

1 Q. Please provide a schedule of “contracting out” costs for each department for
2 the years 1996 to projected 2005?

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5 A. Attached is a schedule of services with labour content which Hydro has
6 contracted out for the years 1998 – 2002, and 2003 (to July 31). Forecasts
7 for the remainder of 2003, 2004 and 2005 are not available. Information for
8 years prior to 1998 is not readily available.

DESCRIPTION	ORDER VALUE
Holyrood - Replace 258 Battery & Charger	\$25,533.00
West Labrador - Installation of 5kv Cables	\$27,687.00
Holyrood - Roofing Repairs	\$27,795.00
Hardwoods Gas Turbine - Air Intake Modifications	\$31,202.84
Holyrood - Light Oil Storage Tanks	\$43,300.00
Holyrood - Boiler Sprinkler System	\$53,570.00
Holyrood - Landscaping Services	\$68,575.00
Holyrood - Stack Maintenance	\$74,400.00
Install 66KV Equipment - Buchans	\$85,211.00
Holyrood - Asbestos Removal	\$95,512.00
Mud Lake Interconnection	\$96,080.00
Central Region -Vegetation Control	\$100,525.00
St. Barbe/Englee -Distribtuion Upgrade	\$108,045.00
TL-212 Upgrade 1998	\$114,481.00
Rencontre East - Fuel Storage Upgrade	\$115,000.00
Holyrood - Feedwater Heaters	\$123,390.00
Charlottetown - Fuel System Upgrading	\$144,000.00
TL 212 Upgrade 1997	\$148,530.00
Hinds Lake - Fibre Optic Cable (Plant to Structure)	\$149,669.97
Holyrood - Remove Demineralizing Equipment	\$175,150.00
McCallum - Fuel Storage Upgrade	\$262,100.00
South East Bight Interconnection	\$310,460.00
Transport of Power Transformer	\$345,000.00
Holyrood - Solid Waste Landfill Facilities	\$379,500.00
Wabush - Civil & Electrical Works	\$482,140.00
TL-220 Reroute - Clearing/Erection	\$873,847.25
West Coast Microwave Radio Telecommunications Network	\$2,566,386.00
Total Other Contracts \$5,000.00 to \$25,000.00	\$181,569.00
Total for 1998	\$7,208,659.06

DESCRIPTION	ORDER VALUE
St. Brendans Little Bay Island - Supply / Install Fire Alarm System	\$27,250.00
Hydro Place - Janitorial Services	\$29,997.00
Cat Arm - Floor Coating	\$30,571.20
Hydro Place - Snow Clearing	\$34,162.00
Hardwoods/Oxen Pond - Civil Works	\$34,445.00
Stephenville - Install Metal Enclosed Switchgear Assembly	\$42,992.00
Happy Valley - Replace Wood Truss Roof	\$45,450.00
Holyrood Unit 2 - Transformer Removal	\$46,500.00
Holyrood - Solid Waste Removal	\$47,750.00
Holyrood - Modification Cooling Water System	\$50,289.00
Holyrood - Upgrade Maine Docking Facility	\$57,785.00
Baie Verte Peninsula - Distribution Upgrading	\$60,878.00
Hydro Place - Security Services	\$61,319.99
Central Generation - Asbestos Removal/Replacement	\$66,116.00
Deer Lake - Main Brook Pole Changeout	\$74,170.00
Labrador Region - Wood Frame Storage Sheds	\$77,600.00
Red Bay Distribtuion Line Relocation	\$79,916.00
TL-212 - Install Insulator/Damper	\$85,109.00
Holyrood - Blowdown Line Replacement	\$91,351.40
Holyrood - Coating Steel Panels	\$99,553.00
Holyrood - Asbestos Removal/Replacement	\$100,000.00
Central Region - Pole Inspection Services	\$100,164.75
Central Region -Vegetation Control	\$110,000.00
Holyrood - Stack Maintenance	\$142,973.00
Holyrood - Modification Cooling Water System	\$188,862.00
LaPoillie Interconnection	\$266,750.00
LaPoillie - Submarine Cable	\$312,700.00
English Harbour - Salvage of TL-220 From Existing Structure 78	\$375,232.24
Holyrood Unit 1 - Exciter Upgrade	\$385,618.46
Holyrood - Wastewater Treatment Plant Retrofit	\$390,777.00
TL-228 - Upgrading - Buchans/Massey	\$535,104.00
Holyrood Unit 2 - Exciter Upgrade	\$601,279.96
Central Region - Vegetation Management 1999	\$887,924.54
TL-217 Upgrading Western Avalon to Holyrood	\$5,958,150.00
Total Other Contracts \$5,000.00 to \$25,000.00	\$268,649.00
Total for 1999	\$11,767,389.54

DESCRIPTION	ORDER VALUE
Labrador Generation - Generators, Repair/Maint.	\$24,720.00
Northern Region - Generators, Repair/Maint.	\$24,720.00
Holyrood - Compressor Maintenance	\$24,744.00
Central Transportation - Hydraulic Booms Repairs	\$25,000.00
Holyrood - Elevator Maintenance	\$25,840.60
Holyrood - Handrail Painting	\$26,145.00
Snooks Arm/Venoms Bight - Contract Operation	\$26,500.00
Hydro Place - Office renovations	\$27,110.00
Central Region - Weed Control Program	\$27,328.00
Central Generation - Inspection Gas Turbine Tanks	\$31,637.00
Central Region - Snow Clearing	\$33,400.00
Bottom Waters - IS&T Building	\$35,925.00
Central Region - Cleaning Services	\$39,500.00
Central Region - Snow Clearing Bishops Falls	\$41,250.00
Holyrood Unit 2 - Transformer Removal	\$41,850.00
Hydro Place - Security Services	\$42,808.74
Bay d'Espoir - Installation of 66kv Cap Bank	\$43,600.00
Rigolet - Construction storage shed	\$43,850.00
Holyrood - Amertap Upgrade	\$44,730.00
Hardwoods - Air Intake Modifications	\$46,956.44
Labrador Region - Shipping Services	\$50,000.00
Central Region - Fabrication Services	\$60,000.00
Holyrood - Stack Emmission Testing	\$64,914.00
Hydro Place - Roofing Upgrade	\$65,899.64
Holyrood - High Pressure Valve Maintenance	\$82,688.00
Sheshashiu - Line Relocation Upgrading	\$83,270.00
Mose Ambrose Distribtuion Upgrading	\$86,055.00
Distribtuion Upgrading - Bottom Waters	\$90,240.00
Green Island - Distribution Line Upgrade	\$91,530.00
Holyrood - Support Vessel Services	\$92,000.00
Holyrood - Small Motor Repairs	\$98,050.00
Central Transmission - Wood Pole Inspection	\$102,370.50
Bay d'Espoir Toe Road Construction	\$131,335.00
TL-239 Insulator Replacement	\$150,075.00
Hydro Place - Janitorial Services	\$152,373.00
Holyrood - Vacuum Truck Services	\$157,995.45
Fire Protection System - Various	\$178,698.00
Labrador City - Distribtution Line Upgrade	\$180,700.00
Holyrood - Cooling Water System Modifications	\$189,003.04
Bay D'Espoir - Surge Tank #1	\$213,181.00
Snook's Arm - Distribtuion Upgrade	\$219,999.10
Holyrood Unit 1 - Exciter Upgrade	\$226,270.89
Holyrood - Safety Valve Pipe Modif.	\$237,688.74
Holyrood - Asbestos Removal	\$322,500.00
Holyrood - Painting Services	\$277,200.00
Holyrood - Asbestos Removal/Replacement	\$283,043.79
Holyrood - Stack Maintenance	\$310,008.00
Stephenville - Upgrading Tank Farm	\$322,589.00

DESCRIPTION	ORDER VALUE
Northern Region Diesel Maintenance	\$431,796.64
TL-240 Churchill Falls /Goose Bay Insulator Replacment	\$601,152.69
TRO -General Mechnaical & Electrical Services	\$836,983.00
Central Region - Vegetation Management	\$990,739.00
TL-207, Upgrade - Sunnyside	\$1,053,528.00
Nain - Construction of Generator Plant	\$3,284,621.29
Total Other Contracts \$5,000.00 to \$25,000.00	\$304,106.00
Total for 2000	\$12,700,218.55

DESCRIPTION	ORDER VALUE
Holyrood - Painting Services	\$25,000.00
Holyrood - Compressor Maintenance	\$25,733.76
Port Saunders/Bishops Falls HVAC Installation	\$26,814.00
VHF Radio System Maintenance	\$27,000.00
Holyrood - Disposal Services	\$27,204.00
Holyrood - HVAC Maintenance	\$27,567.55
Holyrood - Snow Clearing	\$28,076.92
Central Region - Snow Clearing Bishops Falls	\$30,000.00
Black Tickle - Building extension	\$31,900.00
Holyrood - High Pressure Valve Maintenance	\$35,612.00
Nain - Distribution Line Upgrade	\$39,165.00
Springdale - I S & T Wood Framed Building	\$42,350.00
Holyrood - Cooling Water System Modifications	\$45,400.00
Hammerdown Mine Site - King's Point	\$46,767.50
Come-By-Change - Chain Link Fencing	\$48,795.00
TL-225 Upgrading - Str 19 - 30	\$49,260.00
Central Region - Generator Repairs/Maintenance	\$49,440.00
Labrador Generation - Generator, Repair/Maintenance	\$49,440.00
Northern Region - Generator, Repair/Maintenance	\$49,440.00
Holyrood - Vacuum Truck Services	\$49,440.91
Hydro Place - Snow Clearing	\$50,000.00
Central Region - Snow Clearing Bishop's Falls	\$50,000.00
Holyrood - Cooling Water System Modifications	\$50,260.08
Holyrood - Small Motor Repairs	\$52,450.00
Central Region - Waste Disposal Services	\$53,738.62
Central Region - Fabrication Services	\$55,000.00
Cat Arm - Fibre Optic Powerhouse to Intake	\$55,651.93
Holyrood - Cooling Water System Modifications	\$57,644.58
Support Vessel Services	\$57,770.00
Holyrood - Insulation of Piping Valve & Fittings	\$61,703.57
Roddickton - P & C Wood Framed Building	\$62,138.40
Hydro Place - Security System	\$63,337.00
Holyrood - Stack Maintenance	\$63,410.00
Hydro Place - HVAC System Maintenance	\$67,054.29
Central Region - Snow Clearing Bishops Falls	\$67,749.99
Holyrood - Support Vessel Services	\$72,000.00
Holyrood - Asbestos Removal	\$77,500.00
Hydro Place - Roofing Upgrade	\$78,683.00
Energy Control Centre - Microwave dish	\$78,708.27
Holyrood - Vacuum Truck Services	\$83,384.00
Holyrood - Bunker C Tank Painting	\$83,850.00
Corporate - Freight Services	\$85,000.00
Hydro Place - Security Services	\$85,617.48
Holyrood - Powerhouse Painting	\$87,500.00
Distribution Line Upgrade Burlington	\$89,325.00
Port Saunders/Bishops Falls HVAC Installation	\$94,025.00
TL-240 Churchill Falls /Goose Bay Insulator Replacment	\$101,362.00

DESCRIPTION	ORDER VALUE
Holyrood - Raw Water Pipe Replacement	\$106,115.00
Holyrood - Roof Upgrade/Stone Replacement	\$120,494.00
Distribution Line Upgrade Paradise River	\$122,965.00
General Mechanical/Electrical Services	\$124,948.00
Corporate Administration - Nordex Lan Wiring	\$130,300.00
Upgrading of Distribution Line - Simmon's Site	\$132,353.50
Holyrood - Asbestos Removal/Replacement	\$162,975.29
Fire Protection System - Various Locations	\$180,067.00
Distribution Line Upgrade Bay D'Espoir etc.	\$186,671.00
Hydro Place - Janitorial Services	\$216,637.00
Civil & Electrical Work at North Plant Happy Valley	\$223,000.00
Bay D'Espoir - Surge Tank #2	\$225,375.00
Labrador Region - Lifting Devices	\$299,899.00
Central Region - Herbicide Program	\$371,422.15
Central Region - Vegetation Management	\$456,856.28
TL-206 Lightning Arrestors Installation	\$591,000.00
Upgrade Transmission Lines 227 & 262 GNP	\$616,300.00
Diesel Generating Plant - McCallum	\$730,000.00
Right of Way Clearing Granite Canal	\$1,021,000.00
TL-237 Upgrading	\$3,866,859.52
Digital Microwave Radio Network	\$7,412,244.55
Total Other Contracts \$5,000.00 to \$25,000.00	\$532,183.00
Total for 2001	\$20,468,935.14

DESCRIPTION	ORDER VALUE
Fire Alarm System Black Tickle	\$29,450.00
Transfer Boom V6032 to New Chassis	\$29,897.00
2002 Crane Maintenance	\$30,000.00
2003 - Motor Repair Services	\$30,000.00
2004 - Motor Repair Services	\$30,000.00
2005 - Motor Repair Services	\$30,000.00
Freshwater Fish Mercury Study	\$30,775.00
Transfer Boom V6023 to New Chassis	\$31,967.00
2002 - Safety Valve Program	\$32,350.00
Plant Drainage System	\$37,636.00
Civil Works Upper Salmon Terminal Station	\$38,900.00
2002 Roof Upgrade Holyrood	\$45,980.00
Environmental Cleanup Roddickton	\$47,200.00
2002 Pump Maintenance Holyrood	\$50,000.00
2004 Pump Maintenance Holyrood	\$50,000.00
2005 Pump Maintenance Holyrood	\$50,000.00
2006 Pump Maintenance Holyrood	\$50,000.00
2007 Pump Maintenance Holyrood	\$50,000.00
2003 Snow Clearing Services Bishops Falls	\$50,000.00
Upgrade Parking Lot Bishops Falls	\$57,010.00
Installation of 230 KV Electrical Equipment	\$58,087.00
2002 Cleaning & Janitorial Services Hydro Place	\$58,272.90
Installation of Closed Circuit TV Infrastructure	\$59,273.00
Painting Services Holyrood	\$59,800.00
Distribution Line Construction Happy Valley	\$66,280.00
2003 Cleaning & Janitorial Services Hydro Place	\$81,582.06
Installation of Pipe System Holyrood	\$97,722.00
Decommissioning of Harbour Deep	\$98,500.00
2003 Pump Maintenance Holyrood	\$100,000.00
2002 Asbestos Insulation Removal	\$103,740.91
Closed Circuit TV System	\$108,337.00
2003 Asbestos Insulation Removal	\$109,706.11
Insulator Replacement TL 226 GNP	\$110,950.00
2004 Asbestos Insulation Removal	\$114,227.91
Insulator Replacement Deer Lake	\$126,880.00
TL206 - Installation of PVC Tower	\$128,500.00
Mechanical & Electrical Services Grey River, Black Tickle & Rigolet	\$137,608.00
Machining Services Bishops Falls	\$145,600.00
Transformer Oil Processing Bay D'Espoir	\$154,688.00
Plant Warehouse Storage Facility	\$178,685.33
Installation of Continuous Emissions Monitoring System Holyrood	\$179,800.00
Fire Protection System - Various	\$194,224.00
Sewage Treatment System	\$227,000.00
Upgrade Fuel Storage Tank Nain	\$233,448.00
Insulators TL228/TL221	\$241,750.00
Supply & Installation of Cable Bay D'Espoir	\$244,739.00

DESCRIPTION	ORDER VALUE
Distribution Line Upgrade South Brook	\$262,570.00
2003 - Vegetation Management	\$264,538.00
Emission Monitoring System	\$299,315.00
2002 - Vegetation Management	\$308,220.75
Nework Management System	\$339,604.00
Digital Governor Replacement Upper Salmon	\$344,666.00
2002 TL 227 - Upgrading	\$461,450.00
2003 - Herbicide Program	\$505,535.95
Distribution Line Ebbegunbaeg	\$564,030.00
2002 - Herbicide Program	\$586,670.55
2004 - Herbicide Program	\$588,059.00
230 KV Steel Transmission Towers	\$2,000,000.00
Microwave Radio System	\$2,297,960.00
Upgrade TL 242 & TL 236	\$4,822,863.90
TL 263 Transmission Line	\$5,337,950.00
Total Other Contracts \$5,000.00 to \$25,000.00	\$572,395.26
Total for 2002	\$23,776,394.63

DESCRIPTION	ORDER VALUE
Transfer Boom to New Chassis	\$25,900.00
Replace Fender Guide Arms	\$26,700.00
Replacement, Pipeline Culvert	\$32,000.00
Distribution Service Extension	\$44,810.00
Installation of Unit # 1 Turbine HR	\$53,700.00
Draft Tube Stoplogs	\$59,769.00
Site Cleanup and Restoration	\$82,300.00
2003 - Environmental Site Assessment	\$90,000.00
Replacement of Steel Frames Holyrood	\$91,518.00
Evergreening Services	\$120,500.00
2004 - Environmental Site Assessment	\$130,000.00
2005 - Environmental Site Assessment	\$130,000.00
Construction of Concrete Headwell	\$131,000.00
Coating of Bunker "C" Tank Number 3	\$139,185.00
Distribution Line Upgrading	\$234,757.80
Turbine Control System	\$580,288.00
Stack Number 1 Liner Replacement	\$1,305,880.00
Digital Microwave Radio	\$6,747,780.00
Total Other Contracts \$5,000.00 to \$25,000.00	\$75,200.00
Total for 2003 (To July 31)	\$10,101,287.80