

4th and final A/c Bal

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:- Const. and maint.					
of road and path Mangana					
to Primary School Lalhara					
under MHA (Sc) yr 2020-21					
Agency - Kharagender Kumar					
Mahaingar, Orissa					
Agreement No - 98 SOD, 2020-21					
Date of Agreement - 08/6/20					
Date of Completion 27/3/20					
Contract rate - 0.02%, Below					

Record Entry Bal

1/ Construction of G.S.B					
by providing well					
graded material - do					
up to date measurement					
<u>In PCC Portion</u>					
<u>In Profile Portion</u>					
$2.50 \times 2.00 \times 0.050 = 0.25 \text{ m}^3$					
$5.00 \times 2.00 \times 0.050 = 0.50 \text{ m}^3$					
$7.10 \times 5.75 \times 0.100 = 2.68 \text{ m}^3$					
G.S.B by PCC widening					
$2.75 \times 30.00 \times 0.375 \times 0.100 = 11.25 \text{ m}^3$					
<u>G.S.B by widening</u>					
$2 \times 30.00 \times 0.500 \times 0.100 = 3.00 \text{ m}^3$					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2x 20.00 x 0.500 x 0.100 =					2.000 ³
2x 4.00 x 0.500 x 0.100 =					0.400 ³
<u>In Portion</u>					
4x 30.00 x 4.05 x 0.200 =					97.200 ³
1x 10.00 x 4.05 x 0.200 =					8.100 ³
1x 5.00 x $\frac{4.30 + 4.10}{2}$ x 0.200 =					4.200 ³
1x 5.00 x $\frac{4.10 + 4.90}{2}$ x 0.200 =					4.500 ³
1x 5.00 x $\frac{4.90 + 4.40}{2}$ x 0.200 =					4.650 ³
1x 10.00 x $\frac{4.80 + 4.05}{2}$ x 0.200 =					8.450 ³
8x 30.00 x 4.05 x 0.200 =					194.400 ³
1x 21.00 x 4.05 x 0.200 =					17.010 ³
Total Qty					358.520 ³
Less					356.690 ³
<u>Net</u>					
(2A) Pro. laying spreads					
and compacting stone aggregate					
WBH III - 1					
up to date measurement					
<u>In ce. Portion</u>					
Pce. in masonry					
2x 5x 30.00 x 0.375 x 0.075 =					8.440 ³
WBH III in fuel portion					
2x 30.00 x 3.75 x 0.075 =					50.630 ³
1x 21.00 x 3.75 x 0.075 =					6.750 ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
In Pt. Part.					
4 x 30.00 x 3.75 x 0.075					33.75 m ³
1 x 10.00 x 3.75 x 0.075					2.82 m ³
1 x 5.00 x $\frac{4.00 + 3.90}{2}$ x 0.075					1.49 m ³
1 x 5.00 x $\frac{3.90 + 4.60}{2}$ x 0.075					1.60 m ³
1 x 5.00 x $\frac{4.90 + 4.10}{2}$ x 0.075					1.69 m ³
1 x 10.00 x $\frac{4.10 + 3.75}{2}$ x 0.075					2.95 m ³
8 x 30.00 x 3.75 x 0.075					67.50 m ³
1 x 21.00 x 3.75 x 0.075					5.91 m ³
Total of					183.53 m ³

(3/13) Cont. of unadorned,
plain concrete
pavement 1730-c1

Up to date measurement

$$8 \times 30.00 \times 3.75 \times 0.160 = 108.00 \text{ m}^3$$

$$1 \times 24.00 \times 3.75 \times 0.160 = 14.40 \text{ m}^3$$

Total of 122.40 m³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4/10) Pro. and applying Brins coat with Pinkman Emulsion (SSD) - all					
1x 5.00x 3.50 + 3.30					$= 17.175 m^2$
1x 5.00x 3.30 + 3.50					$= 17.175$
1x 5.00x 3.50 + 3.75					$= 18.13 m^2$
1x 20.00x 3.50 + 3.75					$= 72.50 m^2$
3x 30.00x 3.75					$= 337.50 m^2$
1x 5.00x 3.75					$= 18.75 m^2$
1x 5.00x 4.10 + 3.80					$= 19.50 m^2$
1x 5.00x 3.80 + 4.60					$= 21.00 m^2$
1x 5.00x 4.60 + 4.10					$= 21.75 m^2$
1x 10.00x 4.10 + 3.75					$= 39.25 m^2$
8x 30.00x 3.75					$= 900.00 m^2$
1x 21.00x 3.75					$= 78.75 m^2$
					$1581.13 m^2$

Continuation

Recon entry sat

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1/11) Pro. and applying tech coat with Cikumar emulsion (R&S) - cl.					
Same as old T.H.N.P (37)					
item no (4/10)					
1561.34					
(2/12) H.S.S Type B.L. Pro. laying and rolling of close grained fabric surface					
Same as old T.H.N.P (37)					
item no (4/10)					
1561.13 m ²					
(3/15) Ordinary km stone 2 No, 200 m stone - 3 No,					
(4/16) Pro. and fixing of H/ice/ M.H.G. & informatory Sign Board with logo					
4 No,					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Recessed entry door					
(1/19) Pro. of frame of entire secondary and primary Sign Board					
(a) 600 mm equilateral and triangle					2.16
(b) 800 mm x 600 mm rectangle					2.16
(c) 600 mm x 450 mm rectangle					2.16
(d) 900 mm side octagon					2.16
(2/20) Road marking with hot applied thermoplastic compound on bituminous surface					
2 x 10 x 30.4 x 0.100					60.80 L
2 x 3 x 30.4 x 0.100					18.24 L
2 x 1 x 26.4 x 0.100					5.28 L
Total					84.32 L
Limit					82.40 L
Continuation					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3/21) Road kerby with bit applied thermoplastic compound on concrete surface — — —					
2 x 6 x 20.00 x 0.100					= 36.00 m ²
2 x 1 x 24.00 x 0.100					= 4.80 m ²
				Total by	40.80 m ²
				Dist	40.00 m
(4/22) Plank of Oak g. the road side — — —					
				Area	
(5/23) Boundary pillar/Guard post Reinforced Cement Concrete with gravel — —					16 No.
(6/33) Paved bit concrete/ Plain Reinforced Cement Concrete in substructure Hrs — — —					
2 x 9.00 x 0.60 x 0.40					= 0.96 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7/2) Painting on parapet wall in two coats					
Top face	2	2.10	0.45		1.60 m ²
Side face	2	2.10	0.50		4.20 m ²
Front face	4	0.25	0.50		0.96 m ²
				Total of	7.36 m ²

Record of Data

(1/7) Cost of Subgrade and earth slabs

Subgrade					252.10
2x 4 x 30.0 x 7.0 x 0.30					504 m ³
2x 4 x 30.0 x 6.50 x 0.30					234.00
2x 4 x 30.0 x 6.50 x 0.30					468.00
2x 4 x 30.0 x 7.28 x 0.30					262.08
2x 4 x 30.0 x 7.28 x 0.30					524.16
2x 1x 30.0 x 6.90 x 0.30					122.10
2x 1x 26.0 x 7.28 x 0.30					56.79
					113.57

Adjacent to GSP (Imp. Port)

2x 6x 30.0 x 0.375 x 0.100					13.50 m ³
2x 1x 24.0 x 0.375 x 0.100					1.80 m ³

Adjacent to WBH III

2x 6x 30.0 x 0.375 x 0.075					10.13 m ³
2x 1x 24.0 x 0.375 x 0.075					1.35 m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Adjacent to pce					
2Y 6x 30.00 x 0.375 x 0.160 =					21.60 m ³
2N 1Y 24.00 x 0.375 x 0.160 =					2.88 m ³
Adjacent to GAB (B7 PORTON)					
2Y 10 x 30.00 x 1.280 x 0.20 =					153.60 m ³
2Y 3 x 30.00 x 1.280 x 0.20 =					46.08 m ³
2N 1Y 26.00 x 1.388 x 0.20 =					14.44 m ³
Adjacent to WBM III					
2Y 10 x 30.00 x 1.08 x 0.075 =					4.86 m ³
2Y 3Y 30.00 x 1.182 x 0.075 =					15.96 m ³
2N 1Y 26.00 x 1.182 x 0.075 =					4.61 m ³
					2068.48 m ³
					1201.52 m ³

(25) Cost of embankment
with approved material
obtained from borrow
pits located up to 1.

Continuation

4th and final A/c Bill

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work: - Const. of					
House of road P.D. Path					
Majpara to Primary School					
Labrang under HHG (S)					
for 2020-21					
Agony - Khagendra Kumar,					
Mahaipara, Baran					
Agreement no - 28537/2020-21					
Date of Agreement - 28/6/20					
Date of Completion - 27/3/21					
Contract rate - 0.02/l. sets					
Abstract of cost					
(1/1) Pro. and fixing of working					
Bench mark / reference pillars					
Bench mark pillars					
1 No. with T.H.B.P (27)					
@ ₹ 4158.49/l. ₹ 4158.49					
Reference pillars					
2 No. with T.H.B.P (27)					
@ ₹ 1890.40/l. ₹ 3780.80					
(2/2) Clearing and grubbing					
road and including					
up to					
0.43 Hect with T.H.B.P (27)					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	(24)	5133.76	1/11		21987.0
(3/3) Box cutting:- excavated for roadway in soil using T.H.B.P. (28)					
24.69 m ³	(24)	74116	1/11		1831.00
(4/4) Cost of embankment with approved material deposited					
14.91 m ³	(24)	26.11	1/11		387.0
(5/5) Cost of embankment with approved material lead up to 100m					
23.17 m ³	(24)	140.25	1/11		3249.00
(5/6) Cost of embankment with approved material lead up to 1000m					
238.92 m ³	(24)	185.69	1/11		42879.0

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7/7) Const. of subgrade and earthy shoulder					
1201.52 m ² width T.H.B.P (42)					
@ ₹ 187.30/m ²					
					₹ 225081.00
(8/8) Const. of G.S. by boundary well gravel material					
356.69 m ² width T.H.B.P (35)					
@ ₹ 2590.01/m ²					
					₹ 92383.00
(9/9) Pro. laying spreading and compaction work					
183.50 m ² width T.H.B.P (36)					
@ ₹ 3234.40/m ²					
					₹ 593615.00
(10/10) Pro. and applying fine coat with bitumen emulsion (55+) - 1					
1561.13 m ² width T.H.B.P (37)					
@ ₹ 45.30/m ²					
					₹ 70786.00
(11/11) Pro. and applying thick coat with bitumen emulsion (82+) - 1					

Continuation

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
1561.13 M ² with T.H.O.P (37)				
@ ₹ 15.41/m ²				₹ 24057.00
(12/12) H.C.S. type 15" Pro. laying and setting of close grained beams				
1561.13 M ² with T.H.O.P (37)				
@ ₹ 199.48/m ²				₹ 311414.00
(13/13) Cost of unseasoned brick work cement pavement 170				
122.40 M ² with T.H.O.P (31)				
@ ₹ 6448.57/m ²				₹ 789317.00
(14/14) ordinary kmetus				
2 M ² with T.H.O.P (38)				
@ ₹ 2100.00/m ²				₹ 4200.00
2000 stone				
3 M ² with T.H.O.P (38)				
@ ₹ 572.06/m ²				₹ 1716.00
(15/15) Pro. and laying kazo of H.H.G.M project				
4 M ² with T.H.O.P (38)				
@ ₹ 9322.24/m ²				₹ 37289.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16/19) Boundary pillars/ General post plan/ specifica/ elevat/ cont/ H/S/ gearls. — 1 —					
16 NO ₂ well T.M.B.P. (40) @ 472.52/m					7560.00
(17/19) Pro. and fixing of settle reflectors/ cautioning. secondary and information Sgt/ Beat — 1 —					
(a) 600m x 600m area					
2 NO ₂ well T.M.B.P. (39) @ 3714.42/m					7432.00
(b) 800m x 600m rectangle — 1 —					
2 NO ₂ well T.M.B.P. (39) @ 6961.30/m					13923.00
(c) 600m x 450m rectangle — 1 —					
2 NO ₂ well T.M.B.P. (39) @ 488.14/m					9716.00

Continuation

M-2
12/07/17

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(d) 900 mm side octagon					
2403 used T.H.B.P (39)					
@ ₹ 884.20/m					
					17768.0
(18/20) Road marking with Rut					
Applied thermoplastic					
Compound with bituminous					
Surface - 1					
82.00 m ² used T.H.B.P (39)					
@ ₹ 735.44/m ²					
					60306.0
(19/21) Road marking with Rut					
Applied thermoplastic					
Compound with concrete					
Surface - 1					
40.00 m ² used T.H.B.P (40)					
@ ₹ 821.29/m ²					
					32852.0
(20/22) Planting of trees					
by the road side					
41 Nos used T.H.B.P (40)					
@ ₹ 815.26/m					
					33426.0
(21/23) Earthwork in excavate					
for feet - 1					
11.71 m ³ used T.H.B.P (29)					
@ ₹ 269.32/m ³					
					30086.0

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(22/24) Pro. Count to floor / reinforcement count in floor slab 415 - 1					
7.92 m ² used T.H.B.P (29)					
@ ₹ 5091.28/m ²					₹ 40323.00
(23/25) Pro. concrete for floor reinforcement count in floor slab 415 - 1					
31.15 m ² used T.H.B.P (29)					
2.25 m ² used T.H.B.P (7)					
33.40 m ² @ ₹ 5629.24/m ²					₹ 188483.00
(24/26) S.F.P HZSD 127 reinforcement in floor slab 415 - 1					
0.16 m ² used T.H.B.P (29)					
@ ₹ 45598.03/m ²					₹ 7296.00
(25/27) Plain reinforcement Count count in substructure 415 - 1					
16.25 m ² used T.H.B.P (30)					
@ ₹ 5839.64/m ²					₹ 94894.00
(26/28) Pro. rebar for brick masonry 415 - 1					
36 m ² used T.H.B.P (30)					
@ ₹ 111.40/m					₹ 4010.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(27/29) P. 100/200 reinforced cement concrete is substructure					
H ₂₅ — 1					
10.02 m ³ well T.H.B.P. (30)					
@ 49.645232/m ³					496452.00
(28/30) S/P/P 10/20 m ³ reinforced in substructure					
1.01 m ³ well T.H.B.P. (30)					
@ 45.739.23/m ³					45739.23
(29/31) Backfilling behind abutment, wing wall					
34.28 m ³ well T.H.B.P. (30)					
@ 70.46/m ³					24080.00
(30/32) Pro. and laying 11/17 media with granular crushed					
19.82 m ³ well T.H.B.P. (30)					
@ 2839.25/m ³					56274.00
(31/32) Pro. and laying reinforced cement concrete H ₂₀					
4.38 m ³ well T.H.B.P. (31)					
@ 7016.91/m ³					30734.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(31/34) S/F/P H.T.S.D. 124 reinforcement in superstructure - 1 - 1 0.38 M ² with T.H.B.P. (31) @ ₹ 46789.02/M ² = 17780.00					
(32/35) Parapet Construction/ plain reinforcement H ₂₀ + - - 0.96 M ² with T.H.B.P. (40) @ ₹ 5839.64/M ² = 5606.00					
(33/36) Painting on parapet each side two coats - - - 7.36 M ² with T.H.B.P. (41) @ ₹ 97.19/M ² = 715.00					
(34/37) Dressing of shaft concrete - 1 - 1 4.11 M ² with T.H.B.P. (9) @ ₹ 403.09/M ² = 1612.00					
(35/41) Disturbance of at 0.1 (1.33) Disturbance of earth about - 1 - 1 1.77 M ² with T.H.B.P. (31) @ ₹ 484.74/M ² = 858.00					

Continuation

Continuation

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