

RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Bid Receiving
PWGSC
33 City Centre Drive
Suite 480
Mississauga
Ontario
L5B 2N5
Bid Fax: (905) 615-2095

Revision to a Request for a Standing Offer

Révision à une demande d'offre à commandes

Regional Individual Standing Offer (RISO)

Offre à commandes individuelle régionale (OCIR)

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

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

Comments - Commentaires

Vendor/Firm Name and Address

Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Public Works and Government Services Canada
Ontario Region
33 City Centre Drive
Suite 480
Mississauga
Ontario
L5B 2N5

Title - Sujet REFRIGERATION SERVICES		
Solicitation No. - N° de l'invitation W7719-125081/A		Date 2012-08-23
Client Reference No. - N° de référence du client W7719-125081		Amendment No. - N° modif. 001
File No. - N° de dossier TOR-1-34017 (016)	CCC No./N° CCC - FMS No./N° VME	
GETS Reference No. - N° de référence de SEAG PW-\$TOR-016-5983		
Date of Original Request for Standing Offer		2012-08-02
Date de la demande de l'offre à commandes originale		
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2012-08-30		Time Zone Fuseau horaire Eastern Standard Time EST
Address Enquiries to: - Adresser toutes questions à: Yari, Helen		Buyer Id - Id de l'acheteur tor016
Telephone No. - N° de téléphone (905) 615-2081 ()	FAX No. - N° de FAX (905) 615-2060	
Delivery Required - Livraison exigée		
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:		
Security - Sécurité This revision does not change the security requirements of the Offer. Cette révision ne change pas les besoins en matière de sécurité de la présente offre.		

Instructions: See Herein

Instructions: Voir aux présentes

Acknowledgement copy required	Yes - Oui	No - Non
Accusé de réception requis	<input type="checkbox"/>	<input type="checkbox"/>
The Offeror hereby acknowledges this revision to its Offer. Le proposant constate, par la présente, cette révision à son offre.		
Signature	Date	
Name and title of person authorized to sign on behalf of offeror. (type or print) Nom et titre de la personne autorisée à signer au nom du proposant. (taper ou écrire en caractères d'imprimerie)		
For the Minister - Pour le Ministre		

This Revision 001 is issued to amend as follows:

On Annex A, Statement of Work

Under - 1.1 Description of Work

Delete: 1.1.1 in its entirety.

Insert:

- 1.1.1 Work under this standing offer covers the provision of all necessary supervision, labour, materials, tools, equipment and transportation to carry out refrigeration service projects involving the maintenance, repair, and upgrade for research chillers including but not limited to the Altitude Chamber Chiller, UTF Chiller, Hot & Cold Chambers # 3 and # 4; and the research chiller for DRF; and the chiller for the Swimming Flume. Refrigeration services include the provision of a licensed Refrigeration Service Mechanic. Service is required on an "as and when requested basis" during the period of the standing offer. The specified DRDC Toronto facilities are all rated for human experimentation. All Work shall be performed by fully qualified trade persons.

All Work shall be subject to the Site Authority's inspection, approval and acceptance. Licenses must be provided upon request.

Replace Annex A, Statement of Work with attached Annex A, Statement of Work, Revision 1

ANNEX A

STATEMENT OF WORK - REVISION 1

PART 1-GENERAL

1.1 Description of Work

- 1.1.1 Work under this standing offer covers the provision of all necessary supervision, labour, materials, tools, equipment and transportation to carry out refrigeration service projects involving the maintenance, repair, and upgrade for research chillers including but not limited to the Altitude Chamber Chiller, UTF Chiller, Hot & Cold Chambers # 3 and # 4; and the research chiller for DRF; and the chiller for the Swimming Flume. Refrigeration services include the provision of a licensed Refrigeration Service Mechanic. Service is required on an "as and when requested basis" during the period of the standing offer. The specified DRDC Toronto facilities are all rated for human experimentation.

All Work shall be performed by fully qualified trade persons. All Work shall be subject to the Site Authority's inspection, approval and acceptance. Licenses must be provided upon request.

- 1.1.2 The Contractor must also provide twenty-four hour emergency service with a three (3) hour response time or less to the Work site upon call-up for emergencies. An emergency refers to a situation where the unforeseen failure or malfunction of equipment or systems could result in imminent danger to life, health, environment or property (including the compromise of human subjects and experimental data) if not promptly repaired.

Non-emergency work shall be provided within 3 days from date of call-up.

- 1.1.3 All Work must be initiated on an "as requested" demand basis authorized through a call-up by the Site Authority or representative thereof.
- 1.1.4 Upon contract award, the contractor must document the mechanical systems associated with applicable research facilities with particular attention to changes since installation. The contractor must maintain document and drawing currency throughout the duration of the contract.

1.2 Site of Work

- 1.2.1 Work must be required at the following Department of National Defence (DND) site:
DRDC Toronto, 1133 Sheppard Avenue West, P.O. Box 2000, Toronto, Ontario M3M 3B9

1.3 Work Excluded

- 1.3.1 The work under this contract is restricted to Research & Development facilities only. Common plant mechanical, electrical and plumbing equipment and systems are excluded from this contract.

PART 2- PRODUCTS

2.1 Materials

- 2.1.1 All materials and equipment used or installed under this RISO must be new and no less than equal to existing in design and quality.
- 2.1.2 Electrical and mechanical equipment must meet the relevant standards of CSA and ULC as applicable.

- 2.1.3 If, in an emergency, the Contractor installs parts other than those specified, the Contractor must replace them with the specified parts before claiming payment. No claim for other than specified parts must be made.

PART 3- METHOD OF WORK

3.1 Working Hours

- 3.1.1 Work under this Standing Offer must be executed within regular DRDC Toronto work hours (i.e., 7 am. to 4 p.m., Monday through Friday), with the exception of authorized emergency work which must be attended to within three (3) hours of notification. Where the Contractor voluntarily elects to work outside these specified hours, the contractor must first obtain the approval of the Site Authority or representative thereof, and the consent of any occupants or users (as may be appropriate). The Contractor must conduct all work in a manner that causes a minimum of inconvenience to such occupants and/or users, or interruption to Centre operations.

3.2 Interpretation of Drawing

- 3.2.1 The Contractor must physically check all relevant dimensions shown on drawings or sketches with on-site measurements before proceeding with the work.
- 3.2.2 The layout of plant and equipment as shown on drawings must be taken as diagrammatic only and all measurements and other information required to carry out the work must be physically obtained by the Contractor on the work site. The Contractor will not be entitled to any extra cost resulting from the failure to obtain measurements and other relevant information on the work site.

3.3 Existing Services

- 3.3.1 The Contractor must notify the Site Authority or representative thereof, to obtain permission prior to the connection, disconnection, interference or other modification required with or to existing Site services. Any interruptions caused by the connection, disconnection, interference or other modification must be made with the least possible disruption to building occupants and operations.
- 3.3.2 The Contractor must exercise extreme care when excavating so that no damage occurs to underground installations and services. The Contractor must, before work commences, liaise with the Site Authority or representative thereof, regarding the location of existing services. It is however, the responsibility of the Contractor to contact relevant authorities (e.g., gas, hydro, telephone) to locate services. The Contractor must provide a copy of the clearance and obtain permission from the Site Authority or representative thereof, prior to starting any excavations.
- 3.3.3 The Contractor must immediately notify the Site Authority or representative thereof in the event of damage to any water, gas, steam, compressed air, electric, drainage, sewage, telephone, fire alarm, control cable or other services in the area. The Contractor must render any assistance required in connection with any such incident, but otherwise work in that vicinity must be stopped immediately and not be restarted until instructed by the Site Authority or representative thereof.
- 3.3.4 Where the service is indicated on the drawings and/or in the specifications, Scope of Work, or is evident on the Site or has been pointed out by the Site Authority or representative thereof, or other utility authority, the Contractor will be liable for the cost of any necessary repairs.
- 3.3.5 Where the Contractor encounters any services, details of which are not given on the drawings and/or in the specifications, and which are not evident on the Work site as a result of Locator Services, and has carried out operations with reasonable care and caution, the cost of reinstatement, diversion or other associated Work will be paid to the Contractor as an extra to the Standing Offer. The Contractor will be responsible to advise and provide a cost estimate in writing to the Site Authority or representative thereof, and the Contractor must obtain concurrence in writing from the Site Authority or representative thereof, before proceeding with any reinstatement, diversion or other associated Work.

3.4 Examination of Work

- 3.4.1 If, at any time after the commencement of the Work but prior to the expiry of the Warranty or Guarantee period, the Site Authority or representative thereof, has reason to believe that the Work or any part thereof has not been performed in accordance with the Standing Offer, the Site Authority or representative thereof, may have that Work examined by an expert of choice.
- 3.4.2 If, as a result of an expert examination of the Work referred to in Para 3.5.1, it is established that the Work was not performed in accordance with the Standing Offer, then, in addition to and without limiting or otherwise affecting any of Her Majesty's rights and remedies under the Standing Offer, either at law or in equity, the Contractor will pay Her Majesty, on demand, all reasonable costs and expenses that were incurred by Her Majesty in having that expert examination performed.

3.5 Cooperation with Other Contractors' or Workers

- 3.5.1 Where, in the opinion of the Site Authority or representative thereof, it is necessary that other Contractors or Workers be sent onto the Work site, the Contractor must, at the discretion of and to the satisfaction of the Site Authority or representative thereof, allow them access and cooperate with them in the carrying out of their duties and obligations.

3.6 Unsuitable Workers

- 3.6.1 The Contractor must, upon the verbal request of the Site Authority or representative thereof, immediately remove any person employed by the Contractor for purposes of the Standing Offer, who, in the opinion of the Site Authority, is unqualified, incompetent or has conducted him/herself improperly in any manner (noting DND has a zero tolerance harassment policy). The Contractor will not permit a person who has been removed to return to any DND Work site.

3.7 Contractor's Competence

- 3.7.1 All work must be carried out in a neat and competent manner by certified and fully qualified tradespersons and/or helpers or apprentices supervised on the Work site by certified and fully qualified tradespersons, using suitable good quality materials and equipment that are acceptable to the Site Authority or representative thereof.
- 3.7.2 Province of Ontario trades certification and licenses must be valid at all times. All Refrigeration Mechanics must have a valid Ozone Depletion Prevention (ODP) card. The contractors must maintain a copy of this information on file and will allow the DRDC Toronto Site Authority to inspect these files on an as requested basis.
- 3.7.3 All Work will be subject to the Site Authority's inspection, approval and acceptance.

3.8 Test and Inspections

- 3.8.1 The Contractor must arrange for all tests and inspections required by relevant laws and regulations to be carried out at the appropriate time by the relevant regulatory authority and will provide the Site Authority or representative thereof with a copy of proof of the test or inspection carried out.

3.9 Matching Existing Work

- 3.9.1 Where the method of joining up of existing (old) and new Work is not otherwise specified, the cutting away and/or joining up must be carried out to the complete satisfaction of the Site Authority or representative thereof, and Work made good in all trades to match the existing (old) adjacent Work.

3.10 Acceptance of the Work

- 3.10.1 Upon completion of the Work, the Contractor must immediately hand over to the Site Authority or representative thereof, all warranties, drawings, sketches, shop drawings, manuals, test and inspection reports, labeled keys and any other pertinent information resulting from the Work.

3.11 Power Outages

- 3.11.1 The Contractor must notify the Site Authority or representative thereof, in writing, forty-eight (48) hours prior to any proposed interruptions or switching off of electricity supply, stating the date, expected duration of the shutdown and equipment affected. No electricity will be switched off prior to receiving written approval from the Site Authority, except where the safety of any person(s) or property would otherwise be at risk. The Contractor will be responsible for any loss or damage to DND property or goods caused by unauthorized interruptions to power supply.

3.12 Responsibility and Protection of Buildings

- 3.12.1 The Contractor must take reasonable care to protect internal furnishings, equipment and fittings of Centre buildings. Clean drop sheets, or other appropriate covering, must be used to protect furniture, carpets, and other infrastructure.
- 3.12.2 The Contractor must move furniture and equipment (excluding computer and specialized laboratory equipment) as necessary for the performance of the Standing Offer, as stipulated by the Site Authority or representative thereof. The building occupants may agree to assist but the Contractor is responsible in the first instance for removal and replacement of furniture and equipment as directed by the Site Authority or representative thereof.

3.13 Protection against Dust, Debris, Water Etc.

- 3.13.1 Where the Work is carried out in occupied or partially occupied areas, the Contractor must arrange the execution of the Work so as to minimize nuisance to the occupants. The occupants and contents of the occupied space are to be protected against unreasonable amounts of dust, dirt, noise or other nuisance. Installed equipment must be protected against damage by dust, dirt, shock or other cause, and appropriate measures are to be taken to afford such protection. Dust screens and watering where appropriate must be used to reduce dust.

3.14 Fire Safety Requirements

- 3.14.1 Centre Fire Safety Plan - Contractors and their personnel will be familiar with the DRDC Toronto Fire Orders, a copy of which will be provided by the Site Authority.
- 3.14.2 Fire Safety Briefing - The Site Authority or representative thereof, will coordinate arrangements for the Contractor to be briefed on Fire Safety at the Pre-Work Conference.
- 3.14.3 Reporting Fires must be in accordance with the DRDC Toronto Fire Orders. Initial response to any fire will be by activating the nearest fire alarm box and/or contacting emergency services by calling 911.
- 3.14.4 Interior and Exterior Fire Protection and Alarm System:
- 3.14.4.1. Fire protection and alarm systems must not be:
- obstructed,
 - shut-off, or
 - left inactive at the end of a working day or shift without authorization from the Site Authority or representative thereof.
- 3.14.4.2. Fire hydrants, standpipes and hose systems must not be used for other than firefighting purposes unless authorized by the Site Authority or representative thereof.
- 3.14.5 Fire Extinguishers - the Contractor must supply adequate fire extinguishers necessary to protect, in an emergency, the Work in progress and the Contractor's physical plant on site.
- 3.14.6 Blockage of Roadways - the Site Authority or representative thereof must be advised of any Work that impedes fire apparatus response, including but not limited to a violation of overhead clearance, erecting barriers and digging of trenches. The Work will not proceed less authorized by the Site Authority or representative thereof.

3.15 Health and Safety

- 3.15.1 The Contractor undertakes and agrees to comply with all Standing Orders or other Regulations in force on the Site where the Work is to be performed, relating to the life safety and health of all persons on the Site, the protection of DND property from any and all causes including fire, environmental spill and Site security, etc. DRDC Toronto, as a federal facility, must comply with the Canada Labour Code Part II and its associated Regulations. The contractor must confirm its obligation to comply with legislative requirements of the Province of Ontario and industry standards. In the event that differences or conflicts arise between legislation, regulations of safety standards that apply to the contract or work being done, the more stringent provisions will be applied and enforced.
- 3.15.2 Overloading: The contractor must ensure no part of the Work is subjected to a load that will endanger safety or will cause permanent deformation or damage.
- 3.15.3 Falsework & Scaffolding: Design & construct falsework in accordance with CSA S269.1-1 975, and design & construct scaffolding in accordance with CSA 5269-.2-M1980.
- 3.15.4 The Contractor must take all practicable precautions to minimize noise arising out of or resulting from any activity associated with the Work under the Standing Offer. All construction equipment must be fitted with noise suppressors unless specially designed for quiet operation and meet the requirements of the Site Authority or representative thereof.
- 3.15.5 Smoking is prohibited within all DND buildings.
- 3.15.6 The Site Authority or representative thereof has the right to stop work if, in the opinion of the Site Authority or representative thereof, the work is not being performed safely by the contractor or the work is being performed in a manner that is contrary to the requirements of applicable safety legislation.
- 3.15.7 The contractor must provide proof of an established and current safety program in force for all contractor employees under the contract prior to contract award.

3.16 Environment

- 3.16.1 In accordance with the Canadian Environmental Protection Act (CEPA), and the DRDC Toronto Environmental Management Program, to the greatest possible extent the contractor must use environmentally safe, non-toxic and non-hazardous products and materials.
- 3.16.2 Fire and burning of rubbish or waste materials on DND property is prohibited.
- 3.16.3 Do not bury any rubbish or waste materials on DND property.
- 3.16.4 Do not dispose of waste or volatile materials such as mineral spirits, oil or paint thinner, or chemical substances into Site waterways, storm or sanitary sewers. All hazardous waste must be disposed of in accordance with provincial regulations.
- 3.16.5 Prevent dust and extraneous materials from contaminating air beyond application area by providing temporary enclosures and do not allow settled dust to be transported to other areas.
- 3.16.6 Provide means and equipment necessary to ventilate area of Work without interfering with operations of other areas.
- 3.16.7 Lighting of fires is prohibited on DND property.

3.17 Hazardous Materials

- 3.17.1 Flammable Liquids:
- 3.17.1.1. The handling, storage and use of flammable liquids are to be governed by the latest edition of the National Fire Code of Canada.
- 3.17.1.2. Flammable liquids such as gasoline, kerosene and naphtha may be kept ready for use in quantities not exceeding 45 liters provided they are stored in approved safety cans bearing the Underwriter's Laboratory of Canada or Factory Mutual seal of approval. Storage of quantities of flammable liquids exceeding 45 liters for work purposes requires the permission of the Site Authority or representative thereof.
- 3.17.1.3. Transfer of flammable liquids is prohibited within DND buildings.
- 3.17.1.4 Transfer of flammable liquids must not be carried out in the vicinity of open flames or any type of heat-producing devices.

3.17.1.5. Flammable liquids having a flash point below 38-1/2 degrees Celsius such as naphtha or gasoline must not be used as solvents or cleaning agents.

3.17.1.6. Flammable waste liquids for disposal must be stored in approved containers located in a safe ventilated area. Quantities are to be kept to a minimum and the Contractor is responsible for removal from the Site as directed by the Site Authority or representative thereof.

3.17.2 Hazardous Substances

3.17.2.1. If the work entails the use of a toxic or hazardous materials, chemicals and/or explosives, or otherwise creates a hazard to life, safety or health of all persons on Site, Work must be in accordance the National Fire Code of Canada.

3.17.2.2. The Contractor must obtain the permission of the Site Authority or representative thereof permission prior to carrying out any welding, burning or the use of blowtorches or salamanders for Work in buildings or facilities. Special precautions are necessary to safeguard life and property from damage by fire or explosives.

3.17.2.3. Wherever Work is being carried out in dangerous or hazardous area involving the use of heat, fire watchers equipped with sufficient fire extinguishers must be provided. The determination of dangerous or hazardous area along with the level of precaution necessary for Fire Watch will be at the discretion of the Site Authority or representative thereof. Contractors are responsible for providing Fire Watch services for their Work on a scale established and in conjunction with the Site Authority or representative thereof, at the Pre-Work Conference.

3.17.2.4. Where flammable liquids such as lacquers or urethanes are to be used, proper ventilation must be assured and all sources of ignition are to be eliminated by the Contractor.

3.17.2.5 The Site Authority or representative thereof is to be informed prior to and at the cessation of such Work.

3.18 WHMIS

3.18.1 WHMIS:

3.18.1.1. Comply with requirements of Workplace Hazardous Materials Information System (WHMIS) regarding use, handling, storage and disposal of hazardous materials.

3.18.1.2. Comply with labeling requirements and provision of Material Safety Data Sheets (MSDS) in accordance with WHMIS.

3.18.1.3. Deliver copies of all applicable MSDS to the Site Authority or representative thereof, immediately upon delivery of materials to the Site. The Site Authority or representative thereof may accept or reject the use of any hazardous materials by the Contractor on the Work site and in the case of rejection the Contractor must immediately remove the materials from DND property.

3.18.1.4. The Contractor must ensure that all personnel are properly trained and educated in the safe handling of all hazardous materials which may be used or encountered for the Work on DND property in accordance with all current acts and regulations pertaining to hazardous materials. The requirement for the Contractor to submit proof of this is at the discretion of the Site Authority or representative thereof.

3.19 Site Control and Use

3.19.1 Contractor must obtain prior permission from the Site Authority or representative thereof to store material for the Work within the confines of the building or Site compound, and the location for the temporary storage must be as set out by the Site Authority or representative thereof.

3.19.2 The Contractor will be solely responsible for the security of own Work materials, tools and equipment that may create a loss or misplacement.

3.19.3 Unused materials must be placed so as not to create a safety hazard or to interfere with building occupants or Centre operations.

3.19.4 Contractor to park vehicles as directed by the Site Authority or representative thereof.

3.19.5 All Work areas must be kept clean by the Contractor at all times to the satisfaction of the Site Authority or representative thereof.

- 3.19.6 Contractor must not unreasonably encumber Site with materials and equipment. Stored products or equipment that interfere with Site operations, building occupants, and/or other Contractors must be moved immediately upon request.

3.20 Waste. Refuse. Clean UD and Site Restoration

- 3.20.1 The Contractor must be responsible for the proper disposal of all solid, liquid and gaseous waste and/or recycle in accordance with all local regulations and statutory requirements. All refuse or recycle arising from the execution of Work under the Standing Offer (including food scraps and the like) must be removed from the Site. Refuse must not be dropped free but hoppers and shutters, chutes or refuse buckets must be used. All hoppers, chutes or buckets for refuse must be covered, or be of such a design as to fully confine the material and prevent dissemination of contents.
- 3.20.2 Contractor must be responsible for disposing of all refuse and recycle resulting from the Work off of DND property unless directed otherwise by the Site Authority or representative thereof.
- 3.20.3 Rubbish and waste materials must be kept to a minimum. Greasy or oily rags or materials must be deposited and kept in an approved receptacle and removed from the Site as directed by the Site Authority or representative thereof.
- 3.20.4 No motor vehicles will leave the Site laden with any material unless it is loaded in a manner that will prevent the discharge or dropping of any of the materials on Site.
- 3.20.5 While any portion of the Work is in progress, the Contractor must, on a daily basis, or more frequently if required by the Site Authority or representative thereof remove from the Work site all rubbish, debris, waste and recycle resulting from the Work activities, unless otherwise authorized by the Site Authority or representative thereof.

3.21 Asbestos

- 3.21.1 If at any time the Contractor discovers the presence on the Site any loose fibrous material which the Contractor reasonably suspects may contain asbestos, the Contractor must not disturb the material on the Site and immediately report findings to the Site Authority or representative thereof. The Contractor must ensure that the Contractor's workers are protected from exposure to the material until the nature of the material has been competently determined.
- 3.21.2 The Site Authority or representative thereof must inspect the Work site without delay and must issue directions to the Contractor in respect of the conditions and if or what further action is to be taken.

3.22 Warranty Provisions

- 3.22.1 All materials, parts and equipment installed by the Contractor must be warranted/guaranteed to be free of defective materials, design or workmanship for a minimum period as stated by the manufacturer or supplier.
- 3.22.2 The full cost of all warranty repairs, including travel and accommodation costs, will be the responsibility of the Contractor and the repairs must be made to the satisfaction of the Site Authority or representative thereof.

3.23 Deficient Work

- 3.23.1 In the event that at any time during the course of the Standing Offer, there are in the Site Authority's or representative's opinion, deficiencies in either the quality of the Work done by the Contractor and/or the level of service provided by the Contractor and/or any other area of performance by the Contractor of the Contractor's obligations under the Standing Offer, then DND at its discretion may, in addition to and without prejudice to any other rights, powers and remedies conferred upon DND by the Standing Offer, by notice in writing, require the Contractor to meet with the Site Authority or representative thereof, to review such deficiencies, with a view to rectifying such deficiencies and the due performance and observance by the Contractor of his obligations under the Standing Offer.

3.24 Contractor's Personnel

- 3.24.1 The Contractor must provide names, titles and telephone numbers and/or pager numbers of the Contractor's permanent supervising staff members cleared to receive call-ups from the Site Authority or representative thereof.
- 3.24.2 The Contractor must provide sufficient general liability, accident and disability insurance coverage and all other regulated insurance (i.e. WSIB), etc., for all contract personnel employed by the Contractor.
- 3.24.3 The Site Authority or representative thereof, reserves the right to request a copy of proof of coverage as outlined in 3.24.1, 3.24.2 above from the Contractor.

4.0 Codes and Standards

- 4.1 All Work to be performed in accordance with all current National Codes and any current application of Provincial or Municipal Codes.
- 4.2 In case of conflict or discrepancy, the Code with the more stringent requirements will apply.
- 4.3 Meet or exceed requirements of contract documents and associated specifications, specified standards, codes and associated reference documents.
- 4.4 Safety precautions in accordance with current regulations set out by the regulating authority and the most stringent standards are to be enforced at all times by the Contractor.
- 4.5 Unless otherwise specified in the Standing Offer, the Contractor must observe, in the absence of any statutory requirement to the contrary, the relevant current standard published by the Canadian Standards Association relating to storage, transport, use of materials, explosives, fire precautions in arc or flame cutting, flame heating and arc or gas welding operations, plant and equipment, work processes and safety precautions.
- 4.6 The contractor must comply with the Federal Halocarbon Regulations.
- 4.7 The contractor must be in compliance with workers' compensation legislation in the Province of Ontario and must provide the Site Authority with proof of WSIB coverage for all personnel working on the Site, prior to contract award. In the absence of WSIB coverage (i.e., in the case of self-employed company), proof of accident liability coverage must be provided.
- 4.8 The Contractor must accept liability and indemnify the Crown and the Department of National Defence in the event of injury and damage, claim or action arising from the Contractor's failure to comply with these acts and regulations.

5.0 Site Security

- 5.1 Contract work is not considered classified, however contract personnel will require clearance to the level of enhanced reliability as per the Security Requirement Checklist (SRCL).
- 5.2 Contract personnel will be required to wear a DRDC Toronto Contractor Security Pass at all times while on the premises.

APPENDIX 1 OF ANNEX A**Equipment List:**

Dive Chamber Chiller

Model # JJB0016

Ser.# JJBO016

575 VOLTS G W Gull & Western Mfg.

Wet Cold Chamber

Carrier

Mod# 30HK060-130

Ser# P95 7451

Chamber #3

Copeland Mod# W6WU-1000- TSE-001

575 volts Refrigerant HP 80

Copelamatic

Mod # 6RB2-2000- TSE

Ser# CC1 870389

575 Volt

Chamber # 4

Copeland Mod # 3D53-1000TFE

SER # CCJ9716136

575 Volts Refrigerant R22

Blanchard Ness Condensing unit

Mod # DLCS -028-R

600 Volts

Honeycomb Dehumidifier

Mod # HC- 1125- EA

575 Volts

Cooling Tower

Baltimore Air coil of Canada

Mod# 3547CR

Swimming Flume

Copeland MOD# ERFI-0300 TAE

575 Volts Refrigerant R 22

ALF-LAVAL

Heat Exchanger

Mod# CB76-50H (H25-F23) F1

Ser # 188765

Pump

Armstrong Mod # FR 56 C

ID # H558-YO7-M 575 volt