

PMMSY-NDP-BRRP-262 Chopea-2 PM13-ND-3402

Schedule XLY-Form No. 134

॥ श्रीगणेशाय नमः ॥

85/5B) / 2020-21

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DIVISION

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877 21727-262 / A811

SUB-DIVISION

संलग्न

MEASUREMENT BOOK

PA.B.NO-3402

1st on A/c bill

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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.	
N/W - Construction of Road & old works from NH-101 Hanuman Mandir to Mishrawaliya talu under mmssy (HDB) at block talalpur.					
N/Agency - Sri Bachha Singh					
Agg. NO - 85/SB/2020-21					
Date of start - 05.12.2020					

Date of Completion - 04.12.2021

Date of measurement - 25.03.2022

Items of work

- ① Plv & fixing of working Benchmark pillars = 01 NO
- ② Plv & fixing of reference pillars = 04 NOS
- ③ clearing & grubbing of road land

$$1 \times 10 \times 30.00 \text{ m} \times 3.50 \text{ m} = 1050.00 \text{ m}^2$$

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$$1 \times 5 \times 30.00 \text{ m} \times 3.50 \text{ m} = 525.00 \text{ m}^2$$

$$1 \times 1 \times 20.00 \text{ m} \times 3.50 \text{ m} = 70.00 \text{ m}^2$$

$$\text{Total} = 3745.00 \text{ m}^2$$

$$= 0.374 \text{ Hect}$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) Excavation for roadwork					
in soil with hydraulic excavator					
(Box cutting)					
For C.C. portion (Existing P.C.C. portion)					
2x	10x30.00m	0.375m	0.175m		$= 39.375 \text{ m}^3$
2x	2x30.00m	0.375m	0.175m		$= 7.875 \text{ m}^3$
2x	1x20.00m	0.375m	0.175m		$= 2.625 \text{ m}^3$
Beside of BES portion					
2x	5x30.00m	0.375m	0.10m		$= 11.25 \text{ m}^3$
2x	1x20.00m	0.375m	0.10m		$= 1.50 \text{ m}^3$
For B.T. portion					
2x	10x30.00m	0.525m	0.10m		$= 31.50 \text{ m}^3$
2x	7x30.00m	0.525m	0.10m		$= 22.05 \text{ m}^3$
2x	1x10.00m	0.525m	0.10m		$= 1.05 \text{ m}^3$
Total =					117.21 m^3
(5) Construction of embankment					
obtained from borrow pits					
with a lead upto 1000m					
8 100m.					
For B.T. portion					
2x	10x30.00m	1.250m	0.60m		$= 450.00 \text{ m}^3$
2x	7x30.00m	1.250m	0.60m		$= 315.00 \text{ m}^3$
2x	1x10.00m	1.250m	0.60m		$= 15.00 \text{ m}^3$
For C.C. portion					
2x	5x30.00m	0.700m	0.60m		$= 126.00 \text{ m}^3$
2x	1x20.00m	0.700m	0.60m		$= 16.80 \text{ m}^3$
Total =					922.80 m^3

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(i) (a) 1000m lead					
					$\approx 30\% \text{ of } 922.80 \text{ m}^2$
					$= 276.84 \text{ m}^2$
(ii) (a) 100m lead					
					$\approx 70\% \text{ of } 922.80 \text{ m}^2$
					$= 645.96 \text{ m}^2$
(6) Construction of granular sub-base on existing					
well graded material					
on box cutting (existing)					
P.C.C. Portion (Existing P.C.C.)					
	2x	10x30.00m	0.375m	0.10m	22.50 m^3
	2x	2x30.00m	0.375m	0.10m	4.50 m^3
	2x	1x20.00m	0.375m	0.10m	1.50 m^3
	2x	5x30.00m	0.375m	0.10m	11.25 m^3
	2x	1x20.00m	0.375m	0.10m	1.50 m^3
For B.T. Portion -					
	2x	10x30.00m	0.375m	0.10m	21.50 m^3
	2x	7x30.00m	0.375m	0.10m	22.05 m^3
	2x	1x10.00m	0.375m	0.10m	1.05 m^3
on full width -					
	1x	10x30.00m	4.050m	0.10m	121.50 m^3
	1x	7x30.00m	4.050m	0.10m	85.05 m^3
	1x	1x10.00m	4.050m	0.10m	4.05 m^3
For profile correction					
B.T. Portion -					
	5x	3.70m	3.00m	0.10m	5.55 m^3
Qty 10 = 312.00 m ³					

Continuation

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of cost</u>					
$\frac{1}{1}$ PIV & fixing of working Benchmark pillars					
01 No. vide TMBP-1					
					Rs 3654=67/110-Rs 3654=60
$\frac{2}{2}$ PIV & fixing of reference pillars.					
04 Nos. vide TMBP-1					
					Rs 1685=40/110-Rs 6742=60
$\frac{3}{3}$ clearing & grubbing of social lands.					
0.374 Hect, vide TMBP-1					
					Rs 52970=33/Hect-Rs 19,811=60
$\frac{4}{4}$ Box cutting - Excavation for roadwork in soil with hydraulic excavator					
117.24 m ³ , vide TMBP-2					
					Rs 75=57/m ³ -Rs 8858=60
$\frac{5(i)}{5}$ Construction of embankment with material obtained from borrow pit with a haul ^{up to} 100m.					
276.84 m ³ , vide TMBP-2					
					Rs 190=07/m ³ -Rs 52,619=60
					cto, Rs 91,684=60

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