

City of Coquitlam

Request for Proposals

RFP No. 16-05-08

HVAC Systems  
Maintenance & Repair Services

Issue Date: November 15, 2016

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### APPENDICES:

- **Appendix A – HVAC Equipment Inventory, Address, Belt & Filter List**
- **Appendix B – HVAC – Excluded Asset List**
- **Appendix C – HVAC - Maintenance Inspection Services - Price Worksheet**

### [PROPOSAL SUBMISSION FORM](#)

## DEFINITIONS

**“Agreement” “Contract”** means the contract for services or City Purchase Order that will be issued to formalize with the successful Contractor through negotiation process with the City based on the proposal submitted and will incorporate by reference the Request for Proposals, Specifications, Drawings, any additional subsequent information, any addenda issued, the Contractor’s response and acceptance by the City.

**“City”** means City of Coquitlam.

**“Contractor”** means the person(s) firm(s) or corporation(s) appointed by the City to carry out all duties, obligations, work and services first contemplated in the Request for Proposal and all associated documentation, which may also include mutually agreed revisions subsequent to submission of a Proposal. Both “Contractor” and “Proponent” are complementary in terms of duties, obligations and responsibilities contemplated at the Request for Proposals stage, through evaluation process, execution and performance of the services and Works.

**“Proponent”** means responder to this Request for Proposals.

**“Proposal”** means the submission by the Proponent.

**“RFP” “Request for Proposals”** shall mean and include the complete set of documents, specifications, drawings and addenda incorporated herein, and included in this Request for Proposals.

**“Service”** means and includes the provision by the successful Proponent of all services, duties and expectations as further described in this RFP.

**“Supply” “Provide”** shall mean supply and pay for and provide and pay for.

**“Shall” “Must” “Will” “Mandatory”** means a requirement that must be met.

**“Work”** shall unless the context otherwise requires, mean the whole of the work, tools, materials, labour, equipment, travel, and all that is required to be done, furnished and performed by the Contractor.

## 1. **INSTRUCTIONS TO PROPONENTS**

### 1.1 Description of Services

The City of Coquitlam (“City”) requests proposals from qualified experienced firms for **HVAC Systems Preventative Maintenance and Repair Services.**

Firms are required to have experience in the commercial HVAC business, including qualified HVAC technicians with universal refrigerant handling certification.

The scope of services includes the provision of scheduled preventative maintenance as well as corrective maintenance (repair services) including emergency response at various City of Coquitlam Facilities as indicated in **Appendix A – HVAC Equipment Inventory, Address, Belt & Filter List.**

#### **HVAC systems components:**

- Air handling systems
- Controls, **excluding DDC Systems Controls**
- AHU’s > Air Handling Units
- Cooling units (Heat Pumps)
- Exhaust fans
- Supply fans
- Fan Coil Units
- Furnaces
- Unit heaters
- Condensing units
- VRF > Variable Refrigerant Flow Systems
- HVAC electric power distribution systems (base board heaters)
- AC Package Units, Window Units and Console Units
- Workshop Dust Collectors
- Circulation pumps, heating pumps - (HVAC related Pumps only)
- All motors for heating, cooling, ventilating
- Motor controls mounted as an integral part of equipment assemblies;
- Electronic control panels and their components;
- Wiring and conduits for low voltage controls and interlocks;
- System Components as specified by the City

**Not Included:**

- (DDC) Direct Digital Control Systems
- Pool > Pumps and Filtration systems
- Arena > Ice Plant Refrigeration systems
- Boilers
- Domestic Hot Water Systems
- Chillers (PSLC Pool and TC Fire)
- Heat Exchangers
- Cooling Towers

Refer to **Appendix B – Excluded Asset List**

Refer to **Section 3 - Scope of Services** for service details

Refer to **Section 4 – Preventative Maintenance Inspections** for job plan details

1.2 Term

**The initial term shall be for a two (2) year period, commencing on January 1, 2017 and completing on December 31, 2018.**

This contract may be renewed for additional one year terms based on mutual agreement of price and service.

1.3 RFP Documents

RFP documents are available for downloading from the City of Coquitlam website:  
[www.coquitlam.ca/BidOpportunities](http://www.coquitlam.ca/BidOpportunities)

1.4 Prices

All Prices shall be in Canadian Funds, shall remain **FIRM** for the initial **two (2) year period**

Supply and delivery is to be included in the price, FOB: to the various locations in the City of Coquitlam.

Prices shall include the provision of all tools, materials, equipment, labour, transportation, fuel, supervision, management, overhead, materials, traffic control, services, all necessary packing and crating (where applicable), Canadian Customs import and export duties, freight, handling, transportation, insurance, all other associated or related charges, foreign, federal, provincial and municipal taxes, bonding costs, all licences, permits, inspections and all other requirements necessary for the commencement, performance and completion of services as described.

Taxes are to be shown separately at time of invoicing.

1.5 Instructions for Proposal Submission

**Proposals will be received by the City of Coquitlam on or before 2:00 pm local time:**

**Tuesday, November 29, 2016**

Proposal submissions are to be consolidated into one (1) .pdf file and uploaded through Qfile, the City's file transfer service accessed at website:

[qfile.coquitlam.ca/bid](http://qfile.coquitlam.ca/bid)

1. in the "Subject" field enter: RFP Number and Name
2. Add files in .pdf format and Send  
(Ensure your web browser remains open until you receive 2 emails from Qfile to confirm upload is complete and was sent to email: [bid@coquitlam.ca](mailto:bid@coquitlam.ca) )

Proposals submitted shall be deemed to be successfully received when displayed as new email in the in-box of the City email address. The City will not be liable for any delay for any reason including technological delays, or issues by either party's network or email program, and the City will not be liable for any damages associated with Proposals not received.

The City reserves the right to accept Proposals received after the closing date and time but is under no obligation to evaluate.

Proposals will not be opened in public.

1.6 Non-Mandatory Site Visit

A non-mandatory Site Visit is scheduled for:

**Tuesday, November 22, 2016, at 9:00 am** local time at:  
City Centre Aquatic Complex (CCAC) - Meeting Room  
1210 Pinetree Way, Coquitlam BC

The purpose of the site visit is to provide an opportunity for Proponents to review this one specific facility and confirm the City's requirements as outlined in the Scope of Services described in this RFP.



### 1.7 Inquiries

All inquiries are to be submitted in writing by email quoting the RFP name and number to: [bid@coquitlam.ca](mailto:bid@coquitlam.ca)

**Questions are to be submitted in writing not less than 5 business days prior to the closing date.**

If a change or additional information related to the original version of the Request for Proposal is warranted, the City's response will be communicated to all Proponents by means of written Addenda prior to the closing date and posted on the City's website.

The City shall determine, at its sole discretion, whether the query requires response, and such responses will be made available to all Proponents by issue of Addenda that will be posted on the City's website and will be incorporated into and become part of the RFP.

### 1.8 Addenda

Proponents are required to check the City's website for any updated information and Addenda issued before the Closing Date at the following website address:  
<http://www.coquitlam.ca/BidOpportunities>

Upon submitting a Proposal, Proponents are deemed to have received all Addenda posted on the City website and deemed to have considered the information for inclusion in the Proposal submitted.

Should there be any discrepancy in the information provided; the City's original file copy shall prevail.

### 1.9 Evaluation Criteria

The criteria for evaluation of the Proposals may include, but is not limited to:

#### Corporate Experience, Reputation, Capacity and Resources

- Qualifications of Technical Service staff that would be assigned to the City
- Experience and references with service contracts for similar Building Systems, within facilities of various ages, sizes and complexities
- Company capacity

Technical

- Response time
- Approach and Methodology and understanding of City's requirements
- **Sample Field Report**
- **Sample Invoice**

Financial and Value Added

- Rates & Prices for Scheduled Preventative Maintenance Inspections
- Parts Mark-up Rates
- Value added benefits
- Sustainable benefits

These criteria will be used to determine best overall value to the City.

And, upon selection of one or more lead proponent(s):

- References may be contacted
- Interviews may be conducted
- Verification of the contractor's Insurance, WorkSafeBC and Health & Safety Plan

Should there be additional similar services required during the term of the contract, the city reserves the right to sole source with the successful proponent, or issue a new Request for Proposal,

No prices, scores or totals will be provided to any Proponent.

1.10 Negotiation

The City reserves the right, prior to contract award, to negotiate changes to the scope of the services or to the contract documents (including pricing to meet budget) with the proponent or any one or more proponents, proposing the "best value" without having any duty to advise any other proponent or to allow them to vary their proposal as a result of changes to the scope of the services or to the contract documents; and the City may enter into a changed or different contract with the proponent(s) proposing the "best value", without liability to proponents who are not awarded the contract.

1.11 Irrevocability

The City requests that Proposals remain open for acceptance for a period of not less than sixty (60) days from the closing date and time.

#### 1.12 Acceptance of Proposals

The City reserves the right to waive formalities in, accept or reject any or all Proposals or accept the Proposal deemed most favourable in the interest of the City.

The City will be under no obligation to proceed further with any submitted Proposal and should it decide to abandon same, it may, at any time, invite further Proposals for the supply of the described services or enter into any discussions or negotiations with any party for the provision of the services. No alterations, amendments or additional information will be accepted after the closing date and time unless invited by the City.

Should a Proposal be accepted, contract documents may be utilized to document the agreement.

#### 1.13 Privacy Act

Proponents are advised that proposals will become the property and are subject to the Freedom of Information and Protection of Privacy Act and contents may be disclosed if required to do so pursuant to the Act.

#### 1.14 Withdrawal of Proposal

Proposals may be withdrawn upon request by an authorized representative of the Proponent sent to email: [bid@coquitlam.ca](mailto:bid@coquitlam.ca) prior to the closing date & time.

#### 1.15 Proponent Expenses

Proponents are solely responsible for their own expenses in preparing a proposal and for subsequent negotiations with the City, if any. The City will not be liable to any Proponent for any claims, whether costs or damages incurred by the Proponent in preparing the proposal, loss of anticipated profit in connection with any final contract, or any other matter whatsoever.

#### 1.16 No Claim

Except as expressly and specifically permitted in these Instructions to Proponents, no Proponent shall have any claim for any compensation of any kind whatsoever, relating to this RFP including accepting a non-compliant bid, and by submitting a Proposal, each Proponent shall be deemed to have agreed that it has no claim.

1.17 No Contract

This is not a Tender process. No contractual, tort, or other legal obligations are created or imposed on the City, or any other individual, officer or employee of the City with respect to the RFP documentation or by submission or consideration by the City of any Proposal.

1.18 Conflict of Interest

Proponents shall disclose any actual or potential conflicts of interest and existing business relationships it may have with the City, its elected or appointed officials or employees.

1.19 Non-Solicitation

Proponents and their agents will not contact any member of the City Council with respect to this RFP at any time prior to the award of a Contract or the termination of the RFP, and the City may reject the Proposal of any Proponent that makes any such contact.

1.20 Liability for Errors

While the City has used considerable effort to ensure an accurate representation of information in this RFP, the information contained is supplied solely as a guideline for Proponents. The information is not guaranteed or warranted to be accurate by the City, nor is it necessarily comprehensive or exhaustive. Nothing in this RFP is intended to relieve the Proponents from forming their own opinions and conclusions with respect to the work in this RFP.

1.21 Proposal Submission

Proponents should complete and submit the information requested in this section of the RFP document on this Proposal Submission Form or in a format that has been approved and is acceptable to the City.

1.22 Examination of Proposal Documents and Work Sites

The Proponent must carefully examine the Proposal Documents, Facilities and Assets (Equipment). The Proponent may not claim, after the submission of a Proposal, that there was any misunderstanding with respect to the requirements and conditions imposed by the City of Coquitlam.

There will be no opportunity to make any additional claim for compensation or invoice for additional charges that were not considered and included in the Proposal price submitted, unless the City, at its sole discretion, deems that it would be unreasonable to do so, or there are additional work requirements due to unforeseen circumstances.

#### 1.23 Piggy Back Clause

The successful Proponent agrees to allow other local public agencies with similar needs in adjoining municipalities to participate in this contract.

Additional public agencies may opt to enter into a contract with the Contractor for the purchase of the services described in this RFP based on the terms, conditions, prices, and percentages offered by the Contractor to the City of Coquitlam with possibly only minor changes negotiated.

This condition is intended to be means of promoting cooperative purchasing efforts with the public sector, and provide additional value to the Contractor. Any additional contract would be subject to mutual agreement between the Contractor and other public agencies.

## 2. **GENERAL CONDITIONS**

### 2.1 Notification of Award

The City will notify the successful Proponent (“Contractor”) in writing of its decision to award the services. The contract will incorporate by reference the RFP document, addendum issued, the Proposal submitted and will include all correspondence, negotiations and agreed to additional provisions.

The following general conditions apply to this contract.

### 2.2 Health and Safety Requirements

The Contractor shall strictly comply with the current Industrial Health and Safety regulations of WorkSafeBC and the safety policies/procedures of the City of Coquitlam. Other applicable federal, provincial and local regulations and policies concerning the health and safety of workers and general public shall also be followed.

### 2.3 One Year Guarantee

The Contractor shall guarantee to maintain the new work and materials against any defects arising from faulty installation, faulty materials supplied under the contract, or faulty workmanship, which may appear within one (1) year from the date of acceptance of the work by the City. Faulty materials shall be replaced, and any defects discovered or failures which occur during the guarantee period, shall be rectified to the satisfaction of the City on-site within 24 hours of notification. This shall be at no cost to the City of Coquitlam.

All supplied and installed material or equipment coming with a manufacturer’s warranty exceeding the 1 year minimum warranty period shall have its warranty duration indicated on the invoice. Warranty documents or certificates indicating the item(s) covered, warranty duration and start date, shall be attached to the invoice for the work.

### 2.4 Warranties

The Contractor shall provide a full statement of the warranty period and terms, including extended warranty options. This warranty should clearly describe the terms under which the Contractor accepts responsibility for their suppliers and manufacturers to cover the cost to repair defects caused by faulty design, quality of the work or materials and for the applicable period of time after delivery.

## 2.5 Indemnity

The Contractor and any Sub-Contractors shall at all times indemnify and save harmless the City, the Consultant, and Sub-Consultants or any of their officers, employees or agents from and against all claims and demands, losses, costs, damages, actions, suit fees, or other proceedings by whomsoever made, brought or prosecuted, in any manner based upon, occasioned by or attributable to the execution of this assignment, or any action taken or things done or maintained by virtue of this assignment or the exercise in any manner of rights except claims for damage resulting from the negligence of any officer, servant or agent of the City, the Consultant, and Sub-Consultants while acting within the scope of their duties of employment.

## 2.6 Insurance Requirements

The Contractor shall submit, upon award by the City of Coquitlam, a Certificate of Insurance signed by the Insurance Company certifying that the required insurance policies are in force. Such certificate is to be provided as [Certificate of Insurance – Contractor Form](#)

- a) Commercial General Liability (**CGL**) Insurance policy satisfactory to the City in the amount of FIVE MILLION DOLLARS (\$5,000,000) per occurrence covering losses to a third party for bodily injury or death, property damage and unlicensed vehicle , and attached equipment operation with a deductible not greater than \$10,000;
- b) **City of Coquitlam** shall be named as “additional insured” and the policy shall contain the Separation of Insureds and Cross Liability;
- c) CGL insurance shall be placed with insurers licensed to do business in British Columbia, Canada and shall exclude any rights of cross claim against the City or any rights of the insurer or insurers, whether subrogation or otherwise, against the City and against those for whom the City is in law responsible;
- d) Products and Completed Operations Insurance coverage on an all risk basis with a minimum per occurrence limit of FIVE MILLION DOLLARS (\$5,000,000). Completed operations coverage in respect of all the Works shall be maintained for at least twelve (12) months after acceptance of all the Works by the City;
- e) The policy shall not be cancelled, lapsed, transferred, assigned or materially altered without at least thirty (30) days written notice to the City of Coquitlam and the City’s written approval of the cancellation, transfer, assignment or alteration;

- f) Automobile Liability insurance, and maintain third party liability in an amount of not less than TWO MILLION DOLLARS (\$2,000,000.) per occurrence, is required on all licensed vehicles owned or used by the Contractor;
- g) Contractor's Equipment Insurance is required for all equipment owned or rented by the Contractor and employees that provides coverage against all risks of loss or damage with coverage sufficient to allow for immediate replacement, and shall contain a waiver of subrogation against the City; and
- h) The Contractor shall ensure that all Sub-Contractors carry insurance in the form and limits specified in this clause.

Note that the effective date for Certificate of Insurance will be the date of the Notice of Award.

#### 2.7 Independent Contractor

The Contractor is an independent Contractor and this contract does not render the Contractor an agent or employee of the City.

#### 2.8 Business Licence

The Contractor shall maintain a valid City of Coquitlam Business License or Tri Cities Inter-municipal Business License. For information, contact the City's License Department (Tel: 604-927-3085).

[City of Coquitlam Business License](#)

#### 2.9 WorkSafeBC Coverage

The Contractor shall be in good standing with WorkSafeBC and provide a WorkSafeBC Registration Number.

The contractor is responsible for having the site secured in accordance with WorkSafeBC regulations and to perform the work so that there is no risk or danger of hazard to the staff and public at any time during the progress of the work.

#### 2.10 Permits and Licenses

The Contactor will provide and pay for all licenses and permits required to carry out the work.



### 2.11 Clean Up

At the end of each day and at the conclusion of work, the Contractor shall leave the work site in a clean and tidy condition, and dispose of waste materials in accordance with all applicable regulations.

### 2.12 Operations and Coordination of the Services

The Contractor shall agree to coordinate the execution of the Services with the City such that disruption of the work of all involved is minimized. Operations will continue and the facilities will be in full use by staff and public.

### 2.13 Equipment, Materials and Workmanship

The Contractor shall ensure that they are qualified and experienced and have the necessary resources for the successful completion of the work including any amendments as they may occur during the execution of the work.

All work shall be performed by skilled, qualified and experienced Trades personnel.

All equipment, materials and labour utilized and all workmanship shall comply with all current codes, standards, regulations and statutes pertaining to the services including, but not exclusively:

- a) Canadian Standards Association (CSA)
- b) WorkSafeBC
- c) BC Provincial Motor Vehicle Act
- d) BC Building Code and National Building Code
- e) City of Coquitlam relevant by-laws and codes

Equipment must be in good mechanical repair and not require excessive maintenance or create excessive down time that jeopardizes the Contractors ability to provide the services agreed to.

All equipment installation shall be new and the City is to be provided with complete manufacturer's warranties.

### 2.14 WHMIS

All products purchased by the City are considered to be required for use in the workplace. All products are required to be labelled as a hazardous or controlled product and a material safety data sheet (MSDS) are to accompany the shipment and are required as a condition of purchase. Shipment of goods which do not comply will be returned to the Contractor at their expense.

#### 2.15 CSA

All items where applicable must be approved by the Canadian Standard Association (CSA) and will bear the appropriate approval sticker prior to arriving at the designated delivery site. For items arriving without this approval, the City of Coquitlam may deduct the necessary dollar amount per item from the price and arrange for the necessary approval, or return the item(s) at the Contractor's expense for replacement or full credit.

#### 2.16 Qualifications

Firms are required to have experience in the commercial HVAC business, including qualified HVAC technicians with universal refrigerant handling certification.

The Contractor must have a current Province of British Columbia Air Conditioning and Refrigeration Contractors license.

Personnel shall be qualified, maintain a current Province of British Columbia trade qualifications ticket and be experienced in the preventive maintenance and repair services.

Refrigeration technicians working on systems containing chlorofluorocarbons must be licensed to handle ozone-depleting substances.

Electrical trades' personnel must have completed an approved apprenticeship and hold an electrical trade qualification certificate.

Gas fitting personnel must hold a minimum current Gas "B" ticket.

#### 2.17 Identification of Employees

All personnel employed by the Contractor shall at all times be readily identifiable as being an employee of the Contractor. At all times while working on City premises the Contractors employees and sub-trades shall carry on their person, personal photographic identification. Service vehicles shall also have the Contractor's business name clearly marked.

Only employees of the Contractor (or Contractor's approved sub-Contractor(s)) specifically assigned to carry out the work will be allowed to enter the City facilities. While the Contractors employees are on the City's premises, the Contractor shall require them to conduct themselves in a professional manner.

Contractor shall report in and out to the City Site Contact Person when attending sites.

2.18 Inspection of Services

- a) All services provided shall be subject to inspection and shall meet the approval of the City. The City shall have the right to reject the work or to require correction.
- b) Acceptance or rejection of the work shall be made as promptly as practical, but failure to accept or reject the work shall not relieve the Contractor from responsibility for services provided not in accordance with the contract.
- c) The City will not be deemed to have accepted the services by virtue of a partial or full payment for it.

2.19 Force Majeure

The Contractor will not be liable for any excess costs if failure to perform is due to strike, lockout, or other circumstances beyond control. The City will not be liable where delivery sites are not available due to strike, lockout, or other unique circumstances.

2.20 Damage and Defects

The Contractor shall use due care so that no persons are injured, or no property damaged or lost in providing the services. The Contractor shall be solely responsible for all loss, damages, costs and expenses in respect of any injury to persons, damage of property, or infringement of the rights of others incurred in the performance of the services or caused in any other manner whatsoever by the Contractor or its employees. The Contractor shall rectify any loss or damage for which, in the opinion of the City, the Contractor is responsible, at no charge to the City and to the satisfaction of the City.

Alternatively, the City may repair the loss or damage and the Contractor shall pay to the City the costs of repairing the loss or damage upon demand from the City. Where, in the opinion of the City, it is not practical or desirable to repair the loss or damage, the City may estimate the cost of the loss or damage and deduct such estimated amount from the amount owing to the Contractor.

### 2.21 Default

The City reserves the right, at its sole discretion, to immediately terminate the contract, in whole or in part, and utilize the services of any other Contractor, if the successful Contractor:

- a) Fails to make delivery of the services
- b) Fails to perform any provision of the contract within the time specified, or within a reasonable amount of time if no time is specified, as determined by the City
- c) Fails to meet the City's standard of expected and agreed level of service and performance
- d) Be adjudged bankrupt or makes general assignment for the benefit of creditors

### 2.22 Cancellation

The contract may be cancelled by either party for any reason without cause or penalty upon 60 days written notice.

The Contractor would be paid for services completed at time of cancellation.

### 2.23 Dispute Resolution

The parties will make reasonable efforts to resolve any dispute, claim or controversy arising out of this contract using the following dispute resolution procedures:

- a) Negotiation – the parties will make reasonable efforts to resolve any dispute by amicable negotiations and will provide frank, candid and timely disclosure of all relevant facts, information and documents to facilitate negotiations.
- b) Mediation – If all or any of a Dispute cannot be resolved by good faith negotiations within 30 days, either party may refer the matter to mediation. Within 10 days of delivery of notice, the parties will mutually appoint a mediator. If the parties fail to agree on the appointment of the mediator, then either party may apply to the BC International Commercial Arbitration Centre for appointment of a mediator. The parties will continue to negotiate in good faith to resolve the Dispute with the assistance of the mediator. The place of mediation will be Coquitlam, British Columbia. Each party will bear its own costs of participating in the mediation.

- c) Litigation – If within 90 days of the request of the mediation, the Dispute is not settled, or if the mediator advises that there is no reasonable possibility of the parties reaching a negotiated resolution, then either party may without further notice, commence litigation in Metro Vancouver area.

#### 2.24 Confidentiality

The Contractor agrees that proprietary City information obtained in providing the services will be treated as confidential and not disclosed.

#### 2.25 Advertisement

The Contractor shall not advertise its relationship with the City without prior written consent from the City.

#### 2.26 Subletting

The Contractor will not, without the written consent of the City of Coquitlam, assign, and sublet or transfers any subsequent contract or any part thereof.

#### 2.27 Law

The RFP and any resultant award shall be governed by and construed in accordance with the laws of the Province of British Columbia.

#### 2.28 Non-exclusivity

The intent of the City is to have one service provider but the acceptance of any proposal, and upon award, does not entitle any Contractor to exclusive rights for the provision of the services.

The City may, at its option, issue a written scope of work for specific projects, requesting from the Contractor a written quote to perform the work based on lump sum or the accepted hourly rates, or the City may at its option, choose to competitively bid large scope special projects.

## 2.29 Payments – Invoicing

- a) Service calls & repairs shall be invoiced at the completion of each visit, according to the service rates established in this Contract.
- b) All invoices are to be in .pdf format sent to email: [apinvoices@coquitlam.ca](mailto:apinvoices@coquitlam.ca)
- c) Invoices shall include, at a minimum, the following information:
  - Current Open/Standard Purchase Order Number
  - City Work Order Number
  - Facility Name and address of where work was completed
  - Hourly rates and charges
  - Total number of hours worked
  - Detailed List of materials supplied and installed including costs and mark-up
  - Description of work performed

Contractor is required, upon request of the City, to provide back-up documentation to verify material supplies and equipment costs and detailed breakdown of hours used in repairs/installations.

- d) The Contractor shall be paid net 30 days from receipt of valid invoice and acceptance of the goods and/or services, whichever is the later, unless alternate payment terms have been agreed to between the Contractor and the City.
- e) Invoices shall show taxes separately.

Failure to comply with invoice criteria listed above may result in invoices being returned for correction and payment delayed until above criteria has been provided.

A City Contract Purchase Order for the services will be issued to the successful Proponent based on the proposal submitted and as finally negotiated.  
Invoice rates in excess of the PO will not be accepted.

### 3. SCOPE OF SERVICES

#### 3.1 Services

Services shall include but are not limited to the following;

- a) Preventative and Corrective maintenance, including inspections, servicing and general repairs of air conditioning, refrigeration and associated mechanical building system equipment.
- b) Is responsible for maintaining the assets to a high standard of performance.
- c) Provide supervision, labour, tools, materials, equipment, transportation, permits and licenses.
- d) Is responsible to assign a qualified foreman/supervisor to oversee the inspection of the assets to ensure that equipment is in conformance with the plans, specifications, and special requirements of the Original Equipment Manufacturer (OEM).
- e) The assigned technician must report to designated City staff, keeping the City appraised of status of work being done (e.g. date/time/and delays.)
- f) Provide all air filters for all equipment covered under this service contract. Contractor shall replace or clean such filters as required during the scheduled Preventive Maintenance (PM) Service.
- g) Provide all belts for all equipment covered under this service contract. Contractor shall replace all belts as required during the scheduled Preventive Maintenance (PM) Service. A minimum spare of one belt size per air handling unit must be maintained on site.
- h) If the filters or belts fail before the next Preventive Maintenance, the City may replace at their discretion.
- i) Test all safety devices and governors when and where applicable.
- j) Assist the City in maintaining the HVAC asset, filter and belt lists.
- k) Lift Equipment is **NOT** provided by the City with the exception of Coquitlam City Centre Library. Where a lift is required it is the responsibility of the contractor. Service Centre & Fire Halls require a 25 foot lift for the tube radiant heater services.

Refer to **Appendix A - HVAC Equipment Inventory, Address, Belt & Filter List**

#### 3.2 Excluded Equipment

The domestic water systems and hot water on demand systems are excluded

The pool filtration systems and arena refrigeration systems are excluded

The pumps that are directly associated with the boilers are excluded.

Refer to: **Appendix B – Excluded Asset List**

### 3.3 Energy Management

Contractor shall ensure that all repairs and/or replacement materials shall take into account the City's directive and objective for a more Energy Efficient Management Program for City Facilities.

All repairs and/or replacement materials shall be of the same or higher standard in terms of Energy Consumption to achieve significant and sustainable savings in energy use and cost efficiencies.

The Contractor is required to identify all opportunities during the course of maintenance or repair services within City Facilities for installation of products and equipment that would reduce electrical energy consumption, or provide other forms of environmental benefits. This includes utilization of BC Hydro Power Smart recommended products and rebate or incentive programs.

### 3.4 Regular Working Hours

The regular working hours shall be 7:00am to 5:00pm, Monday through Friday. No work will be performed outside of regular working hours without the prior approval of the City.

### 3.5 Emergency Repair Services Requests

The Contractor shall maintain a twenty-four (24) hour emergency response service for the duration of the Agreement and have one or more qualified technicians available for after hour emergencies.

Contractors must have their contacts respond within thirty (30) minutes from the time a call-out is made by means of calling back to the source.

Emergency callouts shall be attended within one (1) hour of responding to the call.

Note: If the Contractor does not respond within the expected timeframe, the City reserves the right to utilize the services of other Contractors.

### 3.6 Scheduled After Hours Services Requests

Contractors must be prepared to work as required on weekends and outside of normal working hours, if requested by the City.



### 3.7 Preventative Maintenance Services

The contractor is expected to maintain all assets as per the City's PM schedule.

Repairs required outside the scope of the PM Service shall be identified and discussed with designated City staff. Written quotation and approval (follow up work order) will be required prior to proceeding with repairs outside the scope of the PM Service.

If the equipment is "End of Life" (EOL) the Contractor shall report why the equipment is End of Life.

### 3.8 Additional Sites and Equipment

Additional sites and equipment may be added onto this contract. The Contractor shall submit a price proposal to the City, which if approved through cost review, will be added to the contract by the City.

### 3.9 Refrigerant Handling

The Contractor must comply with all laws, codes and regulations concerning fully halogenated CFC refrigerants and their recovery.

### 3.10 Worksite Security Procedures

The Contractor will be required to report to the City designated staff upon arrival, before starting any work and prior to departure from the work site. An identity badge, parking pass and/or keys for equipment room access may be required.

Contractor's personnel required to perform work at the Public Safety Building, and any other sites as designated by the City, shall be required to successfully complete and maintain a security clearance for the duration of this contract. The Contractor must have on call, at least one security cleared employee for after hours callouts to the Public Safety Building or other security designated sites. Any employees denied security clearance shall be restricted from entering the designated worksites, and the Contractor shall provide an employee who has obtained a security clearance.

Any costs for obtaining security clearance will be the responsibility of the Contractor.

### 3.11 Work Requests

Preventative Maintenance: The City Maintenance Management System will issue PM work orders as per the contract agreement.

Corrective Maintenance: The City Maintenance Management System will issue CM work orders “as needed and when requested” for any unscheduled service or repairs required at any City facility.

### 3.12 Contractor Maintenance Inspection Report

A worksheet/field report must be completed by the Contractor for any work performed at a work site. The worksheets shall specify the labour type, number of hours, materials and any other charges. Worksheets may include pictures detailing the condition of the area in need of repair, both before commencement and after completion of the work.

A copy of the worksheet must be attached to the invoice upon submission.

Where applicable, worksheets for preventive maintenance work may include checklists of items inspected and/or serviced, and are to be signed by the technician.

Worksheets, Invoices and reports must correctly identify asset tag ID of equipment being serviced. Should assets be without identification, then the Contractor and the City shall devise an identification system whereby to label and identify.

### 3.13 Facility Contact Sheet

The City shall provide to the successful Contractor, a staff contact list for all buildings.

#### **4. PREVENTATIVE MAINTENANCE INSPECTIONS**

The Preventative Maintenance Schedule consists of (4) visits annually, a service every 3 Months.

- **March** - Major Inspection / Service (focus on Cooling Systems)
- **June** - Minor Inspection / Service
- **September**– Major Inspection / Service (focus on Heating Systems)
- **December** – Minor Inspection / Service

Refer also to **Appendix C –Maintenance Inspection Services - Price Worksheet**

##### 4.1 HVAC Major Inspection / Service

###### **Assets and typical job plans:**

###### **Pumps (related to HVAC only) - Major Inspections / Service (March and September)**

- 1) Check motor mounts and vibration isolation.
- 2) Check and record operating data, suction and discharge pressures as required
- 3) Check and clean strainers.
- 4) Inspect valves for freedom of operation (open-close).
- 5) Inspect electrical connections & contactors; tighten all loose connections.
- 6) Test and record voltage and amperage as required
- 7) Check seals or pump packing as required.
- 8) Check pump alignment and coupling.
- 9) Check operation of motor.
- 10) Lubricate pump and motor bearings as per manufacturer's recommendations, listen for any bearing noise.
- 11) All deficiencies are to be reported on Field Reports.

4.2 Exhaust Fans / Supply Fans - Major Inspections / Service (March and September)

- 1) Check electrical connections and interlocks; tighten all loose connections.
- 2) Check back draft damper operation (manual or motorized).
- 3) Test and record voltage and amperage as required
- 4) Check operation of motor.
- 5) Check fan and wheel assembly.
- 6) Check pulleys and alignment.
- 7) Check belts and calibrate; replace as required.
- 8) Inspect bird screens, clean as required.
- 9) Listen for bearing noise and fan vibration and report.
- 10) Check motor mounts and vibration isolation.
- 11) Lubricate pump and motor bearings as per manufacturer's recommendations, listen for any bearing noise.
- 12) All deficiencies are to be reported on Field Reports

4.3 Controls (NON-DDC) – Major Inspections / Service (March and September)

- 1) Review sequence of operation
- 2) Conduct regular operational checks of:
  - thermostat relays
  - pressure switches
  - Starter
  - contactors
  - dampers
  - control valves
  - actuators
  - all safety controls and limits
  - static pressure switch(es)
  - all wiring from disconnect switches to unit, including fuses, heaters and relays
- 3) Complete major component inspection
- 4) All deficiencies are to be reported on Field Reports

4.4 HVAC – Cooling Systems - Major Inspections / Service (March)

- 1) Brush and clean unit as necessary
- 2) Replace air filters
- 3) Check cleanliness of coil and identify in field report if cleaning is required
- 4) Check coils for damage or corrosion. Comb coils if required
- 5) Check condensate pan and drain and ensure that the water flows correctly. Clean if required
- 6) Check unit housing for leaks
- 7) Check belts and pulleys for tension and alignment; adjust as necessary  
(Belt changes as required)
- 8) Lubricate all bearings as per manufacturer's recommendation
- 9) Check and calibrate all positions of the fresh air intake. Check and calibrate all positions of the economizer operation
- 10) Check refrigerant system under full load simulation
- 11) Check refrigerant charge and oil levels (where possible)
- 12) Check suction and discharge pressure
- 13) Check operating pressures and temperatures (supply and discharge) as required
- 14) Check and calibrate low ambient controls if possible
- 15) Check noise and vibration; report any deficiencies
- 16) Check contactors for carbon deposit and discoloration
- 17) Check and calibrate all operational and safety controls and report any deficiencies
- 18) Check wiring for signs of overheating and loose connections (Tighten if required and make any minor repairs)
- 19) Check and tighten motor and compressor leads
- 20) Check voltage and amperage draw for unit as required
- 21) Check disconnects
- 22) All deficiencies are to be reported to on Field Reports

4.5 HVAC - Heating Systems– Major Inspections / Service (September)

- 1) Brush and clean unit as necessary
- 2) Replace air filters
- 3) Check cleanliness of coil and identify in field report if cleaning is required
- 4) Check pilot, thermocouples, igniters, glow coils and gas valve operation
- 5) Inspect heat exchanger visually for cracks and corrosion.
- 6) Inspect draft hood and/or operation of vent motors, fans and safeties
- 7) Inspect burner during operation. If orifices and burners need cleaning or adjustment, perform duties
- 8) Calibrate pilot and burners for proper and efficient operation
- 9) Check and calibrate fan, temperature and safety controls
- 10) Check belts and pulleys for tension and alignment; calibrate as required
- 11) Lubricate all bearings as recommended by manufacturer
- 12) Check electrical connections; tighten if required
- 13) Check motor leads
- 14) Check and clean all contactors and modules of debris
- 15) Check fresh air intake positions and/or economizer operation
- 16) Clean fresh air intake positions and/or economizer operation
- 17) Inspect venting system from unit to top. Report any rusting on Field Reports
- 18) Listen for bearing noise and unit vibration
- 19) Check wiring for signs of overheating
- 20) Check the units visually for any problems
- 21) All deficiencies are to be reported on Field Reports

4.6 HVAC - Minor Inspections / Service

**The Minor Inspections are to be completed in December and June between both Major Annual Inspections.**

- 1) Replace air filters
- 2) Check general housekeeping, clean if necessary
- 3) Check refrigeration equipment and controls during cooling season
- 4) Check burners and heating controls during heating season
- 5) Check flame pattern and size; calibrate as required
- 6) Check belts and pulleys for tension; calibrate and replace belts as required
- 7) Lubricate all moving parts, as required
- 8) Check fresh air intake position and/or economizer operation
- 9) Listen for bearing noise and unit vibration
- 10) Check temperature control set points as required
- 11) All deficiencies are to be reported on Field Reports

**City of Coquitlam RFP 16-05-08 HVAC Systems Maintenance & Repair Services  
Appendix A - HVAC Equipment Inventory, Address, Belt & Filter List**

CODE	ASSET	UNIFORMAT	TAG	MAKE / MODEL	SERIAL #	FILTER (all pleated filters must be a minimum of MERV 8)	BELTS
<b>BD0301.D3000</b>	<b>AUSTIN FIREHALL - 428 Nelson Ave</b>	<b>BD0301.D3000</b>					
72856	Furnace, FURN-4, main floor furnace room, services workshop - Austin Firehall	BD0301.D3020	FURN-4,	TM9T080B12MP11B	W1M4326197	1-12x24x1 TA	
72857	Furnace, FURN-5, main floor furnace room, serves hose tower - Austin Firehall	BD0301.D3020	FURN-5	DJX20 / R	S63056	2-20x25x2 PL	1-A30
45780	Infrared Heater, RH-1, Truck Bay, Truck Bay	BD0301.D3020	RH-1	CRV-16	880528	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45781	Infrared Heater, RH-2, Truck Bay, Truck Bay	BD0301.D3020	RH-2	CRV -16	880530	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45782	Infrared Heater, RH-3, Truck Bay, Truck Bay	BD0301.D3020	RH-3	CRV -16	880529	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45783	Infrared Heater, RH-4, Truck Bay, Truck Bay	BD0301.D3020	RH-4	CRV -A6	880531	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45784	Infrared Heater, RH-5, Truck Bay, Truck Bay	BD0301.D3020	RH-5	CRV -A6	880532	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45785	Infrared Heater, RH-6, Truck Bay, Truck Bay	BD0301.D3020	RH-6	CRV -A6	880526	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45786	Condensing Unit, CU-1, Roof, Basement	BD0301.D3030	CU-1	CZBB03011B	WOD5011555		
45787	Condensing Unit, CU-2, Roof, Main floor	BD0301.D3030	CU-2	CZB04211A	WOB557216		
45788	Condensing Unit, CU-3, Roof, 2nd floor	BD0301.D3030	CU-3	CZB04811A	WOC5705963		
45791	Exhaust Fan, EF-1, Roof, Truck Bay	BD0301.D3040	EF-1	PRN12GE	WMB908001		
45792	Exhaust Fan, EF-2, Roof, Truck Bay	BD0301.D3040	EF-2	PRN12GE	WMB908001		
45793	Exhaust Fan, EF-3, Roof, Washroom	BD0301.D3040	EF-3	PRN110	WMB908003		
45794	Exhaust Fan, EF-4, Roof, Washroom	BD0301.D3040	EF-4	PRN110	WMB908004		
56350	Exhaust Fan, Roof, EF-5	BD0301.D3040	EF-5	L200			
56352	Electric Fan Heater, Breathing Apparatus Maintenance Room, EH-1	BD0301.D3040	EH-1				
56354	Exhaust Fan, KE-1	BD0301.D3040	KE-1	Allure			
56355	Exhaust Fan, KE-2	BD0301.D3040	KE-2	Allure			
65337	Heat Pump, HPS-1, Basement Mechanical Room, Austin Firehall	BD0301.D3050	HPS-1	YZF04813CA	W1C3600704	1-16x25x1 media	
65338	Heat Pump, HPS-2, Basement Mechanical Room, Austin Firehall	BD0301.D3050	HPS-2	YZF04214CAC	W1B3482826	1-16x25x1 media	
65339	Heat Pump, HPS-3, Basement Mechanical Room, Austin Firehall	BD0301.D3050	HPS-3	YXF03013CA	W1D3617218	1-16x25x1 media	
<b>BD0302.D3000</b>	<b>BURKE MOUNTAIN FIRESTATION - 3501 David Ave</b>	<b>BD0302.D3000</b>					
70866	VRF, HP-1, Roof, all FCU 1 to 10, Burke Mountain Firestation	BD0302.D3030	HP-1	Pury-96TKMU-A	2ZW00500		
70867	VRF, HP-2, Roof, all FCU 1 to 10, Burke Mountain Firestation	BD0302.D3030	HP-2	Pury-96TKMU-A	3XW01041		
70970	TB Clgn Fan, CF-1, Truck Bay, Truck Bay, Burke Mountain Firestation	BD0302.D3040	CF-1	Powerfil X2.0			
70971	TB Clgn Fan, CF-2, Truck Bay, Truck Bay, Burke Mountain Firestation	BD0302.D3040	CF-2	Powerfil X2.0			
70972	TB Clgn Fan, CF-3, Truck Bay, Truck Bay, Burke Mountain Firestation	BD0302.D3040	CF-3	Powerfil X2.0			
70973	TB Clgn Fan, CF-4, Truck Bay, Truck Bay, Burke Mountain Firestation	BD0302.D3040	CF-4	Powerfil X2.0			
70968	Dry Booster Fan, DBF-1, Laundry, Laundry, Burke Mountain Firestation	BD0302.D3040	DBF-1	VK100			
70873	Exhaust Fan, EF-1, Roof, Vehicle Ex, Burke Mountain Firestation	BD0302.D3040	EF-1	FQ406N4ARD0			
70874	Exhaust Fan, EF-2, Roof, Vehicle Ex, Burke Mountain Firestation	BD0302.D3040	EF-2	FQ406N4ARD0			
70875	Exhaust Fan, EF-3, Janitor Room, Janitor Room, Burke Mountain Firestation	BD0302.D3040	EF-3	SE80Q			
70876	Exhaust Fan, EF-4, Gear Storage, Gear Storage, Burke Mountain Firestation	BD0302.D3040	EF-4	Z101S			
70965	Exhaust Fan, EF-5, Hose Tower, Hose Tower, Burke Mountain Firestation	BD0302.D3040	EF-5	Z121STDA			
70966	Exhaust Fan, EF-6, Janitor Room, Electrical Room, Burke Mountain Firestation	BD0302.D3040	EF-6	Z102STDA			
70967	Exhaust Fan, EF-7, Water Entry, Water Entry, Burke Mountain Firestation	BD0302.D3040	EF-7	SE80Q			
70974	Force Flow (Electric), FF-1, Main Floor Lobby, Main Floor, Burke Mountain Firestation	BD0302.D3040	FF-1	OVS1502			
70872	Exhaust Fan, KEF-1, Roof, Kitchen, Burke Mountain Firestation	BD0302.D3040	KEF-1	D13			1-4L340
70969	Shop Vent, SF-1, Shop 106, Shop, Burke Mountain Firestation	BD0302.D3040	SF-1	Z102STDA			
70856	FCU (Heat & Cool), FCU-1, Washroom, Community Room, Burke Mountain Firestation	BD0302.D3050	FCU-1	PEFY-P36NMAU-E2		1-9x54x2 PL	
70864	FCU (Heat & Cool), FCU-10, Gear Store Room, Gear Store Room, Burke Mountain Firestation	BD0302.D3050	FCU-10	PEFY-P12NMAU-E2		1-9x26x2 PL	
70865	FCU (Heat Only), FCU-11, Mech Room, Kitchen, Burke Mountain Firestation	BD0302.D3050	FCU-11	HH-R010W2R021R000		1-17x28x1 TA	
70857	FCU (Heat & Cool), FCU-3, M/F Washoom, Training 200, Burke Mountain Firestation	BD0302.D3050	FCU-3	PEFY-P36NMAU-E2		1-9x54x2 PL	
70858	FCU (Heat & Cool), FCU-4, Fitness Room, Fitness Room, Burke Mountain Firestation	BD0302.D3050	FCU-4	PEFY-P30NMAU-E2		1-9x43x2 PL	
70859	FCU (Heat & Cool), FCU-5, M/F Washoom, Dorm, Burke Mountain Firestation	BD0302.D3050	FCU-5	PEFY-P30NMAU-E2		1-9x42x2 PL	
70860	FCU (Heat & Cool), FCU-6, Large Washroom, Dorm, Burke Mountain Firestation	BD0302.D3050	FCU-6	PEFY-P24NMAU-E2		1-9x42x2 PL	
70861	FCU (Heat & Cool), FCU-7, Multi Purp Room, Multi Purp Room, Burke Mountain Firestation	BD0302.D3050	FCU-7	PVfy-P48E00B		1-24x24x2 PL	
70862	FCU (Heat & Cool), FCU-8, Kitchen Cupboard, Kitchen, Burke Mountain Firestation	BD0302.D3050	FCU-8	PEFY-P36NMAU-E2		1-9x54x2 PL	
70863	FCU (Heat & Cool), FCU-9, Mech Room, Comms room 213, Burke Mountain Firestation	BD0302.D3050	FCU-9	PEFY-P12NMAU-E2		1-9x17x2 PL	
70870	Heat Recovery (Air to Air), HRV-1, West Mech Room, Fan Coils West, Burke Mountain Firestation	BD0302.D3050	HRV-1	E1100-F1		Washables	
70871	Heat Recovery (Air to Air), HRV-2, East Mech Room, Fan Coils East, Burke Mountain Firestation	BD0302.D3050	HRV-2	E1100-F1		Washables	
70976	Unit Heater, UH-1, Mech Room, Mech Room, Burke Mountain Firestation	BD0302.D3050	UH-1	H-18			
<b>BD0305.D3000</b>	<b>BLUE MTN W/R - 975 King Albert Ave</b>	<b>BD0305.D3000</b>					
56356	Exhaust Fan, EF-1	BD0305.D3040	EF-1	365	31619		
56357	Electric Radiant Heater, Concession & Washroom, RH-1	BD0305.D3040	RH-1				
<b>BD0318.D3000</b>	<b>POIRIER LIBRARY - 575 Poirier St</b>	<b>BD0318.D3000</b>				<b>all filters / not per unit</b>	
45883	electric duct heater	BD0318.D3020	EDH-1	207- sc		1-16x32x1 Poly Media	
45884	electric duct heater	BD0318.D3020	EDH-2	207- sc		1-16x20x1 Replacement Sleeve	
45885	electric duct heater	BD0318.D3020	EDH-3	207- rfc		2-20x32 Replacement Sleeve	
45886	electric duct heater	BD0318.D3020	EDH-4	207- sc		2-20x24 Replacement Sleeve	
52346	Heat Pump, HP-1, Library Ceiling, Tech Services	BD0318.D3020	HP-1	EC04838C-FIE	RJ127345	1-20x30 Replacement Sleeve	
52355	Heat Pump, HP-10, Library Ceiling, South East Offices	BD0318.D3020	HP-10	EC0603hzc	RJ127433	1-14x20 Replacement Sleeve	
52356	Heat Pump, HP-11, Library Ceiling, Ceiling Space	BD0318.D3020	HP-11	EC0603hzc	RJ127467	22-18x20x1 Replacement Sleeve	1-A34
52357	Heat Pump, HP-12, Library Ceiling, East Office	BD0318.D3020	HP-12	EC0603hzc	RJ127416		
52358	Heat Pump, HP-13, Library Ceiling, Heatreclaim, Washroom Exhaust	BD0318.D3020	HP-13	EC0603hzc	RJ128594		
52359	Heat Pump, HP-14, Library Ceiling, Server Room	BD0318.D3020	HP-14	EC0703hzc	RJ127445		
52360	Heat Pump, HP-15, Library Ceiling, Middle Office	BD0318.D3020	HP-15	EC0483hzc	RJ127382		
52361	Heat Pump, HP-16, Library Ceiling, North East Office	BD0318.D3020	HP-16	EC0483hzc	J127381		
60002	Heat Pump, HP-17, Poirier Library Computer Room	BD0318.D3020	HP-17	EC018-IHZC-FLS	3540-308-000001-T111M2389		

**City of Coquiltam RFP 16-05-08 HVAC Systems Maintenance & Repair Services  
Appendix A - HVAC Equipment Inventory, Address, Belt & Filter List**

CODE	ASSET	UNIFORMAT	TAG	MAKE / MODEL	SERIAL #	FILTER (all pleated filters must be a minimum of MERV 8)	BELTS
52347	Heat Pump, HP-2, Library Ceiling, Multilingual - Stacks	BD0318.D3020	HP-2	ECO723HZC	2J126911		
52348	Heat Pump, HP-3, Library Ceiling, North Offices	BD0318.D3020	HP-3	ECO603hzc	RJ127466		
52349	Heat Pump, HP-4, Library Ceiling, North West Offices	BD0318.D3020	HP-4	ECO483hzc	0		
52350	Heat Pump, HP-5, Library Ceiling, Stacks	BD0318.D3020	HP-5	ECO723hzc	RJ126928		1-A48
52351	Heat Pump, HP-6, Library Ceiling, South Corridor	BD0318.D3020	HP-6	ECO963hzc	RJ127054		1-A46
52352	Heat Pump, HP-7, Library Ceiling, Staff Room	BD0318.D3020	HP-7	ECO603hzc	RJ127415		
52353	Heat Pump, HP-8, Library Ceiling, Sound Area	BD0318.D3020	HP-8	ECO603hzc	RJ127436		
52354	Heat Pump, HP-9, Library Ceiling, South East Corridor	BD0318.D3020	HP-9	ECO603hzc	RJ127435		
56359	Fan, South Side Through Access Hatch, FS-1	BD0318.D3040	FS-1	207			1-A31
56358	Fan, North Side Through Access Hatch, FS-2	BD0318.D3040	FS-2	SA55NXTD-4491	840CV		1-A34
<b>BD0322.D3000</b>	<b>VICTORIA HALL - 3435 Victoria Dr</b>	<b>BD0322.D3000</b>					
52004	Air Conditioner, AHU-1, Upper level Mezzanine, Upper Auditorium	BD0322.D3000	AHU-1	AC096F32-A-a	0610-66575E	2-20x25x2 TA	1-B52
52003	Air conditioner, Evaporator Unit, AHU-2, Upper level Mezzanine, Upper Auditorium	BD0322.D3000	AHU-2	AC096F32A-A	0610-6675C		1-B53
52005	Exhaust Fan, EF-1, Upper level Mezzanine, Upper Auditorium	BD0322.D3000	EF-1	VCDK008C			
52006	Exhaust Fan, EF-2, Upper level Mezzanine, Upper Auditorium	BD0322.D3000	EF-2	VCD020C			
52002	Furnace, Furn-1, Lower Floor Mechanical room, Lower Floor Day Care	BD0322.D3000	FURN-1	AC-150	M4-185	1-20x25x1 TA	
52007	Return Fan, RF-1 Upper level Mezzanine, Upper Auditorium	BD0322.D3000	RF-1	Q23			
56360	Duct Heater, Attic, DH-1	BD0322.D3040	DH-1	SC-CTPB	178164-001		
56361	Duct Heater, Attic, DH-2	BD0322.D3040	DH-2	SC-CTPB	178164-001		
56362	Exhaust Fan, Upper Bathroom, EF-3	BD0322.D3040	EF-3				
56363	Exhaust Fan, Women's Bathroom, EF-4	BD0322.D3040	EF-4	F684N	01H16M		
56364	Exhaust Fan, Men's Bathroom, EF-5	BD0322.D3040	EF-5	F684N	01H16M		
<b>BD0323.D3000</b>	<b>DOGWOOD PAVILION - 1655 Winslow Ave</b>	<b>BD0323.D3000</b>				<b>all filters / not per unit</b>	
45601	Electric Heater 01, Wall	BD0323.D3020	EH-1	OFM10002		4-12x20x1 PL	
45602	Electric Heater 02, Wall	BD0323.D3020	EH-2	OAC01500		4-24x36x1 P10T	
45603	Electric Heater 03, Ceiling	BD0323.D3020	EH-3	OACP2000		12-17-1/2x23-1/4x2 EXACT PL	
45609	Rooftop HVAC Unit 05, Roof-South, ACT Room	BD0323.D3030	HVAC05	GCS16-653-125-5Y	5694H11384	4-20x25x2 Poly Media	
56368	Condensor, CU-1 Roof Top Unit - Woodshop (serves RTU-1)	BD0323.D3030	CU-1	YCID60S4353A	W1G1184588	1-16x25x2 Poly Media	
56369	Evaporator Coil, EC-1 - Indoor - Woodshop (serves CU-1/ includes condensate pump)	BD0323.D3030	EC-1	HD60S3XH1H	W1H1227547	8-16x25x2 TA	
45621	Exhaust Fan 01, Roof, New Craft Room	BD0323.D3040	EF-1	GB-081-4X-QD-R3	110244150709		1-3L190
45622	Exhaust Fan 02, Roof, Washrooms	BD0323.D3040	EF-2	GB-081-4X-QD-R3	109587150707		1-3L180
45623	Exhaust Fan 03, Roof, Kitchen Exhaust Hoods	BD0323.D3040	EF-3	Cube-2X0HP-LMDG-QD	108881700705		
45624	Exhaust Fan 04, Ceiling Space, Lapidary Room	BD0323.D3040	EF-4	CSP-A390			
45625	Exhaust Fan 05, Ceiling Space, Washroom	BD0323.D3040	EF-5	SP-A-125			
56370	Exhaust Fan, Southeast, EF-6	BD0323.D3040	EF-6	Domex	AO24		
56371	Exhaust Fan, Southwest, EF-7	BD0323.D3040	EF-7	Domex	AO24		
56372	Exhaust Fan, West, EF-8	BD0323.D3040	EF-8	GB-091-4X-QD-R3	1.09587E+11		
45615	Rooftop Unit 01, Roof, Woodworking Workshop	BD0323.D3040	RTU-1	DJE 20/0	542807RTU-1		1-B28
45616	Rooftop Unit 02, Roof, New Meeting Room	BD0323.D3040	RTU-2	48JHD006-541	3607G030337		1-A39
77656	Rooftop Unit 03, Roof, New Craft Room	BD0323.D3040	RTU-3	ZXG04E2B1AA1A111A1-UPG	SN1G5838069		1-A40
45618	Rooftop Unit 04, Roof, Country Kitchen N-135	BD0323.D3040	RTU-4	48TME007-501	4107G40300		1-A36
45619	Rooftop Unit 05, Roof, Lounge Extension	BD0323.D3040	RTU-5	48JHD005-541	3607G40331		1-A36
45620	Rooftop Unit 06, Roof, Kitchen Makeup air	BD0323.D3040	RTU-6	HE 40/0	S42807RTU-6		1-A36
65319	Rooftop HVAC Unit, HPS-1, Roof, Dogwood Pavilion	BD0323.D3050	HPS-1	DPS012AHHG2PW	FBOU130500058		
65336	Rooftop HVAC Unit, HPS-10, Roof, Dogwood Pavilion	BD0323.D3050	HPS-10	48EZ-A2404030	1513C00998		
65320	Rooftop HVAC Unit, HPS-2, Roof, Dogwood Pavilion	BD0323.D3050	HPS-2	DPS007AHHG2PW	FBOU130500066		
65321	Rooftop HVAC Unit, HPS-3, Roof, Dogwood Pavilion	BD0323.D3050	HPS-3	48EZ-A3606050	2513C10774		
65322	Rooftop HVAC Unit, HPS-6, Roof, Dogwood Pavilion Rooftop south	BD0323.D3050	HPS-6	48EZ-A601305	1513C39434		
65324	Rooftop HVAC Unit, HPS-7, Roof, Dogwood Pavilion	BD0323.D3050	HPS-7	48EZ-A6013050	1513C39436		
65328	Rooftop HVAC Unit, HPS-8, Roof, Dogwood Pavilion	BD0323.D3050	HPS-8	48EZ-A6013050	1513C39435		
65332	Rooftop HVAC Unit, HPS-9, Roof, Dogwood Pavilion	BD0323.D3050	HPS-9	48EZ-A6013050	1513C39437		
<b>BD0327.D3000</b>	<b>TC FIREHALL - 1300 Pinetree Way</b>	<b>BD0327.D3000</b>					
72855	Furnace, FURN-6, hose tower, TC Firehall	BD0327.D3020	FURN-6	MTI-HMD 11-150	38457B1506	1-12x26x2 TA	1-A36
45739	Furnace, Mechanical Room	BD0327.D3020	FURN7	SCE150352	N/A	Washable	
45741	Infrared tube heater, Garage	BD0327.D3020	IRH1	CRV-A6	86-0991	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45742	Infrared tube heater, Garage	BD0327.D3020	IRH2	CRV-A6	86-0993	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45743	Infrared tube heater, Garage	BD0327.D3020	IRH3	CRV-A6	86-0017	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45744	Infrared tube heater, Garage	BD0327.D3020	IRH4	CRV-A6	86-0990	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45745	Infrared tube heater, Garage	BD0327.D3020	IRH5	CRV-A6	86-0018	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45746	Infrared tube heater, Garage	BD0327.D3020	IRH6	CRV-A6	86-0556	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45731	Exhaust fan, roof	BD0327.D3040	EF1	C-B185XQD	86101790		1-A32
45732	Exhaust fan, roof	BD0327.D3040	EF2	C-B185XQD	86101794		1-A32
56373	Washroom Exhaust, EF3	BD0327.D3040	EF3				
56374	FireTruck Exhaust Fan, EF4	BD0327.D3040	EF4	HBDI-130	304984		
<b>BD0329.D3000</b>	<b>MARINER FIREHALL - 775 Mariner Way</b>	<b>BD0329.D3000</b>					
45764	Infrared heater, Truck Bay, Truck Bay	BD0329.D3020	1R1	CRV-B6	90-0091	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45765	Infrared heater, Truck Bay, Truck Bay	BD0329.D3020	1R2	CRV-B6	90-0092	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45766	Infrared heater, Truck Bay, Truck Bay	BD0329.D3020	1R3	CRV-B6	90-0093	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45767	Infrared heater, Truck Bay, Truck Bay	BD0329.D3020	1R4	CRV-B6	90-0094	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45768	Infrared heater, Truck Bay, Truck Bay	BD0329.D3020	1R5	CRV-B6	90-0095	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45769	Infrared heater, Truck Bay, Truck Bay	BD0329.D3020	1R6	CRV-B6	90-0096	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	



**City of Coquitlam RFP 16-05-08 HVAC Systems Maintenance & Repair Services  
Appendix A - HVAC Equipment Inventory, Address, Belt & Filter List**

CODE	ASSET	UNIFORMAT	TAG	MAKE / MODEL	SERIAL #	FILTER (all pleated filters must be a minimum of MERV 8)	BELTS
77658	Furnace, FURN-1, South Wing Dorms, Second Floor Mechanical	BD0329.D3040	FURN-1	MC60D3XH1A	A0N6306157	1-20x24x1 TA	
77659	Furnace, FURN-2, South Wing Lounge, Second Floor Mechanical	BD0329.D3040	FURN-2	MC60D3XH1A	A0N6306143	1-20x24x1 TA	
77660	Furnace, FURN-3, South Wing Offices, Second Floor Mechanical	BD0329.D3040	FURN-3	MC60D3XH1A	A0N6306156	1-20x24x1 TA	
72858	Furnace, FURN-4, main floor furnace room, serves basement - Mariner Firehall	BD0329.D3020	FURN-4	TM9T080B12MP11B	W1B5524347	1-12x22x2 TA	
45760	Furnace, Furn -5 Mech. Room 2, Auxiliary/Storage	BD0329.D3020	FURN-5	HMS2-75	CD02159		
72859	Furnace, FURN-6, main floor furnace room, serves hose tower - Mariner Firehall	BD0329.D3020	FURN-6	MTI-HMD 11-150	38457A1506	2-20x25x2 Pleated	1-A34
45762	Unit Heater, N. Truck Bay, N. Truck Bay	BD0329.D3020	UH1	100-F	N/A		
45763	Unit Heater, N. Truck Bay, N. Truck Bay	BD0329.D3020	UH2	100-F	N/A		
45770	Condensing Unit, Roof, South Wing Dorms	BD0329.D3030	CU-1	YZB048911A	WOF6443458		
45771	Condensing Unit, Roof, South Wing Lounge	BD0329.D3030	CU-2	YZB048911A	WOF6394574		
45772	Condensing Unit, Roof, South Wing Offices	BD0329.D3030	CU-3	YZB048911A	WOB7451528		
45752	Exhaust Fan, Roof	BD0329.D3040	EF1	VTDB-12	N/A		
45753	Exhaust Fan, Roof	BD0329.D3040	EF2	VTBB-24	N/A		1-4L250
45754	Exhaust Fan, Roof	BD0329.D3040	EF3	VTBB-24	N/A		
45755	Exhaust Fan, Roof	BD0329.D3040	EF4	VUBK-18	N/A		
56380	Truck Exhaust, TE-1	BD0329.D3040	TE-1	HDBI-130			
<b>BD0334.D3000</b>	<b>TC FIRE ADMIN - 1300 Pinetree Way</b>	<b>BD0334.D3000</b>				<b>all filters / not as per unit</b>	
53878	5 ton air conditioner, AC-1, Dispatch (214), Dispatch (214)	BD0334.D3030	AC-1	Mini-mate 2 MMD60E7CHSLA		4-20x20x4 Pleated	
53880	5 ton air conditioner, AC-2, H/C W/R (215), Dispatch (214)	BD0334.D3030	AC-2	Mini-mate 2 MMD60E7CHSLA		1-16x20x4 Pleated	
53882	3 ton air conditioner, AC-3, Admin bsmt IT (014), Admin Bsmt IT (014)	BD0334.D3030	AC-3	Mini-mate 2 MMD36E7YHEDA		7-16x25x4 Pleated	
53879	Condensing unit, CU-1, Admin roof, AC-1	BD0334.D3030	CU-1	Mini-mate 2 PFH067A-YL7		1-20x20x1 TA	
53881	Condensing unit, CU-2, Admin roof, AC-2	BD0334.D3030	CU-2	Mini-mate 2 PFH067A-YL7		2-18x24x1 TA	
53883	Condensing unit, CU-3, Admin roof, AC-2	BD0334.D3030	CU-3	Mini-mate 2 PFH037A-YL7		7-20x25x2 TA	
53916	Convactor, BB-1, Stair 1 basement, Stair 1	BD0334.D3040	BB-1	FST		1-18x20x1 TA	
53917	Convactor, BB-2, Stair 2 basement, Stair 2	BD0334.D3040	BB-2	FST		6-17x46x1 TA	
53918	Convactor, BB-3, Corridor (216), Corridor (216)	BD0334.D3040	BB-3	FST		2-16x20x2 TA	
53930	Electric duct heater, EDH-1, Dispatch (214), SF-1	BD0334.D3040	EDH-1	FC Series		3-20x20x2 TA	
53909	Exhaust fan, EF-1, Electrical room (012)	BD0334.D3040	EF-1	SP-A780		1-17x18x1 TA	
53910	Exhaust fan, EF-2, W/C room (204A)	BD0334.D3040	EF-2	CSP-A200		1-17x22x1 TA	1-3L180
53911	Exhaust fan, EF-3, Photocopy room (103)	BD0334.D3040	EF-3	CSP-A290		1-10x18x2 TA	
53912	Exhaust fan, EF-4, W/C room (215)	BD0334.D3040	EF-4	SP-A190		1-18x34x1 TA	
53913	Exhaust fan, EF-5, Photocopy room (206)	BD0334.D3040	EF-5	CSP-A290			
53904	Re-heat coil, RHC-1, Basement, Future Exercise Room	BD0334.D3040	RHC-1	HW series			
53905	Re-heat coil, RHC-2, Basement, Men's W.R./Women's W.R. (003/004)	BD0334.D3040	RHC-2	HW series			
53906	Re-heat coil, RHC-3, Basement, Basement/Storage/Gym - Serves FC-14	BD0334.D3040	RHC-3	HW series			
53907	Re-heat coil, RHC-4, Main floor, Main floor firehall	BD0334.D3040	RHC-4	HW series			
53908	Re-heat coil, RHC-5, 2nd floor, 2nd floor	BD0334.D3040	RHC-5	HW series			
53914	Supply fan, SF-1, Dispatch (214)	BD0334.D3040	SF-1	CSP-A190			
53902	Floor mounted fan coil, AHU-1, Mezz Mech Rm, Firehall	BD0334.D3050	AHU-1	AV 008			1-A46
53903	Floor mounted fan coil, AHU-2, Bsmt mech rm. (011), Admin Building	BD0334.D3050	AHU-2	AV 008			1-A46
53884	Floor mounted fan coil, FC-1, Bsmt mech rm. (013), Admin main floor	BD0334.D3050	FC-1	HH006W4R511L000			1-A46
53893	Ceiling mounted fan coil, FC-10, Storage (209), Office/Comm officer/Duty chief (208/212/213)	BD0334.D3050	FC-10	HH 012			
53894	Ceiling mounted fan coil, FC-11, Office (208), Board Room (207)	BD0334.D3050	FC-11	HH 015			
53895	Ceiling mounted fan coil, FC-12, Photocopy (206), Reception/Deputy/Deputy (201/202/203)	BD0334.D3050	FC-12	AH 030			1-A48
53896	Ceiling mounted fan coil, FC-13, Photocopy (206), Fire chief/Admin (204/205)	BD0334.D3050	FC-13	HH 015			
53897	Floor mounted fan coil, FC-14, Basement, Basement/Storage/Gym	BD0334.D3050	FC-14	AV008W4B513R000			
53898	Floor mounted fan coil, FC-15, Mezz Mech Rm, Men's dorm/Officers dorm (219)/Firehall	BD0334.D3050	FC-15	AV 012			1-A47
53899	Floor mounted fan coil, FC-16, Mezz Mech Rm, Main floor firehall	BD0334.D3050	FC-16	AV 012			1-A47
53900	Floor mounted fan coil, FC-17, Mezz Mech Rm, Future dorm (210)/Female dorm (217)/W.R's/Firehall	BD0334.D3050	FC-17	AV 012			1-A47
53901	Ceiling mounted fan coil, FC-18, Entry (100), Entry/Admin General (100/101)	BD0334.D3050	FC-18	HH 015			
53885	Floor mounted fan coil, FC-2, Bsmt mech rm. (013), Admin main floor	BD0334.D3050	FC-2	HH008W4R511R000			
53886	Floor mounted fan coil, FC-3, Bsmt mech rm. (011), Admin main floor	BD0334.D3050	FC-3	AV012W4B713R000			
53887	Floor mounted fan coil, FC-4, Bsmt mech rm. (011), Admin main floor	BD0334.D3050	FC-4	AV012W4B713R000			
53888	Ceiling mounted fan coil, FC-5, Men's w/r (109), Office/Luncroom/Corridor (113/115/117)	BD0334.D3050	FC-5	HH 010			
53889	Ceiling mounted fan coil, FC-6, Women's w/r (108), Training Officer/Training (106/107)	BD0334.D3050	FC-6	HH 012			
53890	Ceiling mounted fan coil, FC-7, Entry (100), Entry/Admin General (100/101)	BD0334.D3050	FC-7	HH 015			
53891	Ceiling mounted fan coil, FC-8, W/R (104), Admin Office/Photocopy (102/103)	BD0334.D3050	FC-8	HH 012			
53892	Ceiling mounted fan coil, FC-9, Training Rm (116), Training room (116)	BD0334.D3050	FC-9	HH 018			1-A39
53915	Heat recovery unit, HRU-1, Roof, Ventilation air	BD0334.D3050	HRU-1	C3000E			2-A48
<b>BD0336.D3000</b>	<b>MACKIN MUSEUM - 1116 Brunette Ave</b>	<b>BD0336.D3000</b>					
45715	Water Cooled A/C, Main Floor Mechanical, Main Floor	BD0336.D3030	AC1	KACD24-V-4	92029141	1-20x20x1 TA	
45716	Water Cooled A/C, 2nd Floor Mechanical, 2nd Floor	BD0336.D3030	AC2	KACD24-V-4	9209138	1-20x20x1 TA	
45717	Water Cooled A/C, Basement Mechanical Rm, Basement	BD0336.D3030	AC3	KACD24-V-4	9209125	1-20x20x1 TA	
45710	Exhaust Fan, Basement Mechanical Rm, Basement	BD0336.D3040	EF1				
45711	Exhaust Fan, Basement Mechanical Rm, Basement	BD0336.D3040	EF2				
77661	Exhaust Fan, Basement	BD0336.D3040	EF-3				
<b>BD0339.D3000</b>	<b>POIRIER FORUM - 618 Poirier St</b>	<b>BD0339.D3000</b>					
72079	FORCE FLOW HEATER, FF-1, CHANGE ROOM 1, CHANGE ROOM 1, Poirier Forum	BD0339.D3020	FF-1	CF3008C24			
72080	FORCE FLOW HEATER, FF-2, CHANGE ROOM 1, CHANGE ROOM 1, Poirier Forum	BD0339.D3020	FF-2	CF3008C24			
72081	FORCE FLOW HEATER, FF-3, CHANGE ROOM 2, CHANGE ROOM 2, Poirier Forum	BD0339.D3020	FF-3	CF3008C24			
72082	FORCE FLOW HEATER, FF-4, CHANGE ROOM 2, CHANGE ROOM 2, Poirier Forum	BD0339.D3020	FF-4	CF3008C24			

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CODE	ASSET	UNIFORMAT	TAG	MAKE / MODEL	SERIAL #	FILTER (all pleated filters must be a minimum of MERV 8)	BELTS
72083	FORCE FLOW HEATER, FF-5, CHANGE ROOM 3, CHANGE ROOM 3, Poirier Forum	BD0339.D3020	FF-5	CF3008C24			
72084	FORCE FLOW HEATER, FF-6, CHANGE ROOM 3, CHANGE ROOM 3, Poirier Forum	BD0339.D3020	FF-6	CF3008C24			
72085	FORCE FLOW HEATER, FF-7, CHANGE ROOM 4, CHANGE ROOM 4, Poirier Forum	BD0339.D3020	FF-7	CF3008C24			
72086	FORCE FLOW HEATER, FF-9, OUTSIDE ELECTRICAL VAULT, OUTSIDE ELECTRICAL VAULT, Poirier Forum	BD0339.D3020	FF-9	WF2008T			
72061	EXHAUST FAN, EF-1, JANITOR ROOM, JANITOR ROOM, Poirier Forum	BD0339.D3040	EF-1	Z8H			
72070	EXHAUST FAN, EF-10, WASHROOM ROOM, WASHROOM ROOM, Poirier Forum	BD0339.D3040	EF-10	SE110			
72062	EXHAUST FAN, EF-2, CHANGE ROOM 4, CHANGE ROOM 4, Poirier Forum	BD0339.D3040	EF-2	Z8H			
72063	EXHAUST FAN, EF-3, CHANGE ROOM 3, CHANGE ROOM 3, Poirier Forum	BD0339.D3040	EF-3	Z8H			
72064	EXHAUST FAN, EF-4, CHANGE ROOM 2, CHANGE ROOM 2, Poirier Forum	BD0339.D3040	EF-4	Z8H			
72065	EXHAUST FAN, EF-5, CHANGE ROOM 1, CHANGE ROOM 1, Poirier Forum	BD0339.D3040	EF-5	Z8H			
72066	EXHAUST FAN, EF-6, MECHANICAL ROOM, MECHANICAL ROOM, Poirier Forum	BD0339.D3040	EF-6	Z8H			
72067	EXHAUST FAN, EF-7, ELECTRICAL VAULT, OUTSIDE ELECTRICAL VAULT, Poirier Forum	BD0339.D3040	EF-7	Z121S			
72068	EXHAUST FAN, EF-8, ELECTRICAL ROOM, ELECTRICAL ROOM, Poirier Forum	BD0339.D3040	EF-8	Z102S			
72069	EXHAUST FAN, EF-9, WASHROOM ROOM, WASHROOM ROOM, Poirier Forum	BD0339.D3040	EF-9	SE110			
72071	SUPPLY FAN, SF-1, ARENA WEST, ARENA WEST, Poirier Forum	BD0339.D3040	SF-1	BC30TZ	K14AN92699	4-24x48x2 PL	
72072	SUPPLY FAN, SF-2, ARENA EAST, ARENA EAST, Poirier Forum	BD0339.D3040	SF-1	BC30TZ	K14AN92700	4-24x48x2 PL	
<b>NEW</b>	Dehumidifier > to be added in 2017	BD0339.D3040	DH-1				
<b>BD0341.D3000</b>	<b>Mundy Park F/H - 629 Hillcrest St</b>	<b>BD0341.D3000</b>					
75770	VRF Fan Coil, DXFCU-1, Multipurposeroom ceiling, Multipurposeroom, Mundy Park F/H	BD0341.D3000	DXFCU-1	PEFY-P24NMAU-E3		Filter not known	
75771	VRF Fan Coil, DXFCU-2, Multipurposeroom ceiling, Multipurposeroom, Mundy Park F/H	BD0341.D3000	DXFCU-2	PEFY-P24NMAU-E3			
75776	Electric Duct Heater, EDH-1, Mechanical Room 106, Mens's W/R 108 Womens W/R 109, Mundy Park F/H	BD0341.D3000	EDH-1	RFC			
75777	Electric Duct Heater, EDH-2, Mechanical Room 106, Mechanical Room 106, Mundy Park F/H	BD0341.D3000	EDH-2	RFC			
75779	Exhaust Fan, EF-1, Electrical Room 104, Electrical Room 104, Mundy Park F/H	BD0341.D3000	EF-1	Z8H			
75772	VRF Heat Pump, HP-1, Mechanical Room 200, Multipurposeroom, Mundy Park F/H	BD0341.D3000	HP-1	PUMY-P48NHMU			
75773	Heat Recovery Ventilator, HRV-1, Mechanical Room 106, Heat Recovery for Building, Mundy Park F/H	BD0341.D3000	HRV-1	LGH-F1200RX5-E1			
75774	Heat Recovery Ventilator, HRV-2, Storage Room 102, Heat Recovery for Building, Mundy Park F/H	BD0341.D3000	HRV-2	LGH-F1200RX5-E1			
75775	Unit Heater, UH-1, Severy 105, Severy 105, Mundy Park F/H	BD0341.D3000	UH-1	OACP4000			
<b>BD0343.D3000</b>	<b>Robinson Memorial Park Admin Bldg - 621 Robinson St</b>	<b>BD0343.D3000</b>					
72863	Exhaust Fan, EF-1, Garage - Robinson Memorial Park Admin Bldg	BD0343.D3040	EF-1	P12RA	H53365007		
<b>BD0346.D3000</b>	<b>EVERGREEN - 1205 Pinetree Way</b>	<b>BD0346.D3000</b>				<b>all filters / not as per unit</b>	
45570	Unit Heater, Loading Dock	BD0346.D3020	UH1	126S		1-16x16x2 Pleated	
45560	Air conditioner, Sound & Dimmer Room	BD0346.D3030	A-2	KMS0912	0127013	5-12x24x2 Pleated	
45559	Air conditioner, Sound & Dimmer Room	BD0346.D3030	AC1	KMS0912	0125213	10-16x20x2 Pleated	
45562	Air conditioner, Show Control Room	BD0346.D3030	AC5	CM1972A	0051312	9-16x25x2 Pleated	
45561	Condensing Unit, Sound & Dimmer Room	BD0346.D3030	CU4	CM1812		11-24x24x2 Pleated	
45563	Condensing Unit, Show Control Room	BD0346.D3030	CU5	CM1812		3-16x25x1 TA	
45564	Fancoil unit, Electrical Room	BD0346.D3030	FCU1	BCHB-90		4-20x20x1 TA	
45545	Airhandling unit, Roof, Rehearsal Hall	BD0346.D3040	AHU1	PentPak			1-A51
45546	Airhandling unit, Roof, Studio	BD0346.D3040	AHU2	PentPak			1-A46
45547	Airhandling unit, Roof, Dressing Rooms	BD0346.D3040	AHU3	PentPak			1-A35
45548	Airhandling unit, Roof, Lobby	BD0346.D3040	AHU4	180-BR-HD			1-A65
45549	Airhandling unit, Roof, Studio	BD0346.D3040	AHU5	180-BR-HD			1-A65
45550	Airhandling unit, Roof, Studio	BD0346.D3040	AHU6	180-BR-HD			
45551	Airhandling unit, Roof, Exhibition Hall	BD0346.D3040	AHU7	PentPak			1-B57
45552	Airhandling unit, Roof, Admin. Area	BD0346.D3040	AHU8	36 BR			
45557	Exhaust Fan, Roof, Studio	BD0346.D3040	EF-11	PNN245F			
56385	Exhaust Fan, F12	BD0346.D3040	EF-12	590A			
45553	Exhaust Fan, Roof, Main Washroom	BD0346.D3040	EF-2	PNN200F			1-4L220
45554	Exhaust Fan, Roof, Staff Washroom	BD0346.D3040	EF-3	PNN 135E1			
45555	Exhaust Fan, Roof, Washroom	BD0346.D3040	EF-4	Pnn100E1			1-3L250
56383	Exhaust Fan, F6	BD0346.D3040	EF-6	363			
56384	Exhaust Fan, F7	BD0346.D3040	EF-7	362			
45556	Exhaust Fan, Electrical Room	BD0346.D3040	EF-8	207-2			
56386	Force Flow Heater, Stage Left Doorway, FF-1	BD0346.D3040	FF-1				
<b>BD0348.D3000</b>	<b>PLACE DES ARTS - 1120 Brunette Ave</b>	<b>BD0348.D3000</b>					
45690	Fancoil unit	BD0348.D3020	FC1	FXBNF01800	N/A		
45691	Fancoil unit	BD0348.D3020	FC2	FX4B1F030000	N/A		
45692	Fancoil unit	BD0348.D3020	FC3	FX4B1F030000	N/A		
45688	Rooftop unit, RTU-1, East Side, Main Hall	BD0348.D3020	RTU-1	B3CH060A25C	NMG151361	2-14x20x1 PL   1-14x25x1 PL	
45689	Rooftop unit, RTU-2, Roof	BD0348.D3020	RTU2	50PG-M08-A-5	N/A	2-20x32x2 PL   2-16x25x2 PL	
45668	Condensing Unit, Roof, Dance	BD0348.D3030	CU1	H1DA060S25	EKDM378060		
45669	Condensing Unit, Roof, Gallery	BD0348.D3030	CU2	H1DA060S25	EKDM378070		
45670	Condensing Unit, North, Ground	BD0348.D3030	CU3	MUM30NN2	06900018A		
45671	Condensing Unit, North, Ground	BD0348.D3030	CU4	MJ09NW	9000532		
45672	Condensing Unit, North, Ground	BD0348.D3030	CU5	MU17NN2	000574T		
45673	Condensing Unit, North Roof, Piano Room	BD0348.D3030	CU6	53CH060A25C	NMG151361		
45674	Condensing Unit, South Roof, Room 203	BD0348.D3030	CU7	38EZG024300	1405E20560		
45675	Condensing Unit, South Roof, Room 202	BD0348.D3030	CU8	38EZG018300	0805E52810		
45676	Condensing Unit, South Roof, Room 201	BD0348.D3030	CU9	38EZG024300	1405E20584		
45677	Evaporator coil, Mechanical Rm	BD0348.D3030	EC1	MHD060SB	ELDS279490		
45678	Evaporator coil, Mechanical Rm	BD0348.D3030	EC2	MHD060SB	ELDS279492		

**City of Coquitlam RFP 16-05-08 HVAC Systems Maintenance & Repair Services  
Appendix A - HVAC Equipment Inventory, Address, Belt & Filter List**

CODE	ASSET	UNIFORMAT	TAG	MAKE / MODEL	SERIAL #	FILTER (all pleated filters must be a minimum of MERV 8)	BELTS
45679	Ductless split A/C, Room 207	BD0348.D3030	Split 1A	MS09NW2	2244		
45680	Ductless split A/C, Room 208	BD0348.D3030	Split 1B	MS09NW2	2306		
45681	Ductless split A/C, Room 206	BD0348.D3030	Split 1C	MS15NN2	786		
45640	Air Handling Unit, Upper Floor Mech. Rm	BD0348.D3040	AHU1	DJ-40-300V	B22770-MU-1	4-20x25x2 PL	1-B64
45641	Air Handling Unit, AHU-2, Gallery Storage Room, RM105,106	BD0348.D3040	AHU-2	FX4BNF0300	1505A82732	1-14x25x1 PL	
45642	Air Handling Unit, Attic, Room 203	BD0348.D3040	AHU3	FX4BNF030	1905A72029	1-16x24x1 PL	
45643	Air Handling Unit, Attic, Room 202	BD0348.D3040	AHU4	FX4BMF018000A	2205A71632	1-16x24x1 PL	
45644	Airhandling unit, Attic, Room 201	BD0348.D3040	AHU5	FX4BNF030	2805A69442	1-16x24x1 PL	
45646	Exhaust Fan, Elev. Machine Room	BD0348.D3040	EF-1	25H	N/A		
45654	Exhaust Fan, Room 106, Room 106	BD0348.D3040	EF10	Z-8SH	N/A		
45655	Exhaust Fan, Room 105, Room 105	BD0348.D3040	EF10a	Z-6SH	N/A		
45656	Exhaust Fan, Janitor Closet	BD0348.D3040	EF11	Z-5H	N/A		
45657	Exhaust Fan, Kiln Room, Kiln Room	BD0348.D3040	EF12	Z-10SHTPH	N/A		1-3L260
45658	Exhaust Fan, Gallery Storage Room	BD0348.D3040	EF13	Z-615RATD	N/A		
45659	Exhaust Fan, Dance Storage	BD0348.D3040	EF14	Z-6SH	N/A		
45660	Exhaust Fan, Room 205	BD0348.D3040	EF15	Z-1015RATD	N/A		
45661	Exhaust Fan, Room 204	BD0348.D3040	EF16	Z-8SH	N/A		
45662	Exhaust Fan, Room 203	BD0348.D3040	EF17	Z-10SHRATD	N/A		
45663	Exhaust Fan, Roof, North	BD0348.D3040	EF18	DX9B	95-93607		1-3L290
45664	Exhaust Fan, West Atrium, West	BD0348.D3040	EF19	N/A	N/A		
45647	Exhaust Fan, Parkade	BD0348.D3040	EF-2	GX205BC	N/A		2-A58
45665	Exhaust Fan, Centre - West Atrium, Central	BD0348.D3040	EF20	N/A	N/A		
45666	Exhaust Fan, Centre - East Atrium	BD0348.D3040	EF21	N/A	N/A		
45667	Exhaust Fan, East Atrium	BD0348.D3040	EF22	N/A	N/A		
45648	Exhaust Fan, Room 110	BD0348.D3040	EF4	Z-10SHRATD	N/A		
45649	Exhaust Fan, Wet Room	BD0348.D3040	EF5	Z-6SHTDA	N/A		
45650	Exhaust Fan, Room 109, Room 109	BD0348.D3040	EF6	Z101-SRATD	N/A		
45651	Exhaust Fan, Room 108 Ceiling, Room 108	BD0348.D3040	EF7	Z101-SRATD	N/A		
45652	Exhaust Fan, Glaze Storage, Glaze Storage	BD0348.D3040	EF8	Z-6SH/RA	N/A		
45653	Exhaust Fan, Glaze Office, Glaze Office	BD0348.D3040	EF9	N/AV	N/A		
56387	Force Flow Heater, Ryan House, Room B03, FF-1	BD0348.D3040	FF-1	CUH-2AAR-2			
56388	Force Flow Heater, Ryan House, FF-2	BD0348.D3040	FF-2	CUH-2AAR-2			
56389	Force Flow Heater, Ryan House, FF-3	BD0348.D3040	FF-3	CUH-2AAR-2			
56390	Force Flow Heater, Ryan House, FF-4	BD0348.D3040	FF-4	CUH-2AAR-2			
56391	Force Flow Heater, Ryan House, FF-5	BD0348.D3040	FF-5	CUH-2AAR-2			
56392	Force Flow Heater, Ryan House, FF-6	BD0348.D3040	FF-6	CUH-2AAR-2			
45645	Supply Fan, Parkade , Lobby	BD0348.D3040	SF1	Z-6H	N/A		
<b>BD0350.D3000</b>	<b>PLACE MAILLARDVILLE - 1200 Cartier Ave</b>	<b>BD0350.D3000</b>				<b>all filters / not as per unit</b>	
56395	Pump, P-1	BD0350.D3020	P-1	189105	K50	4-10x20x1 media	
56396	Pump, P-2	BD0350.D3020	P-2	H51BF	7711	1-20x24x1 media	
52000	Condensing Unit, CU-2, Roof	BD0350.D3030	CU-2	TWA090D30RAA	11073PEDYA	1-16x20x1 media	
45916	Condensing Unit, CU-3, Roof	BD0350.D3030	CU-3	TTD712B100AO	D30296806	3-16x25x1 media	
45917	Condensing Unit, CU-4, Roof	BD0350.D3030	CU-4	TTD748B100AO	E28280571	1-10x20x1 media	
45918	Condensing Unit, CU-5, Roof	BD0350.D3030	CU-5	TTD748B100AO	E18274810	2-16x20x1 media	
45919	Rooftop HVAC Unit, HVAC-1, Roof, Cooling only	BD0350.D3030	HVAC-1	DINA606N11E 006C	GM080206	2-12x20x1 media	
51999	Air Handling Unit, AHU-2, Closet	BD0350.D3040	AHU-2	TWE090D300AAA (R410A)	10484RJ9BA		1-A37
45906	Air Handling Unit, AHU-3, Closet	BD0350.D3040	AHU3	18VDXO-HP	3402633743		
45907	Air Handling Unit, AHU-4, Closet	BD0350.D3040	AHU-4	CWV748B1408	N/A		
45908	Air Handling Unit, AHU-5, Closet	BD0350.D3040	AHU-5	CWV742B140A	D15348601		
45909	Exhaust Fan, EF-1, Roof	BD0350.D3040	EF1	ERBA20M2	V55278-01		1-3L190
45910	Exhaust Fan, EF-2, Roof	BD0350.D3040	EF-2	ERBA12K4	V55278-01		
45911	Exhaust Fan, EF-4, Roof	BD0350.D3040	EF4	ERDA9E2	V55278-01		
45912	Exhaust Fan, EF-5, Roof	BD0350.D3040	EF-5	ERBA12K4	V55278-01		
45913	Exhaust Fan, EF-6, Roof	BD0350.D3040	EF6	ERBA13K4	V55278-01		
56398	Exhaust Fan, EF-7	BD0350.D3040	EF-7	362			
56399	Exhaust Fan, EF-8	BD0350.D3040	EF-8	362			
56400	Exhaust Fan, KEF-1	BD0350.D3040	KEF-1	Microtek System IV			
56401	Exhaust Fan, KEF-2	BD0350.D3040	KEF-2	N/A			
45914	Supply Fan, MUA-1, Roof	BD0350.D3040	MUA-1	N/A	N/A		
<b>BD0361.D3000</b>	<b>BLUE MTN SCOUT - 1038 Winslow Ave</b>	<b>BD0361.D3000</b>					
45903	Furnace, Mech room	BD0361.D3020	FURN1	P2DP016N09201A	EKCM507906	1-20x25x2 TA	
<b>BD0363.D3000</b>	<b>POIRIER CC - 630 Poirier St</b>	<b>BD0363.D3000</b>					
56407	Exhaust Fan, Above Lower Floor Exit Door, EF-1	BD0363.D3040	EF-1				?
56408	Exhaust Fan, Rooftop, North, EF-2	BD0363.D3040	EF-2	143BCRA			
56409	Exhaust Fan, Rooftop, North Central, EF-3	BD0363.D3040	EF-3				
56410	Exhaust Fan, Rooftop, Central, EF-4	BD0363.D3040	EF-4	DX10SR			
56411	Exhaust Fan, Rooftop, South, EF-5	BD0363.D3040	EF-5	132BCRA			
56412	Exhaust Fan, Rooftop, East, EF-6	BD0363.D3040	EF-6	144BCRA			
56406	Supply Fan, Lower Floor, SF-1	BD0363.D3040	SF-1	12K			
<b>BD0369.D3000</b>	<b>POIRIER ADMIN - 640 / 644 Poirier St</b>	<b>BD0369.D3000</b>					
56426	Air Conditioner, Server Room, ACSR-1	BD0369.D3030	ACSR-1	MU09EW	55902334D		

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CODE	ASSET	UNIFORMAT	TAG	MAKE / MODEL	SERIAL #	FILTER (all pleated filters must be a minimum of MERV 8)	BELTS
45726	Air Conditioner 2, Reception Area Down Stairs, Reception Area Down	BD0369.D3030	Cond-2	Lmi 120CP	LM0240C		
45727	Air Conditioner 3, Reception Area Down Stairs	BD0369.D3030	Cond-3	Lmi120cp	LM0240C		
56427	Exhaust Fan, North Washroom, Roof, EF-1	BD0369.D3040	EF-1	91CRA3D			
56428	Exhaust Fan, South Washroom, Roof, EF-2	BD0369.D3040	EF-2	80CRADE			
56425	Combustion Air Supply Fan, SF-1	BD0369.D3040	SF-1	Z6S	56386-0		
<b>BD0375.D3000</b>	<b>CCAC - 1210 Pinetree Way</b>	<b>BD0375.D3000</b>					
45328	Unit Heater, CUH-02, West exit, CCAC West exit Ceiling	BD0375.D3020	CUH-2	N/A	N/A		
3006	Air Handling Unit, AHU-1, Main Pool Deep End, CCAC Boiler Room	BD0375.D3040	AHU-1	PD-200-341	19608AHU1F	32-20x25x2 P20T	4-B128
3007	Air Handling Unit, AHU-2, Mechanical Loft, CCAC Main Pool Shallow End	BD0375.D3040	AHU-2	PD-200-341	19608G	32-20x25x2 P20T	4-B128
3008	Air Handling Unit, AHU-3, Leisure Pool, CCAC Penthouse Mechanical	BD0375.D3040	AHU-3	PD-200-341	19608H	18-20x25x2 P20T   6-25x25x2 P20T   air to air 4-36x55x2 Dustlok	4-B128
3009	Air Handling Unit, AHU-4, Change Room, CCAC Penthouse Mechanical	BD0375.D3040	AHU-4	LM-4-C	S19608A	4-16x25x2 P20T   air to air 1-31.5x39.5x2 Dustlok / 1-25x52x2 Dustlok	1-B68
3010	Air Handling Unit, AHU-5, Foyer, Office & Reception, CCAC Mechanical Penthouse	BD0375.D3040	AHU-5	LM-4-C	S19608B	4-16x25x2 P20T	1-B54
3011	Air Handling Unit, AHU-6, Weight Room, Physio, Meeting Room, CCAC Mechanical Penthouse	BD0375.D3040	AHU-6	LM-10-C	19608C	6-20x25x2 P20T	2-B76
45346	Exhaust Fan, EF-01, CCAC AHU4	BD0375.D3040	EF-1	SWB-20-30	93J07184		1-A26
45351	Exhaust Fan, EF-10, Electrical room, CCAC Roof	BD0375.D3040	EF10	LBP-21-15	93J07985	4-16x25x2 P20T (Elec room)	1-A44
45347	Exhaust Fan, EF-03, Upper Mechanical Room, CCAC AHU5	BD0375.D3040	EF-3	SWB-13-5	93J07174		1-A44
45349	Exhaust Fan, EF-04, Wave room, CCAC Wave machine	BD0375.D3040	EF-4	SWB-18-10	93J07179		
45350	Exhaust Fan, EF-05, Workshop, CCAC Chemical Feed room	BD0375.D3040	EF-5	N/A	N/A		
45345	Exhaust Fan, EF-06, Chemical room, CCAC Main Storage	BD0375.D3040	EF-6	N/A	N/A		
3040	Exhaust Fan, EF-07, HVAC System, CCAC Chlorine Room	BD0375.D3040	EF-7	QT300			
3041	Exhaust Fan, EF-08, Storage Area ?, CCAC Storage Room ?	BD0375.D3040	EF-8				
3042	Exhaust Fan, EF-09 Emergency Ozone, CCAC Ozone Room	BD0375.D3040	EF-9	QT-700			
47580	Return Fan, RF-01, Main Pool AHU-01, CCAC Boiler Mechanical Room,	BD0375.D3040	RF-1				5-B128
47579	Return Fan, RF-02, Main Pool AHU-2, CCAC Penthouse Mechanical Room,	BD0375.D3040	RF-2				4-B124
47578	Return Fan, RF-03, Leisure Pool AHU-3, CCAC Penthouse Mechanical Room,	BD0375.D3040	RF-3				4-B112
45353	Return Fan, RF-05, Foyer/ Office, CCAC Penthouse Mechanical Room,	BD0375.D3040	RF-5	19608D	V-7915		1-B45
45354	Return Fan, RF-06, Weight Room / Physio, CCAC Penthouse Mechanical Room	BD0375.D3040	RF-6	19608E	V-7916		2-B85
70775	Fan Coil serving lobby vestibule	BD0375.D3050	FC-101		209		
70758	MTEC-1, water to water unit, upper mechanical room, CCAC	BD0375.D3090	MTEC-1	MC802/W	B51689 THX-CH-B-1		
<b>BD0377.D3000</b>	<b>CITY HALL - 3000 Guildford Way</b>	<b>BD0377.D3000</b>				<b>all filters / not as per unit</b>	
45470	Unit Heater, Boiler Room 115, Boiler Room 115	BD0377.D3020	UH1	UH5A07058DAAE	A97H1055	5-20x25x1 TA	
45474	Unit Heater, Receiving area 231, Receiving area 231	BD0377.D3020	UH2	UH5A07058DAAE	A97H1055	1-16x25x1 TA	
45471	Unit Heater, Coffee Shop 217, Coffee Shop 217	BD0377.D3020	UH3	UH5A07058DAAE	A97H1055	4-20x20x1 TA	
45473	Unit Heater, Mech.Rm.502, Mech.Rm.502	BD0377.D3020	UH4	UH5A07058DAAE	A97H1055	35-20x20x2 P20T	
45472	Unit Heater, Mech.Rm.501, Mech.Rm.501	BD0377.D3020	UH5	UH5A07058DAAE	A97H1055	12-16x20x2 P20T	
45457	Air Conditioner, Parkade P1, Printing room 243	BD0377.D3030	AC11	AC03GF32AA	32635C	12-16x25x2 P20T	1-4L370   1-4L390
45464	Air Conditioner, Computer Rm 439, Data Centre	BD0377.D3030	AC14	FCA56	N/A	28-20x25x2 P20T	
45467	Air Conditioner, Coffee Shop 217, Coffee Shop 217	BD0377.D3030	AC16	N/A	N/A	15-24x24x1 Poly Media	
45455	Condensing Unit, Roof, AC6	BD0377.D3030	CD1	MKA532C	MK970108166	3-12x24x1 Poly Media	
45454	Condensing Unit, Roof, AC3	BD0377.D3030	CD2	TTA120B400BC	M49381AH		
45466	Condensing Unit, Roof, Coffee Shop 217	BD0377.D3030	CD5	AC042X1021A	N/A		
59967	Exhaust Heat Pump (CH-101)Water to Water, Penthouse Mech room. ICT Server Room	BD0377.D3030	CH-101	WW240-			
59968	Exhaust Heat Pump (CH-102)Water to Water, Penthouse Mech room. ICT Server Room	BD0377.D3030	CH-102	WW240-			
59966	Dry Cooler (DC-101) Belt Driven, City Hall Roof, Back up water cooler	BD0377.D3030	DC-101	FND134F-8-G29			
59969	Ceiling mounted fan coil, FC-101, City Hall Room 441, ICT Server Room	BD0377.D3030	FC-101	60SHW4		2-20x20x1 TA	1-A42
59970	Ceiling mounted fan coil, FC-102, City Hall Room 457, Data Room 457	BD0377.D3030	FC-102	60SHW4		2-20x20x1 TA	1-B46
59981	Humidifer, H-101, Penthouse Mechanical Room, City Hall ICT Server Room	BD0377.D3030	H-101	SK304-			
45404	Air Handling Unit, Mech.Rm.501, South building	BD0377.D3040	AC01	MCCA017	K97K17721A		2-B46
45405	Air Handling Unit, Mech.Rm.501, South building	BD0377.D3040	AC02	MCCA025	K97K18263A		2-B56
45406	Air Handling Unit, Mech.Rm.501, East building	BD0377.D3040	AC03	MCCA008	K97K18946A		2-B52
45407	Air Handling Unit, Mech.Rm.501, South building	BD0377.D3040	AC04	MCCA030	K97K17711A		2-B54
45408	Air Handling Unit, Mech.Rm.501, South building	BD0377.D3040	AC05	MCCA025	K97K18323A		2-B63
45410	Air Handling Unit, Mech.Rm.502, West mechanical	BD0377.D3040	AC07	MCCA025	97K18337A		2-B54
45411	Air Handling Unit, Mech.Rm.502, West Mech.	BD0377.D3040	AC08	MCCA021	97K18348A		2-B52
45409	Air Handling Unit, Mech.Rm.502, Council Chambers	BD0377.D3040	AC09	MCCA008	K97K18961A		2-A58
45438	Exhaust Fan, Room 402 ceiling, N. Washrooms (Men's)	BD0377.D3040	EF01	BSQ-90-5-R4	97117083		1-A33
45430	Exhaust Fan, Roof, S. washrooms	BD0377.D3040	EF02	GB-90-4XQD	97117452		1-3L180
45419	Exhaust Fan, Roof, 2nd fl. Washroom	BD0377.D3040	EF03	GB-70-4XQDR4	97117352		1-3L190
45420	Exhaust Fan, Roof	BD0377.D3040	EF04	GB130-3	97115421		
45428	Exhaust Fan, Roof, Mayors Washroom	BD0377.D3040	EF05	GB-70-4XQDR4	97117354		1-3L180
45431	Exhaust Fan, Roof, roof	BD0377.D3040	EF07	GB-90-4-XQD	97117460		1-4L220
45421	Exhaust Fan, Roof, Council washroom	BD0377.D3040	EF09	GB-70-4XQDR4	97117351		1-3L190
56442	Exhaust Fan, EF10	BD0377.D3040	EF10	SP-252			
45437	Exhaust Fan, Room 204, Library Washrooms	BD0377.D3040	EF11	BSQ-90-5	N/A		1-A33
45427	Exhaust Fan, Roof, Library washroom	BD0377.D3040	EF12	GB-100-4XQD3A	97118234		1-3L190
45417	Exhaust Fan, Printing rm. 243, Central printing	BD0377.D3040	EF14	GB130-3	97115422		1-A35
45418	Exhaust Fan, Receiving area 231, Receiving	BD0377.D3040	EF16	BSQ-90-7	97117085		1-A35
45432	Exhaust Fan, Roof, Showers	BD0377.D3040	EF17	GB-100-4XQD-3A	97118236		1-3L180
45433	Exhaust Fan, Roof, Smoke exhaust	BD0377.D3040	EF18	GB-420-50	97119383		2-A60
45434	Exhaust Fan, Roof, Smoke exhaust	BD0377.D3040	EF19	GB-420-50	97119384		2-A60
45435	Exhaust Fan, Roof, Smoke exhaust	BD0377.D3040	EF20	GB-420-50	97119385		2-A60

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45436	Exhaust Fan, Roof, Smoke exhaust	BD0377.D3040	EF21	GB-420-50	97119386		2-A60
45412	Exhaust Fan, Parkade, Electrical room	BD0377.D3040	EF22	BSQ-240-30	97116158		
45413	Exhaust Fan, Parkade, Electrical room	BD0377.D3040	EF23	BSQ-240-30	97116159		
45423	Exhaust Fan, Roof, Councillors washroom	BD0377.D3040	EF24	GB-70-4	97116395		1-3L200
45422	Exhaust Fan, Roof, Councillors kitchen	BD0377.D3040	EF25	GB-70-4	97116396		1-3L200
45414	Exhaust Fan, Parkade, Parkade exhaust	BD0377.D3040	EF26	BSQ-360-75-R6	N/A		
45415	Exhaust Fan, Parkade, Parkade exhaust	BD0377.D3040	EF27	BSQ-360-75	97120147		2-B97
45424	Exhaust Fan, Roof, Electrical room	BD0377.D3040	EF29A	GB-120-4XQD	97102432		1-3L180
45425	Exhaust Fan, Roof, Electrical room	BD0377.D3040	EF30	GB-120-4XQD	97H17804		1-3L190
45426	Exhaust Fan, Roof, Electrical room	BD0377.D3040	EF31	GB-120-4XQD	97H17805		1-3L190
45429	Exhaust Fan, Roof, Print room hood	BD0377.D3040	EF32	GB-120-AXQD	97H18675		
56445	Exhaust Fan, Janitors Room, EF6	BD0377.D3040	EF6	SP-252	9711678C		
56441	Exhaust Fan, EF8	BD0377.D3040	EF8	BSQ-90-3	97117080		
45440	Filter Bank, FB-01, Electrical Vault, City Hall Electrical Room 233	BD0377.D3040	FB1	N/A	N/A		
45441	Return Fan, Mech.Rm.501, AC1	BD0377.D3040	RF1	BSQ-300-15	97116164		1-AX95
45442	Return Fan, Mech.Rm.501, AC2	BD0377.D3040	RF2	BSQ-420-20	97120148		1-A97
45443	Return Fan, Mech.Rm.501, AC3	BD0377.D3040	RF3	BSQ-200-5	97116150		1-A90
45444	Return Fan, Mech.Rm.501, AC4	BD0377.D3040	RF4	BSQ-420-30	97120149		2-4L1000
45445	Return Fan, Mech.Rm.501, AC5	BD0377.D3040	RF5	BSQ-420-30	97120150		2-A98
45446	Return Fan, Mech.Rm.502, AC7	BD0377.D3040	RF7	BSQ-360-30	97120144		2-A91
45447	Return Fan, Mech.Rm.502, AC8	BD0377.D3040	RF8	BSQ-360-30	97120145		
45448	Return Fan, Mech.Rm.502, AC9	BD0377.D3040	RF9	BSQ-180-10	97116146		1-A53
45449	Supply Fan, Parkade, Parkade-P2	BD0377.D3040	SF1	BSQ-240-50	N/A		
45450	Supply Fan, Parkade, Parkade-P2	BD0377.D3040	SF2	BSQ-240-50	97119318		2-A77
56440	Transfer Fan, Storage Room 110, TF1	BD0377.D3040	TF1	SP264	97H08681		
56432	Transfer Fan, BCTel Room, Ground Floor, TF10	BD0377.D3040	TF10	BSQ-140-7	97120025		
56431	Transfer Fan, Upper roof above south mech room, TF12	BD0377.D3040	TF12	GB-130-3	97115421		1-3L190
56429	Transfer Fan, Room 478 Communications, TF13	BD0377.D3040	TF13	BSQ-130-5			
56430	Transfer Fan, Upper roof above south mech room, TF14	BD0377.D3040	TF14	GB-130-3	97115422		1-3L190
45451	Transfer Fan, Data room 105, Data room 105	BD0377.D3040	TF17	SP-252	N/A		
45452	Transfer Fan, Data room 354, Data room 354	BD0377.D3040	TF18	SP-252	N/A		
56439	Transfer Fan, Storage Room 117, TF2	BD0377.D3040	TF2				
45439	Exhaust Fan, Parkade storage, Parkade - P2	BD0377.D3040	TF20	BSQ130-7	A97H1055		
56437	Transfer Fan, Elevator Machine Room, TF3	BD0377.D3040	TF3	BSQ-130-5	97120019		1-A40
56438	Transfer Fan, ground parking beside elevator shaft, TF4	BD0377.D3040	TF4	7151			
56433	Transfer Fan, Elevator Machine Room 102, TF5	BD0377.D3040	TF5	BSQ-130-5			1-A41
56436	Transfer Fan, Electrical Room 106, TF7	BD0377.D3040	TF7	BSQ-130-5	97120020		1-A41
56435	Transfer Fan, Storage Room 109, TF8	BD0377.D3040	TF8				
56434	Transfer Fan, Electrical Room 236, TF9	BD0377.D3040	TF9	BP-260	30288		
75768	Fan Coil, FC-1 (Meeting Room 308 cooling) Foyer outside of room	BD0377.D3050	FC-1	209			
70786	Fluid Cooler, located outside for Thermenex- THX cooling tower - City Hall Roof	BD0377.D3090	FC-1	BAC FXV-0812B-24Q-N	N/A		
75748	MTEC-1 - Water to Water Unit - Room 117	BD0377.D3090	MTEC -1	MC802/W	B51689 THX-CH-A-1		
75749	MTEC-2 - Water to Water Unit - Room 117	BD0377.D3090	MTEC -2	MC802/W	B51689 THX-CH-A-2		
75750	MTEC-3 - Water to Water Unit - Room 117	BD0377.D3090	MTEC -3	MC802/W	B51689 THX-CH-A-3		
75751	MTEC-4 - Water to Water Unit - Room 117	BD0377.D3090	MTEC -4	MC802/W	B51689 THX-CH-A-4		
<b>BD0378.D3000</b>	<b>Public Safety Building - 2986 Guildford Way</b>	<b>BD0378.D3000</b>					
55531	Air Separator,UH-3, Mechanical Room, Public Safety Building	BD0378.D3000	UH3	CBV	NB643742		
45531	Unit Heater, Salley Port, Salley Port	BD0378.D3020	UH1	VH5A4258DAAC	A96EVH0030		
45534	Unit Heater, Bike store, Bike room	BD0378.D3020	UH13	A96BUH0216	N/A		
45535	Unit Heater, Identif. Room, Identif.room	BD0378.D3020	UH14	A96BUH0029	N/A		
45532	Unit Heater, Salley Port, Salley Port	BD0378.D3020	UH2	CBV	N/A		
45529	Unit Heater, Mech. Room, Mech. Room	BD0378.D3020	UH3	CBV	N/A		
45530	Unit Heater, Mech. Room, N.Mech. Room	BD0378.D3020	UH4	VHSAD4258DAAC	A96EUH0028		
45533	Unit Heater, Secure I.D., Secure I.D.	BD0378.D3020	UH5	CBV	N/A		
45517	Air Conditioner, Computer room #, Computer room #	BD0378.D3030	AC1	MME018E-PH0	86314	1-20x20x1 TA	
45518	Air Conditioner, UPS room, UPS room	BD0378.D3030	AC2	MME036E-PH1	86666	1-16x25x4 High Cap Pleat	
45524	Air Conditioner, Computer room #, Computer room #	BD0378.D3030	AC3	FCA56	N/A		
45525	Air Conditioner, Computer room , Computer room #	BD0378.D3030	AC4	FCA56	N/A		
45520	Condensing Unit, Roof, AC1	BD0378.D3030	CU1	DMC020A-PL3	D037957		
45521	Condensing Unit, Roof, AC2	BD0378.D3030	CU2	DMC03TA-YL2	D038521		
45522	Condensing Unit, Roof	BD0378.D3030	CU3	H2CA300A58D	NAGM002582		
45523	Condensing Unit, Roof	BD0378.D3030	CU4	RAWD-090	N/A		
45481	Air Handling Unit, Mech. Room, Ground Floor	BD0378.D3040	AHU1	MCCA021	K96E42543	36-16x25x2 P20T	2-B64
45482	Air Handling Unit, N. Roof Mech, 2nd/3rd Floor North	BD0378.D3040	AHU2	MCCA035	K96E45816	16-20x25x2 P20T	2-5VX590
45483	Air Handling Unit, S. Roof Mech, 2nd/3rd Floor South	BD0378.D3040	AHU3	MCCA040	K96E46255	4-16x20x2 P20T	2-B88
45484	AHU c/w dehumidifier, Underground Parkade, Secure file storage	BD0378.D3040	AHU4	OHS-018AS	1115007	1-16x20x1 TA	
45485	Exhaust Fan, East parking level, West parking level	BD0378.D3040	EF01	VIBK-30-W1	N/A		2-B86
45486	Exhaust Fan, East parking level, East parking level	BD0378.D3040	EF01A	VIBK-30-X1	N/A		2-A81
45509	Exhaust Fan, West parking level, West parking level	BD0378.D3040	EF01B	VIBK-30-W1			2-A80
45491	Exhaust Fan, Extended Parking, Extended Parking	BD0378.D3040	EF02	VIBK-30-Y1	N/A		
45487	Exhaust Fan, EF-03, Elevator room, Elevator room 3 PSB ( RCMP )	BD0378.D3040	EF-03	VICDB-095	N/A		

**City of Coquitlam RFP 16-05-08 HVAC Systems Maintenance & Repair Services  
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CODE	ASSET	UNIFORMAT	TAG	MAKE / MODEL	SERIAL #	FILTER (all pleated filters must be a minimum of MERV 8)	BELTS
45488	Exhaust Fan, EF-03A, Elevator room, Elevator room 3 PSB ( RCMP )	BD0378.D3040	EF-03A	VCDB-096	N/A		
45489	Exhaust Fan, EF-03B, Elevator room, Elevator room 2, PSB ( RCMP )	BD0378.D3040	EF-03B	VCDB-095	N/A		
45490	Exhaust Fan, EF-03C, Elevator room, Elevator room 3, PSB ( RCMP )	BD0378.D3040	EF-03C	VCDB-095	N/A		
45492	Exhaust Fan, Flammable Storage, Flammable Storage	BD0378.D3040	EF04	VIBK-06-L3	N/A		
45497	Exhaust Fan, Lower Roof, Weapons room	BD0378.D3040	EF05	VEBK-10L1	633391-003		1-4L200
45496	Exhaust Fan, Lower Roof, Salley Port	BD0378.D3040	EF06	VEBK-18P1	633391-004		1-4L210
45493	Exhaust Fan, Lower Roof, Electrical room	BD0378.D3040	EF07	VEFK-30-V1	63391-006		1-4L250
45502	Exhaust Fan, Roof, Washrooms -south	BD0378.D3040	EF08	DX14B0	G10956		1-4L210
45500	Exhaust Fan, Roof, Drug room	BD0378.D3040	EF09	VEBK-10-L1	633391-001		
45501	Exhaust Fan, Roof, Washrooms - north	BD0378.D3040	EF10	VEBK-10-M1	633391-003		1-4L210
45499	Exhaust Fan, Roof, Cells	BD0378.D3040	EF11	VEBK-18-P1	633391-004		
45504	Exhaust Fan, S. Roof Mech. Rm, Atrium	BD0378.D3040	EF12	VIBK-06-L	533391.07		
45505	Exhaust Fan, S. Roof Mech. Rm, Atrium	BD0378.D3040	EF12A	VIBK-36-C1	N/A		2-B97
45498	Exhaust Fan, N. Roof Mech. Rm, Atrium	BD0378.D3040	EF12B	VIBK-36-C1	N/A		2-B96
45494	Exhaust Fan, Lower Roof, Exam area hood	BD0378.D3040	EF13	VEBK-10M1	N/A		
45495	Exhaust Fan, Roof	BD0378.D3040	EF13A	VEBK10M1	63391.003		
45506	Exhaust Fan, Stationary storage, Work area exh. Hood	BD0378.D3040	EF14	VIBK-08-P1	633391-003		1-4L340
45507	Exhaust Fan, Parkade, parkade	BD0378.D3040	EF16	VIBK-10-M	633391.009		
45508	Exhaust Fan, Parkade, parkade	BD0378.D3040	EF17	N/A	N/A		
45515	Filter Bank, FB-1, Generator Room Exhaust Fan, Public Safety Building Generator Room	BD0378.D3040	FB-1	N/A	N/A	9-20x20x1 media   3-20x25x1 media	
45514	Filter Bank, FB -2, Electrical Valt, Public Safety Building Electrical Room	BD0378.D3040	FB-2	N/A	N/A	12-20x20x1 media	
45512	Supply Fan, Roof, Stairwell pressure	BD0378.D3040	SF1	FRA-9	N/A		
45513	Supply Fan, Roof, Stairwell pressure	BD0378.D3040	SF2	FRA-9	N/A		
45511	Supply Fan, Male Locker room, Foyer	BD0378.D3040	SF3	VIBK-12-M1	N/A	1-12x36x1 TA	1-A40
45510	Supply Fan, Female Locker rm, Community room	BD0378.D3040	SF4	VIBK-12-R1	N/A	1-16x44x1 TA	
45503	Pressurization Fans, Roof	BD0378.D3040	Stairway Fans	N/A	N/A		
56446	Transfer Fan, North Prisoner Loading Bay, TF1	BD0378.D3040	TF1	VCDB95			
56447	Transfer Fan, Central Prisoner Loading Bay, TF2	BD0378.D3040	TF2	VCDB95			
56448	Transfer Fan, South Prisoner Loading Bay, TF3	BD0378.D3040	TF3	VCDB95			
56449	Transfer Fan, Women's Dressing Room, TF4	BD0378.D3040	TF4	VCDB95			
56450	Transfer Fan, West Sally Port, TF5	BD0378.D3040	TF5	N/A			
75735	Fan Coil, FC-1 (Additional Server Room Unit)	BD0378.D3090	FC-1	Delhi 215		Washable	
<b>BD0380.D3000</b>	<b>TC PARK F/H - 1299 Pinetree Way</b>	<b>BD0380.D3000</b>					
45899	Furnance, Furn-1, Town Centre Park FieldHouse, Services Dressing Room 1 and 2,	BD0380.D3020	FURN - 1	AUH2B080A9V3V	10313TRT7G	1-20x25x1 TA	
45900	Furnance, Furn-2, Town Centre Park FieldHouse, Service for Dressing room 3 and 4,	BD0380.D3020	FURN - 2	AUH2B080A9V3V	10245LDWFG	1-20x25x1 TA	
65342	Furnance, Furn-3, Town Centre Park FieldHouse	BD0380.D3020	FURN - 3	AUH2B080A9V3V	5886H00006	1-20x25x1 TA	
65343	Furnance, Furn-4, Town Centre Park FieldHouse	BD0380.D3020	FURN-4	AUH2B080A9V3V	5886M00004	1-20x25x1 TA	
56452	Exhaust Fan, Mechanical Room, Serves East & West Men's W/R & Janitors Closet, EF-1	BD0380.D3040	EF-1				
56461	Exhaust Fan, Group Storage Room, EF-10	BD0380.D3040	EF-10	FU-15UQ4			
56453	Exhaust Fan, Mechanical Room, Serves East & West Women's W/R & Ticket Office, EF-2	BD0380.D3040	EF-2				
56454	Exhaust Fan, EF-3, Town Centre Park Fieldhouse, Mechanical Room, Serves Staff Office,	BD0380.D3040	EF-3				
56455	Exhaust Fan, Officials Room, EF-4	BD0380.D3040	EF-4	Z-6	59120		
56456	Exhaust Fan, Staff Office Bathroom, EF-5	BD0380.D3040	EF-5	Z-6	59121		
56457	Exhaust Fan, Change Room 4, EF-6	BD0380.D3040	EF-6	Z-6	59120		
56458	Exhaust Fan, EF-7	BD0380.D3040	EF-7	Z-6	59120		
56459	Exhaust Fan, EF-8	BD0380.D3040	EF-8	Z-6	59120		
56460	Exhaust Fan, EF-9	BD0380.D3040	EF-9	Z-6	59120		
<b>BD0384.D3000</b>	<b>TC PARK CONCESSION - 1299 Pinetree Way</b>	<b>BD0384.D3000</b>					
56470	Exhaust Fan, Washroom, EF-1	BD0384.D3040	EF-1	Z-8	59121		
56471	Exhaust Fan, EF-2	BD0384.D3040	EF-2	Z-9	59495		
56472	Exhaust Fan, EF-3	BD0384.D3040	EF-3	Z-9	59498		
56473	Exhaust Fan, EF-4	BD0384.D3040	EF-4	Z-9	59498		
56474	Exhaust Fan, EF-5	BD0384.D3040	EF-5	Z-8	59121		
56467	Force Flow Heater, Storage Room, FF-1	BD0384.D3040	FF-1				
56468	Force Flow Heater, Cooking Area, FF-2	BD0384.D3040	FF-2				
56469	Force Flow Heater, Concession Area, FF-3	BD0384.D3040	FF-3				
56475	Radiant Heater, RH-1	BD0384.D3040	RH-1	CRT-6530	9138		
56476	Radiant Heater, RH-2	BD0384.D3040	RH-2	CRT-6530	9138		
<b>BD0385.D3000</b>	<b>TC STADIUM STORAGE - 1299 Pinetree Way</b>	<b>BD0385.D3000</b>					
52073	Furnance, Furn-1, TC Stadium Mechanical Room, TC Stadium	BD0385.D3000	FURN-1	SEP90A-S	56002GB2070		
<b>BD0390.D3000</b>	<b>TC WY TRAILER - 1250 Pipeline rd</b>	<b>BD0390.D3000</b>					
77663	Heat Pump, HPS 1, Outside Pad.	BD0390.D3000	HPS-1	PH16NA036-B	4215E18199		
77662	Furnace (electric back up heat), FURN 1, Closet – works with HPS 1	BD0390.D3000	FURN-1	FB4CNF036	5115A86877	1-16x20x1 PL	
<b>BD0391.D3000</b>	<b>TC WORKSHOP - 1250 Pipeline rd</b>	<b>BD0391.D3000</b>					
70175	Heater unit, AHU-03, TC Workshop Bay Heater	BD0391.D3020	AHU-3				
<b>BD0392.D3000</b>	<b>SERVICE CENTRE UTILITY - 500 Mariner way</b>	<b>BD0392.D3000</b>					
45810	Heat Pump, AC-03, Air Conditioning Heat Pump Scada Room , Service Center Roof	BD0392.D3020	AC-3	50QEH036-511DA	4093V08145	1-20x25x1 TA	
45811	Heat Pump, AC-04, Air Conditioning Heat Pump Stores Office, Service Center Roof	BD0392.D3020	AC-4	5011Q0192ZMC01	2295V29116	1-16x25x1 TA	
45816	Unit Heater, Stores, Stores	BD0392.D3020	UH1	F75	ASF31K5N32016		
45817	Unit Heater, Stores, Stores	BD0392.D3020	UH2	F75	ASF31K5N32016		
45814	Unit Heater, Lower Cage, Lower Cage	BD0392.D3020	UH3	F165	A3F31K6N30240		

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CODE	ASSET	UNIFORMAT	TAG	MAKE / MODEL	SERIAL #	FILTER (all pleated filters must be a minimum of MERV 8)	BELTS
45815	Unit Heater, Lower Cage, Lower Cage	BD0392.D3020	UH4	F165	A3F31K6N30238		
45812	Unit Heater, Carp. Shop, Carp. Shop	BD0392.D3020	UH5	LF24-150A-1	G394B655696		
45813	Unit Heater, Carp. Shop, Carp. Shop	BD0392.D3020	UH6	LF24-200A-1	6394B60935		
45818	Condensing Unit, ground, SCADA Room	BD0392.D3030	CU1	TCGD48S43S1A	WOM8471989		
45819	Condensing Unit, ground, SCADA Room	BD0392.D3030	CU2	TCGD48S43S1A	WOM8471973		
45820	AHU, Ceiling, SCADA Room	BD0392.D3030	EC1	XTI033X051-BAFA	AGVMNT0060	2-20x25x2 PL	1-A40
45821	Humidifier, wall mounted, SCADA Room	BD0392.D3030	HUM	SK300			
45807	Dust Collection Unit, Roof	BD0392.D3040	DC1	N/A	N/A		
45806	Exhaust Fan, Sign Shop	BD0392.D3040	EF2	QBR161CW-TH	N/A		
45805	Exhaust Fan, Roof	BD0392.D3040	EF5	DUA-7	N/A		1-A31
45804	Exhaust Fan, Elect. Room	BD0392.D3040	EF8	DUA-12	N/A		1-A43
77664	Rooftop HVAC Unit, RTU-1, Service Centre Roof, Serving Main Floor	BD0392.D3040	RTU-1	48TCED12A2A1A0A0A0	4915P38024	4-20x20x2 TA	?
64424	Rooftop HVAC Unit, RTU-2, Service Centre Roof, Serving 2nd Floor	BD0392.D3040	RTU-2	48TCED12A2A1A0A0A0	2113G10071	4-20x20x2 TA	?
45801	Supply Fan, Garage	BD0392.D3040	SF1	FRA-9	N/A		1-A37
45802	Supply Fan, Roof	BD0392.D3040	SF2	FRA-9	N/A		1-A37
45803	Supply Fan, Roof	BD0392.D3040	SF3	N/A	N/A		1-A37
<b>BD0394.D3000</b>	<b>CHARLES BEST F/H - 2525 Como Lake Ave</b>	<b>BD0394.D3000</b>					
45708	Convertor Radiator, Mechanical Room Wall Mounted	BD0394.D3020	Con-1	C-1W			
45706	Force Flow heater 1, Change Room Wall Mounted, Change Room	BD0394.D3020	FC-1	CUH-7		1-10x38x1 TA	
45707	Force Flow heater 2, Change Room Wall Mounted, Change Room	BD0394.D3020	FC-2	CUH-7		1-10x38x1 TA	
45695	Exhaust Fan 1, Mechanical Room Ceiling, Change Room	BD0394.D3040	EF-1	CSP-A700			
45696	Exhaust Fan 2, Mechanical Room Ceiling, Change Room	BD0394.D3040	EF-2	CSP-A700			
45697	Exhaust Fan 3, H/C Washroom Ceiling, Washroom	BD0394.D3040	EF-3	SP-A125			
45698	Exhaust Fan 4, H/C Washroom Ceiling, Washroom	BD0394.D3040	EF-4	SP-A125			
45699	Exhaust Fan 5, Janitors Room Ceiling, Janitors Room	BD0394.D3040	EF-5	SP-A125			
45700	Exhaust Fan 6, Concession Ceiling, Concession	BD0394.D3040	EF-6	SP-A125			
<b>BD0395.D3000</b>	<b>SERVICE CENTRE GARAGE - 2647 Austin Ave</b>	<b>BD0395.D3000</b>					
73022	Rooftop Direct Fired Make Up Air Unit, MUA-1, Spray Booth, Service Centre Garage	BD0395.D3000	MUA-1	HE221/0	S51744 MUA-1	12-20x25x2 Pleated	2-B104
65317	Furnace, Furn-1, York, Furnance Room, Service Centre Garage	BD0395.D3020	FURN-1	FC48C3XC1A	W1B3481656	1-20x24x1 Pleated	
65318	Heat Pump Condensing Unit, HPS-1, Roof, Service Centre Garage	BD0395.D3020	HPS-1	48TCED09A5A0A0A0	0112G20206		
45858	Infrared Heater, Mechanic shop	BD0395.D3020	Infrared	N/A	N/A		
45847	Radiant Heater, LD/HD Garage, LD/HD Garage	BD0395.D3020	RH1	CRV-90	N/A	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45855	Radiant Heater, LD/HD Garage, East Garage	BD0395.D3020	RH10	CRV-90	N/A	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45856	Radiant Heater, LD/HD Garage, East Garage	BD0395.D3020	RH11	MA60	62210	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45846	Radiant Heater, HD Garage, HD Garage	BD0395.D3020	RH2	CRV-90	N/A	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45848	Radiant Heater, LD/HD Garage, LD/HD Garage	BD0395.D3020	RH3	CRV-90	N/A	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45849	Radiant Heater, LD/HD Garage, Weld Bay	BD0395.D3020	RH4	CRV-90	N/A	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45850	Radiant Heater, LD/HD Garage, East Garage	BD0395.D3020	RH5	CRV-90	N/A	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45851	Radiant Heater, LD/HD Garage, East Garage	BD0395.D3020	RH6	CRV-90	N/A	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45852	Radiant Heater, LD/HD Garage, East Garage	BD0395.D3020	RH7	CRV-90	N/A	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45853	Radiant Heater, LD/HD Garage, East Garage	BD0395.D3020	RH8	CRV-90	N/A	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45854	Radiant Heater, LD/HD Garage, East Garage	BD0395.D3020	RH9	CRV-90	N/A	see Radiant Heater PM / Part number 5880120 / EMCO HVAC	
45857	Unit Heater, Sm Motors	BD0395.D3020	UH	PAE200AC0111	30011011896-8276		
45859	Air Conditioner-Evap, Main Office, Garage office	BD0395.D3030	AC1	PKH24EK	586002580	Washables	
45860	Condensing Unit, Roof	BD0395.D3030	CU1	PUH24EK	57E00935D		
45828	Exhaust Fan, Roof	BD0395.D3040	EF01	25029	590		1-A29
45829	Exhaust Fan, Roof	BD0395.D3040	EF02	L324	N/A		1-A29
45830	Exhaust Fan, Roof	BD0395.D3040	EF03	L324	N/A		
45831	Exhaust Fan, Roof	BD0395.D3040	EF04	PR82	HT31850		
45832	Exhaust Fan, Roof	BD0395.D3040	EF05	I2K	46549		
45833	Exhaust Fan, Roof	BD0395.D3040	EF06	PR73	HT31840		
45834	Exhaust Fan, Roof	BD0395.D3040	EF07	PR76	HT31846		
45835	Exhaust Fan, Roof	BD0395.D3040	EF08	PR10B6	HT31849		
45836	Exhaust Fan, Roof	BD0395.D3040	EF09	B1-13	1995		
45837	Exhaust Fan, Roof	BD0395.D3040	EF10	TEFC154	F0359		
45838	Exhaust Fan, Roof	BD0395.D3040	EF11	BI-13	1995		
45839	Exhaust Fan, Roof	BD0395.D3040	EF12	PR76	HT31847		
45840	Exhaust Fan, Paintbooth	BD0395.D3040	EF13	N/A	N/A		
45841	Exhaust Fan, Roof	BD0395.D3040	EF14	DX14B	816433		
56482	Paintbooth Fans, F-1	BD0395.D3040	F-1				
56483	Paintbooth Fans, F-2	BD0395.D3040	F-2				
55952	Rooftop Gas, RTU-1 HVAC Unit, Roof	BD0395.D3040	HVAC1	48Tced09A2A5-0A0A0	0112G20206	4-20x20x2 TA	1-A48
45842	Supply Fan, Roof	BD0395.D3040	SF1	RX-300S	702N817		
45843	Supply Fan, Roof	BD0395.D3040	SF2	RX-300S	702N814		
45844	Supply Fan, Roof	BD0395.D3040	SF3	RX-300S	702N816		
56481	Supply Fan, Roof, SF-4	BD0395.D3040	SF-4	RX-300S	VH702N813		
<b>BD0396.D3000</b>	<b>SERVICE CENTRE AUX - 2647 Austin Ave</b>	<b>BD0396.D3000</b>					
68387	Furnace, FURN -1, Crawl Space, AWY Auxiliary Building	BD0396.D3020	FURN-1	TM9T100C16MP11B	W1N3272419	1-20x24x1 TA	
68389	Furnace, FURN -2, Crawl Space, AWY Auxiliary Building	BD0396.D3020	FURN-2	TM9T080B12MP11B	W1B4426569	1-16x20x1 TA	
56486	Exhaust Fan, EF-1	BD0396.D3040	EF-1	AX12IUHE	MOAO3849		
56488	Exhaust Fan, EF-2	BD0396.D3040	EF-2	B16C			

**City of Coquitlam RFP 16-05-08 HVAC Systems Maintenance & Repair Services  
Appendix A - HVAC Equipment Inventory, Address, Belt & Filter List**

CODE	ASSET	UNIFORMAT	TAG	MAKE / MODEL	SERIAL #	FILTER (all pleated filters must be a minimum of MERV 8)	BELTS
56489	Exhaust Fan, EF-3	BD0396.D3040	EF-3	B16C			
56487	Exhaust Fan Motor, EFM-1	BD0396.D3040	EFM-1	K48HXF-JH-3849	MOAO3849		
<b>BD0400.D3000</b>	<b>ANIMAL SHELTER - 500 Mariner Way</b>	<b>BD0400.D3000</b>					
52368	Exhaust Fans, EF-1, Roof , Dog Kennals	BD0400.D3000	EF-1	PX185	20038		
52376	Exhaust Fans, EF-11, Roof, Electrical Room	BD0400.D3000	EF-11	DX-113R	20037		
52369	Exhaust Fans, EF-2, Roof, Dog Kennals	BD0400.D3000	EF-2	DX165	20036		
52370	Exhaust Fans, EF-3, Roof, Dog Kennals	BD0400.D3000	EF-3	DX165	??????		
52371	Exhaust Fans, EF-4,Ceiling, Pet Wash-Food Storage	BD0400.D3000	EF-4	Z-8 SH	????		
52372	Exhaust Fans, EF-5, Ceiling, Bathrooms	BD0400.D3000	EF-5	Z-6 S/H	?????		
52373	Exhaust Fans, EF-6, Ceiling, Cat Room	BD0400.D3000	EF-6	Z6 S/H	??????		
52374	Exhaust Fans, EF-7, Ceiling, Cat Room	BD0400.D3000	EF-7	Z-8 S/H	?????		
52375	Exhaust Fans, EF-8, Ceiling, Bath Room	BD0400.D3000	EF-8	ECF-50	?????		
52339	Furnance, Furn-1, Mechanical Room , Main and Upper Floors	BD0400.D3000	FURN-1	G5000H-60D-135-00	5801M08523	1-16x25x1 TA	
52362	Unit Heater, UH-1, Dog Kennals	BD0400.D3000	UH-1	ST-30			
52363	Unit Heater, UH-2, Dog Kennals	BD0400.D3000	UH-2	ST-30			
52364	Unit Heater, UH-3, Dog Kennals	BD0400.D3000	UH-3	ST-30			
52365	Unit Heater, UH-4, Dog Kennals	BD0400.D3000	UH-4	ST-30			
52366	Unit Heater, UH-5, Dog Kennals	BD0400.D3000	UH-5	ST-30			
52367	Unit Heater, UH-6, Dog Kennals	BD0400.D3000	UH-6	ST-30			
56493	A-Coil	BD0400.D3040	Acoil	CA060A8E6X0F3	S0605070292		
56492	Condensing Unit, CU-1	BD0400.D3040	CU-1	YCJF48S4151A	WOE9822357		
56494	Exhaust Fan, EF-9	BD0400.D3040	EF-9	DX16VSR	59271		
<b>BD0403.D3000</b>	<b>INNOVATION CENTRE - 1207 Pinetree way</b>	<b>BD0403.D3000</b>					
45599	Roof Top Unit, RTU-1, Main Floor, Roof Innovation Centre ( Closet to Evergreen )	BD0403.D3020	RTU-1	GCS24-1603-270-1J	5696J03037	6-24x24x2 Pleated	2-B62
45598	Roof top Unit, RTU-2, Basement area, Roof Innovation Centre ( Middle Unit )	BD0403.D3020	RTU-2	GCS24-953-200-1J	5696E00421	4-16x20x2 Pleated	1-A46
45597	Roof Top Unit,RTU-3, Chamber of Commerce , Innovation Centre North Roof Unit	BD0403.D3020	RTU-3	LGA180-sh1J	5696C00117	4-20x25x2 Pleated	1-A53
56498	Duct Heater, Chamber Of Commerce, DH-1	BD0403.D3040	DH-1	FC-CTPC	119955-001		
56497	Exhaust Fan, Women's Downstairs Washroom, EF-1	BD0403.D3040	EF-1	JE2J052N	03UU		
56499	Transfer Fan, Chamber Of Commerce, TF-1	BD0403.D3040	TF-1		03UU		
<b>BD0412.D3000</b>	<b>PSLC ( Pool ) - 633 Poirier St</b>	<b>BD0412.D3000</b>					
45255	Air Conditioner, AC-01, IT Room, PSLC ( Pool ) IT-010	BD0412.D3030	AC-1	TTB018C100		1-20x20x1 Pleated	
45257	Condensing Unit, Roof, AC-1	BD0412.D3030	CU-1	2 TEC3F 18A 1000AA			
45258	Air Handler, AHU-01, PSLC ( Pool ) Roof, Natatorium	BD0412.D3040	AHU-1	PV-M2P-8728-PVP		10-20x20x2 High Cap Pleat	2-B100   2-B38
45259	Air Handler, AHU-02, PSLC ( Pool ) Roof, Natatorium	BD0412.D3040	AHU-2	PV-M2P-8728-PVP		10-20x20x2 High Cap Pleat	2-B100   2-B38
45260	Air Handler, AHU-03, Change Room, PSLC ( Pool ) Roof	BD0412.D3040	AHU-3	PV-MZS-55050-0006		12-16x20x2 High Cap Pleat	2-B64
45261	Air Handler, AHU-04, Administration Offices, PSLC ( Pool ) Roof	BD0412.D3040	AHU-4	YSC072AWEMAZZJSD		4-16x25x2 High Cap Pleat	1-A29
45262	Air Handler, AHU-05, Fitness Room Upstairs (north), PSLC ( Pool ) Roof	BD0412.D3040	AHU-5	YCD180BWLCHB		2-20x20x2 HCP   4-20x25x2 HCP	1-BX70
45263	Air Handler, AHU-06, Fitness Room Upstairs (South), PSLC ( Pool ) Roof	BD0412.D3040	AHU-6	YCD180BWLCHB		2-20x20x2 HCP   4-20x25x2 HCP	1-BX70
45264	Air Handler, AHU-07, upstairs Leasable Space PSLC ( Pool ) Roof	BD0412.D3040	AHU-7	YSC048A3EMA2MD		1-20x25x1 Pleated	1-A26
45265	Heat Pump, AHU-08 Multi-Purpose Room, PSLC ( Pool )	BD0412.D3040	AHU-8	EC0181VTC-FLE		1-16x20x1 Pleated	
45267	Exhaust Fan, Chemical Room, Chemical Room	BD0412.D3040	EF-1	BSQ-160-5			
45276	Exhaust Fan, EF-10, Elevator Machine Room, Roof PSLC ( POOL )	BD0412.D3040	EF-10	SQ-95-D			
51688	Fan (EF-11), Chiller Exhaust Fan, Exhaust	BD0412.D3040	EF-11				1-A49
51689	Fan (EF-114), Fire Pump Ventilation, Exhaust	BD0412.D3040	EF-114				
45268	Exhaust Fan, Boiler Room, Ozone Room	BD0412.D3040	EF-2	ESQ-80-4			1-3L350
45269	Exhaust Fan, Recycling Room, Chlorine Room	BD0412.D3040	EF-3	BSQ-80-4			1-A35
45270	Exhaust Fan, Pool Storage, Main Floor Janitor Room	BD0412.D3040	EF-4	CSP-A390			
45271	Exhaust Fan, Washroom 102, Washroom Main Floor 102	BD0412.D3040	EF-5	CSP-B200			
45272	Exhaust Fan, Washroom 211, Washroom 2nd Floor 211	BD0412.D3040	EF-6	CSP-B200			
45273	Exhaust Fan, Washroom 210, Washroom 2nd Floor 210	BD0412.D3040	EF-7	CSP-B200			
45274	Exhaust Fan, Janitor Room, Janitor Room	BD0412.D3040	EF-8	CSP-A250			
45275	Exhaust Fan, Electrical Room, Basement Electrical Room	BD0412.D3040	EF-9	BSQ-140-7			1-A44
51594	Fan (EF-101), 1040, Dryer Booster	BD0412.D3040	EF-101	CVS275A SI			
45266	Heat Pump, AHU-09 Mechanical Room, PSLC ( Pool )	BD0412.D3040	AHU-9	ECO070-5H2N		2-20x24x1 Pleated	
77665	Supply Heat Pump, HPS-3, Ozone Room	BD0412.D3040	HPS-3	LV030-1HXC-FLEPDB-XASM	2940-619-000001-7735046378	1- 10x16x1 TA	
51690	Fan (SF-1), Chiller Supply Fan, Supply	BD0412.D3040	SF-1				1-A49
<b>BD0421.D3000</b>	<b>PSLC ( Arena ) - 633 Poirier St</b>	<b>BD0421.D3000</b>					
51590	Air Handling Unit (AHU-1), Rooftop, Main Hockey Rink	BD0421.D3040	AHU-1	LM32/HE20/CCCO/DWD		10-20x24x2 HCP   1-24x24x2 HCP	3-B124
51591	Air Handling Unit (AHU-2), Rooftop, New Hockey Rink	BD0421.D3040	AHU-2	FWA143/HP/DHP/C/O		6-20x20x2 PL	2-B38
51592	Air Handling Unit (AHU-3), Rooftop, New Curling Rink	BD0421.D3040	AHU-3	FWA143/HP/DHP/C/O		8-20x20x2 PL	2-B38
51593	Curling Dehumidifer (DH-1), Roof, Curling Rink	BD0421.D3040	DH-1	A10G		1-24x24x2 PL   2-20x25x2 PL   1-20x20x2 PL	
77666	Exhaust Fan (EF-101), Compressor Room, Refrigeration Room Exhaust	BD0421.D3040	EF-101	TCB-2-24-30	N/A		?
51595	Fan (EF-102), Roof, Zamboni 1139 Curling	BD0421.D3040	EF-102	Domex DX 16S			
51596	Fan (EF-103), Roof, Workshop 1134 Ventilation	BD0421.D3040	EF-103	Domex DX 16S			
51597	Fan (EF-104), Roof, Zamboni 1133 Rec Rink	BD0421.D3040	EF-104	Domex DX 16S			
51598	Fan (EF-105), Roof, Zamboni 1130 Main	BD0421.D3040	EF-105	Domex DX 16Q			
51599	Fan (EF-106), Storage Room 1029, Ventilation	BD0421.D3040	EF-106	Z12H TDA			
51600	Exhaust Fan, EF-107, Elevator Machine Room 1005, Ventilation, PSLC ( Arena )	BD0421.D3040	EF-107	Z81S TDA			
51601	Fan (EF-109), Office W/R 1092, Exhaust	BD0421.D3040	EF-109	VCDK009C			
51602	Fan (EF-110), Storage Room 1059, Exhaust	BD0421.D3040	EF-110	Z12S TDA			
51603	Fan (EF-111), Storage Room 1073, Exhaust	BD0421.D3040	EF-111	Z12S TDA			



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CODE	ASSET	UNIFORMAT	TAG	MAKE / MODEL	SERIAL #	FILTER (all pleated filters must be a minimum of MERV 8)	BELTS
51604	Fan (EF-112), Staff W/R 1130, Exhaust	BD0421.D3040	EF-112	Z12S TDA			
51605	Fan (EF-113), Ticket Office, Exhaust	BD0421.D3040	EF-113	FQTR 110			
51606	Fan (EF-201), Kitchen W/R 2043, Exhaust	BD0421.D3040	EF-201	VCDK009C			1-B46
51607	Fan (EF-202), Kitchen Storage 2041/2045, Exhaust	BD0421.D3040	EF-202	DX11R			
51608	Fan (EF-203), Storage/Janitor 2038, Exhaust	BD0421.D3040	EF-203	DX13R			
51609	Fan (EF-205), Roof, Exhaust	BD0421.D3040	EF-205	B122 RM			
51610	Fan (EF-206), Press Box, Exhaust	BD0421.D3040	EF-206	Z815/RA			
51622	Supply Heat Pump (HPS-102A), Mechanical 2042	BD0421.D3040	HPS-102A	EC096-5VTC		2-20x35x1 TA	1-A46
51623	Supply Heat Pump (HPS-102B), Mechanical 2043	BD0421.D3040	HPS-102B	EC096-5VTC		2-20x35x1 TA	1-A55
51624	Supply Heat Pump (HPS-103), Rental 1010	BD0421.D3040	HPS-103	EC007-1HZC		1-10x16x1 TA	
51625	Supply Heat Pump (HPS-105), Staff 1093	BD0421.D3040	HPS-105	EC018-1HZC		1-16x20x1 TA	
51626	Supply Heat Pump (HPS-106), Office 1165	BD0421.D3040	HPS-106	EC036-3HZC		1-18x30x1 TA	
51627	Supply Heat Pump (HPS-107), Office 1165	BD0421.D3040	HPS-107	EC012-1HZC		1-10x16x1 TA	
51628	Supply Heat Pump (HPS-108), Office 1162	BD0421.D3040	HPS-108	EC014-3HZC		1-18x20x1 TA	
51629	Supply Heat Pump (HPS-109), Office 1146	BD0421.D3040	HPS-109	EC036-3HZC		1-18x30x1 TA	
77667	Supply Heat Pump (HPS-110), Figure Skate Office, 4.8	BD0421.D3040	HPS-110	TCH012AGC30CLSS	T14019605	1-10x16x1 TA	
51631	Supply Heat Pump (HPS-111), Training 1037	BD0421.D3040	HPS-111	EC012-1HZC		1-10x16x1 TA	
51632	Supply Heat Pump (HPS-112), Zamboni 1139	BD0421.D3040	HPS-112	EC012-1HZC		1-10x16x1 TA	
51633	Supply Heat Pump (HPS-113), Workshop 1134	BD0421.D3040	HPS-113	EC012-1HZC		1-10x16x1 TA	
51634	Supply Heat Pump (HPS-114), Zamboni 1133	BD0421.D3040	HPS-114	EC012-1HZC		1-10x16x1 TA	
51635	Supply Heat Pump (HPS-115), Zamboni 1030	BD0421.D3040	HPS-115	EC012-1HZC		1-10x16x1 TA	
51636	Supply Heat Pump (HPS-116), Office 1007	BD0421.D3040	HPS-116	EC012-1HZC		1-10x16x1 TA	
51637	Supply Heat Pump (HPS-117), Audio 1006	BD0421.D3040	HPS-117	EC036-3HZC		1-18x30x1 TA	
51639	Supply Heat Pump (HPS-119), Telecom 1044, 6	BD0421.D3040	HPS-119	EC018-1HZC		1-16x20x1 TA	
51640	Supply Heat Pump (HPS-120), Electrical 1138	BD0421.D3040	HPS-120	EC024-1HZC		1-18x20x1 TA	
51641	Supply Heat Pump (HPS-121), Mechanical 1143a, 6	BD0421.D3040	HPS-121	EC018-1HZC		1-16x20x1 TA	
51642	Supply Heat Pump (HPS-123), Storage 1027	BD0421.D3040	HPS-123	EC036-3HZC		1-18x30x1 TA	
51643	Supply Heat Pump (HPS-124), Storage 1027	BD0421.D3040	HPS-124	EC036-3HZC		1-18x30x1 TA	
51644	Supply Heat Pump (HPS-202), Meeting 2027	BD0421.D3040	HPS-202	EC009-1HZC		1-10x16x1 TA	
51645	Supply Heat Pump (HPS-203), Viewing NW Upper	BD0421.D3040	HPS-203	EC060-3HZC		2-20x20x2 PL	
51646	Supply Heat Pump (HPS-204A), Viewing 2033	BD0421.D3040	HPS-204A	EC030-3HZC		1-18x20x1 TA	
51647	Supply Heat Pump (HPS-204B), 2032	BD0421.D3040	HPS-204B	EC030-3HZC		1-18x20x1 TA	
51648	Supply Heat Pump (HPS-204C), Viewing 2034	BD0421.D3040	HPS-204C	EC030-3HZC		1-18x20x1 TA	
51649	Supply Heat Pump (HPS-205), Viewing 2033	BD0421.D3040	HPS-205	EC024-3HZC		1-18x20x1 TA	
51650	Supply Heat Pump (HPS-207), Office 2016	BD0421.D3040	HPS-207	EC007-1HZC		1-10x16x1 TA	
51651	Supply Heat Pump (HPS-208), Concourse 2012	BD0421.D3040	HPS-208	EC030-3HZC		1-18x20x1 TA	
66394	Supply Heat Pump (HPS 210), Located in main arena, serves changerooms	BD0421.D3040	HPS-210	EC060-3HZC-FRS	3540-305-000001-T111M5590		
52247	Supply Heat Pump, HPS-211 ,Express/Adanac Change room ( Rm 35)	BD0421.D3040	HPS-211	EC030-3HZC	3540-1-3-00001 T111M24438		
52248	Supply Heat Pump, HPS-212, Express/Adanac Change room ( Rm 35)	BD0421.D3040	HPE-205	EC030-3HZC	3540-1-3-00001 T111M22446		
51741	Gas Tube Heaters (IH-1), Recreation Heaters, Seat Heat	BD0421.D3040	IH-1				
51742	Gas Tube Heaters (IH-2), Recreation Heaters, Seat Heat	BD0421.D3040	IH-2				
51743	Gas Tube Heaters (IH-3), Recreation Heaters, Seat Heat	BD0421.D3040	IH-3				
51652	Make-up Air Handling Unit (MUA-1), Rooftop, Building Ventilation	BD0421.D3040	MUA-1	DJE140/CO		8-20x24x2 HCP   4-12x24x2 HCP   1-24x30x1PL   2-24x24x2 PL	2-B85
51662	Return Air Fan (RF-1), Roof, Main Hockey Rink	BD0421.D3040	RF-1	SX420BC			
51663	Transfer Fan (TF-1), Storage 2045, Change Room	BD0421.D3040	TF-1	215		1-20x34.5x1 PL	1-A53
69082	Desiccant Dehumidifier, DH-2, Engineered Air	BD0421.D3090	DH-2	LM3/Her27/O/DWD	5/580	1-16x20x2 PL / 3-20x24x2 PL	1-B77
51611	Exhaust Heat Pump (HPE-101), Empties 2041	BD0421.D3040	HPE-101	EC048-5HZC		1-18x20x1 TA	
51612	Exhaust Heat Pump (HPE-102), Viewing 2036	BD0421.D3090	HPE-102	EC096-5VTC		2-20x35x1 TA	
51613	Exhaust Heat Pump (HPE-103), Corridor 1125	BD0421.D3090	HPE-103	EC030-3HZC		1-18x20x1 TA	
51614	Exhaust Heat Pump (HPE-104), Corridor 1032	BD0421.D3090	HPE-104	EC024-1HZC		1-18x20x1 TA	
51615	Exhaust Heat Pump (HPE-105), Janitor 1148	BD0421.D3090	HPE-105	EC096-3HZC		2-20x35x1 TA	
51616	Exhaust Heat Pump (HPE-106), Janitor 1047	BD0421.D3090	HPE-106	EC030-3HZC		1-18x20x1 TA	
51617	Exhaust Heat Pump (HPE-107), Women's 1011	BD0421.D3090	HPE-107	EC096-3HZC		2-20x35x1 TA	
51618	Exhaust Heat Pump (HPE-201), Women's 2025	BD0421.D3090	HPE-201	EC048-5HZC		1-18x20x1 TA	
51619	Exhaust Heat Pump (HPE-202), Women's 2003	BD0421.D3090	HPE-202	EC030-3HZC		1-18x20x1 TA	
51620	Exhaust Heat Pump (HPE-203), Men's 2017	BD0421.D3090	HPE-203	EC030-3HZC		1-18x20x1 TA	
51621	Exhaust Heat Pump (HPE-204), Maintenance 2007	BD0421.D3090	HPE-204	EC015-3HZC		1-16x20x1 TA	
51698	Supply Heat Pump (HPS-203), Viewing NW Upper	BD0421.I1000	HPS-203			1-18x20x1 TA	
51696	Dry Cooler (DC-101), Server Room, Back up water cooler	BD0421.I1000	DC-101				
51697	Heat Pump (Water to Water) (WW-101), Zamboni Room 1139, Server Room	BD0421.I1000	WW-101				
60509	Heat Pump (Water to Water) (WW-102), Zamboni Room 1139, Server Room	BD0421.I1000	WW-102				
<b>BD0424.D3000</b>	<b>GLEN PINE PAVILION - 1200 Glen Pine Court</b>	<b>BD0424.D3000</b>					
45371	Unit Heater, Mechanical Penthouse	BD0424.D3020	UH-1	H3			
45372	AHU 1, Mechanical Penthouse, First and Second Floors	BD0424.D3040	AHU-1	CAH035GDAC	FBOU070100722	15-20x20x2 PL /3yr bag filters > 15 - 20x20x12 (part ZPS20201265HO)	2-B97   3-B57
45373	Condensing unit, Roof, AHU 1	BD0424.D3040	CU-1	ACZ045BCS37-ER11	STNU070100129		
45376	Exhaust Fan, Roof, Janitor Room	BD0424.D3040	EF-1	GB-071-6			1-3L180
45377	Exhaust Fan, Roof, Kitchen Dish Washer	BD0424.D3040	EF-2	GB-071-6			1-3L180
45378	Exhaust Fan, Roof, Kitchen Hood	BD0424.D3040	EF-3	Cube-161-15			1-4L260
45379	Exhaust Fan, Roof, Lower Washrooms	BD0424.D3040	EF-4	GB-091-4			1-3L180
45380	Exhaust Fan, Roof, upper washrooms	BD0424.D3040	EF-5	GB-091-4			1-3L190
45381	Exhaust Fan, Roof, upper Floor Washroom	BD0424.D3040	EF-7	GB-071-6			1-3L180

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45382	Exhaust Fan, Roof, Craft Room 114	BD0424.D3040	EF-8	GB-081-6			1-3L180
45383	Exhaust Fan, Roof, Craft Room 113	BD0424.D3040	EF-9	GB-071-6			1-3L180
45384	Force Flows, Main Vestibule Room 108	BD0424.D3040	FF-1	RC-1200-02			
45385	Force Flows, Lower Vestibule Room 102	BD0424.D3040	FF-2	RC-1200-02			
45386	Force Flows, Lower lobby Room 101	BD0424.D3040	FF-3	RC-1200-02			
45374	Hydronic Water Heater System Filter, Boiler Room, AHU Water System	BD0424.D3040	HWH-1				
45375	Make up Air, Roof, Kitchen Makeup air	BD0424.D3040	MUA-1	PDFHGASF12C	10728657	8-12x25x2 Pleated	
68075	PSF-1, Parkade Supply Fan, Glen Pine	BD0424.D3040	PSF-1	TCVA	06222797-1-2		
<b>BD0429.D3000</b>	<b>Centennial Pavilion - 630 Poirier St</b>	<b>BD0429.D3000</b>					
52076	Air Conditioner, AHU-1, Westside ground level, Main Hall	BD0429.D3000	AHU-1	ZH120N15S2AAA4B	NOE9840127	4-20x24x2 TA	1-B56
52077	Roof Top Unit, AHU-2, Roof top, Main Hall	BD0429.D3000	AHU-2	Z0086NO828AAA1C	NOE4845574	1-14x25x2 TA   2-14x20x2 TA	1-A37
52078	Roof Top Unit, AHU-3, Roof top, Front Foyer	BD0429.D3000	AHU-3	ZJO36N08P2AAAK	NOE9845575	1-14x25x2 TA   2-14x20x2 TA	1-A37
52079	Roof Top Unit, AHU-4, Roof top, Kitchen, Storerooms	BD0429.D3000	AHU-4	ZJO36N08P2AANC	NOE9845573	1-14x25x2 TA   2-14x20x2 TA	1-A37
56502	Exhaust Fan, Central Roof, EF-1	BD0429.D3040	EF-1				
56501	Exhaust Fan, East Side Roof, EF-2	BD0429.D3040	EF-2	Domex	0B051		
<b>BD0431.D3000</b>	<b>COQUITLAM CITY CENTER LIBRARY - 1169 Pinetree Way</b>	<b>BD0431.D3000</b>				<b>all filters / not as per unit</b>	
58718	ENTRANCE HEATER - ENTRANCE (currently not in use)	BD0431.D3020	UH-101	HV144 3XGTS		10-14x47x1 Pleated	
58719	AC - IT ROOM	BD0431.D3030	AC-1	PKA+A12HA		12-14x38x1 Pleated	
58720	AC - Parking Mechanical Room	BD0431.D3030	AC-2	PUY-A12NHA4		4-10x46x1 Pleated	
58753	FLUID COOLER - PARKADE	BD0431.D3030	FLC-1			4-10x40x1 Pleated	
58749	WATER TO WATER HEAT PUMP - Parking Mechanical Room	BD0431.D3030	HP-1	UCH030AN ASACB0S UCH050AN ASACB0S		6-16x20x2 Pleated	
58708	HEAT PUMP COLD SIDE - Parking Mechanical Room	BD0431.D3030	P-8	SERIES 4280 4x3x8.5		6-20x20x4 Pleated	
58709	HEAT PUMP HOT SIDE - Parking Mechanical Room	BD0431.D3030	P-9	SERIES 4280 3x2.5x6		2-24x25x1 Pleated	
58714	MALE/FEMALE WC - RETAIL PARKING L1 - MECH. ROOM	BD0431.D3040	EF-1	BDF 90 4			
58715	WC 138/115 & JANITORS ROOM 129 - VESTIBULE 131	BD0431.D3040	EF-2	CSP A390			
58716	GARBAGE/RECYCLING 134 - SHIPPING RECEIVING 132	BD0431.D3040	EF-3	CSP A250			1-A42
58717	ELECTRICAL ROOM - VESTIBULE 131	BD0431.D3040	EF-4	BDF 80 4			1-3L370
58700	Air Handling Unit - Parking Mechanical Room	BD0431.D3040	MUA -1	W-2-08I-WW-HW-CW-X-G			
58745	FAN COIL - LOBBY	BD0431.D3050	FC-101	16PHYB-31			
58748	FAN COIL - MEETING ROOM	BD0431.D3050	FC-103	10PHBC-41			
58740	FAN COIL - LIBRARY	BD0431.D3050	FC-106-1	16PHYB-31			
58741	FAN COIL - LIBRARY	BD0431.D3050	FC-106-2	16PHYB-31			
58742	FAN COIL - LIBRARY	BD0431.D3050	FC-106-3	16PHYB-31			
58743	FAN COIL - LIBRARY	BD0431.D3050	FC-106-4	16PHYB-31			
58734	FAN COIL - LOUNGE	BD0431.D3050	FC-106-5	16PHYB-31			
58747	FAN COIL - OFFICE	BD0431.D3050	FC-107	16PHYB-31			
58739	FAN COIL - OFFICE	BD0431.D3050	FC-108	16PHYB-41			
58738	FAN COIL - SUPERVISOR	BD0431.D3050	FC-110	8PHBC-31			
58737	FAN COIL - COMPUTER ROOM	BD0431.D3050	FC-111	10PHBC-31			
58736	FAN COIL - OFFICE	BD0431.D3050	FC-119	10PHBC-31			
58746	FAN COIL - DIGITAL MEDIA	BD0431.D3050	FC-120	10PHBC-31			
58735	FAN COIL - LOUNGE	BD0431.D3050	FC-125	16PHYB-41			
58733	FAN COIL - MULTI PURPOSE	BD0431.D3050	FC-127	20PHYB-31			
58730	FAN COIL - OFFICE	BD0431.D3050	FC-135	8PHBC-31			
58732	FAN COIL - MULTI PURPOSE	BD0431.D3050	FC-136	20PHYB-31			
58731	FAN COIL - MULTI PURPOSE	BD0431.D3050	FC-137	20PHYB-31			
58729	FAN COIL - LOUNGE	BD0431.D3050	FC-140	16PHYB-31			
58726	FAN COIL - LOUNGE	BD0431.D3050	FC-141-1	20PHYB-41			
58727	FAN COIL - LOUNGE	BD0431.D3050	FC-141-2	20PHYB-41			
58728	FAN COIL - LOUNGE	BD0431.D3050	FC-141-3	90SHW4-90HWK			
58721	FAN COIL - LOUNGE	BD0431.D3050	FC-145-1	20PHYB-41			
58722	FAN COIL - LOUNGE	BD0431.D3050	FC-145-2	20PHYB-41			
58723	FAN COIL - LOUNGE	BD0431.D3050	FC-145-3	20PHYB-41			
58724	FAN COIL - LOUNGE	BD0431.D3050	FC-145-4	8PHBC-31			
58725	FAN COIL - LOUNGE	BD0431.D3050	FC-145-5	8PHBC-31			
58744	FAN COIL - LIBRARY	BD0431.D3050	FC-147	20PHYB-42			
<b>BD0433.D3000</b>	<b>BOOTH FARM HOUSE- 1746 Brunette Ave</b>	<b>BD0433.D3000</b>					
72777	Boiler, B-1, Gas Fired Boiler - Hydro Therm, Booth Farm	BD0433.D3000	B-1	HC-125	CFD1075		
<b>BD0434.D3000</b>	<b>TC FIRE PORTABLE - 1300 Pinetree Way</b>	<b>BD0434.D3000</b>					
72124	Furnace, FURN1, Closet, TC Fire Portable	BD0434.D3020	FURN1	EFC12BCP-1A	SA11694	?	
72125	Heat Pump, HP-1, Outside, TC Fire Portable	BD0434.D3030	HP-1	4SHP14LE130P-7	1615F16196		
<b>BD0435.D3000</b>	<b>BURQUITLAM CARE FACILITY - 560 Sydney Ave</b>	<b>BD0435.D3000</b>					
77507	Water Heater, WH1 - Gas	BD0435.D2020	WH1			?	
77508	Domestic Hot Water Storage Tank, DHWT-3	BD0435.D2020	DHWT-3				
77509	Domestic Hot Water Storage Tank, DHWT-2	BD0435.D2020	DHWT-2				
77510	Domestic Hot Water Storage Tank, DHWT-1	BD0435.D2020	DHWT-1				
77511	Boiler, B1 - Gas Fired - Upper Mechanical	BD0435.D3020	B1	AA2520M	80 AM1 4263		
77512	Supply Fan, SF2 - Upper Mechanical - serves Ground Floor	BD0435.D3040	SF2				
77513	Supply Fan, SF7 - Upper Mechanical - serves Kitchen	BD0435.D3040	SF7				
77514	Perimeter Heat System - Hydronic Fin Tube (76 units)	BD0435.D3040					
77515	Exhaust Fan, EF6 - Upper Mechanical - serves kitchen (see SF7)	BD0435.D3040	EF6				

**City of Coquitlam RFP 16-05-08 HVAC Systems Maintenance & Repair Services  
Appendix A - HVAC Equipment Inventory, Address, Belt & Filter List**

CODE	ASSET	UNIFORMAT	TAG	MAKE / MODEL	SERIAL #	FILTER (all pleated filters must be a minimum of MERV 8)	BELTS
77516	Perimeter Heat - Electric Baseboard	BD0435.D3040					
77517	Residential Exhaust Fans (76 Fans)	BD0435.D3040					
77518	Return Fan, RF3 - Upper Mechanical - serves all floors	BD0435.D3040	RF3				
77519	Supply Fan, SF1 - Upper Mechanical - serves 2nd and 3rd Floor	BD0435.D3040	SF1				
77520	Exhaust Fan, EF5 - Upper Mechanical - general building exhaust	BD0435.D3040	EF5				
77522	Radiant Ceiling Panels - Hydronic	BD0435.D3040					
77523	Coil Unit, CU1 - Roof Top - serves ground floor sunroom	BD0435.D3040	CU1	HIDA018S06A	EBAM 038022		
77524	Rooftop Unitary AC, AC2 - Rooftop - serves 2nd and 3rd floor sunrooms	BD0435.D3050	AC2	DIPA30A06A	NMAM 170377		
77528	Packaged Terminal Air Conditioner, AC3 - serves 2nd Floor Nurse Station	BD0435.D3050	AC3	CWC Series			
77530	Package AC Unit, AC1 - Accountants Office Ceiling - serves offices	BD0435.D3050	AC1	50HAQA30ZMC301			
77531	Cabinet Unit Heater, CUH1 - Hot Water	BD0435.D3050	CUH1				
77532	Packaged Terminal Air Conditioner, AC4 - serves 3rd Floor Nurse Station	BD0435.D3050	AC4				

City of Coquitlam RFP 16-05-08 - HVAC Systems Maintenance & Repair Services

**Appendix B - Assets EXCLUDED from the HVAC Maintenance & Repair Services > Boilers/Cooling Towers/Chillers**

Asset	Description	Location	Asset Tag	Model #	Serial #
70975	Boiler, B-1 , Mech Room, Radiant System, Burke Mountain Firestation	BD0302.D3020	B-1	KBN 400	
53876	Condensing boiler (96% eff), B-1, Mech Rm., Heating water - TC Fire Admin	BD0334.D3020	B-1	C230-80	
53877	Condensing boiler (96% eff), B-2, Mech Rm., Heating water - TC Fire Admin	BD0334.D3020	B-2	C230-80	
53875	Air Cooled Chiller, CH-1, located on roof - TC Fire Admin	BD0334.D3030	CH-1	CGAM040	
72206	Boiler, B-1, Mechanical Room , Evergreen	BD0346.D3020	B-1	SL80-399	SL80399-81891
72207	Boiler, B-2, Mechanical Room , Evergreen	BD0346.D3020	B-2	SL80-399	SL80399-82177
72208	Boiler, B-3, Mechanical Room , Evergreen	BD0346.D3020	B-3	SL80-399	SL80399-81892
66588	Boiler, B-1, Place Des Arts Upper Floor Mechanical Room	BD0348.D2020	B-1	SG-315-N-E-D	3 = SEJ-1775
56393	Boiler, B-1, Place Maillardville	BD0350.D3020	B-1	SS-270	SJH6838
45719	Boiler, B-1, Basement Boiler Mechanical, Super Hot, Poirier CC	BD0363.D3020	B-1	N/A	N/A
70345	Boiler, B-1, South Boiler Room, IBC 95% efficient, Poirier Admin	BD0369.D3020	B-1	SL 45-260	SL-45260-01064
77669	Boiler, B-2, North Boiler Room, Poirier Admin (Youth Side)	BD0369.D3020	B-2	SG315-N-E	SAJI-2937
53805	Boiler B-1, Boiler Mechanical Room, Camus, CCAC	BD0375.D3020	B-1	DFNH - 3001	081113548
59308	Boiler, B-2, Boiler Mechanical Room, Camus, CCAC	BD0375.D3020	B-2	DFNH-3001	091216301
72484	Boiler, B-3, Boiler Mechanical Room, IBC, CCAC	BD0375.D3020	B-3	SL80-399	SL-80399-82167
70786	THX Cooling Tower, CT-1, outside of mechanical room - CCAC	BD0375.D3090	CT-1	BAC FXV-0812B-24Q-N	N/A
45468	Boiler, Water Tube, , B-01, Boiler Room, Cleaver Brooks, City Hall	BD0377.D3020	B-01	FLX	BT-5887
45469	Boiler, WaterTube, B-02, Boiler Room, Cleaver Brooks, City Hall	BD0377.D3020	B-02	FLX	BT-5886
45527	Boiler, B-1, Boiler Room, Bryan, Public Safety Building	BD0378.D3020	B-1	CL150-W-DFDG0	78578
45528	Boiler, Watertube, B-2, Boiler Room, Bryan, Public Safety Building	BD0378.D3020	B-2	CL150-W-DFDG1	78579
45705	Boiler, B-1, Mechanical Room , Viesmann, Charles Best Fieldhouse	BD0394.D3020	B-1	GS1-42	7133933-00002
45227	Boiler, Cast Iron Sectional, B-01, Boiler Mechanical Room, Buderus, PSLC ( Pool )	BD0412.D3020	B-01	G615/9	63130070-5292-0060
45228	Boiler, Cast Iron Sectional, B-02, Boiler Mechanical Room, Buderus, PSLC ( Pool )	BD0412.D3020	B-02	G615/9	63130070-5292-0058
51711	Chiller (CH-1), Existing Pool Room, THX High grade heat - PSLC Pool	BD0412.D3090	CH-1		
51692	Cooling Tower, CT-1, Outside Refrigeration Room, TGH Cooling - PSLC ARENA	BD0421.F1210	CT-1		
45364	Boiler (Domestic), HWB-1, Boiler Room, Glen Pine	BD0424.D2020	HWB-1	HW300-104	L0614825
45370	Boiler, B-1, Boiler Room, Lochinvar, Glen Pine Pavilion	BD0424.D3020	B-1	PBN1001-M9	AC7H00193911
58713	Boiler, B-1, Parking Mechanical Room - CCCL	BD0431.D3020	B-1	850 WBX 125A-IFC	
58753	Cooling Tower, CT-1, located in Parkade - CCCL	BD0431.D3030	CT-1 (FLC-1)		
77511	Boiler, B-1, Gas Fired, Upper Mechanical, Burquitlam Care Facility	BD0435.D3020	B-1	AA2520M	80 AM1 4263
56801	Boiler, B-1, Pool Hot Water, 1,790,000 BTU, RBI, Eagle Ridge Pool	BD0975.F1000	B-1	HW1790	121160577
46503	Boiler, Watertube, B-2, Domestic Hot Water, RBI, Mundy Park Spani Pool	BD0979.D3020	B-2	HW0735NOE2A2G	090436464
52590	Boiler, Watertube, B-1, Pool Water Heat, RBI, Mundy Park Spani Pool	BD0979.F1000	B-1	HP1790	031158254

**City of Coquitlam RFP 16-05-08 - HVAC Systems Maintenance & Repair Services  
Appendix C - Maintenance Inspection Services - Price Worksheet**

**Complete & Submit this form with the Proposal Submission Form**

*Note: Maintenance Inspections: filters, belts and consumable parts as required are to be included in the price for each Preventative Maintenance & Inspection service.*

<b>ITEM</b>	<b>Annual - HVAC - Major Inspection - Cooling (Summer Service - March)</b>	<b>Price (exclude tax)</b>
1	PM - PSLC ( Pool ) - Annual - HVAC - Major Inspection - Cooling Summer Service	
2	PM - PSLC ( ARENA ) - Annual - HVAC - Major Inspection - Cooling Summer Service	
3	PM - CCAC - Annual - HVAC - Major Inspection - Cooling Summer Service	
4	PM - Evergreen Cultural Centre - Annual - HVAC - Major Inspection - Cooling Summer Service	
5	PM - Mackin House Museum - Annual - HVAC - Major Inspection - Cooling Summer Service	
6	PM - Place Des Arts - (Ryan House & Addition) Annual - HVAC - Major Inspection - Cooling Summer Service	
7	PM - Place Maillardville - Annual - HVAC - Major Inspection - Cooling Summer Service	
8	PM - Poirier Public Library - Annual - HVAC - Major Inspection - Cooling Summer Service	
9	PM - Centennial Pavilion - Annual - HVAC - Major Inspection - Cooling Summer Service	
10	PM - Dogwood Pavilion - Annual - HVAC - Major Inspection - Cooling Summer Service	
11	PM - Glen Pine Pavilion - Annual - HVAC - Major Inspection - Cooling Summer Service	
12	PM - Innovation Centre - Annual - HVAC - Major Inspection - Cooling Summer Service	
13	PM - Victoria Hall - Annual - HVAC - Major Inspection - Cooling Summer Service	
14	PM - City Hall - Annual - HVAC - Major Inspection - Cooling Summer Service	
15	PM - Public Safety Building ( RCMP ) - Annual - HVAC - Major Inspection - Cooling Summer Service	
16	PM - Service Centre - Water/Sewer Utility Building - Annual - HVAC - Major Inspection - Cooling Summer Service	
17	PM - Service Centre - Vehicle Service Building - Annual - HVAC - Major Inspection - Cooling Summer Service	
18	PM - Service Centre - Auxiliary Building - Annual - HVAC - Major Inspection - Cooling Summer Service	
19	PM - Town Centre Works Yard Trailer - Annual - HVAC - Major Inspection - Cooling Summer Service	
20	PM - Austin Heights Firestation - Annual - HVAC - Major Inspection - Cooling Summer Service	
21	PM - Mariner Firestation - Annual - HVAC - Major Inspection - Cooling Summer Service	
22	PM - Town Center Firestation - Annual - HVAC - Major Inspection - Cooling Summer Service	
23	PM - Town Center Fire Administration Building - Annual - HVAC - Major Inspection - Cooling Summer Service	
24	PM - Town Center Fire Training Portable (Trailer) - Annual - HVAC - Major Inspection - Cooling Summer Service	
25	PM - Charles Best Fieldhouse - Annual - HVAC - Major Inspection - Cooling Summer Service	
26	PM - Poirier Administration - Annual - HVAC - Major Inspection - Cooling Summer Service	
27	PM - Animal Shelter - Annual - HVAC - Major Inspection - Cooling Summer Service	
28	PM - Blue Mountain Park Scout Hall - Annual - HVAC - Major Inspection - Cooling Summer Service	
29	PM - Coquitlam City Centre Library - Annual - HVAC - Major Inspection - Cooling Summer Service	
30	PM - Burke Mountain Firestation - Annual - HVAC - Major Inspection - Cooling Summer Service	
31	PM - Burquitlam Care Facility - Annual - HVAC - Major Inspection - Cooling Summer Service	
32	PM - Mundy Park Fieldhouse - Annual - HVAC - Major Inspection - Cooling Summer Service	
	<b>Service - Major Inspection - Cooling - TOTAL:</b>	\$0.00
<b>ITEM</b>	<b>Annual - HVAC - Major Inspection - Heating (Winter Service - September)</b>	<b>Price (exclude tax)</b>
33	PM - PSLC ( Pool ) - Annual - Major Inspection - Heating - Winter Service (No Boiler Service )	
34	PM - PSLC ( ARENA ) - Annual - Major Inspection - Heating - Winter Service	
35	PM - CCAC - Annual - Major Inspection - Heating - Winter Service (No Boiler Service )	
36	PM - Evergreen Cultural Centre - Annual - Major Inspection - Heating - Winter Service (No Boiler Service )	
37	PM - Mackin House Museum - Annual - Major Inspection - Heating - Winter Service	
38	PM - Place Des Arts (Ryan House & Addition) - Annual - Major Inspection - Heating - Winter Service	
39	PM - Place Maillardville - Annual - Major Inspection - Heating - Winter Service	
40	PM - Poirier Public Library - Annual - Major Inspection - Heating - Winter Service	
41	PM - Centennial Pavilion - Annual - Major Inspection - Heating - Winter Service	
42	PM - Dogwood Pavilion - Annual - Major Inspection - Heating - Winter Service	
43	PM - Glen Pine Pavilion - Annual - Major Inspection - Heating - Winter Service (No Boiler Service )	
44	PM - Innovation Centre - Annual - Major Inspection - Heating - Winter Service	
45	PM - Victoria Hall - Annual - Major Inspection - Heating - Winter Service	
46	PM - City Hall - Annual - Major Inspection - Heating - Winter Service (No Boiler Service )	
47	PM - Public Safety Building ( RCMP ) - Annual - Major Inspection - Heating - Winter Service (No Boiler Service )	
48	PM - Service Centre - Water/Sewer Utility Building - Annual - Major Inspection - Heating - Winter Service	
49	PM - Service Centre - Vehicle Service Building - Annual - Major Inspection - Heating - Winter Service	
50	PM - Service Centre - Auxiliary Building - Annual - Major Inspection - Heating - Winter Service	
51	PM - Town Centre Works Yard Trailer - Annual - Major Inspection - Heating - Winter Service	
52	PM - Town Centre Works Yard Workshop- Annual - Major Inspection - Heating - Winter Service	
53	PM - Austin Heights Firestation - Annual - Major Inspection - Heating - Winter Service	
54	PM - Mariner Firestation - Annual - Major Inspection - Heating - Winter Service	
55	PM - Town Center Firestation - Annual - Major Inspection - Heating - Winter Service	
56	PM - Town Center Fire Administration Building - Annual - Major Inspection - Heating - Winter Service	
57	PM - Town Center Fire Training Portable (Trailer) - Annual - Major Inspection - Heating - Summer Service	
58	PM - Charles Best Fieldhouse - Annual - Major Inspection - Heating - Winter Service	
59	PM - Poirier Administration - Annual - Major Inspection - Heating - Winter Service	
60	PM - Animal Shelter - Annual - Major Inspection - Heating - Winter Service	
61	PM - Blue Mountain Park Scout Hall - Annual - Major Inspection - Heating - Winter Service	
62	PM - Town Centre Park Fieldhouse - Annual - Major Inspection - Heating - Winter Service	
63	PM - Mundy Park Fieldhouse - Annual - Major Inspection - Heating - Winter Service	
64	PM - Burke Mountain Firestation - Annual - Major Inspection - Heating - Winter Service	
65	PM - Blue Mountain Park Washroom - annual - Major Inspection - Heating - Winter Service	
66	PM - Town Centre Park Concession - Annual - Major Inspection - Heating - Winter Service	
67	PM - Town Centre Park Stadium Storage - Annual - Major Inspection - Heating - Winter Service	
68	PM - Poirier Community Centre - Annual - Major Inspection - Heating - Winter Service	
69	PM - Poirier Forum - Annual - Major Inspection - Heating - Winter Service	
70	PM - Coquitlam City Centre Library - Annual - Major Inspection - Heating - Winter Service	
71	PM - Booth Farm - Annual - Major Inspection - Heating - Winter Service	

**City of Coquitlam RFP 16-05-08 - HVAC Systems Maintenance & Repair Services  
Appendix C - Maintenance Inspection Services - Price Worksheet**

**Complete & Submit this form with the Proposal Submission Form**

*Note: Maintenance Inspections: filters, belts and consumable parts as required are to be included in the price for each Preventative Maintenance & Inspection service.*

72	PM - Burquitlam Care Facility - Annual - Major Inspection - Heating - Winter Service	
73	PM - Robinson Memorial Park Admin Building - Annual - Major Inspection - Heating - Winter Service	
	<b>Service - Major Inspection - Heating - TOTAL:</b>	\$0.00
<b>ITEM</b>	<b>HVAC - Minor Inspection Semi Annual - 6 Month - (to be completed Twice a Year in Jan &amp; July)</b>	<b>Price (exclude tax)</b>
74	PM - PSLC ( POOL ) - 6 Month - HVAC - Minor Inspection	
75	PM - PSLC ( ARENA ) - 6 Month - HVAC - Minor Inspection	
76	PM - CCAC - 6 Month - HVAC - Minor Inspection	
77	PM - Evergreen Cultural Centre - 6 Month - HVAC - Minor Inspection	
78	PM - Mackin House Museum - 6 Month - HVAC - Minor Inspection	
79	PM - Place Des Arts ( Ryan House and Addition ) - 6 Month - HVAC - Minor Inspection	
80	PM - Place Maillardville - 6 Month - HVAC - Minor Inspection	
81	PM - Poirier Public Library - 6 Month - HVAC - Minor Inspection	
82	PM - Centennial Pavilion - 6 Month - HVAC - Minor Inspection	
83	PM - Dogwood Pavilion - 6 Month - HVAC - Minor Inspection	
84	PM - Glen Pine Pavilion - 6 Month - HVAC - Minor Inspection	
85	PM - Innovation Centre - 6 Month - HVAC - Minor Inspection	
86	PM - Victoria Hall - 6 Month - HVAC - Minor Inspection	
87	PM - City Hall - 6 Month - HVAC - Minor Inspection	
88	PM - Public Safety Building ( RCMP ) - 6 Month - HVAC - Minor Inspection	
89	PM - Service Centre - Water/Sewer Utility Building - 6 Month - HVAC - Minor Inspection	
90	PM - Service Centre - Vehicle Service Building - 6 Month - HVAC - Minor Inspection	
91	PM - Animal Shelter - 6 Month - HVAC - Minor Inspection	
92	PM- Mundy Park Fieldhouse - 6 Month - HVAC - Minor Inspection	
93	PM - Austin Heights Firestation - 6 Month - HVAC - Minor Inspection	
94	PM - Mariner Firestation - 6 Month - HVAC - Minor Inspection	
95	PM - Town Center Firestation - 6 Month - HVAC - Minor Inspection	
96	PM - Town Center Fire Administration Building - 6 Month - HVAC - Minor Inspection	
97	PM - Coquitlam City Centre Library - 6 month - HVAC - Minor Inspection	
98	PM - Burke Mountain Firestation - 6 month - HVAC - Minor Inspection	
99	PM - Poirier Forum - 6 month - HVAC - Minor Inspection	
100	PM - Burquitlam Care Facility - 6 month - HVAC - Minor Inspection	
	<b>HVAC Minor Inspection (each inspection) - TOTAL:</b>	\$0.00
	<b>HVAC Minor Inspections (Two (2) times per year) - Annual TOTAL:</b>	\$0.00
<b>ITEM</b>	<b>Additional Services</b>	<b>Unit Price (exclude tax)</b>
101	PM - Public Safety Building (RCMP) - Monthly - HVAC - Filters Change - Complete Filter Set (see asset list)	
102	PM - PSLC (ARENA) - Monthly -Filter Changes - DH1 (Munter), DH2 (Engineered Air) and TF-1 1 - TF 1 - Storage 2045 - 20x34.5x1 pleated 1 - Munter - DH1 Rooftop - 24x24x2 pleated 2 - Munter - DH1 Rooftop - 20x25x2 pleated 1 - Munter - DH1 Rooftop - 20x20x2 pleated 1 - Engineered Air - DH2 Rooftop - 16x20x2 pleated 3- Engineered Air - DH2 Rooftop - 20x24x2 pleated	
103	PM - Glen Pine Pavilion - 3 Year - HVAC - AHU1 - Bag Filter Replacement bag filters for the McQuay AHU 1 > 15 - 20x20x12 (part ZPS20201265HO / Roto Aire / Make Glasfloss)	
104	PM - CCAC - Monthly - HVAC - AHU 1 to 6 / Filter Changes - Complete Filter Set (see asset list)	
105	PM - COQ - Annual - HVAC - Radiant Heater - Filter Change (Winter Service / Sept) > Note: 25ft Scissor Lift required Part number of the filters is 5880120 / EMCO HVAC (total of 30 filters for 4 sites / see asset list)	
106	PM - Dogwood Pavilion - Monthly - HVAC - RTU1 (wood shop) Filter Change 2-20x25x2 Poly Media	



**City of Coquitlam  
REQUEST FOR PROPOSALS  
RFP No. 16-05-08**

**HVAC SYSTEMS MAINTENANCE & REPAIR SERVICES**

**Proposals will be received on or before 2:00pm local time on:**

**Tuesday, November 29, 2016**  
(Closing date and time)

**INSTRUCTIONS FOR PROPOSAL SUBMISSION**

Proposal submissions are to be consolidated into one (1) .pdf file and uploaded electronically through QFile, the City’s file transfer service accessed at website: [qfile.coquitlam.ca/bid](http://qfile.coquitlam.ca/bid)

- 1. In the “Subject Field” enter:** RFP Number and Name
- 2. Add files in .pdf format and Send**  
(Ensure your web browser remains open until you receive 2 emails from Qfile to confirm upload is complete.)

Proponents are to allow ample time to complete the Proposal Submission process.  
If assistance is required phone: 604-927-3060

**Proposal Submission Form**

Complete and return this section and  
**Appendix C - Maintenance Inspection Services - Price Worksheet**

**Submitted by:** \_\_\_\_\_  
(company name)

**1. PRICE**

Price for the Preventive Maintenance on various Heating, Ventilation and Air-Conditioning (H.V.A.C.) equipment including associated electrical components all in accordance with the operational and scope of work requirements as outlined in **Sections 3 & 4.**

Services provided are to be in accordance with all governing regulatory authorities within the City of Coquitlam, including, but not limited to, the BC Building Code and WorkSafeBC.

**1.1. HVAC Systems Tradesperson Labour Rates**

The Tradesperson Labour Rates are all inclusive including, without limitation, wages, benefits, vehicle, fuel, tools, mobilization and demobilization, overhead and profit.

Materials will be itemized and charged separately.

The following labour rates for tradespersons including General Foremen are firm for a minimum period of **two (2) years.**

	Tradesperson Labour Rates	Price per Hour (exclude tax)
<b>1.</b>	<b>State Worker Type:</b>	
(a)	Regular time (state hours):Monday to Friday	\$
(b)	Overtime (State Hours):Monday to Friday	\$
(c)	Sat/Sun/Statutory Holidays	\$
	Minimum Call out Hours	
<b>2.</b>	<b>State Worker Type:</b>	
(a)	Regular time (state hours):Monday to Friday	\$
(b)	Overtime (State Hours):Monday to Friday	\$
(c)	Sat/Sun/Statutory Holidays	\$
	Minimum Call out Hours	



1.1. HVAC Systems Tradesperson Labour Rates (cont'd)

	Tradesperson Labour Rates	Price per Hour (exclude tax)
<b>3.</b>	<b>State Worker Type:</b>	
(a)	Regular time (state hours): Monday to Friday	\$
(b)	Overtime (State Hours): Monday to Friday	\$
(c)	Sat/Sun/Statutory Holidays	\$
	Minimum Call out Hours	

1.2. Materials

Mark-up rate on materials, rental equipment and Sub-Contractor costs = \_\_\_\_\_ %.

Provide examples of commonly required material costs:


1.3. Vehicle Rates

Provide vehicle expense rates for any additional charges not included in the Tradesperson Labour rates:

	Truck / Vehicle Rate	Per Hour
1.		\$
2.		\$

1.4. Crew Size

State the number and type of workers used in a normal crew for service calls/work requests:


2. **SUB-CONTRACTORS**

The following sub-contractors may be utilized in provision of the services and will comply with all the terms and conditions described in this RFP.

	Name and Type of Service Provided	Contact Name and Phone Number
1.		
2.		
3.		
4.		

**3. RESPONSE TIME**

**MANDATORY – MUST BE COMPLETED**

In addition to regular service, emergency repairs may be required. Provide the maximum response time in these instances:

	Type of Service	Confirm Response in Hours
1.	Regular Service Response Time :	
2.	Emergency Service Response Time during regular and outside regular hours will be within 1 hour:	

**4. EQUIPMENT AND VEHICLES**

Equipment used at the work site must be clearly identified. Please list Contractor’s vehicles and equipment which is owned or leased and would be used in providing the services. Demonstration of the equipment offered may be required and must comply in all respects with the standards, requirements and governing regulations of the BC Motor Vehicle Act.

Equipment and Vehicles		
Equipment	Make / Model	Year

**5. PERSONNEL**

Provide list of personnel currently employed with the company that have obtained the required qualifications (BCTQ), Refrigeration Technician, Gas Fitter, etc. The City may request verification and copies of certificates for any personnel listed. Only qualified personnel will be permitted to service City facilities.

<b>Personnel</b>		
<b>Name</b>	<b>Qualifications</b>	<b>Work Experience</b>

**6. APPROACH AND METHODOLOGY**

Describe the general approach and methodology that the Contractor would take in performing the Services:

**7. COMPLIANCE**

Confirm compliance to all inspection requirements and deliverables detailed in **Section 3 – Scope of Services** and **Section 4 – Preventative Maintenance Inspections** or describe any and all variations:

**8. EXAMPLE REPORTS**

Include the following with your submission:

1. An example **Maintenance Inspection Report**
2. An Invoice that corresponds with the example Maintenance Inspection Report

**9. CONTACT PHONE NUMBERS**

Contractors shall provide one or more telephone numbers for contacting a company representative at any time, regular time, after daytime working hours and for emergency repair services:

		<b>Name and Phone Number</b>
<b>1.</b>	During Regular Hours:	
<b>2.</b>	Outside Regular Hours:	
<b>3.</b>	Emergency:	

**10. HEALTH AND SAFETY PROGRAM**

The quality of Contractor’s in-house program to manage safety shall be considered in the evaluation.

a) Does your firm have a written safety program in place that meets the requirements of WorkSafeBC?

Yes    No

If no is checked, please describe how safety training is accomplished:

b) Do you have a safety and health orientation for new employees?

Yes    No

**11. QUALITY ASSURANCE PROGRAM**

Does your firm have a quality assurance program?

Yes    No

If no is checked, please describe how quality assurance is accomplished:

**12. VALUE ADDED**

Please provide information on what makes your firm innovative, what is your competitive advantage, and what other services your firm provides that would assist or be of benefit to the City:

**13. SUSTAINABLE PRACTISES AND INITIATIVES**

Describe all initiatives, policies, programs or products that illustrate your firm's efforts towards sustainable practises and responsibility. Describe how these programs will provide benefit to the City and its' citizens.

**(Social/Ethical, Environmental, Economic/Financial)**

**14. EXPERIENCE AND REFERENCES**

Contractors shall be competent and capable of performing the services requested. Contracts indicated below should be related to operations similar in size, scope and complexity:

<b>Year Started</b>	
<b>Year Completed (or on-going)</b>	
<b>Description of Contract Services</b>	
<b>Company</b>	
<b>Contact Person</b>	
<b>Telephone and Email</b>	
<b>Approx. Annual Value of Services</b>	

<b>Year Started</b>	
<b>Year Completed (or on-going)</b>	
<b>Description of Contract Service</b>	
<b>Company</b>	
<b>Contact Person</b>	
<b>Telephone and Email</b>	
<b>Approx. Annual Value of Services</b>	

<b>Year Started</b>	
<b>Year Completed (or on-going)</b>	
<b>Description of Contract Services</b>	
<b>Company</b>	
<b>Contact Person</b>	
<b>Telephone and Email</b>	
<b>Approx. Annual Value of Services</b>	



**15. ACCEPTANCE**

The City requests that proposals remain open for acceptance for a period of not less than sixty (60) days from the closing date. We confirm that this proposal is open for acceptance by the City for a period of \_\_\_\_\_ days.

**16. ADDENDA**

We acknowledge receipt of the following Addenda related to this Request for Proposals and have incorporated the information received in preparing this Proposal:

<b>Addendum No.</b>	<b>Date Issued</b>

**17. AUTHORIZATION**

We hereby submit our Proposal for the services as specified and undertake to carry out the work in strict accordance with all referenced Terms & Conditions, Regulations and Codes, Specifications, and information provided in **the Appendices** applicable to this RFP.

<b>Company Name:</b>	
<b>Address:</b>	
<b>Phone:</b>	
<b>GST Registration No.:</b>	
<b>Project Contact:</b> Name and Title of Individual <i>for communication related to this RFP</i> (please print)	
<b>Contact Email:</b>	
<b>Name &amp; Title of Authorized Signatory:</b> (please print)	
<b>Signature:</b>	
<b>Date:</b>	

The signature is an authorized person of the organization and declares the statements made in their submission are true and accurate.

For the purpose of this RFP, electronic signatures will be accepted.