



**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
PWGSC/TPSGC Acquisitions Bid Receiving  
Box/Boîte de Réception des Soumissions  
Bid Receiving Box/Boîte de Récepti  
1st Floor/1<sup>ère</sup> étage, Suite 1212  
100-1045 Main Street  
Moncton  
New Brunswick  
E1C 1H1  
Bid Fax: (506) 851-6759

## SOLICITATION AMENDMENT MODIFICATION DE L'INVITATION

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

### Comments - Commentaires

Vendor/Firm Name and Address  
Raison sociale et adresse du  
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution  
Acquisitions NB/PEI (Moncton Office) – Bureau  
d'acquisitions N.-B./Î.-P.-É. (Moncton)  
1045 Main Street / 1045, rue Main  
Moncton  
New Bruns  
E1C 1H1

<b>Title - Sujet</b> RISO Emergency Power Sys. Maint.	
<b>Solicitation No. - N° de l'invitation</b> 21207-171934/A	<b>Amendment No. - N° modif.</b> 004
<b>Client Reference No. - N° de référence du client</b> 21207-171934	<b>Date</b> 2018-09-20
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$MCT-032-5433	
<b>File No. - N° de dossier</b> MCT-8-41036 (032)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2018-10-04</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Atlantic Daylight Saving Time ADT
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Savoie (MCT), Ginette	<b>Buyer Id - Id de l'acheteur</b> mct032
<b>Telephone No. - N° de téléphone</b> (506) 381-2680 ( )	<b>FAX No. - N° de FAX</b> (506) 851-6759
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

Instructions: See Herein

Instructions: Voir aux présentes

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

Solicitation No. - N° de l'invitation  
21207-171934/A  
Client Ref. No. - N° de réf. du client  
21207-171934

Amd. No. - N° de la modif.  
04  
File No. - N° du dossier  
MCT-8-41036

Buyer ID - Id de l'acheteur  
mct032  
CCC No./N° CCC - FMS No./N° VME

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**Solicitation Amendment No. 04**

This solicitation is hereby amended to:

(1)

Reference: **Closing date appearing of page one of the solicitation document**

DELETE the closing date of **October 2, 2018**; and  
INSERT the revised closing date of **October 4, 2018**.

(2)

Delete: Annex A – Statement of Work for Emergency Electrical Power Supply System  
Insert: Annex A – SOW Amend no 004– September 18, 2018

Delete: Annex B – Dorchester Penitentiary  
Insert: Annex B – Dorchester Amend no 004 – September 18, 2018

Delete: Annex B – Atlantic Institution  
Insert: Annex B – Atlantic Amend no 004– September 18, 2018

Delete: Annex F - Table 1; Equipment Inventory EN  
Insert: Annex F – Table 1; Equipment Inventory EN Amend 004

If your bid has already been forwarded and you wish to revise same, this revision should be sent either in a sealed envelope and mailed to the above address or by facsimile (506) 851-6759 and reach the undersigned before the appropriate closing date. The solicitation number and the closing date are to be shown on the outside of the sealed envelope or on the facsimile transmission.

All other terms and conditions of the solicitation document remain unchanged.

All enquiries concerning this amendment are to be forwarded to:

Name                Ginette Savoie  
Telephone No.: (506) 381-2680  
Facsimile No:    (506) 851-6759

Annex A  
Statement of Work  
21207-171934

(revised September 18, 2018)

**Objective:**

The work under this Standing Offer Agreement includes the provision of all labour, materials, tools, supervision and equipment necessary for inspection, testing, maintenance, repair, parts replacement and upgrade of Emergency Electrical Power Supply System Equipment as indicated in Table -1 Equipment Inventory, including:

- Diesel Generator (s)
- Transfer Switch (s)
- Breaker (s) and Disconnect (s)
- Motor Starter (s) and Panel Board (s)
- Diesel Fire Pump engine (s)

This standing offer will also be use for service call and repair situations where supplier is required to bring the equipment operational since it's not functioning per intended design.

**Location:**

The supplier must provide services on all Emergency Electrical Power Supply System and all associated auxiliary equipments **at one or more of** the following locations:

<b>Atlantic Institution</b> 13175 Route 8 PO Box 102 Renous, New Brunswick E9E 2E1  Technical Authority Chief Facilities Management: Tel: (506) 623-4204 Fax: (506) 623-4288	<b>Dorchester Penitentiary</b> 4902 Main Street Dorchester, New Brunswick E4K 2Y9  Technical Authority Chief Facilities Management: Tel: (506) 379-4507 Fax: (506) 379-4641
<b>Nova Institution</b> 180 James Street Truro, Nova Scotia B2N 6R8  Technical Authority Chief Facilities Management: Tel: (902) 597-0190 ext 2190 Fax: (902) 597-3262	<b>Springhill Institution</b> 330 McGee Street PO Box 2140 Springhill, Nova Scotia BOM 1X0  Technical Authority Chief Facilities Management: Tel: (902) 597-0190 ext 2190 Fax: (902) 597-3262

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**Scheduling;**

The Supplier must provide required inspection at the following frequency;

**Inspection Frequency table:**

Generator	Semi-Annual Inspection
Generator	Annual Inspection
Generator	Quinquennial Inspection

The Supplier must ensure that proper notification procedures are in place to avoid false alarms during service, repairs and testing of the equipment.

**Deficiencies;**

While the Supplier is on site, deficiencies discovered that can be repaired with available material from the Supplier's stock must be invoice as per the Basis of Payment in the standing offer. The approval to proceed with this corrective work can only be authorized by the Technical Authority.

For any repairs associated with the Equipment Inventory or other, the Supplier must submit to the Technical Authority for review, within forty-eight hours, a comprehensive part & labour cost summary and the reason for repair(s). The proposed repairs must not proceed without prior consent via a call up from the Technical Authority.

**Manufacturer equipment;**

The Supplier must have the complete operational and adjustment procedures of the manufacturers for the equipment concerned, including direct access to the manufacturer's technical support services and service bulletins. The supplier must ensure the manufacturer's recommendations are submitted to the Technical Authority for review to maintain the equipment at its original performance level to provide trouble-free operations.

The manufacturers may possess Proprietary Rights on some or all of the equipment listed in Table 1 – Equipment Inventory. Should a need arise to test, inspect, reconfigure, replace or reprogram such equipment, the Supplier must advise the Technical Authority prior any work.

**Report;**

The supplier must provide to the Technical Authority, after each visit, a service report containing all details of work performed. When applicable, the supplier must provide a list of defects/deficiencies discovered during the visit with recommended corrective actions and estimated budget cost to correct any deficiencies. The supplier must provide all activities report to the following email:

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[GEN-ATLRHQTechServ@csc-scc.gc.ca](mailto:GEN-ATLRHQTechServ@csc-scc.gc.ca).

The supplier is responsible to provide a semi-annual, annual and quinquennial inspection report as per the frequency table. A detailed and comprehensive signed inspection report must be submitted to the Technical authority no later than five working days following the completion of the inspections.

The report must include the major and minor deficiencies noted during the inspections, tests, checks, maintenance and service defined within this Statement of Work.

The Supplier must also identify in the report any modifications or improvements to the equipment or system(s) that will enhance equipment serviceability, life expectancy and/or efficiency.

All documents within the report are to be presented in Adobe Acrobat PDF format.

**Emergency service;**

The supplier will advise the Technical Authority of the telephone number at which he/she or his/her representative may be contacted 24 Hours a day, 7 days a week.

The supplier must provide emergency service during and after regular hours with an on-site response time of 4 hours or agreed upon response time with Technical Authority.

The supplier must respond to service call 24 Hr/day, 7 days a week. For an outside regular work hours' service call, the supplier must contact the Technical Authority on the first working day to obtain a work order number.

**Supplier's responsibilities;**

The supplier must report to the site with a service vehicle which is well stocked with replacement parts to carry out repairs on the system in use in these facilities.

The supplier must remove and dispose of debris, used and obsolete material on a daily basis.

The Supplier must submit the fuel sample to a qualified laboratory certified to perform analysis on diesel fuel for contamination and fuel degradation.

**Semi-Annual Requirements**

The semi-annual maintenance, checks, inspections and tests must also include the applicable weekly and monthly requirements.

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**Annual Requirements**

The annual maintenance, inspection and tests must also include the applicable weekly, monthly and semi-annual requirements.

As part of the annual checking, inspection and testing procedures the Supplier must be responsible for necessary cabling for connection to the Emergency Electrical Power Supply System or Systems being tested, to meet the required maximum load capacity of the generator.

The Supplier must provide their installation location and isolation procedures to the technical Authority as part of the Annual Inspection.

The Supplier must submit a detailed sequence of operation for all of the events covered under the Annual inspection.

The Supplier must provide a liquid analysis report for the anti-freeze and lubricating oil liquid.

**Five Year Requirements**

The five-year maintenance, checking, inspection and testing must be performed in the first optional year of the Standing Offer for Springhill and Nova Institutions.

The five-year maintenance, checking, inspection and testing must be performed in the last optional year of the Standing Offer for Dorchester and Atlantic Institutions.

The five-year maintenance, checking, inspection and testing procedures requires the Supplier to perform a vibration analysis of the generator and engine, during both full-load and cool down periods.

Vibration analysis results must be compared with the Original Equipment Manufacturers' (OEM) established and recommended tolerance figures. Results are to be submitted with the Annual report.

**Equipment Annunciation;**

The following equipment must be inspected and tested during to ensure correct communication and annunciation between Generator Control Panel and Other Relevant Equipment:

- a) Engine
- b) Generator
- c) Fuel system
- d) Ventilation systems
- e) Building Automation System (BAS)

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- f) Power distribution transfer switches.
- g) Fire alarm system.
- h) Battery charger.

**Ventilation System;**

When applicable Room air supply and exhaust system(s) motorized dampers must be:

- a) Cleaned and inspected.
- b) Operated over full cycle to confirm proper operation.
- c) Tested to ensure that dampers open and close to proper positions.
- d) Inspected to ensure that motor shaft and linkage is not damaged or obstructed.
- e) Linkage must be lubricated.

Room/enclosure air supply and exhaust system(s) room thermostat must be tested for correct and accurate operation.

Room/ enclosure air supply and exhaust system(s) fan and motor assembly must be:

- a) Checked for excessive noise, vibration and overheating.
- b) Inspected to ensure fan blades are clean.
- c) Checked to confirm belt, condition, tension and alignment
- d) Lubricated.
- e) Cleaned internally and externally.
- f) Tested to insure that fan rotates freely.
- g) Inspected for solid mounting. Tighten mounting bolts if found to be loose.
- h) Inspected for shaft play and bearing wear. Recommend replacement of defective equipment if discovered.
- i) Inspected to ensure integrity of safety guard, if fitted with such.

**Security;**

The supplier's technicians are required, upon arrival to the site facility to provide identification (ID) and log into the institutional Visitor's Register maintained at the Principal Entrance.

The supplier must, upon arrival on site, submit a complete tools list (3 copies). Any missing or lost tools must be reported to the Correctional Manager desk by the supplier or escort staff/commissionaire.

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**Technician requirements;**

When responding to a service request, the supplier must send one licensed technician. For any additional licensed technician or apprentices' requirements, it must be pre-approved in writing by the Technical Authority.

The Supplier must notify the Technical Authority by phone within an hour and subsequently to follow up with a written report by fax or e-mail within twenty-four hours of any negligent operation or misuse of the equipment by Canada and other parties. The Supplier may be required to make repair or replace components necessitated by such occurrence at extra cost.

**Replacement Parts:**

The supplier is required to repair or replace worn or defective parts of the system(s) using only genuine manufacturer's replacement parts.

Replacement parts by another manufacturer may be used with permission of the Technical Authority.

The supplier must request direction from the Technical Authority prior to replacing any component.

Maintain sufficient supply of replacement parts to prevent extended downtime. Defective parts must be replaced within twenty-four (24) hours or with timeframe approved by the Technical Authority.

**Log Books:**

The supplier is responsible for supplying and completing the CSA 282 "Emergency Generator Log book" of the inspection, testing and maintenance of each piece of equipment. This log must be kept on site in the equipment room, if applicable. The log must include:

- ✓ the date on which an inspection, testing and maintenance exercise was carried out;
- ✓ the name(s) of the person(s) who performed the inspection, testing and maintenance;
- ✓ replacement parts list;
- ✓ notes on any unsatisfactory conditions observed or discovered and the steps taken to correct such conditions; and

The completed original logbooks must be submitted to the Technical Authority and become the property of Canada.



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**Compliance Requirements:**

The supplier must conform to the following Codes and Standards applicable at the time of installation or alteration:

- CAN/CSA C282 Emergency electrical power supply for buildings.
- CAN/CSA Control of hazardous energy – Lockout and other methods.
- CAN/CSA Z462 Workplace Electrical Safety (Arc Flash Protection)
- CAN/CSA B-139 Installation code for oil-burning equipment.

Comply with the Canada Labour Code Part II and the Canada Occupational Health and Safety Regulations.

Comply with the Provincial Occupational Health and Safety Act and following Occupational General Safety Regulations.

The supplier and his/her personnel must adhere to the Federal Government ‘No Smoking’ policy while in Federal facilities and/or scent free policy where applicable.

The supplier must have certified technicians performing the work as per applicable Provincial or Federal requirements. The technician must maintain their applicable provincial certification to work in our facilities.

CSC reserves the right to deny access to any institution / site or part thereof of any Supplier personnel, at any time. The supplier will be under direct escort by commissionaires or a delegate.

**Facilities Closure:**

The supplier must perform all work during the regular working hours (07:30 to 17:00 hours) of the regular working days. If work is required outside of the regular working hours, alternate pre-approved arrangement can be made to accommodate the supplier.

In case of “CLOSURE OF GOVERNMENT FACILITIES” in regards to delays caused by the Crown at the site, the following will apply:

- ✓ Where the supplier or the supplier’s employees are providing services on government premises pursuant to this contract and the said premises

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become non accessible due to evacuation or closure of government facilities, and consequently no work is being performed as a result of the closure, the Crown will not be liable for payment to the supplier for the period of closure.

- ✓ In the event of closure, the supplier must immediately notify the Site Authority or his/her delegate. The supplier will be compensated for the time to return at their closest office or at a maximum of 2 hours whichever is less.

**Invoicing:**

The Supplier must allow 30 days from delivery of invoice for payment without interest charges. The Supplier may not invoice prior to performance of the service or delivery of the goods.

Invoice should show:

- Standing Offer Agreement Number.
- Work Location and date (Provided by CSC representative).
- Hours Broken down as per Unit Price Table.
- Material net cost and % mark-up.
- Trades Person(s) name

All invoice should be typed not hand written.

In the event of a dispute, the supplier is to make any and all records available to the Department to substantiate time and/or material spent on any one job.

All invoices for the fiscal year must be submitted to payment before April 10 of each calendar year.

(revised September 18, 2018)

Rates to include labour, tools, equipment, transportation, supervision, travel time and vehicle surcharge/costs.

The semi annual and annual inspection is a flat rate to perform all the required inspection, testing and maintenance (ITM) of the emergency generator.

For service call or deficiencies repairs, the payable time will be an hourly rate and a markup on landed cost for parts.

Payable time start upon arrival at the work location.

Service call is a minimum 3 Hours charge.

Correctional Service Canada wants to promote usage of apprenticeship programs and when approved by the Project Authority, apprentices can perform the work and the contractor will be compensated at 70% of the applicable Trades unit price.

Financial coding 20731.253

ATLANTIC: Year 1; 2018-2019					
Item	Description	Unit of item	Estimated Quantity	Unit price (Rate)	Extended Amount
1	Semi-annual inspection, testing and maintenance flat rate. (includes all necessary filters and oil for the equipment maintenance)	Flat rate	1		
2	Annual inspection, testing and maintenance flat rate. (includes all necessary filters and oil for the equipment maintenance, also including the supply of the load bank)	Flat rate	1		
3	<b>Service call; Certified Electrical Generator Systems Technician.</b> During regular working Hours (Monday through Friday, 7h30-17h00 hours)	Hour	160		

4	<b>Service call; Certified Electrical Generator Systems Technician.</b> During outside regular working hours from Monday to Friday, weekends and Statutory Holidays.	Hour	40		
5	<b>Service call; Licensed Electrician</b> During regular working Hours (Monday through Friday, 7h30-17h00 hours)	Hour	32		
6	<b>Service call; Licensed Electrician</b> During outside regular working hours from Monday to Friday, weekends and Statutory Holidays.	Hour	16		
7	<b>Allowance for parts. Landed cost, plus a markup of 20% applied. The Technical Authority may request original part receipt at his discretion.</b>	Amount			\$ 50,000.00

ATLANTIC: Optional Year 1; 2019-2020					
Item	Description	Unit of item	Estimated Quantity	Unit price (Rate)	Extended Amount
1	Semi-annual inspection, testing and maintenance flat rate. (includes all necessary filters and oil for the equipment maintenance)	Flat rate	1		
2	Annual inspection, testing and maintenance flat rate. (includes all necessary filters and oil for the equipment maintenance, also including the supply of the load bank)	Flat rate	1		
3	<b>Service call; Certified Electrical Generator Systems Technician.</b> During regular working Hours (Monday through Friday, 7h30-17h00 hours)	Hour	160		

4	<b>Service call; Certified Electrical Generator Systems Technician.</b> During outside regular working hours from Monday to Friday, weekends and Statutory Holidays.	Hour	40		
5	<b>Service call; Licensed Electrician</b> During regular working Hours (Monday through Friday, 7h30-17h00 hours)	Hour	32		
6	<b>Service call; Licensed Electrician</b> During outside regular working hours from Monday to Friday, weekends and Statutory Holidays.	Hour	16		
7	<b>Allowance for parts. Landed cost, plus a markup of 20% applied. The Technical Authority may request original part receipt at his discretion.</b>	Amount			\$ 50,000.00

ATLANTIC: Optional Year 2; 2020-2021					
Item	Description	Unit of item	Estimated Quantity	Unit price (Rate)	Extended Amount
1	Semi-annual inspection, testing and maintenance flat rate. (includes all necessary filters and oil for the equipment maintenance)	Flat rate	1		
2	Annual inspection, testing and maintenance flat rate. (includes all necessary filters and oil for the equipment maintenance, also including the supply of the load bank)	Flat rate	1		
3	<b>Service call; Certified Electrical Generator Systems Technician.</b> During regular working Hours (Monday through Friday, 7h30-17h00 hours)	Hour	160		

4	<b>Service call; Certified Electrical Generator Systems Technician.</b> During outside regular working hours from Monday to Friday, weekends and Statutory Holidays.	Hour	40		
5	<b>Service call; Licensed Electrician</b> During regular working Hours (Monday through Friday, 7h30-17h00 hours)	Hour	32		
6	<b>Service call; Licensed Electrician</b> During outside regular working hours from Monday to Friday, weekends and Statutory Holidays.	Hour	16		
7	<b>Allowance for parts. Landed cost, plus a markup of 20% applied. The Technical Authority may request original part receipt at his discretion.</b>	Amount			\$ 50,000.00

ATLANTIC: Optional Year 3; 2021-2022					
Item	Description	Unit of item	Estimated Quantity	Unit price (Rate)	Extended Amount
1	Semi-annual inspection, testing and maintenance flat rate. (includes all necessary filters and oil for the equipment maintenance)	Flat rate	1		
2	Annual inspection, testing and maintenance flat rate. (includes all necessary filters and oil for the equipment maintenance, also including the supply of the load bank)	Flat rate	1		
3	<b>Service call; Certified Electrical Generator Systems Technician.</b> During regular working Hours (Monday through Friday, 7h30-17h00 hours)	Hour	160		

4	<b>Service call; Certified Electrical Generator Systems Technician.</b> During outside regular working hours from Monday to Friday, weekends and Statutory Holidays.	Hour	40		
5	<b>Service call; Licensed Electrician</b> During regular working Hours (Monday through Friday, 7h30-17h00 hours)	Hour	32		
6	<b>Service call; Licensed Electrician</b> During outside regular working hours from Monday to Friday, weekends and Statutory Holidays.	Hour	16		
7	<b>Allowance for parts. Landed cost, plus a markup of 20% applied. The Technical Authority may request original part receipt at his discretion.</b>	Amount			\$ 50,000.00

ATLANTIC: Optional Year 4; 2022-2023					
Item	Description	Unit of item	Estimated Quantity	Unit price (Rate)	Extended Amount
1	Semi-annual inspection, testing and maintenance flat rate. (includes all necessary filters and oil for the equipment maintenance)	Flat rate	1		
2	Annual and Quinquennial inspection, testing and maintenance flat rate. (includes all necessary filters and oil for the equipment maintenance, also including the supply of the load bank)	Flat rate	1		
3	<b>Service call; Certified Electrical Generator Systems Technician.</b> During regular working Hours (Monday through Friday, 7h30-17h00 hours)	Hour	160		

4	<b>Service call; Certified Electrical Generator Systems Technician.</b> During outside regular working hours from Monday to Friday, weekends and Statutory Holidays.	Hour	40		
5	<b>Service call; Licensed Electrician</b> During regular working Hours (Monday through Friday, 7h30-17h00 hours)	Hour	32		
6	<b>Service call; Licensed Electrician</b> During outside regular working hours from Monday to Friday, weekends and Statutory Holidays.	Hour	16		
7	<b>Allowance for parts. Landed cost, plus a markup of 20% applied. The Technical Authority may request original part receipt at his discretion.</b>	Amount			\$ 50,000.00



(revised September 18, 2018)

Rates to include labour, tools, equipment, transportation, supervision, travel time and vehicle surcharge/costs.

The semi annual and annual inspection is a flat rate to perform all the required inspection, testing and maintenance (ITM) of the emergency generator.

For service call or deficiencies repairs, the payable time will be an hourly rate and a markup on landed cost for parts.

Payable time start upon arrival at the work location.

Service call is a minimum 3 Hours charge.

Correctional Service Canada wants to promote usage of apprenticeship programs and when approved by the Project Authority, apprentices can perform the work and the contractor will be compensated at 70% of the applicable Trades unit price.

Financial coding 20731.253

DORCHESTER: Year 1; 2018-2019					
Item	Description	Unit of item	Estimated Quantity	Unit price (Rate)	Extended Amount
1	Semi-annual inspection, testing and maintenance flat rate. (includes all necessary filters and oil for the equipment maintenance)	Flat rate	1		
2	Annual inspection, testing and maintenance flat rate. (includes all necessary filters and oil for the equipment maintenance, also including the supply of the load bank)	Flat rate	1		
3	<b>Service call; Certified Electrical Generator Systems Technician.</b> During regular working Hours (Monday through Friday, 7h30-17h00 hours)	Hour	320		

4	<b>Service call; Certified Electrical Generator Systems Technician.</b> During outside regular working hours from Monday to Friday, weekends and Statutory Holidays.	Hour	80		
5	<b>Service call; Licensed Electrician</b> During regular working Hours (Monday through Friday, 7h30-17h00 hours)	Hour	60		
6	<b>Service call; Licensed Electrician</b> During outside regular working hours from Monday to Friday, weekends and Statutory Holidays.	Hour	24		
7	<b>Allowance for parts. Landed cost, plus a markup of 20% applied. The Technical Authority may request original part receipt at his discretion.</b>	Amount			\$ 100,000.00

DORCHESTER: Optional Year 1; 2019-2020					
Item	Description	Unit of item	Estimated Quantity	Unit price (Rate)	Extended Amount
1	Semi-annual inspection, testing and maintenance flat rate. (includes all necessary filters and oil for the equipment maintenance)	Flat rate	1		
2	Annual inspection, testing and maintenance flat rate. (includes all necessary filters and oil for the equipment maintenance, also including the supply of the load bank)	Flat rate	1		
3	<b>Service call; Certified Electrical Generator Systems Technician.</b> During regular working Hours (Monday through Friday, 7h30-17h00 hours)	Hour	320		

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6	<b>Service call; Licensed Electrician</b> During outside regular working hours from Monday to Friday, weekends and Statutory Holidays.	Hour	24		
7	<b>Allowance for parts. Landed cost, plus a markup of 20% applied. The Technical Authority may request original part receipt at his discretion.</b>	Amount			\$ 100,000.00

DORCHESTER: Optional Year 2; 2020-2021					
Item	Description	Unit of item	Estimated Quantity	Unit price (Rate)	Extended Amount
1	Semi-annual inspection, testing and maintenance flat rate. (includes all necessary filters and oil for the equipment maintenance)	Flat rate	1		
2	Annual inspection, testing and maintenance flat rate. (includes all necessary filters and oil for the equipment maintenance, also including the supply of the load bank)	Flat rate	1		
3	<b>Service call; Certified Electrical Generator Systems Technician.</b> During regular working Hours (Monday through Friday, 7h30-17h00 hours)	Hour	320		

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7	<b>Allowance for parts. Landed cost, plus a markup of 20% applied. The Technical Authority may request original part receipt at his discretion.</b>	Amount			\$ 100,000.00

DORCHESTER: Optional Year 3; 2021-2022					
Item	Description	Unit of item	Estimated Quantity	Unit price (Rate)	Extended Amount
1	Semi-annual inspection, testing and maintenance flat rate. (includes all necessary filters and oil for the equipment maintenance)	Flat rate	1		
2	Annual inspection, testing and maintenance flat rate. (includes all necessary filters and oil for the equipment maintenance, also including the supply of the load bank)	Flat rate	1		
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6	<b>Service call; Licensed Electrician</b> During outside regular working hours from Monday to Friday, weekends and Statutory Holidays.	Hour	24		
7	<b>Allowance for parts. Landed cost, plus a markup of 20% applied. The Technical Authority may request original part receipt at his discretion.</b>	Amount			\$ 100,000.00

DORCHESTER: Optional Year 4; 2022-2023					
Item	Description	Unit of item	Estimated Quantity	Unit price (Rate)	Extended Amount
1	Semi-annual inspection, testing and maintenance flat rate. (includes all necessary filters and oil for the equipment maintenance)	Flat rate	1		
2	Annual and Quinquennial inspection, testing and maintenance flat rate. (includes all necessary filters and oil for the equipment maintenance, also including the supply of the load bank)	Flat rate	1		
3	<b>Service call; Certified Electrical Generator Systems Technician.</b> During regular working Hours (Monday through Friday, 7h30-17h00 hours)	Hour	320		



(Revised Sept 18 2018)

**Equipment table: Dorchester Institution, 4902 Main Street, Dorchester, New Brunswick, E4K 2Y9**

#	Location	Equipment tag	YEAR	Make	Model	Serial Number	Description	Fuel	Capacity/ Output
1	220-C5-F115 Emergency Generator room	GEN01	2016	Caterpillar	CAT C-18	Gen. G7A05631 Eng. FST01503	900 HP Emergency Generator	Diesel	600 kW
2	220-C5-F115 Emergency Generator room	GEN02	2016	Caterpillar	CAT C-18	Gen. G7A05632 Eng. FST01459	900 HP Emergency Generator	Diesel	600 kW
3	220-C5-F115 Emergency Generator room	EPP01		ASCO	7000 Series		Emergency Power Panel		
4	220-C5-F115 Emergency Generator room	ATS01		ASCO	5200 Series		Automatic Transfer Switch Power Manager ASCO 5200 Series		
5	220-C5-F115 Emergency Generator room	ATS02		ASCO	5200 Series		Automatic Transfer Switch Power Manager ASCO 5200 Series		
6	220-C5-F115 Emergency Generator room	ATS03		ASCO	5200 Series	-	Automatic Transfer Switch Power Manager ASCO 5200 Series		
7	E59-001 Fire Pump House	GEN03	1986	Kohler	20R07281	196724	Emergency Generator for Fire Pump building	-	25 kW

**Equipment table: Nova Institution, 180 James Street, Truro, Nova Scotia, B2N 6R8**

#	Location	Equipment tag	YEAR	Make	Model	Serial Number	Description	Fuel	Capacity/ Output
1	250-Outside; front of Main building	GEN01	2013	MTU	DS00400D6SNAH1574	338085-1-1-1011	400 Kw Emergency Generator	Diesel	300 Kw
2	250 Main Building (Elec. Room 1143)	ATS01	02/2007	Kohler-400 Amps	KBS-DNWA-0400S	K2143883	Automatic Transfer Switch		600v/3Ph/30H
3	250 Main Building (Elec Room 023)	ATS02	07/2014	ASCO	7000 Series	989077	3 Pole – 200 Amps ATS		600Y/347

**Equipment table: Atlantic Institution, 13175 Route 8, PO Box 102, Renous, New Brunswick, E9E 2E1.**

#	Location	Equipment tag	YEAR	Make	Model	Serial Number	Description	Fuel	Capacity/ Output
1	231-MD-M8C	GEN01	2011	Caterpillar	LC6 (arrangement: 235-1215; engine C15)	generator: G6B17498 engine: FSE03482	500 kW Emergency Generator	Diesel	500 kW; 550 HP
2	231-MD-M8C	GEN02	2011	Caterpillar	LC6 (arrangement: 235-1214; engine C15)	generator: G6B18050 engine: FSE037564	500 kW Emergency Generator	Diesel	500 kW; 550 HP
3	231-MD-M8C	ATS01		ASCO	7000 Series	506005	CAT#J07ATBA30400R5XE		600V&600A -3Phase, 4 Wire, 60 Hertz
4	231-Electrical room	ATS02	04/2011	ASCO	7000 Series	659836-1	CAT# J07ATBC30600R5XC		
5	231-MR 2	ATS03	04/2011	ASCO	7000 Series	659838	CAT# 407ATBC30800R5XC		
6	231-Tunnel	ATS04		ASCO	7000 Series	659838-2	CAT # J07ATBC30600R5XC		
8	231-11	100-PUM01	1985	Aurora	20AC10 (900 SERIES)		Pump (from Diesel engine), 250 ft. T.D.H, Diesel generator.	Diesel	1500 us gpm
9	231-11	100-PUM01	1985	Cummins	V-304-F2	20243906	Diesel Fire Pump Engine	Diesel	



**Equipment table: Springhill Institution, 330 McGee Street, PO Box 2140, Springhill, Nova Scotia, BOM 1X0**

#	Location	Equipment tag	YEAR	Make	Model	Serial Number	Description	Fuel	Capacity/ Output
1	A5-103	GEN01	1991	Detroit Diesel / Kohler	500R0ZD91	293493	750 HP Emergency Generator	Diesel	750 HP
2	A5-103	GEN02	1991	Detroit Diesel / Kohler	500R0ZD91	293503	750 HP Emergency Generator	Diesel	750 HP
3	A5-104	ATS03	04/2012	ASCO 962 - 600 Amps	7000 Series	844714-1	Automatic Transfer Switch		4-pole; 800AMPS
4	A5-104	ATS02	04/2012	ASCO 962 - 600 Amps	7000 Series	844716	Automatic Transfer Switch		4-pole; 600AMPS
5	19-129	ATS01	04/2012	ASCO 962 - 600 Amps	7000 Series	844714	Automatic Transfer Switch		