Public Works and Government Services Canada | Travaux publics et Services gouvernementaux Canada

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:

Bid Receiving - PWGSC / Réception des soumissions - TPSGC
11 Laurier St. / 11, rue Laurier
Place du Portage, Phase III
Core 0B2 / Noyau 0B2
Gatineau, Québec K1A 0S5
Bid Fax: (819) 997-9776

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

Electrical & Electronics Products Division
L'Esplanade Laurier
East Tower, 4th floor,
Ottawa
Ontario
K1A 0S5

Title - Sujet GENERATOR SYSTEMS - R&O	
Solicitation No. - N° de l'invitation W8486-196044/A	**Amendment No. - N° modif.** 003
Client Reference No. - N° de référence du client W8486-196044	**Date** 2020-03-03
GETS Reference No. - N° de référence de SEAG PW-$$HN-475-78428	
File No. - N° de dossier hn475.W8486-196044	**CCC No./N° CCC - FMS No./N° VME**
Solicitation Closes - L'invitation prend fin **at - à** 02:00 PM **on - le** 2020-03-24	**Time Zone** **Fuseau horaire** Eastern Daylight Saving Time EDT
F.O.B. - F.A.B. **Plant-Usine:** ☑ **Destination:** ☐ **Other-Autre:** ☐	
Address Enquiries to: - Adresser toutes questions à: Figueredo, Laila	**Buyer Id - Id de l'acheteur** hn475
Telephone No. - N° de téléphone (613) 298-4794 ( )	**FAX No. - N° de FAX** ( ) -
Destination - of Goods, Services, and Construction: **Destination - des biens, services et construction:**	

Instructions: See Herein

Instructions: Voir aux présentes

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

Canada

Amendment 003 is raised to extend the Bid Closing date, answer Bidder's questions, and amend the solicitation as follows:

On the cover page, extend the Solicitation Closing Date:

DELETE: in its entirety

REPLACE with: 2:00 p.m. EDT, March 24, 2020

Q6
Would you please provide the following in excel format - Annex H, Financial Bid Evaluation Sheet – Page 49, Basis of Selection Grid – Page 15?

A6
Annex H, Financial Bid Evaluation Sheet is not available in MS Excel format. The Bidder can transfer the data from Annex H to format it into a spreadsheet, however, the Bidder will be responsible for any errors / omissions in the transfer of data from the solicitation to a spreadsheet format.

Q7
We can't seem to find in the RFP where it identifies the estimated repair contract values. Is this identified in the RFP? If not, what is the total potential contract value for the first two years?

A7
Please refer to the forecasted repairs for the first two years which are provided in Annex A – Statement of Work, 3.6 Minimum and Maximum Repair Units, to determine an estimated repair contract value.

Q8
Would DND please provide the definitions of Junior VS Senior for all labour categories in order to ensure we understand exactly what DND requires?

A8
Junior: a qualified technician or engineer, with less than 2 years' experience.
Senior: a qualified technician or engineer, with more than 2 years' experience.

Q9
When Taskings are requested (with applicable SOW), DND requests a quote and based on the requirement the Contractor selects the "category" of labour deemed to be required for what the tasking is requesting. As a result, the following questions are being asked - Why would the SITS/TIES categories not be a "blended rate" like the In-Plant R&O – One line with one price? Why are there so many labour categories for SITS/TIES?

A9
Tasks Requests may require a variety of specific labour services based on the Statement of Work. The various labour categories allows the Contractor the flexibility to quote the specific labour positions required to complete the tasks deliverables.

Q10
Reference Annex B – LOG SOW – This does not seem to be the newest versions of the Log Sow based on previous R&O RFPs. It is requested that DND confirm these are the latest versions or amend the SOW to reflect the latest version?

A10
Confirmed, it's the latest and the one we are using.

Q11
Reference Appendix 1 to Annex A – CARC SOW – The references in the SOW are from Sep 2003 which indicates there may be a newer version. Is this CARC SOW the latest/newest version?

A11
Yes, there is an updated version. Please see amendment below to update Appendix 1 to Annex A – Statement of Work for Chemical Agent Resistant Coating (CARC) System.

Q12
Ref Evaluation Grid – Para 4 – Facility, Grid Item 2 - Storage capability for incoming and outgoing heaters (minimum 15 units) and Spare parts; - wording not consistent with R&O requirement. Please amend to reflect the correct information?

A12
This is an error, it should be "Storage capability for incoming and outgoing skid mounted and trailer mounted generators (minimum 15 units) and Spare parts". Please see amendment below for correction to Annex G, 2.4 – Item 4 Facility, Scoring Grid for Item 4, box 2.

Q13
Our request for the TDP package was submitted on 04 Feb. We just received this today (two weeks after request). As a result, it will take some time to review all the documents in order to prepare our proposal properly. We respectively request an extension to the RFP proposal submission date by at least two weeks.

A13
Canada will grant a one week extension. Please see revised Bid Closing date on cover page of this Amendment.

Q14
DND's policy has typically only allowed lowest dollar compliant contracts as the basis of evaluation and the questions asked above. Can DND please provide documentation where this policy has changed to accept "best value" contracting?

A14
PSPC is the procurement entity not DND. PSPC in conjunction with DND have determined the most appropriate Basis of Selection, based on achieving best value to Canada while meeting the requirement. Furthermore, DND has no such policy restricting the basis of selection to only one type of basis of selection.

Q15
Can you send me the site locations for these services? It would help in determining the costing for each generator.

A15
No, all generators are shipped and returned at Canada's cost to and from the Contractor's location for repair (i.e. Category 1 work) as stated in the solicitation at Part 7, 7.19 Shipping Instructions (Department of National Defence) - Canadian-based Contractor and 7.20 Shipping instructions (Department of National Defence): Foreign-based contractors.

Q16
Do we have to quote for all areas of the country, all DND facilities in question or can we quote by province (Saskatchewan, Manitoba and Alberta)?

A16
No, we do not have a list of every DND facility or unit and location that can be provided. Bidders are to complete Annex "H" Financial Proposal for the financial bid section of their Bid as stated in Part 3, 3.1.1 of the solicitation. Annex "H" Financial Proposal is not based on costing by province.

Q17
If we can quote by Province how do we specify which areas we are wanting to be considered for?

A17
Please see A16.

Q18
As we may not be familiar with all areas in which DND has locations that require generator work, how do we go about specifying travel costs etc.? Or is this something that can simply quote as being dependent of final cost as an extra line item for each location separately; once we are able to determine our actual cost of travel etc.

A18
When a specific Task Request for Category 2 Work is sent to the Contractor, it will indicate the location of the Work. The Contractor will then provide a Task Proposal in response which will include as part of the costing, the travel costs for the work location specified in that particular Task in accordance with Part 7, 7.7.1.3 Travel and Living Expenses - National Joint Council Travel Directive of the solicitation.

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1. Further to A11, the Solicitation is amended as follows:

Under Annex A, Statement of Work:

DELETE in its entirety: Appendix 1 to Annex A – Statement of Work for Chemical Agent Resistant Coating (CARC) System

REPLACE with: Appendix 1 to Annex A – Statement of Work for Chemical Agent Resistant Coating (CARC) System (herein below)

2. Further to A12, the Solicitation is amended as follows:

Under Annex G, 2.4 – Item 4 Facility, Scoring Grid for Item 4, box:

DELETE: - Storage capability for incoming and outgoing heaters (minimum 15 units) and Spare parts;

REPLACE with: - Storage capability for incoming and outgoing **skid mounted and trailer mounted generators** (minimum 15 units) and Spare parts

(See revised Annex G herein below.)

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

WORK STATEMENT FOR

CHEMICAL AGENT RESISTANT

COATING SYSTEM

(Edition of 15 May 2019)

NOTICE

This documentation has been reviewed by the technical authority and does not contain controlled goods. Disclosure notices and handling instructions originally received with the document shall continue to apply.

AVIS

Cette documentation a été révisée par l'autorité technique et ne contient pas des marchandises contrôlées. Les avis de divulgation et les instructions de manutention reçues originalement doivent continuer de s'appliquer.

OPI
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Quality Engineering Test Establishment
National Defence Headquarters
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Ottawa ON Canada K1A 0K2
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1. Scope

1.1. This document outlines the procedures to be followed and the products to be used in order to paint surfaces of the Canadian Army operational vehicles/equipment with the distinctive exterior permanent matt green colour (AMS-STD-595 #34094) and interior permanent gloss white colour (AMS-STD-595 #17925) coating systems that provide the corrosion, the camouflage, the infra-red and CARC properties required for the protection of the vehicles/equipment and for the protection of the soldier.

2. Acronyms

CARC	Chemical Agent Resistant Coating
CBRN	Chemical, Biological, Radiological and Nuclear
CFSS	Canadian Armed Forces Supply System
DGLEPM	Director General of Land Equipment Program Management
DLR	Director Land Requirements
DND	Department of National Defence
CAO	Canadian Army Command Order
NSN	NATO Stock Number
PC	(Organic and Associated Inorganic) Protective Coatings
SOW	Statement of Work
SSPC	Steel Structure Painting Council
TA	Technical Authority
TBD	To Be Determined
VCDS	Vice Chief of the Defence Staff

3. Applicable Documents and Product NSNs

3.1 The following specifications and standards form part of this Statement of Work to the extent specified herein. Copies of these documents are available online from the US Department of Defense web site at http://quicksearch.dla.mil/ or from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.

Specification	NSN	Description
MIL-DTL-53072	N/A	Detail Specification Chemical Agent Resistant Coating (CARC) System Application Procedures and Quality Control Inspection
DOD-P-15328	8030-00-281-2726	Primer (Wash), Pre-treatment (Formula 117 For Metals) (Metric) (*NSN for 1 US Gal size kit*)
TT-C-490 Type III	8030-00-281-2726	Chemical Conversion Coatings and Pretreatments for Ferrous Surfaces (Base for Organic Coatings) (*NSN for 1 US Gal size kit*)
AMS-STD-595	N/A	Colors Used in Government Procurement
MIL-DTL-53022 Type IV	8010-01-589-7077	Primer, Epoxy Coating, (Enhanced) Corrosion Inhibiting, Lead and Chromate Free (*NSN for 1.25 US Gal size kit*)

MIL-DTL-53022 Type V	8010-01-610-7329	Primer, Epoxy Coating, (Enhanced) Corrosion Inhibiting, Lead and Chromate Free (*NSN for 6X250 ml aerosol can kits*)
MIL-PRF-32348 Type I Class I with a maximum of 45 Gloss Units at 60°	8010-01-592-0167 8010-01-620-2690	Primer, Powder Coating, Corrosion Inhibiting (*NSN for 50 pound bag, colour #26622 or #27875 with a maximum Gloss level of 45 Gloss Units as determined by ASTM D523 at a 60° geometry*)
ASTM D 523	N/A	Standard Test Method for Specular Gloss
MIL-PRF-24667 Type I, II or IV, Composition G	~~8010-01-~~ TBD 8010-01-397-3806	Coating System, Non-Skid, for Roll, Spray or Self-Adhering Application (*NSN for 5 US Gal kit*)
MIL-DTL-64159 Type II	8010-01-493-3169 8010-01-493-3170 8010-01-493-3177 8010-01-493-3179	Coating, Water Dispersible Aliphatic Polyurethane, Chemical Agent Resistant (*NSNs are for 0.75 and 3 US Gal size colour green #34094 and tan #33446*)
MIL-DTL-64159 Type III	8010-01-596-7862 8010-01-596-7859 ~~8010-01-644-2659~~ 8010-01-596-7855	Coating, Water Dispersible Aliphatic Polyurethane, Chemical Agent Resistant (*NSNs are for 30 mL kit colour green #34094, for 30 mL kit colour tan #33446 and for 30 mL kit colour black #37030 respectively*)
MIL-PRF-22750 Type II Class H Grade B	8010-01-419-1164	Performance Specification, Coating, Epoxy, High Solids, Interior Use Only (*NSN is for 1 US Gal kit colour white #17925*)
MIL-PRF-32348 Type II Class I	8010-01-605-5413	Primer Powder Coating with no finish coating for interior use only, Chemical Agent Resistant (*50 pound bag, colour white #17925*)
MIL-PRF-32348 Type III Class I	TBD	Powder Coating Camouflage Chemical Agent Resistant Finish (*50 pound bag, colour green #34094*)
MIL-PRF-32348 Type III Class I	TBD	Powder Coating Camouflage Chemical Agent Resistant Finish (*50 pound bag, colour tan #33446*)
MIL-PRF-32348 Type IV Class I	8010-01-610-2410	Powder Topcoat, Ammunition Container Chemical Agent Resistant Coating (*NSN for 50 pound bag, colour green #34079*)
MIL-PRF-32348 Type IV Class I	8010-01-610-2413	Powder Topcoat, Ammunition Container Chemical Agent Resistant Coating (*NSN for 50 pound bag, colour Tan #33446*)
TSP	7930-20-A0H-0013	Tri-Sodium Phosphate (*1 pound container*)
Acetone	6810-21-878-4860	Acetone Technical (*1 Liter container*)

4. Requirements

4.1 A CARC system shall be applied on the interior and exterior surfaces of the Canadian Army operational vehicles/equipment in conformance with the following descriptions.

4.1.1 Cleaning

4.1.1.1 All parts shall be cleaned immediately before surface preparation. Prior to surface preparation, all surfaces shall be freed of corrosion or soil contaminants such as grease, oil, welding flux, scale, dirt, adhesives or other foreign matter that may interfere with surface preparation, treatment or coating. For this purpose use a hot alkaline cleaning by immersion, spray or vapour process and/or appropriate organic solvent(s) as per MIL-DTL-53072 (latest edition).

4.1.1.2 Precautions shall be taken to ensure that surfaces remain clean and dry until they are pre-treated, primed and topcoated.

4.1.2 Surface Preparation

4.1.2.1 Heavy metal parts shall be processed by abrasive grit blast to a white metal SSPC-SP-5 surface finish to impart a profile of 38 to 50 microns (1.5 to 2 mils). Lighter delicate metal parts that cannot withstand aggressive grit blasting without warping shall be processed in accordance with paragraph 4.1.2.2. For non-metallic parts surface preparation, perform a uniform scuffing of the surface with a 180 grit abrasive media. Dust-off surfaces.

4.1.2.2 For delicate metal parts surface preparation, perform an abrasive grit blast cleaning to a white metal SSPC-SP-5 surface finish imparting to the substrate a profile of 13 microns. Dust-off surfaces.

4.1.3 Surface pre-treatment

4.1.3.1 Metal parts and non-metallic parts surfaces prepared as per paragraph 4.1.2.1 above do not require pre-treatment.

4.1.3.2 Delicate metal part surfaces prepared as per paragraph 4.1.2.2 above shall receive an organic pre-treatment (wash primer) coating meeting the requirements of specification TT-C-490 type III (DOD-P-15328) (latest edition).

4.1.4 Primer

4.1.4.1 A liquid primer coating meeting the requirements of specification MIL-DTL-53022 Type IV (latest edition), Epoxy Coating, Enhanced Corrosion Protection or a powder primer coating, Corrosion Inhibiting meeting the requirements of specification MIL-PRF-32348 Type I Class I (latest edition) with a maximum Gloss level of 45 Gloss Units as determined by ASTM D523 at a 60° geometry shall be applied to all surfaces that need to be coated. These primers shall be applied to a dry film thickness (DFT) as recommended by the manufacturer technical data sheet or specifically for MIL-DTL-53022 Type IV (latest edition) when applied direct to metal (i.e. w/o pre-treatment), a DFT of 50 to 63 microns shall be achieved when measuring the DFT of the primers over the highest peaks of the profile. For interior surfaces see also para 4.1.6.2.ii.

WARNING: Powder primer coatings requiring a cure temperature above 180°C **shall not** be used on composite materials or parts pre-treated with TT-C-490 Type III.

4.1.5 Non-Skid Surface

4.1.5.1 Apply, as per manufacturer's instructions a non-skid coating meeting the requirements of specification MIL-PRF-24667 Type I, II, or IV, Composition G, (latest edition) colour #36076 (dark grey) in accordance with AMS-STD-595 (latest edition) to surface areas intended as walk-on surfaces.

WARNING: Products qualified to MIL-PRF-24667 Type I, II, or IV, Composition G are applied in a relatively thick coat and contain solvents that will negatively affect the adhesion of the primer MIL-DTL-53022 Type IV if applied too soon i.e. before the primer "Dry Hard" condition has been reached. Therefore, the non-skid product shall be applied no sooner than the dry hard condition of the primer and its dry hard condition must be reached within a period of time that will allow for the application of the topcoat within 24 hours of the application of the primer.

4.1.6 Topcoats

4.1.6.1 Exterior surfaces

A liquid polyurethane topcoat meeting the requirements of specification MIL-DTL-64159 Type II (latest edition) or a finish powder coating meeting the requirements of MIL-PRF-32348 Type III Class I, colour #34094 (flat green) as per AMS-STD-595 (latest edition) shall be applied to exterior surfaces including exterior walk-on surface areas having non-skid coating.

WARNING: Powder coatings requiring a cure temperature above 180°C **shall not** be applied over composite materials, MIL-PRF-24667 Type I, II, or IV, Composition G non-skid or MIL-DTL-53022 Type IV epoxy based coatings.

4.1.6.2 Interior surfaces

i. An epoxy topcoat meeting the requirements of specification MIL-PRF-22750 Type II, Class H, Grade B (latest edition), colour #17925 (gloss white) as per AMS-STD-595 (latest edition) shall be applied to interior surfaces including walk-on surface areas with non-skid coating.

ii. Powder primers that do not require a finish coating and meeting the requirements of MIL-PRF-32348 Type II Class I (latest edition), colour #17925 (gloss white)

as per AMS-STD-595 (latest edition) intended for direct to metal in a single application can also be used on interior surfaces.

WARNING: Powder primer coatings requiring a cure temperature above 180°C **shall not** be applied over composites or MIL-PRF-24667 Type I, II, or IV, Composition G non-skid epoxy based coatings.

4.1.6.3 Interior surfaces of parts that could be directly exposed to chemical agents such as hatches, ramps and doors shall be coated as per paragraph 4.1.6.1 above.

WARNING: The topcoats shall not be applied before the “Dry Hard” condition of the non-skid material has been reached and shall be applied within 24 hours after the application of the primer. There shall be no walking on non-skid surfaces for a period of 7 days to allow full cure of the coating system.

4.1.7 Marking and Touch-Up

4.1.7.1 Marking

4.1.7.1.1 Markings identifying the vehicle/equipment information, the flag, numbering and lettering shall be performed with a touch-up coating kit meeting MIL-DTL-64159 Type III (latest edition) and AMS-STD-595 (latest edition) colour #37030 (flat black). Markings shall be applied directly over the CARC system topcoat following its cleaning, if required, with a 2% weight TSP in potable water solution followed by a potable water rinse and then an acetone wipe & dry.

4.1.7.2 Touch-Up

4.1.7.2.1 For defects or damages to the CARC system that expose the substrate it is required to clean the area to be reworked; for this purpose use a 2% weight TSP in potable water solution followed by a potable water rinse and then an acetone wipe & dry. For metallic components it is then required to remove rust or corroded metal by sanding using an 80 grit paper or a mechanically driven steel brush (if a steel brush is used it will be required to clean again the surface as described above). For composite materials, hand-scuff using a 180 grit paper. Remove sanding dust with a clean dry paint brush and apply a coat of primer meeting the requirements of specification MIL-DTL-53022 Type V (latest edition); feather-in with the existing primer. Touch-up of the topcoat shall be performed (at the dry-to-touch condition of the touch-up primer) with a touch-up coating kit meeting MIL-DTL-64159 Type III (latest edition) and AMS-STD-595 (latest edition) colour #34094 (flat green); feather-in with the existing topcoat.

4.1.7.2.2 For defects or damages to the CARC system that expose the primer it is required to clean the area to be reworked; for this purpose use a 2% weight TSP in potable water solution followed by a potable water rinse and then an acetone wipe & dry. Hand-scuff the

primer and surrounding topcoat using a 180 grit scuffing paper. Touch-up of the topcoat shall be performed with a touch-up coating kit meeting MIL-DTL-64159 Type III (latest edition) and AMS-STD-595 (latest edition) colour #34094 (flat green); feather-in with the existing topcoat.

4.2 Selection of Materials, Mixing and Application

4.2.1 Materials used shall be selected from the applicable qualified products list (QPL/QPD) and shall be mixed and applied as per the manufacturers' Technical Data Sheet (except for MIL-DTL-53022 Type IV (latest edition) DFT when applied direct to metal (see para 4.1.4.1)). The brand name and QPL/QPD number of the materials used shall be reported to the Technical Authority/Project Configuration Manager for CAF configuration, health, and safety purposes after acceptance of First Article Test Report.

4.3 Special Measures for Equipment Manufacturers/Painting Contractors

4.3.1 In any instance where the CARC system specified herein interferes with the design features of specific components that are key to the operation of the equipment, it is the manufacturer's responsibility to identify and propose a suitable alternative coating system having high chemical agent resistance and corrosion protection properties. The identified alternative coating system, if endorsed by the Canadian Army PC TA, shall be used only upon receiving approval from the Commander Canadian Army (thru Chief of Staff Army Strategy) to waive the CBRN hardening policy. The brand name of the approved alternative coating system materials shall be reported to the Technical Authority/Project Configuration Manager for Canadian Army configuration, health and safety purposes.

4.3.2 Deviations from CARC products and application processes identified herein as well as deviations from the product manufacturer Technical Data Sheet must be reported to the PC TA of the Canadian Army for his evaluation and approval.

5 DND Project Authority responsibilities

5.1 Message CANARMYGEN 005-15 01 01 291300Z APR 15 PP UUU issued under authority of the VCDS establishes applicable paint policies as per CAO 21-04 dated Jun 2014 (DLR/DGLEPM). The CAO indicates that all Canadian Army operational vehicles and equipment shall be painted monochromatic matt green on the exterior and monochromatic gloss white on the interior except for hatches, ramps and doors that will be painted monochromatic matt green on the inside. Markings shall be painted in matt black.

5.2 Request to waive CAO 21-04 policy for the painting of the Canadian Army equipment must be authorized by the Commander Canadian Army (thru DLR). The identification of colours matt beige #33446 and matt green #34079 in this SOW, colours diverging from the Canadian Army standard external coating colour matt green #34094, is for information purposes only.

ANNEX G

TECHNICAL EVALUATION CRITERIA

1. MANDATORY TECHNICAL EVALUATION CRITERIA

Bidder's Instructions:

The evaluation of mandatory technical criteria is stringent. The Bidder must address each of the mandatory technical criteria specified. Bids must pass all the mandatory criteria. Failure to meet all mandatory criteria will result in the bid being deemed non-responsive, and be given no further consideration.

The Bidder to identify the cross reference page(s) and paragraph(s) in their bid, which demonstrates that they meet each of the specified mandatory technical criteria, in the column provided in Table 1 below.

TABLE 1

Item	Mandatory Technical Criteria	Cross Reference Paragraph / Page # in Bidder's Proposal
M1	**Contractor Experience** The Bidder must provide a narrative that clearly demonstrates the company and facilities at which the work will be performed has a minimum of two (2) years within the last five (5) years of continuous experience including contracts for work on 2.0 – 60 KW Generators and related equipment, or Repair and Overhaul (R&O) contracts with military projects. The Bidder must provide the contract number, title, short work description, and dollar value for the cited past experience.	
M2	**Quality Assurance** The Bidder must provide either: a) a copy of a Quality Assurance Plan, with references to Quality Assurance Procedures, detailing how the work, including subcontractors, will be monitored for adherence to contract quality assurance requirements as detailed in ISO 9001/2015, **or** b) a copy of the Bidder's ISO 9001/2015 Certification.	
M3	**Hazardous Material** The Bidder must handle, transport, and dispose of all waste and hazardous waste generated as a result of the	

	Contract in accordance with current Federal and Provincial environmental legislation. The Bidder must provide a copy of, Hazardous Material Certification, WHIMIS Certification, and ISO 9001/2015 Certification or equivalent.	
M4	**Configuration Management** The Bidder must provide a Configuration Management (CM) Plan demonstrating how they intend to manage the configuration of 2.0-60 KW Generators, Distribution Boxes, Load Banks and related equipment. The CM plan addresses the four aspects of configuration management and how it will be handled for the R&O contract, including organization, responsibilities, reports and control.	
M5	**Technical Data Management** The Bidder must demonstrate the capability to manage and update technical data for the contract. The Bidder must have technical data capability and a CAD system either in house or through an identified sub-contractor. The Bidder must have at least two (2) years of cumulative experience in the last five (5) years in production of technical data for various contracts (either in-house or subcontracted). The Bidder must identify the specific contracts (i.e. the contract number, title, short work description, and dollar value) and detail the technical data work performed under these specific contracts for the cited experience.	
M6	**Risk Management Plan** The Bidder must provide a risk management plan that addresses the risks inherent in the program, and includes a risk assessment, risk prioritization and risk mitigation strategies. The plan must include how the risks will be managed through the contract and the frequency of updates. Additionally, the Bidder provides an example risk mitigation plan currently implemented on another R&O project.	
M7	**Logistical Procedures** The Bidder must demonstrate specifically in a narrative that their company has the ability to meet, or is performing, or has performed all procedures applicable to the contract in accordance with A-LM-184-001/SJ-001. The Bidder must provide the contract number, title, short work description, and dollar value for the cited past experience and current experience.	

2. POINT RATED TECHNICAL EVALUATION CRITERIA

Bidder's Instructions

The Bidder will be evaluated and scored in accordance with the following point rated technical criteria. It is suggested that Bidders address these criteria in sufficient detail in their bids. In addition, Bidders must provide a "Cross Reference" index that identifies the paragraphs and page numbers associated with each criterion.

Scoring Methodology for Point Rated Technical Criteria
(Total Point Rated Technical Criteria Points = 100 POINTS MAXIMUM)

Bidder's technical proposal must:

1) Achieve a minimum of 70% of the overall points (i.e. min 70 of 100 points); and
2) Meet the minimum points for EACH point rated criteria.

Bids which fail to achieve less than 70% of the overall points and / or fail to meet the minimum points of each rated criteria will be considered non-compliant.

2.1 Item 1: Contractor Qualification Requirements (max 25 points / min 10 points)

The Bidder must provide a list of all personnel with specific qualifications and experience who will perform work under the Contract, a Curriculum Vitae (CV) must be included as substantiation for each named individual in-house or subcontracted. If personnel are subcontracted, the Bidder must have experience with the Subcontractor supported by at least one (1) year within the last five (5) years of cumulative contracts. The following are the minimum experience levels to be considered within the rated criteria:

2.1.1 Technician:

a) A CV demonstrating an in-house position with a minimum of three (3) years within the last five (5) years of cumulative experience, relevant training and expertise relating to repair and overhaul of 2.0-60 kW Generators, Distribution Boxes, Load Banks and Related Equipment.
b) The license number or copy of certification of the licensed technician(s) including: the Canadian Council of Technicians and Technologists (CCTT) license or provincial equivalent.

2.1.2 Professional Engineer:

a) Professional Engineer is defined as an Engineer registered with the licensing and regulating body for engineering in a province of Canada, and holds a permit to practice engineering in that province, and is in good standing with the licensing and regulating body. The Bidder must provide the permit number or copy of certification of the Professional Engineer (in house or subcontractor).
b) A CV demonstrating a minimum of two (2) years within the last (5) years of cumulative experience working on R&O contracts as an Engineer.

2.1.3 Shop Foreman:

a) A CV demonstrating an in-house position with a minimum of two (2) years within the last eight (5) years of in-house cumulative experience working on R&O contracts as a Shop Foreman.

2.1.4 Draftsman:

a) A CV demonstrating a minimum of two (2) years within the last five (5) years of cumulative experience working on R&O contracts as a Draftsman.

2.1.5 Technical Writer:

a) A CV demonstrating a minimum of two (2) years within the last five (5) years of cumulative experience working on R&O contracts as a Technical Writer.

2.1.6 Quality Assurance Personnel:

a) A CV demonstrating a minimum of two (2) years within the last five (5) years of in-house cumulative experience working on R&O contracts in a Quality Assurance position.

Scoring Grid for Item 1

1.	-The technical staff includes at least one (1) licensed technician in the mechanical field registered with the CCTT or provincial equivalent. - At least one (1) in –house Quality Assurance position. - Access to at least one (1) Professional Engineer when required.	**10**
2.	-The technical staff includes at least one (1) licensed technician in the mechanical field registered with the CCTT or equivalent. -The technical staff includes at least one (1) licensed technician in the electrical field registered with the CCTT or equivalent. - At least one (1) in –house Quality Assurance position. - Access to at least one (1) Professional Engineer when required.	**15**
3.	-The technical staff includes at least one (1) technician in the mechanical field registered with the CCTT or equivalent. -The technical staff includes at least one (1) licensed technician in the electrical field registered with the CCTT or equivalent. -The staff also includes a Shop foreman, with a minimum of five (5) years of experience and at least one (1) year of supervisory experience relating to R&O contracts. - At least one (1) in –house Quality Assurance position. - Access to at least one (1) Professional Engineer when required.	**20**
4.	- The technical staff includes at least one (1) technician in the mechanical field registered with the CCTT or equivalent. - The technical staff includes at least one (1) licensed technician in the electrical field registered with the CCTT or equivalent. - The staff also includes a Shop foreman, with a minimum of five (5) years of experience and at least one (1) year of supervisory experience relating to R&O contracts.	**25**

	- At least one (1) in –house Quality Assurance position. -At least one (1) technical writer able to produce electronic manuals, technical drawings and other engineering documentation when required. - The engineering staff includes at least one (1) Professional Engineer in house.	

2.2 Item 2: Organization Responsibilities (max 10 points / min 4 points)

The Bidder must provide a list of organizational roles and responsibilities related to this contract and name a Project Manager as the single point of contact for the project. A CV for the Bidder's Project Manager must be provided.

Scoring Grid for Item 2

1.	The Bidder provides the company organizational chart and identifies a Project Manager with a minimum of two (2) years of cumulative experience within the last five (5) years in R&O contracts.	**4**
2.	The Bidder provides the company organizational chart and identifies a Project Manager with a minimum of three (3) years of cumulative experience in R&O contracts within the last five (5) years.	**7**
3.	The Bidder provides the company organizational chart and identifies a Project Manager with a minimum of four (4) years of cumulative experience in R&O contracts within the last eight (5) years of which two (2) years have been in military R&O projects.	**10**

2.3 Item 3: Cost and Control (max 15 points / min 3 points)

The Bidder must provide a narrative demonstrating how R&O costs and schedules will be controlled and how modifications and additional tasks /work will be validated by the TA/LCMM prior, in accordance with Annex B – Logistics SOW.

Scoring Grid for Item 3

1.	The Bidder provides details of: -the interrelationship between the company cost accounting system and the cost control system.	**3**
2.	The Bidder provides details of: -the interrelationship between the company cost accounting system and the cost control system; and -how cost and schedule control of the contracted tasks will be met and managed.	**7**
3.	The Bidder provides details of: -the interrelationship between the company cost accounting system and the cost control system; - how cost and schedule control of the contracted tasks will be met and managed; and -the interrelationship between the tasks and various role of personnel involved in the cost control process.	**11**
4.	The Bidder provides details of: -the interrelationship between the company cost accounting system and	**15**

	the cost control system; -how cost and schedule control of the contracted tasks will be met and managed; -the interrelationship between the tasks and various role of personnel involved in the cost control process; and -their capability to collect and segregate actual costs on a real-time basis.	

2.4 Item 4: Facility (max 25 points / min 10 points)

The Bidder must identify their owned/leased facilities and location where the work will be performed. Provide description, size and layout of work areas, storage facilities and a list of machinery, repair, tooling and test equipment that will be available for work to be performed. One (1) unit of storage capability will be defined as 60 sq. ft. of floor space with load capacity of three (3) metric tons.

The Bidder to demonstrate compliance with Environmental Health and Safety Act for environmental control related to ventilation, exhaust, and heating in a R&O facility.

Scoring Grid for Item 4

1.	The Bidder provides a facility area of minimum 800 sq. ft. to 999 sq. ft. and a minimum list of machinery and equipment capable of performing the following tasks: - precision metal machining; - welding capability for repairing and fabricating with stainless steel, aluminum and steel; - precision metal drilling; - Storage capability for incoming and outgoing skid mounted and trailer mounted generators (minimum 10 units) and Spare parts; - special tools and test equipment to perform the specified acceptance test procedure; and - Environmental control (ventilation, exhaust and heating) to comply with Environmental Health and Safety Act.	**10**
2.	The Bidder provides a facility area of minimum 1000 sq. ft. to 4999 sq. ft. and has a minimum list of machinery and equipment capable of performing the following tasks: - precision metal machining and surface milling; - welding capacity for repairing and fabricating with stainless steel, aluminum and steel; - precision metal drilling; - Storage capability for incoming and outgoing skid mounted and trailer mounted generators (minimum 15 units) and Spare parts; - special tools and test equipment to perform the specified acceptance test procedure; and - Environmental control (ventilation, exhaust and heating) to comply with Environmental Health and Safety Act.	**15**
3.	The Bidder provides a facility area of 5000 sq. ft. or greater and has a minimum list of machinery and equipment capable of performing the	**20**

	following tasks: - precision metal machining, surface milling and Computer Numerically Controlled (CNC) milling; - welding capacity for repairing and fabricating with stainless steel, aluminum and steel; - precision metal drilling; - Storage capability for incoming and outgoing generators (minimum 25 units) and spare parts; - special tools and test equipment to perform the specified acceptance test procedure; and - Environmental control (ventilation, exhaust and heating) to comply with Environmental Health and Safety Act.	
4.	The Bidder provides a facility area of 5000 sq. ft. or greater and has a minimum list of machinery and equipment capable of performing the following tasks: - precision metal machining, surface milling and Computer Numerically Controlled (CNC) milling; - welding capacity for repairing and fabricating with stainless steel, aluminum and steel; - precision metal drilling; - Storage capability for incoming and outgoing generators (minimum 50 units) and spare parts; - Diagnostic equipment for testing diesel engines; - performing in-house CARC painting; - special tools and test equipment to perform the specified acceptance test procedures; and - Environmental control (ventilation, exhaust and heating) to comply with Environmental Health and Safety Act.	**25**

2.5 Item 5: Production Capability (max 25 points / min 9 points)

The Bidder must provide a written production plan which outlines the startup, production, ordering of parts and corresponding time required for each task from time of contract award. The production plan must demonstrate the routine 60 calendar day turnaround time (TAT) from the date the equipment is received to the date the equipment is reported serviceable, after successful completion of the Acceptance Test Procedures.

The Bidder must provide a narrative to indicate how they intend to monitor the R&O process to ensure the routine TAT is met throughout the contract. The Production Plan must show the process of how each operation is to be conducted (Bidders may choose to submit a flow chart in the explanation). The Bidder may also provide specific examples from past experience demonstrating procedures for handling urgent requirements. These may include priority repair requests (PRR) and workload surges while adhering to the TAT.

Scoring Grid for Item 5

1.	The Bidder provides a production management plan, and: - explanation of the process and how each operation is executed and the respective organizational responsibilities.	**9**

2.	The Bidder provides a production management plan, and: - explanation of the process and how each operation is executed and the respective organizational responsibilities; - the production plan details procedures for handling urgent requirements including priority repair requests (PRR); and - the Bidder provides a specific example from past experience demonstrating procedures for handling urgent requirements including PRRs.	**18**
3.	The Bidder provides a production management plan, and: - explanation of the process and how each operation is executed and the respective organizational responsibilities; - the production plan details procedures for handling urgent requirements including priority repair requests (PRR); - the production plan details of procedures in place for handling workload surges while continuing to meet TAT; and - the Bidder provides specific examples from past experience demonstrating procedures for handling urgent requirements including PRRs and workload surges while adhering to the TAT.	**25**