

Department of National Defence



Specification

Service Contract

**Rental, Installation, Maintenance and Repairs
of Residential Style Heavy Duty Grade
Washers and Dryers**

CFB Halifax, NS

<u>Section</u>	<u>Title</u>	<u>Pages</u>
<u>Division 01 - General Requirements</u>		
01 11 00	GENERAL INSTRUCTIONS	5
01 35 30	HEALTH AND SAFETY REQUIREMENTS	5
01 35 35	DND FIRE SAFETY REQUIREMENTS	4
01 61 00	PRODUCT REQUIREMENTS	3
<u>Division 11 - Equipment</u>		
11 30 00	REPAIRS TO HEAVY DUTY WASHERS AND DRYERS	2
11 30 10	ANNEX A LOCATION OF WASHERS AND DRYERS	2

PART 1 - GENERAL

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| <u>1.1 DESCRIPTION OF WORK</u> | .1 | The Work under this Service Contract covers the furnishings of all labour, materials, equipment, transport and supervision necessary for the rental, installation, maintenance, and repairs to residential style heavy duty grade washers and dryers at locations of CFB Halifax identified in Annex A. |
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| <u>1.2 ENGINEER</u> | .1 | All reference to the Engineer in this specification, is to be understood, that the Contract's Inspector is representing the Formation Construction Engineering Officer(FCEO). |
| | .2 | The Engineer will provide the Contractor with a list of his/her authorized representatives at the pre-job-meeting. |
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| <u>1.3 WORK INCLUDED</u> | .1 | Provide the rental, installation, maintenance and repairs of residential style heavy duty grade washers and dryers. |
| | .2 | Provide repair service during regular hours when requested by the Engineer. |
| | .3 | Provide emergency repair service after regular working hours and on weekends as requested by the Engineer. |
| | .4 | Provide and post the machine operating procedures for the installed equipment. |
| | .5 | Upon completion of the Contract, the removal of all rental equipment installed under this Service Contract. |
| | .6 | Clean-up. |
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| <u>1.4 LOCATIONS OF JOB SITES</u> | .1 | Areas covered under this specification include: |
| | .1 | Stadacona - Halifax, NS; |
| | .2 | Windsor Park - Halifax, NS; |
| | .3 | 12 Wing Shearwater - Eastern Passage, NS. |
| | .2 | Detailed information on quantity, location and room dimensions are specified in Annex A Location of Washers and Dryers. |

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- 1.5 WORK SCHEDULE .1 Immediately upon receipt of award of Contract, the successful Contractor will contact the Engineer at 722-1822 to arrange a pre-job meeting prior to commencement of any work.
- .2 Contractor must coordinate replacement of existing machines with current Contractor. Existing machines are to be removed and replaced from current locations during a 24 hour period. No location will be without machines for more than 24 hours.
- .3 Contractor to submit proposal of installation schedule for Engineer's approval 14 days prior to delivery of first machine.
- 1.6 SITE ACCESS .1 Access to the site is under the direction of the Department of National Defence. All visitors entering areas issuing a daily pass will be aware of the requirement for search as a condition of issue.
- .2 While within the confines of CFB Halifax all employees and representatives of the Contractor will comply with all of the Standing Orders as promulgated by Base Authorities.
- 1.7 HOURS OF WORK .1 Normal working hours will be 0730 to 1600hrs, Monday through Friday. Any work carried out other than during these hours requires prior notification of the Engineer before commencing.
- 1.8 CONTRACTOR'S USE OF SITE .1 Contractor will be briefed on use of site by Engineer.
- .2 Do not unreasonably encumber site with materials or equipment.
- .3 Move stored products or equipment which interferes with operations of Engineer or other Contractors.
- 1.9 PARKING .1 Parking space will be made available on site for company vehicles and equipment only. Maintain and administer this space as directed.
- 1.10 CODES AND STANDARDS .1 Perform work in accordance with the latest edition of National Building Code of Canada(NBC), National Fire Code of Canada Canada, Canadian Electrical Code Part I, Canada Labour Code Part II and any other provincial or local code applicable. In any case of conflict or discrepancy, the more stringent requirements will apply.
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| <u>1.10 CODES AND STANDARDS (Cont'd)</u> | .2 | Meet or exceed requirements of Contract documents, specified standards, codes and referenced documents. |
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| <u>1.11 EXISTING APPLIANCES</u> | .1 | Moving of appliances if required, must be the responsibility of the Contractor, if to return unit to the shop for repair and return. |
| | .2 | Repair all damages to building and/or furnishings resulting from moving of appliances at no additional cost to DND. |
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| <u>1.12 OPERATING PROCEDURES</u> | .1 | Contractor to ensure that machine operating procedures for installed equipment are posted in prominent location within laundry area. |
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| <u>1.13 NOTIFICATION OF REQUIREMENT</u> | .1 | A requisition for services by phone, fax or email will be the acceptable call-up instrument used to notify the Contractor of requirements against this Contract for each main area. Only the Engineer or his authorized representative will make call-ups against this Contract. |
| | .2 | Requirements will include call-ins for service repairs, and occasionally inspection of particular units. On completion of the Work, service slips must be signed by the occupant of the building. |
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| <u>1.14 WORKMANSHIP</u> | .1 | Workmanship must be the best quality executed by workers experienced and skilled in the respective duties for which they are employed. |
| | .2 | Do not employ any unfit person or anyone unskilled in their required duties. The Engineer reserves the right to require the dismissal from the site, workers deemed incompetent, careless, insubordinate or otherwise objectionable. |
| | .3 | Decisions as to the quality or fitness of workmanship in cases of dispute rest solely with the Engineer whose decision is final. |
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| <u>1.15 INSPECTION</u> | .1 | All work and materials covered by this specification will be subject to inspection at any and all times by the Engineer. |
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1.16 PROTECTION OF
EXISTING FACILITIES

- .1 Execute work with least possible interference, disturbance to occupants, public and normal use of premises. Arrange with Engineer to facilitate execution of work if necessary.
- .2 The Contractor must take all necessary precautions to ensure against damage to existing facilities. Any damage to such facilities as a result of the Contractor's operations must be repaired or replaced by the Contractor at his/her own expense, as soon as is reasonably possible.
- .3 Special coverings and protection must be provided to protect plants, floors, walls, projections and adjacent work where materials are being removed, installed or hoisted.
- .4 The Contractor must protect all occupant owned furnishings and equipment, and the building from damage during execution of this Contract.
- .5 Where the Engineer considers it necessary, provide and erect warning signs and barriers.

1.17 METHOD
OF INVOICING

- .1 One(1) copy of the invoice will be sent or delivered within 30 days to:

Accounts Payable Section
Formation Construction Engineering
Maritime Forces Atlantic PO Box 99000
Stn Forces Willow Park Bldg 7
Halifax, NS B3K 5X5
- .2 Each invoice will clearly indicate the following information:
 - .1 Contract number;
 - .2 Work order/Serial number;
 - .3 Requisition/order offer number;
 - .4 Building number or location;
 - .5 Dates during which the work was accomplished;
 - .6 A detailed description of the work performed, with itemized list of materials & labour(a copy of the Contractor's invoice from his material supplier will also be included plus any other costs being charged), labour, overhead, profit and applicable taxes will be included separately on the invoice.
 - .7 Labour costs are to be broken down by trade and trade. Labour time sheets will also be provide upon request.

1.17 METHOD
OF INVOICING
(Cont'd)

- .3 No invoices will be processed without proper information as outlined in this section.

1.18 REPORTING

- .1 The Contractor must submit a report of the Work performed within seven(7) days after each request. The report must be submitted in triplicate to the Engineer.

1.19 CLEANING

- .1 On completion of work under this Contract, all materials declared surplus by DND, plant, tools, equipment and debris must be removed from the job site.
- .2 The job site must be left clean, neat and in a safe condition at the end of each work day to the complete satisfaction of the Engineer.

PART 2 - PRODUCTS

Not used.

PART 3 - EXECUTION

Not used.

PART 1 - GENERAL

1.1 CONSTRUCTION SAFETY MEASURES

- .1 Observe and enforce construction safety measures by complying with the requirements of the following statutes and authorities:
 - .1 Canada Labour Code Part II and the Canada Occupational Health and Safety Regulations.
 - .2 The Nova Scotia Occupational Health and Safety Act and supporting Occupational General Safety Regulations as amended from time to time.
 - .3 Most recent amendments to the National Building Code of Canada, Part 8 and National Fire Code of Canada.
 - .2 Refer to Section 01 35 35, DND Fire Safety Requirements.
 - .3 Engineer will provide a copy of any relevant special written instructions to be followed.
 - .4 **Before Work Begins**
 - .1 Bidder/Tender to provide documentation if requested by the Crown, indicating all safety training attained for each person who will be involved with the Contract.
 - .5 The following disciplinary measures will be taken for any violations of safety under this Contract:
 - .1 **First Violation:** Verbal warning issued to the Contractor for the first violation of a safety regulation(Violation will be documented on Contract file, copy to Contractor DCC or PWGSC).
 - .2 **Second Violation:** Written warning to Contractor for second violation of a safety regulation(Violation will be documented on Contract file, copy to Contractor, DCC or PWGSC).
 - .3 **Third Violation:** A third violation of a safety regulation may result in the termination of the Contract with a recommendation to the Contracting Authority that the Contractor be denied access to Formation Construction Engineering contracts(Documented to Contract file, copies to Contractor, DCC or PWGSC).
 - .4 **Serious Violation:** For a serious violation of a safety regulation as deemed by a regulator, project manager or safety officer a recommendation will be made to the Contracting Authority to immediately terminate the Contract/Standing Offer(Violation documented on Contract file, copies to Contractor, DCC or PWGSC).
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- 1.1 CONSTRUCTION SAFETY MEASURES (Cont'd) .5 (Cont'd)
.5 **Charges Laid or Guilty Determination by Courts:**
Infractions of safety regulations that result in charges being laid by a regulator against the Contractor or the Contractor being found guilty by the courts may result in that Contractor being denied access to Formation Construction Engineering contracts.
- 1.2 ASBESTOS PRODUCT & ASBESTOS ACTIVITY .1 Within the confines of the Base, the provision of new products containing fibrous asbestos materials is prohibited.
.2 Demolition or disturbance of spray or trowel-applied asbestos can be hazardous to health. Should material resembling spray or trowel-applied asbestos be encountered in course of work, stop work and notify Engineer immediately. Do not proceed until written instructions have been received from Engineer.
- 1.3 FASTENING DEVICES EXPLOSIVE ACTUATED .1 Explosive actuated devices must not be used.
- 1.4 HOT WORK .1 All hot work activity is to take place with Engineer's approval and written permission from the Formation Fire Chief(Hot work permit). Hot work permits and fire-watch requirements will be provided by the Dockyard Fire Hall at 427-3500.
.2 The ventilation system in the area of any Hot Work activity is to be isolated to prevent migration of fumes/smoke and to reduce any possible spread of fire to other areas of the facility.
.3 Contractor is to employ an employee trained in the use of fire extinguishers as fire watch during any Hot Work for a minimum of 30 minutes after activity has ceased.
- 1.5 CONFINED SPACES .1 All work in confined spaces will be carried out in compliance with the Canada Occupational Safety and Health Regulations, Part XI.
.2 The Contractor to provide and maintain all equipment as required by any person to enter and/or perform work in a safe manner, in compliance with the Canada Occupational Safety and Health Regulations, Part XI.
.3 The Contractor to provide and maintain training, as required by the Canada Occupational Safety and Health Regulations, Part XI.
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1.5 CONFINED SPACES .3
(Cont'd)

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- .1 The Contractor and/or his employees must provide proof of training and qualifications when requested by the Engineer.
- .4 The Contractor to provide the Engineer with a copy of an "Entry Permit" for each and every entry into the confined space to ensure compliance with the Canada Occupational Safety and Health Regulations, Part XI.
- .5 The Contractor to have a hazard assessment of the confined space performed.
 - .1 The Contractor to provide the Engineer with a copy of the hazard assessment.

1.6 FALL PROTECTION .1

- .1 All work carried out above the mandatory height restrictions, from unguarded structure and/or scaffolding, will be done in compliance with the Canada Occupational Safety and Health Regulations, Part XII, Section 12.10.
- .2 The components of a fall protection system must meet the standards as outlined in the Canada Occupational Safety and Health Regulations, Part XII, Section 12.10(2).
- .3 The Contractor is to ensure fall protection equipment is maintained, inspected and tested by a qualified technician as required by the Canada Occupational Safety and Health Regulations, Part XII, Section 12.3.

1.7 ARC FLASH .1

- .1 The Contractor is to ensure all electrical equipment such as switchboards, panel boards, motor control centres and meter socket enclosures be marked to warn persons of potential electric shock and arc flash hazards. This labeling is required for all new & modified installations.
- .2 The warning label must also include information regarding «arc flash hazard category(0 to 4)» and the «Flash Protection Boundary» as defined in NFPA 70E. All projects specifications must include short circuit study and flash hazard analysis.
- .3 In accordance with the new CSA Standards Z462-08 para 4.3.3.3 Electrical Contractors are now required to perform a shock and flash hazard analysis to select the appropriate PPE to wear. Electrical Contractors are now required Arc-rated personal protective equipment while troubleshooting and diagnostic testing that cannot be performed unless the electrical conductor or circuit part is energized. All Contractor work practices must protect each employee from arc flash and from contact with live

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- 1.7 ARC FLASH
(Cont'd)
- .3 (Cont'd)
parts directly with any part of the body or indirectly through some other conductive object.
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- 1.8 SAFETY
- .1 The Contractor must perform site hazard assessments to establish site specific safe work practice procedures for the safety and well being of his/her employees. Copies must be made available to Department of National Defence upon request.
- .2 All copies of the formal Hazard Assessments conducted by the Contractor throughout the duration of the work will be retained and made available to the Engineer immediately upon request.
- .3 It is the Contractor's responsibility to be familiar with all applicable Safety Acts, Regulations, Codes and Standing Offer requirements. These must be identified and addressed in the Safety Plan, by identifying Standard Operating Procedures(SOP) and safe work practices(SWP) which incorporate clear and specific control measures, applicable rules, procedures and practices, all of which will become mandatory.
- .4 The Contractor must ensure all workers and authorized persons entering the work site are notified of and abide by the posted Safety Plan, safety rules, procedures, safe work practices and applicable Safety Acts, Regulations, and codes. Any person not complying with these will not be permitted on the site.
- .5 Contractor must ensure that all applicable personal protective equipment(PPE) is used.
- .1 All personnel are required to wear hard hats, in accordance with CSA Z94.1-05.
- .2 All personnel are required to wear safety footwear, in accordance with CSA Z195-09.
- .3 All personnel are required to wear eye & face protection, in accordance with CSA Z94.3.1-09.
- .4 When and where noise level is above 85 decibels; all personnel are required to wear hearing protection, in accordance with CAN/CSA Z94.2-02(R2007).
- .5 Where toxic or noxious gas fumes, or oxygen deficiency or excessive dust may occur, so as to create a hazard to life, safety or health; all personnel are required to wear respiratory protection, in accordance with CAN/CSA Z94.4-02(R2007).
- .6 The Engineer will coordinate arrangements for the Contractor to be briefed on site safety within fourteen(14) days of award of Contract.
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1.9 SITE SIGNS
AND NOTICES

.1 Safety and instruction signs and notices:

- .1 Signs and notices for safety and instruction must be in both official languages. Graphic symbols must conform to CAN/CSA Z321-96(R2006).

PART 2 - PRODUCTS

Not used.

PART 3 - EXECUTION

Not used.

PART 1 - GENERAL

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| <u>1.1 EMERGENCY REPORTING</u> | .1 | Telephone Number: Dial 9-1-1. |
| <u>1.2 FIRE SAFETY ENFORCEMENT</u> | .1 | Within the confines of the Base, the prescription and enforcement of mandatory Fire Safety measures will be exercised under the authority of the Formation Fire Chief. |
| | .2 | Comply with and enforce compliance by all Contractor personnel with all requirements of this specification section, and with the most recent edition of the National Building Code of Canada(NBCC) and the National Fire Code of Canada(NFC), including all subsequent revisions issued by the National Research Council of Canada. |
| | .3 | The Engineer reserves the right to require the dismissal from site of persons deemed careless or otherwise in violation of the Fire Safety Requirements. |
| <u>1.3 FIRE SAFETY BRIEFING</u> | .1 | Prior to commencement of work under this Contract, the Engineer will arrange a meeting of all parties concerned to review and clarify requirements for Fire Safety measures. This may involve a briefing by the Formation Fire Chief. |
| | .2 | The Engineer will provide direction for reporting of fire including the emergency telephone number for fire reporting and location of fire alarms within or adjacent to work area. |
| <u>1.4 FIRE WATCH</u> | .1 | For hot work activity, the Contractor will provide the service of fire-watch persons on a scale and schedule as prescribed by the Dockyard Fire Hall at the time of issuance of the hot work permit. |
| <u>1.5 FIRE EXTINGUISHERS</u> | .1 | Provide and maintain in operational condition fire extinguishers as prescribed by the Formation Fire Chief. |
| <u>1.6 SMOKING PRECAUTIONS</u> | .1 | In accordance with these Fire Safety requirements particular to the work area and site, the Engineer and Formation Fire Chief will designate hazardous areas as well as non-restricted areas where smoking may be permitted. |
| | .2 | Smoking is prohibited in all buildings. |

1.6 SMOKING
PRECAUTIONS
(Cont'd)

- .3 In all other areas, exercise care and comply with written or oral directives of the Engineer for the use of smoking materials.

1.7 REPORTING
FIRE INCIDENTS

- .1 Report immediately all fire incidents as follows:
- .1 Activate nearest fire alarm, or
 - .2 Dial 9-1-1 or designated number given at the time of briefing.
 - .3 Telephone Engineer.
- .2 Persons activating fire alarm must remain at the alarm to direct the Fire Department to the scene of the fire.
- .3 When reporting a fire by telephone, give location of fire, name and number of building and be prepared to direct the Fire Department to the scene of the fire.

1.8 INTERIOR &
EXTERIOR FIRE
PROTECTION AND
ALARM SYSTEM

- .1 Notify Formation Fire Chief at least 48 hours prior to scheduling any work that may require fire alarm and/or protection systems to be:
- .1 Obstructed in any way.
 - .2 Shut-off.
 - .3 Left inactive at the end of a working day or shift.
- .2 Do not commence any such work until Engineer confirms approval and direction by the Formation Fire Chief.
- .3 Fire hydrants, standpipes and hose systems must not be used for other than fire fighting purposes unless authorized by the Engineer and the Formation Fire Chief.

1.9 BLOCKAGE OF
ACCESS FOR FIRE
APPARATUS

- .1 Obtain approval of the Engineer and Formation Fire Chief 24 hours prior to commencing any work that by any means would impede access for fire fighting apparatus. Immediately notify the Engineer of any infringement on minimum vertical or horizontal clearances either inside or outside buildings, as prescribed by the Formation Fire Chief.

1.10 RUBBISH &
WASTE MATERIAL

- .1 Storage:
 - .1 Where it is necessary to store oily waste in work areas exercise extreme care to ensure maximum possible safety and cleanliness.
 - .2 Greasy or oily rags or materials subject to spontaneous combustion must be deposited and kept in a receptacle approved by the Formation Fire Chief and removed as directed by the Engineer.
- .2 The burning of rubbish is prohibited.
- .3 Removal:
 - .1 All rubbish must be removed from the work site at the end of the work day or shift or as directed by the Engineer.

1.11 FLAMABLE
LIQUIDS

- .1 The handling, storage and use of flammable liquids are to be governed and guided by the requirements established by the Formation Fire Chief and in accordance with the approved Fire Safety Plan.
- .2 Indoor storage of flammable liquids must not exceed thirty(30) litres provided that they are stored in areas and containers approved by the Formation Fire Chief.
- .3 The Engineer reserves the right to require removal from the site any storage containers not acceptable to the Formation Fire Chief.
- .4 The Engineer will not permit indoor storage of quantities of flammable liquids exceeding thirty(30) litres for on-site work purposes, without the written permission of the Formation Fire Chief.
- .5 Transfer of flammable liquids within buildings is prohibited.
- .6 Transfer of flammable liquids must not be carried out in the vicinity of open flames or any type of heat producing devices.
- .7 Flammable liquids having a flash point below twenty-two(22) degrees C such as naphtha or gasoline must not be used as solvents or cleaning agents.
- .8 Flammable waste liquids, for disposal, must be stored in approved containers located in a safe ventilated area. Quantities are not to exceed thirty(30) litres. Dumping or burning of flammable liquids on site is prohibited.

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| <u>1.12 HAZARDOUS
SUBSTANCES</u> | .1 | Exercise special precautions necessary to safeguard life and property from damage by fire or explosives. |
| | .2 | If the work entails the use of any toxic or hazardous materials, chemicals or explosives, or otherwise creates a hazard to life, safety or health, work must be in accordance with the most recent edition of the requirements of the National Fire Code of Canada, and measures prescribed by the Formation Fire Chief. |
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| <u>1.13 HAZARDOUS
HOT WORK</u> | .1 | Prior to commencing any «Hot Work» involving open flame, burning, welding or heating, the Contractor must obtain a «hot work permit» issued by the Formation Fire Chief at the Dockyard Fire Hall, 427-3500. |

PART 2 - PRODUCTS

Not used.

PART 3 - EXECUTION

Not used.

PART 1 - GENERAL

1.1 GENERAL
REQUIREMENTS

- .1 Use new material and equipment unless otherwise specified.
- .2 Provide material and equipment of specified design and quality, performing to published ratings and for which replacements parts are readily available.
- .3 Use products of one manufacturer for material and equipment of same type or classification unless otherwise specified.

1.2 MANUFACTURER'S
INSTRUCTIONS

- .1 Unless otherwise specified, comply with manufacturer's latest printed instructions for materials, installation and repair methods.
- .2 Notify Engineer in writing of any conflict between these specifications and manufacturers instructions. Engineer will designate which document is to be followed.

1.3 DELIVERY
AND STORAGE

- .1 Deliver, store and maintain packaged material and equipment with manufacturer's seals and labels intact.
- .2 Prevent damage, adulteration and soiling of material and equipment during delivery, handling and storage. Immediately remove rejected material and equipment from site.
- .3 Store material and equipment in accordance with supplier's instructions.
- .4 Touch-up damaged factory finished surfaces to Engineer's satisfaction. Use primer or enamel to match original. Do not paint over name plates.
- .5 Removal of all packaging material will be responsibility of Contractor.

1.4 ACCEPTABILITY
OF MATERIALS

- .1 Use all and only «acceptable» materials, as defined by the Engineer.
- .2 Requests for «acceptance» of non-specified materials must be submitted in writing to the Engineer.

PART 2 - PRODUCTS

2.1 WASHERS

- .1 Non coin operated machine.
- .2 Energy efficient front load-loading washing machine certified Energy Star.
- .3 3.5 - 4.4 cu ft minimum capacity.
- .4 White in color.
- .5 120VAC, 60Hz input voltage.
- .6 Energy consumption not to exceed 300 kwh/year.
- .7 As a minimum, temperature levels will be hot/cold, warm/cold and cold/cold(or equivalent).
- .8 As a minimum, wash cycles will be light, regular, permanent press(or equivalent).
- .9 Washer must have water level control.
- .10 Washer must have provision for automatic dispensing of bleach and fabric softener.
- .11 Machines dimensions must allow installation in all sites identified in Annex A.

2.2 DRYERS

- .1 Non coin operated machine.
- .2 Electric
- .3 Energy efficient qualified Energy Star.
- .4 6.0-7.5 cu ft capacity.
- .5 White in color.
- .6 120/240VAC, 1Ph, 60Hz input voltage.
- .7 As a minimum, dryer cycle selections will include delicate, permanent press, and regular(or equivalent) as well as ability to select a time cycle.
- .8 As a minimum, dryer must feature a temperature control(High/Medium/Low).
- .9 Moisture sensor.

2.2 DRYERS
(Cont'd)

- .10 Machines dimensions must allow installation in all sites identified in Annex A.
- .11 Dryer must have interior lighting.
- .12 Dryer must have lint screen.

2.3 ADDITIONAL
WASHERS AND DRYERS

- .1 Should additional washers and dryers be required, or existing equipment be deleted during the term of the Contract, it will be added/removed by formal amendment by the PWGSC contracting authority at the Contract price.

PART 3 - EXECUTION

Not used.

PART 1 - GENERAL

<u>1.1 DESCRIPTION OF WORK</u>	.1	The Work under this Service Contract covers the furnishings of all labour, materials, equipment, transport and supervision necessary for the rental, installation, maintenance, and repairs to residential style heavy duty grade washers and dryers at the locations of CFB Halifax identified in Annex A.
<u>1.2 ALTERATIONS AND SUBSTITUTIONS</u>	.1	Do not make any change to design and installation of fixtures and equipment without prior written authority of the Engineer.
	.2	If in an emergency the Contractor installs parts other than those specified, he must replace them with specified parts before claiming payment, and no claim for other than the specified parts must be made by the Contractor.
<u>1.3 MAINTENANCE DATA</u>	.1	Contractor to adhere to manufacturer's recommended requirements for equipment maintenance.
	.2	Obtain manufacturer's maintenance data when required.
	.3	All manufactured articles, materials and equipment must be applied, installed, connected and erected, used, cleaned and conditioned as specified by the manufacturer unless herein specified to the contrary.
<u>1.4 DAMAGE TO EQUIPMENT AND/OR PROPERTY</u>	.1	The Contractor will be responsible for any damage caused to equipment or property resulting from his work. He will also be held responsible for any operational delays caused by inadequacy of his personnel or equipment to carry out the repairs effectively within the allocated time.

PART 2 - PRODUCTS

Not used.

PART 3 - EXECUTION

- 3.1 MISCELLANEOUS
- .1 Maintenance and/or repairs must be in accordance with the equipment manufacturer specifications.
 - .2 For three(3) breakdowns for same reason in thirty(30) day period, Contractor will replace complete machine with new equivalent without affecting other installations.
 - .3 The Contractor must have equipment repaired/replaced as necessary within 48 hours of receipt of repair request.
 - .4 The Contractor must provide the Engineer a hard copy of the manufacturer specified preventative maintenance schedule based on an annual maintenance cycle in addition to a hard copy of the Contractor's proposed maintenance plan.

1.1 Location and quantity of washers and dryers to be provided:

Location	Building	Area	Washer(s)	Dryer(s)
Windsor Park	WP61	Deck 1	1	1
Windsor Park	WP61	Deck 2	2	3
Windsor Park	WP61	Deck 3	2	3
Windsor Park	WP90	Bottom level	28	28
Windsor Park	WP91	Bottom level	3	3
Stadacona	S12	Deck 1	2	2
Stadacona	S12	Deck 2	2	2
Stadacona	S12	Deck 3	2	2
Stadacona	S21	Deck 1	5	6
Stadacona	S21	Deck 2	5	6
Stadacona	S21	Deck 3	5	6
Stadacona	S85	Basement	6	6
12 Wing Shearwater	SH100	Deck 1 Rm 1903	2	2
12 Wing Shearwater	SH100	Deck 2 Rm 2025	2	2
12 Wing Shearwater	SH100	Deck 2 Rm 200	2	2
12 Wing Shearwater	SH100	Deck 2 Rm 2417	2	3
12 Wing Shearwater	SH100	Deck 2 Rm 2903	2	2
12 Wing Shearwater	SH100	Deck 3 Rm 3321	2	3
12 Wing Shearwater	SH100	Deck 3 Rm 3903	2	2
12 Wing Shearwater	SH65	Deck 1	5	5
Total			82	89

1.2 Precise sitting of equipment within above mentioned locations will be specified by the Engineer or his representative prior to installation.

2.1 Location and room dimensions:

Location	Building	Room No.	Dimensions
Windsor Park	WP61	Deck 1	242" x 192"
Windsor Park	WP61	Deck 2	242" x 192"
Windsor Park	WP61	Deck 3	242" x 192"
Windsor Park	WP90	28 mods	160" x 112" / per mod
Windsor Park	WP91	3 mods	119" x 112" / per mod
Stadacona	S12	1002	80" x 74"
Stadacona	S12	1008	182" x 86.5"
Stadacona	S12	2003	95" x 148"
Stadacona	S12	2009	76" x 129"
Stadacona	S12	3003	73" x 129"
Stadacona	S12	3009	76" x 129"
Stadacona	S21	Deck 1	123" x 238"
Stadacona	S21	Deck 2	123" x 238"
Stadacona	S21	Deck 3	123" x 238"
Stadacona	S85	Basement	274" x 138"
12 Wing Shearwater	SH100	1903	237.5" x 121"
12 Wing Shearwater	SH100	2025	211" x 404"
12 Wing Shearwater	SH100	200	197" x 207.5"
12 Wing Shearwater	SH100	2417	211" x 144"
12 Wing Shearwater	SH100	2903	237.5" x 121"
12 Wing Shearwater	SH100	3321	190.5" x 121"
12 Wing Shearwater	SH100	3903	235" x 122"
12 Wing Shearwater	SH65	Deck 1	195" x 226.5" – 96" x 21" Dividing wall