

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W:-					
Permanent restoration of					
road from Uchchait to					
Pokhrauni					
N/A:-					
Gopal Kumar Singh					
Agg. No :-					
03F2/2022-22					
Date of start :-					
3.7.21					
Date of completion :-					
2.8.21					

Measurement

- (1) Construction of sub grade & earthen shoulder with approved material obtained from borrow

dit --- as per tech specs

$$2 \times 2 \times 6.00 \times \frac{1.50 + 1.35}{2} \times 0.300 = 10.260 \text{ m}^3$$

$$2 \times 17.00 \times \frac{1.50 + 1.35}{2} \times 0.30 = 14.535 \text{ m}^3$$

$$2 \times 4 \times 5.00 \times \frac{1.5 + 1.35}{2} \times 0.30 = 17.100 \text{ m}^3$$

$$2 \times 10.00 \times \frac{1.5 + 1.35}{2} \times 0.30 = 8.550 \text{ m}^3$$

$$2 \times 5.00 \times \frac{1.5 + 1.35}{2} \times 0.30 = 4.275 \text{ m}^3$$

$$= 54.720 \text{ m}^3$$

- (2) Construction of Granular sub base Gr-1 by providing well graded material --- tech specs.

$$2 \times 5.00 \times 2.50 \times 0.10 = 2.50 \text{ m}^3$$

$$6 \times 3.00 \times 2.00 \times 0.100 = 3.60 \text{ m}^3$$

$$C/O = 6.100 \text{ m}^3$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B.F. = —			6.100M ³
		3X6.0X2.1X0.10			= 3.78M ³
				2	9.880m ³
(3.) Providing, laying, spreading and compacting stone aggregate WBM Gr-3 --- as per tech specs.					
		2X6.00X3.75X0.075			= 3.375M ³ .
		1X17.00X3.75X0.075			= 4.781 "
		4X5.00X3.75X0.075			= 5.625 "
		1X10.00X3.75X0.075			= 2.813 "
		1X5.00X3.75X0.075			= 1.406 "
				=	18.00M ³

(4.) P/A primer coat with bitumen emulsion SS-1 --- as per technical specification.					
		2X6X3.750			= 45.00M ²
		1X17X3.750			= 63.75M ²
		4X5.00X3.750			= 75.00M ²
		1X10.00X3.750			= 37.50M ²
		1X5.00X3.750			= 18.75M ²
				=	240.00M ²

(5.) P/A Tack coat with bitumen emulsion RS-1 --- as per technical specification.					
		2X6.00X3.75			= 45.00M ²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F	=	45.00 M ²
		1x 17.00	x 3.750	=	63.75 M ²
		4x 5.00	x 3.750	=	75.00 M ²
		1x 10.00	x 3.750	=	37.50 M ²
		1x 5.00	x 3.750	=	18.75 M ²
				=	240.00 M ²

⑥ Providing, laying and rolling of close graded premix surface material - - - as per tech. specs.

		2x 6.00	x 3.750	=	45.00 M ²
		1x 17.00	x 3.750	=	63.75 "
		4x 5.00	x 3.750	=	75.00 "
		1x 10.00	x 3.75	=	37.50 "
		1x 5.00	x 3.750	=	18.75 "
				=	240.00 M ²

~~29/8/21~~
SE

~~29/8/21~~
AE

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of cost					
① construction of sub grade & earthen sholdr					
- - - tech. specs.					
O/y vide TMB PNO-(7)					
54.720 M ³ @ Rs 237.43/M ³ Rs = 12992=00					
② Cont. of GSB Gr-1					
by providing well graded					
- - - as per tech specs.					
O/y vide TMB PNO-(8)					
9.88 M ³ @ Rs 3328.15/m ³ Rs = 32882=00					
③ P/L spreading and compacting					
stone agg. WBM Gr-3 - - -					
as per tech specs.					
O/y vide TMB PNO-(8)					
18.00 M ³ @ Rs 4196.42/m ³ Rs = 75536=00					
④ P & A Primer coat					
with bitumen emulsion					
SS-1 - - - as per					
tech. specification.					
O/y vide TMB PNO-(8)					
240.00 M ³ @ Rs 49.42/m ² .					
Rs = 11861=00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤ P&A tack coat with bitumen emulsion. RS-1 - - - as per tech. specs. Dry vide TMB PNO-⑨ 240.00m² @ Rs 16.79/m² Rs = 4030.00					
⑥ P/L & rolling closed graded premix surface - - - as per tech. specs. Dry vide TMB PNO-⑨ 240.00 m² @ 233.36/m² Rs = 56006.00					

		Rs =	1,93,307 = 00
Add GST @ 12%		Rs =	23197 = 00
Add L/c @ 1%		Rs =	1933 = 00
Add S/Fee		Rs =	2326 = 00
		Rs =	220763 = 00

~~Phil~~ 278-24
5E

~~James~~ 219-12
ME

material student.

1)	Earthwork	- 54.72 m ³
2)	Local sand	- 3.75 m ³
3)	Metal	- 30.67 m ³
4)	Stone chips	- 6.48 m ³
5)	Screening	- 4.32 m ³
6)	Bitumen (S90)	- 0.456 MT
7)	Emulsion SS-1	- 0.204 MT
8)	" RS-1	- 0.046 MT