

~~RECEIVED BY~~ SCHEDULE X-LV-Form No. 134
M.S.N.E.M.S.C.

Mr.B.NO-3295

प्रदीप नारायण सिंह देव प्रसाद शर्मा
विजय नारायण प्रसाद शर्मा
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प्रदीप नारायण सिंह देव प्रसाद शर्मा
प्रदीप नारायण सिंह देव प्रसाद शर्मा

DIVISION

प्रदीप नारायण सिंह देव प्रसाद शर्मा
प्रदीप नारायण सिंह देव प्रसाद शर्मा
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SUB-DIVISION

प्रदीप नारायण सिंह देव प्रसाद शर्मा

MEASUREMENT BOOK

M.B.NO-3295

2nd A/c BILL

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work & Construction					
of Road from top Se					
mashwaria Pmg-sy Se					
Purab Tola Nahan H					
Patalkar					
Agency :- Bachcha Lal Shah					
Agreement no:- 72SBD/2020-21					
Date of Start :- 29.07.2020					
Date of Completion :- 24.04.2021					
Date of measurement :- 27.01.2023					
① Construction of embankment with material obtained					

from borrow pits -	
(Q.T Portion)	
$1 \times 30.0m \times 0.45m \times 0.35m = 5.775m^3$	
$2 \times 30.0m \times 0.45m \times 0.40m = 10.80m^3$	
$2 \times 30.0m \times 0.52m \times 0.45m = 14.04m^3$	
$2 \times 30.0m \times 0.48m \times 0.40m = 11.52m^3$	
$2 \times 2 \times 30.0m \times 0.50m \times 0.45m = 27.0m^3$	
$2 \times 2 \times 30.0m \times 0.46m \times 0.40m = 22.08m^3$	
$2 \times 2 \times 30.0m \times 0.42m \times 0.40m = 30.24m^3$	
(P.C.C Portion)	
$2 \times 30.0m \times 0.45m \times 0.55m = 14.85m^3$	
$1 \times 25.0m \times 0.43m \times 0.60m = 6.45m^3$	
$2 \times 2 \times 30.0m \times (0.35 + 0.45) m \times 0.40m = 28.80m^3$	
$2 \times 26.0m \times 0.42m \times 0.45m = 9.84m^3$	
$2 \times 2 \times 30.0m \times (0.35 + 0.45 + 0.5) m \times 0.40m = 31.20m^3$	

Continuation

C/o 212.585m³

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					1/f 212.585m ³
$2 \times 30.0m \times 0.30m \times 0.50m =$					9.00m ³
$1 \times 24.0m \times 0.35m \times 0.45m =$					3.78m ³
$1 \times 22.0m \times 0.30m \times 0.40m =$					2.64m ³
					228.00 m ³

(A) For 1000.0m lead = 105.0m³

(B) For 00.0m lead = 123.0m³

Squibs

27.01.2023

J.E

Date of measurement :- 14.02.2023

① Construction of subgrade
and earthen shoulders (BT portion)

$$2 \times 30.0m \times 7.275m \times 0.30m = 130.95m^3$$

$$3 \times 30.0m \times 7.275m \times 0.30m = 196.425m^3$$

$$2 \times 30.0m \times 7.275m \times 0.30m = 120.95m^3$$

$$3 \times 30.0m \times 7.275m \times 0.30m = 196.425m^3$$

$$1 \times 25.0m \times 7.275m \times 0.30m = 54.56m^3$$

$$1 \times 6.5m \times 7.275m \times 0.30 = 14.19m^3$$

$$720.50m^3$$

(2) Construction of granular

Sub base by providing

well graded material

(BT portion)

$$2 \times 30.0m \times 4.05m \times 0.20m = 48.60m^3$$

$$3 \times 30.0m \times 4.05m \times 0.20m = 72.90m^3$$

$$2 \times 30.0m \times 4.05m \times 0.20m = 48.60m^3$$

Continuation

C/o 170.10m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3 X 30.0m X 4.05m X 0.20m					= 42.90m ³
1 X 25.0m X 4.05m X 0.20m					= 20.25m ³
1 X 6.50m X 4.05m X 0.20m					= 5.265m ³
					268.515m ³
Add 1% for Curve					2.685m ³
					271.20m ³

(3) Providing, laying, Spreading

and Compacting Stone

aggregates — m³ m³

(B.T Portion)

$$2 \times 30.0m \times 3.75m \times 0.075m = 16.875m^3$$

$$3 \times 30.0m \times 3.75m \times 0.075m = 25.31m^3$$

$$1 \times 25.0m \times 3.75m \times 0.075m = 7.03m^3$$

$$1 \times 6.50m \times 3.75m \times 0.075m = 1.82m^3$$

$$93.23m^3$$

$$\text{Add } 1\% \text{ for Curve} = 0.93m^3$$

$$94.16m^3$$

(4) Construction of granular

Sub base by providing

well graded material -

(P.C.C Portion)

$$1 \times 30.0m \times 3.75m \times 0.10m = 11.25m^3$$

$$1 \times 30.0m \times (3.80 + 4.05) \times 0.10m = 11.775m^3$$

$$1 \times 30.0m \times 4.00m \times 0.10m = 12.00m^3$$

$$1 \times 30.0m \times 3.85m \times 0.10m = 11.55m^3$$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
L X 30.0m X $(3.95 + 3.75)$ m $\times 0.10m = 11.55 \text{ m}^2$					
L X 30.0m X $(4.00 + 3.60)$ m $\times 0.10m = 11.40 \text{ m}^2$					
L X 30.0m X $(3.80 + 3.90)$ m $\times 0.10m = 11.55 \text{ m}^2$					
L X 30.0m X 3.90m X 0.10m = 11.70 m ²					
L X 30.0m X 3.80m X 0.10m = 11.40 m ²					
L X 2.60m X 4.60m X 0.10m = 1.20 m ²					
L X 30.0m X 3.95m X 0.10m = 11.85 m ²					
L X 30.0m X 4.00m X 0.10m = 12.0 m ²					
L X 27.00m X 4.0m X 0.10m = 10.80 m ²					
L X 7.40m X $(4.0 + 6.6)$ m $\times 0.10m = 3.92 \text{ m}^2$					
L X 30.0m X $(4.90 + 3.60)$ m $\times 0.10m = 12.75 \text{ m}^2$					
L X 30.0m X $(3.85 + 3.75)$ m $\times 0.10m = 11.4 \text{ m}^2$					
L X 30.0m X $(3.75 + 3.65)$ m $\times 0.10m = 11.0 \text{ m}^2$					
L X 13.0m X $(3.70 + 4.30)$ m $\times 0.10m = 5.20 \text{ m}^2$					
L X 15.0m X 3.75m $\times 0.10m = 5.625 \text{ m}^2$					
Sagib 142.445 m²					
(5) Providing, laying, spreading and Compacting Stone	190.02 m ²				
aggregates -- w3mgrs (P.C.C portion)					
Area for GSB Brk in m ² $\times 0.075m$					
= 190.02 $\times 0.075m$					
Sagib 0.10m					
= 142.515 m ²					
<i>Detail</i>	<i>Sagib</i>				
Sagib	Sagib				
142.515	14.02.2023				

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of measurement + 3.03.2023					
① Construction of un-reinforced plain cement concrete pavement					
Area for m ² m grs in m ² .					
$\times 0.16 \text{ m}$					
$= 142.515 \text{ m}^2 \times 0.16 \text{ m}$					
$= 0.075 \text{ m}$					
$= 204.032 \text{ m}^2$					
<i>J. H. J. Aquib</i>					
14/03/2023					3.03.2023
D.E					J.E

Continuation

(203.500 m²)
203.500 m² of (204)

ABSTRACT OF COST (2nd A/c BILL)

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
①/① P/F of working benchmark pillars					
Qty. wide TMBP ⑤					
Item no:- ① = 0.80 Km @ Rs 3649 = 81 / Km					Rs 2919 = 00
②/② Reference pillars					
Qty. wide TMBP ⑤					
Item no:- ② = 0.80 Km @ Rs 3649 = 37 / Km					Rs 1347 = 00
③/③ Clearing and grubbing road land by manual means					
Qty. wide TMBP ⑤					
Item no:- ③ = 0.56 Ha @ Rs 51133 = 76 / Ha					Rs 28634 = 00
④/④ Construction of embankment with material					
Qty. wide TMBP ⑩					
Item no:- ④ (A) = 105.0 m ² @ Rs 175 = 22 / m ²					Rs 18398 = 00
⑤/⑤ for 100m lead					
Qty. wide TMBP ⑩					
Item no:- ⑤ (B) = 123.0 m ² @ Rs 141 = 14 / m ²					Rs 17360 = 00
					C/I 0668658 = 00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6) Construction of Subgrade and earthen shoulders —					
Qty. vide TMBP (1)					
Item no:- (1) = 723.50m ³					
@ Rs 176=00/m ³					Rs 127958=00
(7) Construction of granular sub base by providing well —					
Qty. vide TMBP (2)					
Item no:- (2) = 271.20m ³					
@ Rs 300=00/m ³					Rs 816040=00
(8) Providing, laying, spreading and compacting — in BmqrB					
Qty. vide TMBP (11)					
Item no:- (3) = 94.16m ³					
@ Rs 3658=00/m ³					Rs 344509=00
(9) Construction of granular sub base by providing —					
Qty. vide TMBP (12)					
Item no:- (4) = 190.02m ³					
limit Qty. = 189.38m ³					
@ Rs 300=00/m ³					Rs 569844=00
	C/I				Rs 1927009=00

Continuation

16 D/F Rs 1927009 = 00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑩ (13) Providing, laying, spreading and compacting stone aggregates — wBMgrs					
Qty. vide Tmbp ⑫					
Item no.: ⑤ = 142.515 m ³					
limit Qty. = 142.03 m ³					
@ Rs 3658 = 77/m ³					Rs 519655 = 00
⑪ (14) construction of un-reinforced plain Cement Concrete					
Qty. vide Tmbp ⑬					
Item no.: ⑯ = 304.032 m ³					
limit Qty. = 303.0 m ³					
@ Rs 7045 = 98/m ³					Rs 2134931 = 00
					Rs 4581595 = 00
Less 12.08% as per agg.					(+) Rs 550249 = 00
					Rs 4031346 = 00
Add 1% L.Cess	(+)	Rs 40313 = 00			
Add 12% G-ST	(+)	Rs 483761 = 00			
Add Seigniorage fee	(+)	Rs 53268 = 00			
		Rs 4608688 = 00			
					Jaginb
					3.03.2023
					J.E
Less as per prev allotment					
					(-) Rs 13,94,561 = 00
					Rs 3214127 = 00

Continuation

Rishabh
14/03/23
PE

Jaginb
30.03.2023
J.E

material Statement

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Stone Chips = 272.70m ²					
@ Rs 528 = 14/m ²					Rs 144023=
Coarse Sand = 136.25m ²					
@ Rs 150.80/m ²					Rs 20561=00
53mm - 22.4mm = 28.6.58m ²					
@ Rs 458.22/m ²					Rs 131316=00
Stone Screening = 56.69m ²					
@ Rs 345 = 58/m ²					Rs 19587=00
53mm - 26.5mm = 161.20m ²					
@ Rs 458 = 22/m ²					Rs 73865=00
26.5mm - 4.75mm = 207.26m ²					
@ Rs 499 = 78/m ²					Rs 103580=00
Stone Screening = 29.01m ²					
@ Rs 185 = 94/m ²					Rs 17128=00
Earth = 951.50m ²					
@ Rs 23 = 78/m ²					Rs 22626=00
					Rs 532686=00
Total					
14/03/2023					
AE					
S.E					
14/03/2023					

Continuation