

Harizan Tola Se Mishir Tola

under Massy nos (Bricks)

Schedule XLV-Form No. 134

MB No- 601/2023-24

Averay

DIVISION

Sangram

pur.

SUB-DIVISION

Utkarsh Anand Builders Pvt. Ltd.

MEASUREMENT BOOK

आशीष कुमार मिश्रा, 6032

2nd on A/c bill

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Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Name of work- Const ⁿ of road					
from Harizon Basti-se Hishir					
Tola under mnsy NDB(Brics)					
Agency- Utkarsh Anand Builders Pvt. Ltd.					
Agreement No- 01SBD/2023-24					
Agreement value- 1,62,27,363=0					
Date of Start- 23/06/2023					
Date of Completion- 22/06/2024					
Date of Entry:-					
Record Entry					
(1) Excavation for roadway					
(box cutting)					
2 x 4 x 30 x 0.525 x 0.100=					12.60m ³
2 x 4 x 30 x 0.525 x 0.100=					12.60m ³
2 x 1 x 10 x 0.525 x 0.100=					1.05m ³
					26.25m ³
(2) Const ⁿ of subgrade and earthen shoulder					
5 x 30 x 7.25 x 0.300=					326.25m ³
5 x 30 x 7.25 x 0.300=					326.25m ³
1 x 30 x 7.25 x 0.300=					65.25m ³
1 x 20 x 7.25 x 0.300=					43.50m ³
					761.25m ³
04/12/2023 J.E.					
04/12/23 AS					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
<u>Record Entry</u>					
① <u>Brick conular sub base</u>					
<u>grading I</u>					
<u>widening:-</u>					
2 x 5 x 30 x 0.525 x 0.100 =					15.75 m ³
2 x 3 x 30 x 0.525 x 0.100 =					9.45 m ³
2 x 1 x 10 x 0.525 x 0.100 =					1.05 m ³
<u>for levelling & Pot repair:-</u>					
1 x 6.10 x 1.85 x 0.100 =					1.13 m ³
1 x 8.00 x 2.25 x 0.100 =					1.80 m ³
1 x 5.50 x 1.70 x 0.100 =					0.93 m ³
1 x 7.00 x 2.10 x 0.100 =					1.47 m ³
1 x 6.75 x 2.10 x 0.100 =					1.35 m ³
1 x 6.80 x 1.20 x 0.100 =					0.82 m ³
<u>overlay:-</u>					
2 x 30 x 4.05 x 0.100 =					24.30 m ³
2 x 30 x 4.05 x 0.100 =					24.30 m ³
4 x 30 x 4.05 x 0.100 =					48.60 m ³
1 x 10 x 4.05 x 0.100 =					4.05 m ³
<u>Earthwork Portion:-</u>					
5 x 30 x 4.05 x 0.200 =					12.15 m ³
6 x 30 x 4.05 x 0.200 =					14.58 m ³
1 x 20 x 4.05 x 0.200 =					16.20 m ³
					4 18.50 m ³
<u>Signature</u> 08/12/2023 J-E					
<u>Signature</u> 08/12/23 P.S.					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
<u>Record Entry</u>					
① Brown laying, spreading and compacting WBS grade - 3					
5	x	30	x	3.75	x 0.075 = 42.19m ³
5	x	30	x	3.75	x 0.075 = 42.19m ³
5	x	30	x	3.75	x 0.075 = 42.19m ³
5	x	30	x	3.75	x 0.075 = 42.19m ³
					168.76m ³

Sum
12/12/2023
J.E.

<u>Record Entry</u>					
① Brown Prime coat with emulsion (SS1)					
5	x	30	x	3.75	= 562.50m ²
5	x	30	x	3.75	= 562.50m ²
5	x	30	x	3.75	= 562.50m ²
5	x	30	x	3.75	= 562.50m ²
					2250.00m ²

② Brown Tack coat with emulsion (RS1)					
B- same as above = 2250.00m ²					
③ Brown laying and rolling Mix Seal					
B- same as above = 2250.00m ²					

Continuation

Sum
15/12/2023
J.E.

Sum
15/12/23
A2

Continuation

Abstract of cost

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(1) ¹⁵⁶ Prov. & fixing benchmark					
Q. VTNB P 10 (1) = 1.334 km					
Limited - 1.33 km					
c h 5042.48 / km - R - 6706 = a					
(2) ¹⁵⁷ Prov. & fixing Ref. Pillar					
Q. VTNB P 10 (2) = 1.334 km					
Limited - 1.33 km					
c h 2365.43 / km - R - 3146 = a					
(3) ¹⁵⁸ Clearing and grubbing road land					
Q. VTNB P 10 (3) = 0.53 hect					
c h 72697 = 86 / hect h - 38530 = a					
(4) ¹⁵⁹ Excavation for roadway (box cutting)					
Q. VTNB P 10 (3) = 53.175 m					
P 18 (1) = 26.25 m					
79.425 m					
c h 103.85 / m R - 8248 = a					
(5) ¹⁶⁰ Constn. of embankment lead up to 1000 m					
Q. VTNB P 11 (4) = 50.927 m					
c h 258 = 52 / m R - 13166 = a					
(6) ¹⁶¹ Constn. of embankment lead up to 100 m					
Q. VTNB P 11 (4) = 1350.15 m					
c h 175 = 01 / m R - 236290 = a					
Continuation					306086 = a

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(7) Constn of subgrade and shoulder = shoulder					
Q-VMBP 15 (1) =				159.13911	
P 18 (2) =				761.2511	
P 21 (1) =				608.8011	
				1529.18911	
c h 263.38/11 ³ h =				4,02,758 = a	
(8) From granular subbase (BT portion)					
Q-VMBP 19 (1) =				418.5011	
c h 3966.23/11 ³ h =				18,59,867 = a	
(9) From laying spreading and compacting earth					
grade - 3 (BT Road)					
Q-VMBP 20 (1) =				168.7611	
c h 5360.91/11 ³ h =				9,04,707 = a	
(10) From prime coat with emulsion (Rs)					
Q-VMBP 20 (1) =				2250.011	
c h 60.27/11 ³ h =				1,35,607 = a	
(11) From Tack coat with emulsion (Rs)					
Q-VMBP 20 (2) =				2250.011	
c h 20.78/11 ³ h =				4,67,55 = a	
(12) From laying mix seal					
Q-VMBP 20 (3) =				2250.011	
c h 301.48/11 ³ h =				6,78,330 = a	
Continuation					41,34,110 = a

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(13) (168) from granular sub base (c/c portion)					
Q-VTNB P14 (17) =					88.375 m ³
c/c =					3966.23 m ³
c/c =					3966.23 m ³
					350515 = m
(14) (169) from laying, spreading and compacting 0.8 m grade - 3					
Q-VTNB P14 (18) =					207.44 m ³
P21 (1) =					3.13 m ³
					210.57 m ³
c/c =					5360.91 m ³
					1128847 = m
(15) (170) Constn of un-reinforced PCC Pavement					
Q-VTNB P14 (19) =					428.27 m ³
P21 (2) =					20.94 m ³
					449.21 m ³
c/c =					9994 = 54 m ³
					4489647 = m
(16) (184) from and fixing 11 nos informatory sign board					
Q-VTNB P15 (20) =					2 NA
c/c =					12217 = 23 m ³
					24434 = m
(17) (185) E/w an excavation in foundn					
Q-VTNB P11 (5) =					105.40 m ³
c/c =					383 = 28 m ³
					40398 = m
Continuation					1,01,67,951 = m

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(18) Provn Rec 1115 in (186) foundn					
Q-VTMBP 11(6) = 8.24 m ²					
e h 8114 = 0.1 m ³ h 66859 = 0					
(19) Provn Rec 1120 in (187) foundn					
Q-VTMBP 12(7) = 27.30 m ²					
e h 8859.40 m ³ h 241861 = 0					
(20) Provn Rec 1120 in (188) Sub structure					
Q-VTMBP 12(8) = 210.0 m ²					
e h 9556.53 m ³ h 191131 = 0					
(21) Provn weep holes (189)					
Q-VTMBP 12(10) = 56 Nos					
e h 147287 each h 8280 = 0					
(22) S/F/F Hysd bars in (190) Sub structure					
Q-VTMBP 12(8) = 1.30 m ²					
e h 81955 = 36 m ³ h 106542 = 0					
(23) Provn back filling (191)					
Q-VTMBP 12(11) = 11.18 m ²					
e h 3464.44 m ³ h 38732 = 0					
(24) Provn, laying filter (192) Media					
Q-VTMBP 13(12) = 12.01 m ²					
e h 4434.20 m ³ h 53254 = 0					

Continuation

1,08,74,610 =

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
($\frac{25}{193}$) from Rec 1125 in super structure					
Q-VTNP 13(14) = 6.74 m					
c R 10806.19 m ³ - R 72839 =					
($\frac{26}{194}$) S/F/F HYSD bars in super structure					
Q-VTNP 13(13) = 0.50 m					
c R 83609 = 33 m ³ R - 41805 =					
($\frac{27}{195}$) Const ⁿ of Rec railing					
Q-VTNP 12(13) = 6.00 m					
c R 6924 = 66 m ³ R 41548 =					
($\frac{28}{196}$) from drainage spots					
Q-VTNP 13(13) = 2 m					
c R 770 = 0 lead R - 6160 =					
($\frac{29}{197}$) from & laying cement concrete wearing course					
Q-VTNP 14(16) = 1.575 m					
c R 16807.24 m ³ R - 26471 =					
R - 1,10,63428 =					
Add 1% Labour cess (+)					1,10,634 =
Add 18% CST (+)					19,91,417 =
Add Seigniorage fees (+)					1,61,712 =
R. 1,33,27,191 =					
Less 0.14% below (+)					R - 18658 =
R. 1,33,08,533 =					

Continuation

Seigniorage fee		10%.
① E/W - 1370.05 η^3		
e 35=01/ η^3 —		4797=0
② L/S B - 418.50 η^3		
e 829.05/ η^3 —		34696=0
③ WBM Lr-3 - 171.89 η^3		
e 1409.22/ η^3 —		24223=0
④ Mix Seal - 2250.00 η^3		
e 11=45/ η^3 —		2576=0
⑤ Pec Pav - 20.94 η^3		
e 1019.70/ η^3 —		2135=0
Total Seigniorage fee R. 6		8427=0
Amur 7/12/2023 J.E 12/12/23 AS		
Continuation		

Continuation