

राबिंदर ठोकर के घर से शोरधर
Tala under Massey NDB (Bricks)
Schedule XLV-Form No. 134
MB No - 600/2023-24

Axeray

DIVISION

Sangrampur

SUB-DIVISION

Utkal Brand Builders Pvt. Ltd.

MEASUREMENT BOOK

आशीष कुमार महेपात्रा, एडवा

A/c bill 3rd & Final 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- Constn of road from Kerpildew Thakur ke ghar se Ghardan Tola under MHWSY-NDB					
Agency- Uttkarsh Amand Builders Pvt, Ltd.					
Agreement NO- 015BD/2023-24					
Agreement Value- 1,11,18,897.200					
Date of start - 23/06/2023					
Date of Completion - 22/06/2024					
Date of Entry -					
Record Entry					

① Dismantalling of Pcc.					
15.10 X 3.10 X 0.100 =					4.50M ³
② Pavn and laying B/E/S.					
2 X 10 X 30 X 0.375 =					225.00M ³
2 X 10 X 30 X 0.375 =					225.00M ³
2 X 1 X 30 X 0.500 =					30.00M ³
2 X 1 X 29 X 0.500 =					29.00M ³
					509.00M ³
③ (i) Pavn and fixing km					
-stone-					1 Nag
(ii) Pavn and fixing 200m					
-stone-					5 Nag
④ Pavn & fixing Traffic					
-sign-					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(i) 600mm circular	—				6 Nos
(ii) 900mm equilateral	—				6 Nos
(iii) 600mm x 450mm	—				8 Nos
⑤ Prov. & laying Road Marking					
BT Portion:-					
2 x 5 x 30 x 0.100 =					30.00 m ²
2 x 5 x 30 x 0.100 =					30.00 m ²
2 x 3 x 30 x 0.100 =					18.00 m ²
2 x 1 x 10 x 0.100 =					2.00 m ²
ce Portion:-					
2 x 5 x 30 x 0.100 =					30.00 m ²
2 x 5 x 30 x 0.100 =					30.00 m ²
2 x 5 x 30 x 0.100 =					30.00 m ²
2 x 5 x 30 x 0.100 =					30.00 m ²
200.00 m ²					200.00 m ²
⑥ Prov. 15 nos rumble strips					
15 x 3.75 x 0.25 =					14.06 m ²
⑦ Prov. Road Marking Paint					
15 x 3.75 x 0.25 =					14.06 m ²
⑧ Planting of Trees by the road-side					40 Nos
⑨ Prov. and laying 300mm dia Rec Pipe N/A					
4 x 3 x 2.50 =					30.00 m ²
⑩ Direction and Place identification sign					1 Nos

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(11) From & fixing informatory sign board					2 Nag
(12) From & fixing citizen information board					2 Nag
(13) From and fixing Maintenance board					1 Nag

Constn of parapet wall

(1) Brick Masonry in cm(1:3)
in parapet

$$2 \times 6.00 \times 0.40 \times 0.60 = 2.88 \text{ m}^3$$

(2) From pcc 1:20

$$2 \times 6.00 = 12.00 \text{ m}$$

(3) Plastering with cm(1:4)
on brick work

$$\text{Side} - 4 \times 6.00 \times 0.60 = 14.40 \text{ m}^2$$

$$\text{Top} - 2 \times 6.00 \times 0.40 = 4.80 \text{ m}^2$$

$$\text{Front} - 4 \times 0.40 \times 0.60 = 0.96 \text{ m}^2$$

$$20.16 \text{ m}^2$$

30/12/2023
J.E

30/12/23
P.S

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
<u>E/W calculation sheet</u>					
<u>CH</u>	<u>Area</u>	<u>H. Area</u>	<u>length</u>	<u>Volume</u>	
0	3.101				
50	3.015	3.058	50	152.900	
100	3.206	3.111	50	155.325	
150	4.312	3.759	50	187.950	
200	4.621	4.167	50	208.325	
250	4.319	4.170	50	208.500	
300	3.605	3.962	50	198.100	
350	5.062	4.334	50	216.675	
400	3.928	4.495	50	224.750	
450	1.843	2.886	50	144.275	
500	2.453	2.148	50	107.400	
550	3.422	2.938	50	146.875	
600	3.192	3.307	50	165.350	
650	2.372	2.782	50	139.100	
700	2.477	2.425	50	121.225	
750	1.964	2.221	50	111.025	
800	3.028	2.496	50	124.800	
850	1.201	2.115	50	105.725	
900	1.210	1.206	50	60.275	
950	1.207	1.209	50	60.425	
1000	1.047	1.127	50	56.350	
1050	1.143	1.095	50	54.750	
1059	1.636	1.390	9	12.506	
Total E/Ws/ly (including court)				2	962.8661

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
				B.F.	2962.806 m ³
Less qty of box cutting (-)					87.10 m ³
Less qty of subgrade (-)					559.24 m ³
Less qty of GSB (-)					283.032 m ³
Less qty of WBM (-)					283.387 m ³
Less qty of Pcc (-)					365.56 m ³
Less qty of mix seal (-)					30.10 m ³
Less qty of B/E/S (-)					57.26 m ³
Net E/W qty					1297.327 m ³

Sumit
04/01/2024
J-E

① Constn of embankment

lead up to 1000 m

Q. 35% of 1297.327 m³ = 454.06 m³

All read Paid qty Page 14 (Q) = 331.60 m³

122.46 m³

② Constn of embankment

lead up to 100 m

Q. 65% of 1297.327 m³ = 843.26 m³

All read Paid qty Page 14 (Q) = 581.90 m³

261.36 m³

Sumit
04/01/2024
J-E

Sumit
04/01/23
AS

Abstract of east

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(1) ¹¹² Provn and fixing benchmark					
Q-VT113P14 (1) = 1.059 km					
c R. 5037 = 39/km R.					5335 = 0
(2) ¹¹³ Con'n of Ref. Pillar					
Q-VT113P14 (2) = 1.059 km					
c R. 2362.72/km - R.					2502 = 0
(3) ¹¹⁴ Clearing and grubbing road land					
Q-VT113P14 (3) = 0.42 hect					
c R. 72697.86/hect R.					30533 = 0
(4) ¹¹⁵ Dismantling of Pcc					
Q-VT113P14 (4) = 4.50 m ²					
c R. 1780.01/m ² - R.					8010 = 0
(5) ¹¹⁶ Excavation for road way (box cutting)					
Q-VT113P14 (5) = 87.0 m ²					
c R. 103.85/m ² - R.					9035 = 0
(6) ¹¹⁷ Con'n of embankment lead up to 1000 m					
Q-VT113P14 (6) = 331.60 m ²					
P23 (1) = 122.46 m ²					
454.06 m ²					
c R. 258.52/m ² - R.					117384 = 0
(7) ¹¹⁸ Con'n of embankment lead up to 100 m					
Q-VT113P14 (7) = 581.90 m ²					
P23 (2) = 261.36 m ²					

Continuation
843.26 m²

172799 = 0

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
c R-175=01/11 ³ R-1					1,47,579=00
(8/119) Constn of subgrade and earthen shoulder					
Q-VTMBP14(7)=					559.2411 ³
c R-263=33/11 ³ R-1					1,47,265=00
(9/120) from granular sub base grading I					
Q-VTMBP15(9)=					216.0911 ³
c R-3945=46/11 ³ R-1					852,574=00
(10/120) from laying, spreading and compacting WBM grade-3 (BT Portion)					
Q-VTMBP15(10)=					112.5011 ³
c R-5332.90/11 ³ R-1					5,99,951=00
(11/122) from prime coat with emulsion (SS1)					
Q-VTMBP15(12)=					1500.0011 ³
c R-60=27/11 ³ R-1					90405=00
(12/123) from Tack coat with emulsion (RS1)					
Q-VTMBP15(13)=					1500.0011 ³
c R-20.73/11 ³ R-1					31095=00
(13/124) from laying and rolling mix seal					
Q-VTMBP16(14)=					1500.0011 ³
c R-300.89/11 ³ R-1					4,51,335=00
Continuation					24,93,003=00

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(14) (125) Prov ⁿ granular sub base grading I					
Q-VTMBP 15(8) = 66.942 m ³					
e R. 3945.46/m ³ R. 2,64,117 = 0					
(15) (126) Prov ⁿ laying, spreading and compacting WBM grade-3 (see portion)					
Q-VTMBP 15(11) = 170.887 m ³					
e R. 5332 = 911/m ³ R. 9,11,325 = 0					
(16) (127) Const ⁿ of un-reinforced R.C. Pavement					
Q-VTMBP 16(13) = 364.564 m ³					
e R. 9971.46/m ³ R. 36,35,195 = 0					
(17) (128) Prov ⁿ and laying B/E/S					
Q-VTMBP 19(2) = 509.00 m ³					
e R. 524.11/m ³ R. 2,66,772 = 0					
(18) (129) Prov ⁿ and fixing K.M. Stone					
Q-VTMBP 19(3) = 1 Nag					
e R. 3241 = 45/each R. 3241 = 0					
(19) (130) Prov ⁿ and fixing 200 mm stone					
Q-VTMBP 19(3)ii = 5 Nag					
e R. 884 = 67/each R. 4423 = 0					
(20) (131) 600 mm circular					
Q-VTMBP 16(14)i = 6 Nag					
e R. 5987 = 04/each R. 35922 = 0					
Continuation					76,13,998 = 0

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(<u>21</u>) 900mm equaliser (132) Q. VTM B P 19 (4) ii = 6 Nos C R. 6834.13/each R. 41005=00					
(<u>22</u>) 600mm x 450mm (133) Q. VTM B P 19 (4) iii = 8 Nos C R. 5842=11/each R. 46737=00					
(<u>23</u>) Prov ⁿ and laying Road (134) Marking Q. VTM B P 20 (5) = 200.00 ft C R. 825=75/ft. R. 165.150=00					
(<u>24</u>) Prov ⁿ 15 Nos rumble strips (135) Q. VTM B P 20 (6) = 14.06 ft C R. 300.89/ft. R. 4231=00					
(<u>25</u>) Prov ⁿ Road marking paint (136) Q. VTM B P 20 (7) = 14.06 ft C R. 825=75/ft. R. 11.610=00					
(<u>26</u>) Planting of Trees by (137) the road-side Q. VTM B P 20 (8) = 40 Nos C R. 1230=09/each R. 49204=00					
(<u>27</u>) Prov ⁿ and laying 300mm (138) dia Rec Pipe HB Q. VTM B P 20 (9) = 30.00 ft C R. 994=18/ft. R. 29825=00					
(<u>28</u>) Direction and Place identification (139) Q. VTM B P 20 (10) = 1 Nos C R. 14530=45/each R. 14530=00					
Continuation					79,76,290=00

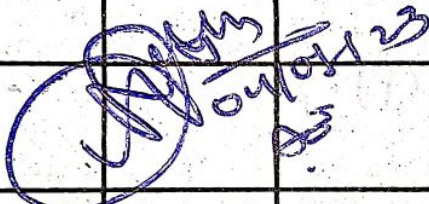
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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(29) (140) Provn and fixing informatory sign boards logo					
Q-VTM B P 21 (1) = 2 Hay					
P 21 (2) = 2 Hay					
P 21 (3) = 1 Hay					
5 Hay					
c R. 12211 = 75/each R - 61059 = 00					
(30) (141) Brick Masonry in em (1:3) in parapet					
Q-VTM B P 21 (1) = 2.88 m					
c R. 7428 = 7411 - R - 21395 = 00					
(31) (142) Provn. Rec. M 20					
Q-VTM B P 21 (2) = 12.00 m					
c R. 624.91/m - R - 7499 = 00					
(32) (143) Plastering with em (1:4) on brick work					
Q-VTM B P 21 (3) = 20.16 m					
c R. 255 = 32/m R - 5147 = 00					
R. 80,71,390 = 00					
Add 1% Labour cost (+)					80714 = 00
Add 18% GST (+)					14,52,850 = 00
Add 10% - signing fee (+)					108992 = 00
R. 97,13,946 = 00					
Less 0.14% bel out (-)					13600 = 00
R. 97,00,346 = 00					

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
			B.F-	R-97,00	346=00
Less Prev. Payment				R-86,82	477=00
				R-10,17	869=00


 04/04/2023
 J.E.


 04/04/23