

Art B:- Const. of HL RCC Bridge 2x16.5m.
Span with Approch Rd = 113.88m

Schedule XLV-Form No.-134

245BD/2021-22

MMGSYKSY

Part B

Bangor

DIVISION

Bain

SUB-DIVISION

1526

MEASUREMENT BOOK

Systematic & Advance

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
<u>1</u> <u>62</u> Elevation excavation for foun. - - E11					
Qty vide page 46 of TMB					
436.74 m ³ @ 305.423/m ³ - 4					133390 = ∞
<u>2</u> <u>64</u> Providing RCC m15 in levelly course - E11					
Qty vide page 46 of TMB					
27.71 m ³ @ 6307.684/m ³ - 4					174786 = ∞
<u>3</u> <u>65</u> Providing RCC m30 in pile cap - - E11					
Qty vide page 46 of TMB					
305.63 m ³ @ 8450.776/m ³ - 4					2583318 = ∞
<u>4</u> <u>66</u> Bored cast-in-situ RCC m35 pile - - E11					
Qty vide page 46 of TMB					
452.00 m @ 18274.744/m - 4					8260184 = ∞
<u>5</u> <u>67</u> S/F/F HYSD steel bar - - E11					
Qty vide page 47 of TMB					
77.213 MT @ 54293.336/MT - 4					4192156 = ∞
<u>6</u> <u>68</u> Providing 10mm thick steel - - E11					
Qty vide page 47 of TMB					
9.94 MT @ 65395.771/MT - 4					650034 = ∞
<u>7</u> <u>69</u> Construction of caisson for island - - E11					

1,59,93,868 = ∞

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item 7 cont					
Qty vide page 45 of TMB					
1 No. @ 56149.64 Each - R					56150 = ∞
$\frac{8}{72}$ Construction of service road					
- - - E/I					
Qty vide page 45 of TMB					
33.00m @ 3670.87/Rm - R					121139 = ∞
$\frac{9}{7273}$ Carrying out load test					
$\frac{8}{74}$ - - - E/I					
Qty vide page 45 of TMB					
(i) Initial Load Test					
1 No. @ 1,50,000.00 Each - R					150,000 = ∞
(ii) Routine pile load test					
1 No. @ 1,25,000.00 Each - R					1,25,000 = ∞
(iii) Horizontal pile load test					
1 No. @ 1,00,000.00 Each - R					1,00,000 = ∞
$\frac{10}{76}$ Providing RCC m30 in					
subls upto 5m - - E/I					
Qty vide page 47 of TMB					
106.955 m ³ @					
Qty vide page 57 of TMB					
2760 m ³					
134.555 m ³ @ 8812.838/m ³ - R					1185811 = ∞
$\frac{11}{78}$ Providing RCC m35 in					
subls - - - E/I					
Qty vide page 48 of TMB					
1.36 m ³					
					R 1,77,31,968 = ∞

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item 11 Cont.					
Qty vide page 57 of TMB					
7.78 m ³					
9.14 m ³ @ 9028.00/m ³ - - -					82516 = ∞
$\frac{12}{79}$ S/F/F HYSD steel bar					
in subs - - - E/I					
Qty vide page 48 of TMB					
18.256 MT					
Qty vide page 56 of TMB					
2.663 MT					
Total = 20.919 MT (Unit 20.908)					
$\frac{20.908}{20.919}$ MT @ 54453.151/MT - - -					1138506 = ∞ 1139165 = ∞
$\frac{13}{80}$ S/F/F POT cum PTFE bearing - - - E/I					
Qty vide page 43 of TMB					
12 Nos @ 47385.249 Each - - -					568623 = ∞
$\frac{14}{81}$ S/F/F elastomeric bearing - - - E/I					
Qty vide page 58 of TMB					
131475 cm ³ @ 0.78/cm ³ - - -					102551 = ∞
$\frac{15}{82}$ Providing weep holes - - - E/I					
Qty vide page 57 of TMB					
98 Nos @ 121.877 Each - - -					11944 = ∞
$\frac{16}{83}$ Backfill behind Abut - - - E/I					
Qty vide page 57 of TMB					
142.51 m ³ (Unit 142.15 m ³)					
142.15 m ³ @ 804.98/m ³ - - -					114928 = ∞
					1,97,50,536 = ∞

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>21</u> <u>88</u> Cont. of RCC railing					
m25 - - E1					
Qty vide page 59 of TMB					
87.92 m @ 3079.102/Rm - by					270715 = ∞
<u>22</u> <u>89</u> Providing drainage spout					
- - E1					
Qty vide page 59 of TMB					
12 Nos @ 679.513 Each - by					8154 = ∞
<u>23</u> <u>90</u> Providing RCC m15 in landing					
(Approach slab) - E1					
Qty vide page 59 of TMB					
2.14 m ³ @ 5792.682/m ³ - by					98618 = ∞
<u>24</u> <u>91</u> Providing RCC m30 in					
approach slab - - E1					
Qty vide page 59 of TMB					
18.82 m ³ @ 10925.725/m ³ - by					205626 = ∞
<u>25</u> <u>92</u> Providing strip seal expending					
Joint - - E1					
Qty vide page 59 of TMB					
25.35 m @ 11358.968/m ³ - by					287950 = ∞
<u>26</u> <u>93</u> Providing 20mm thick fibre					
board - - E1					
Qty vide page 60 of TMB					
25.35 m @ 277.278/Rm - by					7029 = ∞
<u>27</u> <u>94</u> Providing 20mm thick joint					
filler - - E1					

by 2,37,73,232 = ∞

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
²⁷ 27 Hemiballast					
@ 1/2" wide page 60 of TMB					
25.35 m @ 389.14/RM					9864 = ∞
²⁸ 28 Providing boulder pitching					
⁹⁵ 95 - - - E11					
@ 1/2" wide page 59 & 61 of TMB					
$80.86 + 80.28 = 161.14$ (Unit - 158.04 m ³)					
158.04 m ³ @ 3168.195/m					500702 = ∞
²⁹ 29 Providing filter material					
⁹⁶ 96 - - - E11					
@ 1/2" wide page 59 & 61 of TMB					
@ 1/2" deep page					
$26.64 + 40.14 = 66.78$ m ³ (Unit - 55.90 m ³)					
55.90 m ³ @ 3595.125/m					200967 = ∞
³⁰ 29 Clearing & grubbing of road					
Land - - - E11					
@ 1/2" wide page 60 of TMB					
0.10 Hect. @ 52970.33/Hect.					5297 = ∞
³¹ 29 Construction of road					
embankment - - - E11					
@ 1/2" wide page 64 of TMB					
5589.86 m ³ (Unit - 5567.00 m ³)					
5567.00 m ³ @ 190.36/m ³					1059734 = ∞
³² 29 Construction of subgrade/					
shoulder - - - E11					
@ 1/2" wide page 63 of TMB					
89.57 m ³ @ 192.25/m ³					17219 = ∞
³³ 100 Construction of GSB					
grade 1 - - - E11					
@ 1/2" wide page 61 of TMB					
101.59 m ³ (Unit 94.08 m ³)					
					2,55,67,015 = ∞

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item 33 cont.					
94.08 m ³ @ 2985.87/m ³ - by					280911 = ∞
<u>34</u> Providing WBM Cr III					
<u>101</u> - - E/I					
Qty vide page 61 of TMB					
35.56 m ³ (Unit 32.66 m ³)					
32.66 m ³ @ 3798.94/m ³ - by					124073 = ∞
<u>35</u> Providing Putna Cont					
<u>102</u> - - E/I					
Qty vide page 62 of TMB					
474.00 m ² (Unit 435.59 m ²)					
435.59 m ² @ 42.19/m ² - by					18378 = ∞
<u>36</u> Providing back coat					
<u>103</u> - - E/I					
Qty vide page 62 of TMB					
474.00 m ² (Unit 435.59 m ²)					
435.59 m ² @ 14.59/m ² - by					6355 = ∞
<u>37</u> Providing 20mm mss					
<u>104</u> type 'B' - - E/I					
Qty vide page 62 of TMB					
474.00 m ² (Unit 435.59 m ²)					
435.59 m ² @ 198.50/m ² - by					86465 = ∞
<u>38</u> Providing mmsy Informing					
<u>105, 106</u> & Board - - E/I					
<u>107</u> Qty vide page 62 of TMB					
3 mms @ 9825.52 Each - by					29477 = ∞
<u>39</u> Road marking with lat					
<u>108</u> applied - - E/I					

426112674 = ∞

Continuation

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