

In reference to Schedule “B”, page 31 of 82 – Rebuild Transmission Lines – at a project cost of \$4,129,000:

Q. Provide a cost analysis for each and every project. Please show the cost for labour and materials for each project. In the case of Clarenville to Catalina, please advise as to the number of deteriorated bolts and insulators that are being replaced and the cost per unit.

A. The table below shows the labour and non-labour costs for every project in this category. The 123L Clarenville to Catalina project involves the replacement of 180 ball link eye bolts and 1,260 insulators on 60 structures. Unit material costs for ball link eye bolts and insulators are \$17 and \$20, respectively.

Table 1 Project Costs				
Transmission Line	Location	Labour	Non-Labour	2003 Budget (\$000s)
3L	Engineering design	10	-	10
14L	Repair miscellaneous defective components	6	4	10
15L	Repair miscellaneous defective components	6	4	10
19L	Repair miscellaneous defective components	6	4	10
20L	Engineering design	30	-	30
21L	Repair miscellaneous defective components	6	4	10
23L	Replace deteriorated structure	3	2	5
24L	Rebuild section	325	325	650
25L	Engineering design	10	-	10
30L	Repair miscellaneous defective components	6	4	10
34L	Repair miscellaneous defective components	13	7	20
35L	Repair miscellaneous defective components	13	7	20
38L	Repair miscellaneous defective components	16	9	25
41L	Repair miscellaneous defective components	9	6	15

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Transmission Line	Location	Labour	Non- Labour	2003 Budget (\$000s)
48L	Repair miscellaneous defective components	13	7	20
49L	Repair miscellaneous defective components	6	4	10
52L	Repair miscellaneous defective components	13	7	20
54L	Repair miscellaneous defective components	6	4	10
55L	Repair miscellaneous defective components	16	9	25
57L	Repair miscellaneous defective components	9	6	15
58L	Repair miscellaneous defective components	12	8	20
64L	Repair miscellaneous defective components	6	4	10
65L	Repair miscellaneous defective components	6	4	10
67L	Repair miscellaneous defective components	9	6	15
79L	Repair miscellaneous defective components	6	4	10
86L	Repair miscellaneous defective components	9	6	15
94L	Repair miscellaneous defective components	13	7	20
95L	Repair miscellaneous defective components	13	7	20
100L	Complete plan/profile, upgrade section	17	8	25
109L	Replace insulators	12	10	22
123L	Replace deteriorated bolts and insulators	45	29	74
124L	Rebuild section	250	250	500
136L	Upgrade structures	7	3	10
146L	Complete plan/profile	15	10	25
300L	Repair miscellaneous defective components	3	2	5
301L	Reconductor section	1,000	1,000	2,000

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Transmission Line	Location	Labour	Non-Labour	2003 Budget (\$000s)
302L	Repair miscellaneous defective components	12	8	20
305L	Repair miscellaneous defective components	9	6	15
308L	Repair miscellaneous defective components	6	4	10
357L	Rebuild section	35	20	55
400L	Replace deteriorated poles	12.5	12.5	25
403L	Engineering design	10	-	10
406L	Replace insulators	7.5	7.5	15
407L	Replace deteriorated poles	9	9	18
410L	Replace ball link eye bolts	10	10	20
416L	Replace ball link eye bolts	12.5	12.5	25
Various	Install Guy Guards	60	40	100
Bonavista Area	Repair miscellaneous defective components	10	10	20
Gander Area	Repair miscellaneous defective components	25	25	50
Grand Falls Area	Repair miscellaneous defective components	5	5	10
Corner Brook Area	Repair miscellaneous defective components	5	5	10
Stephenville Area	Repair miscellaneous defective components	5	5	10
Total		2,178	1,951	4,129