 Paving RCC in Deck		40.76	896	= 00
24/78 Paving RCC in Deck		40.76	896	= 00
24/79 Paving RCC in Deck		40.76	896	= 00
24/80 Paving RCC in Deck		40.76	896	= 00
24/81 Paving RCC in Deck		40.76	896	= 00
24/82 Paving RCC in Deck		40.76	896	= 00
24/83 Paving RCC in Deck		40.76	896	= 00
24/84 Paving RCC in Deck		40.76	896	= 00
24/85 Paving RCC in Deck		40.76	896	= 00
24/86 Paving RCC in Deck		40.76	896	= 00
24/87 Paving RCC in Deck		40.76	896	= 00
24/88 Paving RCC in Deck		40.76	896	= 00
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24/90 Paving RCC in Deck		40.76	896	= 00
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24/96 Paving RCC in Deck		40.76	896	= 00
24/97 Paving RCC in Deck		40.76	896	= 00
24/98 Paving RCC in Deck		40.76	896	= 00
24/99 Paving RCC in Deck		40.76	896	= 00
24/100 Paving RCC in Deck		40.76	896	= 00

Continuation
R₅ 57,63,660.00

Continuation