

✓ 18.110.3292

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62 | 539 | 20-21

DIVISION

SUB-DIVISION

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MEASUREMENT BOOK

17.13.110-3292

4th and final bill

20

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - const. of road					
from chandhi smarak					
chakdeh to kateya					
Paschim tola tak					
Agency - Madhu Kumari					
Agreement no - 62SBD/2020-2021					
Date of start of work - 05/08/2020					
Date of completion - 04/05/2021					
Measurement					
(1) const. of culgrade & earthen shoulder					
— — — do — — —					
$2 \times 32 \times 30 \times 1.125 \times 0.075 = 162 \text{ m}^3$					
(2) const. of granular subbase					
— — — do — — —					
Profile correction					
$4 \times 7 \times 3 \times 0.10 = 8.4 \text{ m}^3$					
Extra widening					
$5 \times 6 \times 0.25 \times 0.10 = 0.75 \text{ m}^3$					
Total					
9.15 m ³					
(3) Per WBM gr - III					
Providing, laying, spreading					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③ compacting stone aggregate					
do					
Extra widening					
5X6X0.5X0.075					1.125 ³
9X15X0.25X0.075					2.531 ³
Total					3.656 ³
④ Prime coat					
do					
32X30X3.75X0.075					270 ³
5X6X0.5X0					3600 ²
5X6X0.5					15 ²
9X15X0.25					33.75 ²
Total					3648.75 ²
⑤ Tack coat					
do					
Area same as area used in prime coat					
P-④ item - ④ = amt					3648.75 ²
⑥ MSS					
providing, laying and rolling of close-graded premix					
do					
Area same as area used for tack coat P-④					
P-⑤ item - ⑤ = amt					3648.75 ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7) Providing and laying of reinforced cement concrete pipe duct					
— do —				ent = 6.0 m	
(8) Reinforced cement concrete m-15 grade boundary pillar — do —					
				ent = 17 No.	
(9) Kilometer stone					
Reinforced cement concrete					
m-15 grade — do —					
(i) km stone —				ent = 2 No.	
(ii) 200 m stone —				ent = 4 No.	
(10) Providing & fixing of retro-reflectivised cautionary, mandatory and informatory sign board — do —					
(i) 600mm equilateral triangle				ent = 2 No.	
(ii) 600mm circular board				ent = 2 No.	
(iii) 600mm x 450mm rectangular board				ent = 1 No.	
(11) Providing and erecting direction and place identification — do —				ent = 2 No.	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) Providing and laying of hot applied Thermoplastic compound do — — —					
PPS $2 \times 32 \times 30 \times 0.10 =$					192m ²
(13) Planting of trees by the road side do — — —					90 No. 70 No.
(14) Providing and fixing of typical informative sign board with logo do — — —					1 No.
(15) Painting two coats on new concrete (H. Peuhort) surface with enamel paints					
$2 \times 3.6 \times 3.380 =$					24.336m ²
$2 \times 3.6 \times 0.40 =$					2.88m ²
$4 \times 0.70 \times 2.78 =$					7.784m ²
$4 \times 0.40 \times 0.60 =$					0.96m ²
work has been completed as per tech. specification					Total 35.96m ²
05/11/2021 JE					
05-2-2022 AE					

Continuation

Abstract of cost

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① setting out pillars do					
ent = 0.960 Km Page (15)					
item = ① @ Rs 6044.572 Rs					58022
② clearing & grubbing road land - do					
ent = 0.38 hect P (15)					
item = ② @ Rs 51133.76/h					
					Rs 194302
③ Box cutting do					
ent = 100.80 m ³ P (15)					
item = ③ @ Rs 126.24 Rs					127252
④ const. of embankment do					
ent = 60.48 m ³ P (15)					
item = ④ @ Rs 88.36 Rs					53442
⑤ const. of embankment do					
ent = 751.21 m ³ P (15)					
item = ⑤ @ Rs 184.30 Rs					1384482
⑥ const. of subgrade of earthen shoulder do					
ent = 187.20 m ³ P (16)					
item = ⑥ + 162 m ³ P (20)					
item = ① = 349.20 m ³					
@ Rs 210.88/m ³ Rs					736392

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑦ const. of granular subbase - do -					
amt = 513.60 m ³ P- (16)					
item - (7) + 9.15 m ³ P- (20)					
item - (2) = 522.75 m ³					
Limit to 522.43 m ³					
@ Rs 3531.92/m ³ = Rs 1845181=					
⑧ Earthwork in excavation - do -					
amt = 31.22 m ³ P- (16)					
item - (8) @ Rs 294.73					
= Rs 9230=					
⑨ Providing m-15 as levelling course - do -					
amt = 4.108 m ³ P- (16)					
item - (9) @ Rs 5505.79					
= Rs 226182					
⑩ Plain reinforced cement concrete - do -					
amt = 30.33 m ³ P- (16)					
item - (10) @ Rs 6173.50					
= Rs 187242=					
⑪ Providing and Laying RCC pipe NP-3 - do -					
amt = 15 m P- (17)					
item - (11) @ Rs 3193.85					

Continuation = Rs 47907=

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) WBM gr-III					
— do —					
ent = 270m^3 P- (17)					
item - (12) + 3.656m^3					
P- (21) item - (3)					183575
= 273.656m^3					
@ Rs $4282.73/\text{m}^3$ Rs					1171995-
(13) Providing & fixing of typical information					
sign board — do —					559185
ent = 2 No. P- (17)					
item - (13) +					
ent = 1 No. P- (23)					
item - (14) = 3 No.					
@ Rs $9413/\text{N}$ Rs					28239-
(14) Prime coat					
— do —					2051-
ent = 3648.75m^2					
P- (21) item - (4)					
@ Rs $45.50/\text{m}^2$ Rs					166018-
(15) Tack coat					
— do —					
ent = 3648.75m^2					
P- (21) item - (5)					108385
@ Rs $15.65/\text{m}^2$ Rs					57103-
(16) MSS Providing, laying and rolling of base grade of premix					
— do —					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qnt = 3648.75 m ²					
Page - (21) itm - (6)					2.1103
@ Rs 248.93 = Rs					908283
(17) Providing & laying reinforced concrete pipe duct					
do					1.99018
Qnt = 6 m P - (22)					
itm - (7) @ Rs 836.93					
= Rs					50212
(18) Reinforced concrete m-15 grade boundary					
pillars - do					
Qnt = 17 No. P - (22)					
itm - (18) @ Rs 511					
= Rs					86872
(19) Kilometer stone					
(i) km stone					
Qnt = 2 No. P - (22)					
itm - 19 (i) @ Rs 2274.82					
= Rs					45492
(ii) 200 m stone					
Qnt = 4 No. P - (22)					
itm - 19 (ii) @ Rs 633.93					
= Rs					25362
(20) Providing & fixing of retro-reflective cautionary, mandatory					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Antz 2 No. P-(22)					
itm - (11) @ Rs 10436.99					
					= Rs 208742
(23) Planting of trees by the road side					
do - - -					
Antz 90 No. P-(23)					
itm - (13) @ Rs 822.26					
					2 Rs 575582
(24) Painting two coats on new concrete (tripulst) surface					
with enamel paint					
do - - -					
Antz 35.96 m ² P-(23)					
itm - (15) @ Rs 97.19					
					= Rs 34952
					Total Rs 49808602
Add 12% GST (F) Rs					5977032
Add labour as 1% (F) Rs					498092
Add seigniorage fee (F) Rs					176632
					Total Rs 56460352
Less 0.06% as per agreement (F) Rs					33882
					Total Rs 56426472
Less previous bill amount (F) Rs					39643042
					Total Rs 16783432

G Singh
05/11/2021
JE

RPS
5-2-2022
Continuation

8-2-22
ER