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(Agreement No. 88 SBD/2020-21)

Measurement Book

Schedule XLV-Form No. 134

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DIVISION

SUB-DIVISION

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3098

4th of final bill

41

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of scheme:- Const. of road					
from Ronger Chowk PHD					
road to Phap Tala under					
MMHSY scheme.					
Agency name:- M/S Hing Infrastructure					
pr. Ltd.					
Ag. No:- 88/SB/2020-21.					
Date of start:- 24/09/2020.					
Date of completion:- 23/05/2021					
Date of actual completion:-					
Abstract of cost					
1) P/F of working B.M.					
- to - as per spec					
Qty e.d. TMB-309(A) P-5B item 2(a)					
2.24 km @ Rs 4003.45/km Rs 8968.00					
2) P/F of reference pillars to -					
as per spec					
Qty e.d. TMB-305(A) P-35 item 2(b)					
2.24 km @ Rs 1537.35/km Rs 4116.00					
3) clearing & grubbing road line					
including uprooting as per spec					
Qty e.d. TMB, P-29, item 01					
1.68 ha @ Rs 51133.76/ha Rs 85904.00					
4) Const. of embankment with					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
materials obtained from					
known - 5 m					
Qty side MB-309(A), P-50, item 8(a)					
5621.12 m ³ @ 111.22/m ³					584991.00
5/ Const. of embankment with					
materials obtained from borrow					
to - 2 m (Road up to 100 m)					
Qty side MB-309(A), P-51, item 8(b)					
3747.94 m ³ @ 141.14/m ³					528914.00
6/ Const. of subgrade for					
shoulder - to - 0.1 m L					
2430.00 m ³ @ 100, P-30, item - 00					
1076.96 m ³ Qty side MB-309(A), P-40, item - 01					
3506.96 m ³ @ 176.86/m ³					636158.00
7/ Const. of G.S.B. T by providing					
well - to - 20 per shoulder					
Qty side MB-309(A), P-39, item - 03					
1118.78 m ³ @ 2971.30/m ³					3324231.00
8/ P/L/S/C WBM - III - to - 00					
per span					
Qty side MB-309(A), P-41, item - 01					
387.507 m ³ @ 3613.21/m ³					1400149.00
9/ P/A primer coat (SS-1) to					
as per spec					
Qty side MB-309(A), P-43, item - 01					
6362.68 m ³ @ 44.03/m ³					280193.00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10/ P/L/Tack coat (AS-I)					
- do - as per specification.					
Qty side MB-305(A) P-45, item-01					
6363.63 m ² @ 1214.99/m ²					75392.00
11/ P/L/grading & rolling of close graded premix Carpeting - to - as per spec.					
Qty side MB-305(A), P-45, item-02					
6263.68 m ² @ 218.96/m ²					1390210.00
12/ Cont. of L/SB-I - for CC partition - as per specification.					
209.31 m ³ @ 2971.30/m ³					619952.00
13/ P/L/S/C WBM-II for Pav - to - as per spec.					
Qty side MB-305(A) item-01 P-45					
156.23 m ³ @ 3613.21/m ³					564492.00
14/ cont. of 4% reinforced RCC pavement - to - as per spec.					
Qty side MB-305(A), item-03 P-45					
333.30 m ³ @ 7273.75/m ³					2424741.00
15/ P/L/15 grade km stone - to - as per spec.					
Qty side MB-305(A), P-45, item-03(A)					
03 m ³ @ 2321.17/m ³					9303.00
16/ P/L/15 grade 20cm stone					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
- to - as per plan sh					
Qty side MB-305(A), P-48, item-2(b)					
1070 @ 15 615.01/m					6150.0
(17) Rec m/s grade boundary					
pillar - to - as per plan					
Specification					
Qty side MB-305(A), P-48, item-2(b)					
1500 @ 15 450.63/m					67593.0
(18) P/f of retro-reflective					
- to - as per sh					
(600mm circular)					
Qty side MB-305(A), P-48, item-4(a)					
18.00 @ 15 4577.03/m					59227.00
(19) P/f of retro-reflective - to -					
as per sh					
(900mm equilateral A)					
Qty side MB-305(A), P-48, item-4(b)					
06.00 @ 15 5477.76/m					32899.0
(20) P/f of retro-reflective - to -					
as per sh					
(600mm x 450mm T)					
Qty side MB-305(A), P-48, item-4(c)					
6.00 @ 15 4846.89/m					29081.0
(21) P/L of HATC of 2.5mm th					
m 87 sh - to - as per sh					
Qty side MB-305(A), P-48, item-5(a)					
334.23 m ² @ 15 735.44/m ²					245906.0
(22) P/L of HATC of 2.5mm th. on CC					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Surface - do - as per spec					
Specification					
Qty side MB-303(8), P-49, Item-5(b)					
110.00 m ² @ 10 735.44/m ²					80898.00
23/					
planting of trees by the					
road side - do - as per spec					
Specification					
Qty side MB-303(9), P-50, item-2					
no @ 10 819.92/no					0
24/					
P/E direction & place					
identification mark					
- do - as per spec					
Qty side MB-303(9), P-50, item-06					
01 no @ 10 3187.79/no					3188.00
25/					
P & F typical masonry inf.					
sign board with 'Logo' - do.					
as per spec					
03 nos side TMB, P-38, item-5)					2437.00
04 nos side MB-303(9), P-50, item-08					
07 nos @ 10 10958.10/no					76707.00
26/					
E/W in excavation for structure					
as per spec & per specification					
Qty side TMB, P-31, item-09					
459.95 m ³ @ 10 269.32/m ³					123824.00
27/					
5 Ply sand filling in					
foundation - do - as per spec					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Specimen					
9th side TMB, P-31, item-10					
4.35m ³ @ 143.20/m ³					1971.00
28/ P/V RCC M15 for POC					
in foundation - do - as per					
9th side TMB, P-31					
59.527m ³ @ 5774.60/m ³					343795.00
29/ B/W in C.M. (1:3) in foundation					
- do - as per spec					
9th side TMB, P-31, item-12					
260.00m ³ @ 5530.20/m ³					1437852.00
30/ B/W in C.M. (1:3) in					
Sub structure - do - do					
per item spec					
9th side TMB, P-32, item-13					
130.20m ³ @ 5763.56/m ³					750416.00
31/ Rec M20 in Sub-structure					
- do - as per spec					
9th side TMB, P-32, item-14					
15.44m ³ @ 6527.79/m ³					100615.00
32/ P/V Bitumen painting over					
top surface - do - as per					
specification					
9th side TMB, P-32, item-15					
68.25m ² @ 14.95/m ²					1023.00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
33/ P/L Red m ² in Peak					
clab. to - on per line					
f. ten s/m					
Qty side m ² , P-32, item-14					
16.20 m ² (A) A 4528.95/m ² B 121911.0					
34/ P/L HYSB bgr in S/S					
- to - on per ten s/m					
Qty side m ² , P-32, item-17					
2.25 m ² (A) A 4717.51/m ² B 106077.0					
35/ P/L LF Joint Sealing					
compound - to - on per ten s/m					
Qty side m ² -305(A), P-34, item-2(A)					
25.00 m ² (A) A 37.07/m ² B 2778.0					
36/ O/L in C.M. (1:3) in					
parapet - to - on per ten s/m					
Qty side m ² , P-32, item-18					
19.00 m ² (A) A 5722.55/m ² B 103006.0					
37/ plastering with C.M. (1:4)					
- to - on per ten s/m					
Qty side m ² , P-32, item-19					
266.302 m ²					
66.51 m ² side m ² -305(A), item-01					
332.812 m ² (A) A 172.43/m ² B 57387.0					
38/ P/L two coats of painting					
over new surfaces - to - on					
ten s/m					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
944 24 MB-309(9) P-35, item 43					
124.90 m ² @ 12.97/m ²					12129.0
35/ P/V Comp. hole in brick - to - 0 m					
945 24 MB, P-33, item 40					
140 m ² @ 111.44/m ²					15602.0
40/ E/W in excavation for structure - to - 0 m					
946 24 MB, P-33, item 27					
115.80 m ³ @ 269.22/m ³					31183.0
41/ P/V local road filling - to - 0 m					
947 24 MB, P-33, item 24					
1.251 m ³ @ 453.20/m ³					567.0
42/ P/V PCC mix in open - to - 0 m					
948 24 MB, P-33, item 23					
13.74 m ³ @ 5779.60/m ³					79343.0
43/ P/V B/W (1:4) in - to - 0 m					
66.59 m ³ @ 5530.20/m ³					368256.0
44/ P/V B/W (1:4) in sub structure - to - 0 m					
949 24 MB, P-33, item 25					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
38.89 m ³ (48) A 5263.56/m ³ A 224195.0					
(49) P/L rec m ² in sub.					
Structure etc - sh					
9th side TMB, P-34, item-26					
4.068 m ³ (49) B 7528.45/m ³ B 34691.0					
(50) P/L Bitumen painting - to					
as per spec					
9th side TMB, P-34, item-27					
14.10 m ² (51) A 14.99/m ² B 211.0					
(52) P/L rec m ² in Back					
Slab etc as per spec					
9th side TMB, P-34, item-28					
4.608 m ³ (53) B 7528.45/m ³ A 34691.0					
(54) S/F/P HYSD bar in S/F					
as per spec					
9th side TMB, P-34, item-29					
0.64 m ² (55) B 42145.14/m ² B 30722.0					
(56) P/S joint sealing - to					
as per spec					
9th side TMB, P-35, item-30					
15.00 m ² (57) B 37.04/m ² B 556.0					
(58) S/W (1:3) in parapet					
as per spec					
9th side TMB, P-34, item-30					
3.72 m ³ (59) B 5722.55/m ³ A 21287.0					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
51/ plastering with. C.M. (1:3) in parapet to - as per spec					
Qty take TMB, P-35, item-31					
83.285 m ² @ 172.73/m ²					14362.0
52/ p/v 1.5 mm cement painting including - to - as per spec					
Qty take MB-309(A), P-35, item-64					
24.96 m ² @ 45.78/m ²					1143.0
53/ p/v work in brick - to - as per spec					
Qty take TMB, P-35, item - 32					
40 m ² @ 11.94/m ²					477.6
54/ E/W in excavation for structure - to - as per spec					
Qty take TMB, P-33, item-43					
188.331 m ² @ 263.32/m ²					50223.0
55/ p/v local soil filling in parapet - to - as per spec					
Qty take MB-309(A), P-35, item-5					
3.23 m ³ @ 453.20/m ³					1469.0
56/ p/v PCC m/s in parapet - to - as per spec					
17.838 m ² take TMB, P-33, item-44					
4.99 m ² take MB-309(A), item-5, P-36					
42.881 m ² @ Continuation					13269.0

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
54/ P/V B/W (1:4) in lands					
- do - as per plan sh					
Qty wide TMB, P-37, item-45					
118.282 m ³ @ A 5530.20/m ³ B 654123.00					
58/ P/V B/W (1:4) in Sub-structure					
- do - as per plan sh					
Qty wide TMB, P-37, item-46					
54.28 m ³ @ A 5263.56/m ³ B 543388.00					
59/ P/V Rec m ² in sub-structure - do - as per plan					
Qty wide TMB, P-37, item-47					
4.995 m ³ @ A 4577.94/m ³ B 32857.00					
60/ P/V & Casing Rec m ² in RAIL slab - do - as per plan					
Qty wide TMB, P-48, item-38					
15.67 m ³ @ A 7525.95/m ³ B 117971.00					
61/ S/S/P HYSD bar in S/S - do - as per plan sh					
Qty wide TMB, P-38, item-49					
1.82705 m ³ @ A 47145.14/m ³ B 85194.00					
62/ P/V joint sealing compound - do - as per plan sh					
Qty wide TMB-303(A), P-35, item-2(C)					
17.80 km @ A 33.04/km B 657.00					
63/ B/W in C.M (1:3) in parapet					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
- do - do m. sh.					
Qty Cite MB-303(9), P-36, item-3					
4.9 m ³ @ 522.55/m ³					257468.00
(64) plastering with c.m. (1:4)					
- do - do - do - do					
sh					
Qty Cite MB-303(9), P-37, item-2(9)					
134.40 m ² @ 172.43/m ²					23177.10
(65) ply wrap hole in brick					
- do -					
- do -					
time spent					

Qty Cite TMB, P-38, item-2					
4.2 m ³ @ 111.48/m ³					4680.00
(66) E/W in excavation for					
structure - do - do m.					
sh					
Qty Cite TMB, P-35, item-33					
286.474 m ³ @ 250.22/m ³					72153.00
(67) Sand filling in sand					
- do - do m					
Qty Cite TMB, P-35, item-34					
25.553 m ³ @ 453.20/m ³					11581.00
(68) P/W B/S/S in sand					
- do - do m					
Qty Cite TMB, P-35, item-35					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
170.364 m ² @ R 328.00/m ² = A 55879.0					
(69) cement punning with 1.5					
mm - th. - do - as m					
(for 400.3.00) 51m - m					
Qty 1/40 m ³ - 303 (A) item - 3 (b) P-38					
32.96 m ² @ R 45.78/m ² = A 1509.00					
(70) P/V PCC m ¹⁵ in open					
fasten - to - do -					
- do - a per ten					
Shen -					
Qty 1/40 m ³ P-35 item - 36					
30.235 m ³ @ R 5777.60/m ³ = A 226590.00					
(71) P/V 0/10 (1:4) in embankment					
- to - as per 5m					
Qty 1/40 m ³ P-36, item - 33					
109.336 m ³ @ R 5530.20/m ³ = A 604693.00					
(72) P/V 0/10 (1:4) in sub structure - do - as per					
(ch)					
Qty 1/40 m ³ P-36, item - 35					
84.998 m ³ @ R 5763.56/m ³ = A 489603.00					
(73) P/V PCC m ²⁰ in sub structure - do - as per 5m					
6.06 m ³ 1/40 m ³ P-36, item - 35					
4.26 m ³ 1/40 m ³ - 303 (A), item - 09, P-36					
10.92 m ³ @ R 6577.99/m ³ = A 7168.00					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
74/ P/L L Rec m ² is					
Rec slab - to - as per					
ten in					
Qty Vids MB, P-36, item-02					
38.506 m ² @ 4.29/m ² = 164.890 w					
75/ S/R/P HYSD btr m					
Sub. Structure - to - as per					
ten sh					
3.0504 mT Vids MB, P-36, item-01					
2.1221 mT Vids					
0.3475 mT Vids MB 303(A), P-36, item-03					
8.52 mT @ 4.214 5.19/m ² = 260.241 w					

76/ P/L Joint sealing compound					
- to - as per + sh					
Qty Vids MB-303(A), P-35, item-2(d)					
22.5 mtr @ 37.04/mtr = 833 w					
77/ P/L B/W in c.m. (1:3) is					
parapet - to - as per sh					
Qty Vids MB-303(A), P-33, item-01					
3.44 m ³ @ 5722.55/m ³ = 19686 w					
78/ plastering with c.m. (1:3)					
- to - as per ten sh					
Qty Vids MB-303(A), P-33, item-02(b)					
135.93 m ² @ 172.43/m ² = 23404 w					
79/ P/L 1.5 mm th. Cement					
14 mm - to - as per sh					

Continuation

Continuation