

City of Coquitlam

Request for Proposals
RFP No. 21-014

Supply and Delivery of
PVC Pipe and Fittings

Issue Date: January 20, 2021

TABLE OF CONTENTS

| | Page |
|--|-----------|
| SUMMARY OF KEY INFORMATION..... | 3 |
| DEFINITIONS | 4 |
| 1 INSTRUCTIONS TO PROPONENTS..... | 5 |
| 1.1 Purpose..... | 5 |
| 1.2 Instructions to Proponents..... | 5 |
| 1.3 Specifications and Alternatives..... | 5 |
| 1.4 Term of Contract..... | 6 |
| 1.5 Eligibility..... | 6 |
| 1.6 Award to Multiple Proponents..... | 6 |
| 1.7 Evaluation Criteria | 6 |
| 1.8 Prices | 7 |
| 1.9 Examination of Proposal Documents | 7 |
| 1.10 Quantities Stated..... | 8 |
| 1.11 Extension of Offer..... | 8 |
| 2 GENERAL CONDITIONS OF CONTRACT..... | 9 |
| 2.1 Terms and Conditions of Contract | 9 |
| 2.2 Non-exclusivity..... | 9 |
| 3 SCOPE OF SERVICES | 10 |
| 3.1 General Requirements..... | 10 |
| 3.2 Quality and Workmanship | 10 |
| 3.3 Value Added Service..... | 10 |
| 3.4 Delivered to Job Sites or Stores | 10 |
| 3.5 Offloading and Additional Charges | 10 |
| 3.6 Regular Hours of Operation | 11 |
| 3.7 Disaster Response Support..... | 11 |
| 3.8 Warranties..... | 11 |
| 3.9 COVID 19..... | 11 |

PROPOSAL SUBMISSION FORM

APPENDIX A – LIST OF APPROVED MATERIALS AND PRODUCTS

APPENDIX B – PRODUCT INFORMATION AND PRICE WORKSHEET

SUMMARY OF KEY INFORMATION

| | |
|---|---|
| RFP Reference | RFP No. 21-014 Supply and Delivery of PVC Pipe and Fittings |
| Overview of the Opportunity | The purpose of this RFP is to invite Proposals from qualified, experienced companies for the Supply and Delivery of PVC Pipe and Fittings and other associated items as specified within this RFP document. |
| Closing Date and Time | 2:00 pm local time Wednesday February 10, 2021 |
| Instructions for Proposal Submission | Proposals are to be consolidated into one PDF file and uploaded electronically through Qfile, the City's file transfer service accessed at qfile.coquitlam.ca/bid <ol style="list-style-type: none"> In the "Subject Field" enter: RFP Number and Name Add files in .pdf format and Send (Ensure your web browser remains open until you receive 2 emails from Qfile to confirm receipt.) Phone 604-927-3037 should assistance be required. The City reserves the right to accept proposals received after the Closing Date and Time. |
| Obtaining RFP Documents | RFP Documents are available for download from the City of Coquitlam's website: www.coquitlam.ca/140/Bid-Opportunities Printing of RFP documents is the sole responsibility of the Proponents. |
| Instructions to Proponents | The guidelines for participation that will apply to this RFP are posted on the City's website: Instructions to Proponents |
| Questions | Questions are to be submitted in writing quoting the RFP number and name up to 3 business days before the closing date sent to email: bid@coquitlam.ca |
| 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: www.coquitlam.ca/140/Bid-Opportunities |
| Withdrawal of Submission | Proposals may be withdrawn by written notice only, made by an authorized representative of the Proponent sent to email: bid@coquitlam.ca prior to the Closing Date and Time. |
| Terms and Conditions of Contract | Standard Terms and Conditions - Purchase of Goods and Services are posted on the City's website and will apply to the contract awarded as a result of this RFP. |

DEFINITIONS

“City” “Owner” means City of Coquitlam.

“Contract” means the City Purchase Order or City Purchase Contract that will be issued to formalize the Contract with the successful Proponent through negotiation process with the City based on the Proposal submitted and will incorporate by reference the Request for Proposals, the Terms and Conditions of Contract included in this RFP, any additional subsequent information, any addenda issued, the Proponent’s response and acceptance by the City.

“Goods” means the products and materials as specified in this RFP.

“Price” means the amount that will be paid by the City to the Supplier for delivery and acceptance of goods and Services.

“Proponent” means responder to this Request for Proposals.

“Proposal” means the submission by the Proponent.

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

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

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

“Site” means the place or places where the material is to dropped off.

“Stores” means the location (500 Mariner Way, Coquitlam, BC V3K 7B6) within the City where inventory is stored and managed for future use, a source from which supplies may be drawn;

“Vendor” “Supplier” means the successful Proponent awarded the Contract for supply of goods and provision of Services described in this RFP. The Vendor agrees to carry out all duties, obligations, work and Services outlined in this RFP, and include all associated documentation, addenda, and mutually agreed revisions subsequent to submission of a Proposal. “Vendor” “Supplier” and “Proponent” are complementary in terms of duties, obligations and responsibilities requested at the RFP stage through to provision of goods and Services.

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

1 INSTRUCTIONS TO PROPONENTS

1.1 Purpose

The purpose of this RFP is to invite Proposals from qualified, experienced Proponents for the supply and delivery of PVC Pipe and Fittings and other associated items as stated within this RFP on an as and when requested basis for:

- City Stores inventory
- Various job sites within the boundaries of the City of Coquitlam

The City is seeking to identify and select qualified company(ies) that have the knowledge, resources, experience, reputation and capacity to provide the Goods.

1.2 Instructions to Proponents

Proponents are advised that the rules for participation that will apply to this RFP are posted on the City's website at: [Instructions to Proponents](#).

By submission of a proposal in response to this RFP, the Proponent agrees and accepts the rules by which the bid process will be conducted.

Proponents should complete and submit the information requested in this RFP document on the [Proposal Submission Form](#) and [Appendix B – Product Information and Worksheet](#).

1.3 Specifications and Alternatives

Wherever the Specifications state a brand name, make, name of manufacturer, trade name, or Supplier catalogue number, it is for the purpose of establishing a grade or standard. It is not intended to rule out competition from equal brands or makes. If material other than that specified is offered, it is the Proponent's responsibility to provide information in its Proposal that enables the City to confirm equivalency and acceptance.

Except where stated otherwise, [Appendix A – List of Approved Materials and Products](#) and [Appendix B – Product Information and Price Worksheet](#) is considered necessary to meet the performance requirements of the City and Proponents should consider this in its Proposal. If the Proponent cannot meet Specifications, the Proponent may identify and offer an alternative which it believes to be an equal or better alternative.

Proponents shall clearly indicate any variances from the City's Specifications or conditions and attach descriptive literature.

The City's List of Approved Materials and Products is provided in [Appendix A – List of Approved Materials and Products](#) as reference. Any product proposed that is not listed in [Appendix A – List of Approved Materials and Products](#) must have product specifications included in the Proponent's Proposal submission. The City will review proposed alternative material for suitability, however, the City is not obligated to accept any alternatives. The City will determine what constitutes acceptable deviations and overall best value.

Proponents are to provide environmentally efficient material and services wherever possible. If there are known alternatives or substitutions for such materials that would mitigate the effects of any adverse conditions on the environment, the Proponent agrees to advise the City of such alternatives or substitutions.

1.4 Term of Contract

The term of the Contract will be for one (1) year effective March 1, 2021 to February 28, 2022. The Contract may be extended for additional terms, subject to mutual agreement of price and service.

1.5 Eligibility

For eligibility, and as a condition of award, the successful Proponent would be required to meet or provide the equivalent:

- a) Commercial General Liability (CGL) insurance \$5M coverage provided on the City's [Certificate of Insurance - Contractor Form](#)
- b) Be registered and provide WorkSafeBC clearance
- c) Accept the City's standard Terms and Conditions posted on the City's website: [Standard Terms and Conditions - Purchase of Goods and Services](#)
- d) A City of Coquitlam or Tri Cities Intermunicipal [Business License](#)

These items are not required as part of this Proposal Submission but will be required prior to entering into an agreement with the City for Services.

1.6 Award to Multiple Proponents

The City reserves the right to split the award to multiple proponents or award all of the work to one Proponent.

1.7 Evaluation Criteria

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

Corporate Experience, Reputation, Capacity and Resources – 35 points

- Business and technical reputation and capabilities; experience, capacity and resources
- Experience, and demonstrated successful performance on providing similar products and services to other municipal organizations
- Manufacturer
- References (on-time delivery, performance, etc.)
- Customer Service
- Ability to supply majority of Goods requested

Technical – 25 points

- Delivery Lead Times
- After Hours access to inventory
- Compliance with the specifications
- Quality Assurance
- Disaster Response Support

Financial and Value Added – 40 points

- Unit Rate Price
- Minimum order quantities and fees
- Offloading and additional charges

- Restocking fees
- Sustainable benefits and social responsibility
- Value Added Services

These criteria will be used to determine best overall value to the City. Proposals will be compared to select one or more that are most advantageous.

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

- References may be contacted
- Interviews may be conducted

The City reserves the right to check references even if they are not specifically listed. Information obtained from references will be confidential and will not be disclosed to any Proponents.

The City may, at its discretion, request clarification or additional information from a Proponent with respect to any Proposal and the City may make such requests to only selected Proponents. The City may consider such clarifications or additional information in evaluating a proposal.

Proponents agree the City may disclose names of Proponents and total award amount, however, unevaluated results, unit prices, rates or scores will not be provided to any Proponents.

Incomplete Proposals or Proposals submitted on forms other than the Proposal Form may be rejected.

The City reserves the right to reject without further consideration any Proposal which in its opinion does not meet the criteria it considers essential for the work outlined in this RFP.

1.8 Prices

Prices shall be all-inclusive and stated in (Canadian Funds). Prices shall remain FIRM for the term of the Contract.

Taxes are to be shown separately at time of invoicing.

The lowest price of any Proposal will not necessarily be accepted but will be analyzed to determine best overall value.

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.

1.9 Examination of Proposal Documents

The Proponent must carefully examine the Proposal Documents. 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.

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.

All information in this RFP Document and any resulting Addenda will be incorporated into any Contract between the City and the successful Proponent, and therefore must be considered by the Proponent in preparing their Proposal.

1.10 Quantities Stated

Quantities provided are based on actual usage and are provided as an estimated guideline of the City's requirements. The City does not guarantee any volume or quantities.

1.11 Extension of Offer

The Contractor agrees to allow other local public agencies with similar needs within British Columbia to participate in this contract.

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

This is intended to be a means of promoting cooperative purchasing efforts with the public sector, and to provide additional value to the Contractor.

2 GENERAL CONDITIONS OF CONTRACT

2.1 Terms and Conditions of Contract

Award will be confirmed by issue of a City Purchase Order or Contract incorporating the information contained in this RFP.

The City's [Standard Terms and Conditions - Purchase of Goods and Services](#) will apply to this Contract as a result of this RFP and are published on the City's website. The City's [Standard Terms and Conditions - Purchase of Goods and Services](#), the accepted Proposal, addenda and any subsequent clarifications, correspondence, the totality of which will constitute the Contract.

2.2 Non-exclusivity

The acceptance of any Proposal, and upon award, does not entitle any Supplier to exclusive rights for the supply of goods.

3 SCOPE OF SERVICES

3.1 General Requirements

Supply and delivery of PVC Pipe and Fittings to Stores or to job sites as ordered from time to time by the City of Coquitlam within its corporate boundaries. [Appendix B – Product Information and Price Worksheet](#).

3.2 Quality and Workmanship

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

- a) Master Municipal Construction Documents (MMCD)
- b) American Water Works Association Standard (AWWA)
- c) Canadian Standards Association
- d) American Society for Testing & Materials

3.3 Value Added Service

The Proponent is to provide a description of value added, innovative ideas and unique services that they can offer. Unless otherwise stated, it is understood that there are no extra costs for these services. Value added services the City is looking for are:

- Highly organized, effective attention to detail, high degree of accuracy and excellent follow-through
- Prompt response times
- Solution orientated with expert advise
- Other value the Proponent can provide to the City

3.4 Delivered to Job Sites or Stores

The Supplier shall supply and deliver PVC Pipe and Fittings to various job sites within the boundaries of the City of Coquitlam or to Stores, as directed by the City.

The Supplier shall be able to deliver the Goods in a timely manner. Generally, orders placed one day are expected next business day. Quicker delivery may be required at times and will be discussed with the Supplier prior to ordering. If the Supplier cannot supply the Goods on time, the City will have the option to go to another supplier for the Goods required.

Orders requiring delivery to a Job Site delivery are generally given with 3-5 days' advance notice for delivery on specific days, to specified locations. The offloading/staging of material along a worksite is at times without City crew to receive and paperwork is to be left with goods.

3.5 Offloading and Additional Charges

The Proponent will clearly state any offloading or additional charges that are NOT included in the pricing provided in [Appendix B – Product Information and Price Worksheet](#), if any.

3.6 Regular Hours of Operation

The Goods shall be delivered Monday through Friday, excluding Statutory Holidays, as follows:

F.O.B. Stores7:30 a.m. to 4:00 p.m.

F.O.B. Job Sites.....7:30 a.m. to 4:00 p.m.

3.7 Disaster Response Support

PVC Pipe and Fittings are considered a critical item in the City's emergency preparedness plan for disaster recovery. Depending on the nature of a major emergency and the subsequent infrastructure damage, a large demand may exist for such Goods.

The demand of the same products may also exist from other customers in these circumstances. Proponents should consider that the City's needs may be a priority in limiting economic impacts to the community and ensuring public safety and health by restoring infrastructure as soon as possible.

3.8 Warranties

The Proponent shall provide a full statement of the warranty period and terms, including extended warranty options, for items listed in [Appendix B – Product Information and Price Worksheet](#), as a minimum. This warranty should clearly describe the terms under which the manufacturer or sub-suppliers of the manufacturer accept responsibility for the cost to repair defects caused by faulty design, quality of work or material and for the applicable period of time after delivery.

3.9 COVID 19

Suppliers are to make themselves aware and ensure they are compliant with the following: [Contractor COVID-19 Info Sheet](#)

APPENDIX A

LIST OF APPROVED MATERIALS AND PRODUCTS

List of Approved Materials and Products

Alternates to the items in this list require the approval of the Mgr. Capital Projects & Inspections

| | | <i>Product</i> | <i>Manufacturer</i> | <i>Approved Model</i> | <i>Restrictions/Additional Specifications</i> |
|-----------------|-------------------------|-------------------------------|--|--|--|
| 26 56 01 | Roadway Lighting | | | | |
| | | Cobra Head Style Luminaires | • LED Roadway Lighting (LRL) | • NXT Series | <ul style="list-style-type: none"> • LED • 3000K - Local Roads (bus routes are 4000k) • 4000k - Collector and Arterial Roads • 7 pin PEC connector • Shorting cap • Field Adjustable Driver required for Cobra Head style fixtures • Wattages per design • 2 Tenon adaptors required for post top poles using Cobra Head Luminaires – <ul style="list-style-type: none"> a) LRL Part# (FP-FTP-NXT-GY-06-LF) b) Valmont WCE Part# (WCE TEN-3.5-FIT-PC) |
| | | | • American Electrical Lighting (AEL) | • Autobahn | |
| | | Decorative Roadway Luminaires | • Phillips Lumec | <ul style="list-style-type: none"> • TR20 • Capella • Domus • CAND 1 / CAND 2 | |
| | | | • Architectural Area Lighting (AAL) | • Flex | |
| | | Pathway / MUP Lighting | • Lumca | • CP0401-SLF | <ul style="list-style-type: none"> • LED • 4000K • 7 pin PEC connector • Shorting cap • Wattages per design plans |
| | | | • Cree | • ARE-EDG | |
| | | | • Lithonia | • Aeris AS1-LED series | |
| | | | • Phillips Lumec | <ul style="list-style-type: none"> • TR20 • Capella • Domus • CAND 1 / CAND 2 | |
| | | Photocell / Shorting Caps | • DTL (Dark to Light) | <ul style="list-style-type: none"> • DE 120 for 102V • DE 124 for 120/240V • DE 347 for 347V • DE 480 for 480V | <ul style="list-style-type: none"> • Electronic c/w relay contacts |
| | | | • Intermatic | • P/N LED45652 | |
| | | Poly/Conc Junction Boxes | <ul style="list-style-type: none"> • CIF Composites Inc • Duralite | Sizes: <ul style="list-style-type: none"> • 17 x 30 • 24 x 36 | <ul style="list-style-type: none"> • 2 Sections max • Plastic Junction Boxes Will Not Be Accepted |

March 2019

| | | <i>Product</i> | <i>Manufacturer</i> | <i>Approved Model</i> | <i>Restrictions/Additional Specifications</i> |
|--|--|---|--|---|---|
| | | | | | <ul style="list-style-type: none"> • Round Junction Boxes will not be Accepted |
| | | Concrete Junction Boxes | <ul style="list-style-type: none"> • AE Concrete | <ul style="list-style-type: none"> • TYPE 66 = T266 • TYPE 37 = B937 • TYPE C = 5686 | |
| | | Poles / Arms | <ul style="list-style-type: none"> • Valmont West Coast Engineering • Nova Pole • Lumec | | <ul style="list-style-type: none"> • Galvanized and Powder Coated. • As per Design Drawings or Local Neighborhood Design Guidelines |
| | | Concrete Bases | <ul style="list-style-type: none"> • AE Concrete • Langley Concrete | | <ul style="list-style-type: none"> • Per MMCD / Refer to Supplementary Drawing SS-E7.3 |
| | | Service Bases | <ul style="list-style-type: none"> • Valmont West Coast Engineering • Nova Pole | | <ul style="list-style-type: none"> • PER MMCD / Refer to Supplementary Drawing SS-E7.3 • Galvanized and Powder Coated • Robust Tab For Padlock |
| | | Service / Electrical Panels | <ul style="list-style-type: none"> • West Coast Electric • Valid | <ul style="list-style-type: none"> • Aluminum or Stainless Steel | <ul style="list-style-type: none"> • Refer to Supplementary Drawing SS-E7.3 and SS-E7.4 • Surge Protection Device required for primary service. I_{max} 50, 20kA, 120/240V, 50/60Hz. Must be installed within panel. |
| | | Conductor Tags | <ul style="list-style-type: none"> • Panduit | <ul style="list-style-type: none"> • MP250-C TAGS | <ul style="list-style-type: none"> • On All Cables (Black Indelible Marker Pen) |
| | | Conduit | <ul style="list-style-type: none"> • Various | <ul style="list-style-type: none"> • CSA C22.2 No. 211.2 | <ul style="list-style-type: none"> • RPVC |
| | | Hydro Dip Service (RPVC Straps / Lag Bolts / Conduit Guard) | <ul style="list-style-type: none"> • Various | <ul style="list-style-type: none"> • MMCD | |
| | | Fuse Holders (<u>Pole Hand Holes</u>) | <ul style="list-style-type: none"> • Tron | <ul style="list-style-type: none"> • Tron HEB-AA c/w 2 L-Type Insulating Boots | |
| | | Fuse Holders (<u>Junction Boxes</u>) | <ul style="list-style-type: none"> • Ideal • Buchanan | <ul style="list-style-type: none"> • 65 KIT Water Proof | |
| | | Fuses | <ul style="list-style-type: none"> • Bussman | <ul style="list-style-type: none"> • 10-A Buss KTK | |
| | | Receptacles | <ul style="list-style-type: none"> • Leviton | <ul style="list-style-type: none"> • Leviton Smartlock Pro Slim (WR) GFCI | <ul style="list-style-type: none"> • Or City Approved Corrosion Resistant Alternate |
| | | Cable Lubricant | <ul style="list-style-type: none"> • Ideal | <ul style="list-style-type: none"> • Poly Water Dyna-Blue | |

| | | <i>Product</i> | <i>Manufacturer</i> | <i>Approved Model</i> | <i>Restrictions/Additional Specifications</i> |
|--------------------------|-------------------------------------|---------------------------------|--|--|--|
| | | | | <ul style="list-style-type: none"> • Poly Water Aqua-Gel II | |
| | | Paint Color RAL Codes | | | <ul style="list-style-type: none"> • Coquitlam Green-RAL 6028 • Coquitlam Black-RAL 9005 • Town Centre Brown-RAL 8014 • Mallardville Grey-RAL 7024 |
| Irrigation System | | | | | |
| 2.1 | Irrigation Pipe – PVC | | | <ul style="list-style-type: none"> • CSA Series 160 >50mm • CSA Series 200 <50mm | Comply with CSA B137.3 |
| | Irrigation Pipe - HDPE | | | <ul style="list-style-type: none"> • SDR 17 >50mm • SDR 11 <50mm | Comply with ASTM D-1248 as a Type III, Class C, Category 5, Grade P34 material and with ASTM D-3350 as a 345434C cell material. |
| 2.2 | Backflow Prevention Device | | <ul style="list-style-type: none"> • Watts | <ul style="list-style-type: none"> • Model 007-QT | |
| 2.3 | Water Meter | | <ul style="list-style-type: none"> • Sensus • Neptune | <ul style="list-style-type: none"> • Touch Read • Pro Read | See City Website for Water Meter Specifications |
| 2.4 | Water Meter Box | | <ul style="list-style-type: none"> • Carson Series • AE Concrete | <ul style="list-style-type: none"> • 1419 • Model 5686 | See City Website for Water Meter Specifications |
| 2.5 | Electronic Control Valves | | <ul style="list-style-type: none"> • Toro | | 24 VAC Solenoid Actuated Globe Pattern |
| 2.6 | Master Valve | | <ul style="list-style-type: none"> • Toro | <ul style="list-style-type: none"> • 220 Series | |
| 2.7 | Pressure Regulating Modules | | <ul style="list-style-type: none"> • Rain Bird | <ul style="list-style-type: none"> • PRS-Dial | |
| 2.8 | Automatic Controllers | | <ul style="list-style-type: none"> • Toro | <ul style="list-style-type: none"> • Sentinel Satellite Controller | |
| 2.9 | Control Wire | Wire | <ul style="list-style-type: none"> • Paige Wire | <ul style="list-style-type: none"> • P7079D | Common Wire to be 12-gauge Master Valve Wire to be 14-gauge |
| | | Flow / pulse transmitter wiring | <ul style="list-style-type: none"> • Belden | <ul style="list-style-type: none"> • PE39 | 8mm Aluminum Polyester Shield Black HDPE Jacket |
| | | Wire splice | <ul style="list-style-type: none"> • 3M | <ul style="list-style-type: none"> • DBY connector | |
| 32 91 215 | • Topsoil and Finish Grading | | | | |
| 2.5 | Growing Medium | | <ul style="list-style-type: none"> • Fraser Richmond Bio-Cycle • BC Eco Soil | | |

| | | <i>Product</i> | <i>Manufacturer</i> | <i>Approved Model</i> | <i>Restrictions/Additional Specifications</i> |
|------------------|--------------------------|-----------------------|---|---|---|
| | | | Recycling Corp • YardWorks • Denbow | | |
| 2.7 | Bark Mulch | | Answer Garden Products | • Nutri-Mulch | |
| 2.9 | Misc. Products | Root Barrier | Deep Root | • LB12-2 | |
| | | Adhesive | OSI Sealants | PL 200 | |
| | | Drain Mat | Nilex Geotextile | Nudrain WD/15 | |
| | | Filter Fabric | Nilex Geotextile | Nilex 4545 | |
| 2.9 | Structural Soil | Soil | Answer Garden Products | Humus Builder | |
| | | Structural Geotextile | Nilex Geotextile | Nilex 4553 | |
| 32 92 19S | Hydraulic Seeding | | | | |
| 2.2 | Seed Mix | Perennial Rye | | • Elka II • Gator 3 • Top Hat • Charismatic • All Star • Derby Supreme | |
| | | Fescues | | • Cindy • Longfellow II • Cindy Lou • Quatro • Shademaster II | |
| | | Kentucky Bluegrass | | • Shamrock • Boardway • Midnight • Julius • Allure | |
| 3.5.3 | Fertilizer | | | • Evergrow 28-3-8 | |
| 32 92 20 | Seeding | | | | |
| 2.1.2 | Seed Mix | Perennial Rye | | • Elka II • Gator 3 • Top Hat • Charismatic • All Star • Derby Supreme | |
| | | Fescues | | • Cindy • Longfellow II • Cindy Lou • Quatro • Shademaster II | |
| | | Kentucky Bluegrass | | • Shamrock • Boardway • Midnight • Julius | |

March 2019

| | | <i>Product</i> | <i>Manufacturer</i> | <i>Approved Model</i> | <i>Restrictions/Additional Specifications</i> |
|------------------|---|--------------------------------------|---|------------------------------|---|
| | | | | • Allure | |
| 32 93 01S | <i>Planting of Trees, Shrubs and Ground Covers</i> | | | | |
| 2.3 | | Fertilizer | • Agrico | • Evergro Tabs | |
| 2.4 | | Mulch | • Yard Works • Eco-Soil • Fraser Richmond • Bio-cycle | | Composted |
| 2.8 | | Guying Wire | • Tree Guy Systems | • Arrow Anchor | |
| 2.11 | | Anti-desiccant | • GSI Horticultural | • Moisturin | |
| 2.12 | | Flagging Tape | | • Indenti-Tape | |
| 2.13 | | Tree Trunk Protection | • Deep Roots Products | • Arborgard | |
| 2.16 | | Tree Ties | • Deep Roots Products | • Arbor Tie | |
| 33 11 01 | <i>Waterworks</i> | | | | |
| 2.2.1 | <i>Water Main Ductile Iron</i> | Ductile Iron | • McWane Group • US Pipe • Canada Pipe | | CL 50 for all mains less than 400mm dia. and Pressure Class 350 for all mains 400mm dia or larger |
| 2.2.2 | <i>Water Main PVC</i> | PVC (C900) PVCO (C909) | • Ipex • Royal Pipe Systems • Ipex | • Blue Brute • Bionax | To AWWA C900 / C 905/ C 909 – 100 mm to 300 mm diameter DR18 min. Compliance with MMCD updated Section 33 11 01 2.2.2.2S for thickened bell and spigot pipe All PVC/PVCO mains shall be pigmented blue. Nitro gasket shall be used when hydro carbon is encountered in surrounding soil. PVC/PVCO to be used only where shown on approved construction drawings. |
| 2.2.3 | <i>Water Main HDPE</i> | HDPE | • KWH Pipe • Performance Pipe | • Sclairpipe • DriscoPlex | HDPE to be used only where shown on approved construction drawings. |
| 2.2.4.2/3 | <i>Water Main Fitting Ductile Iron</i> | Ductile Iron Compact Ductile Iron | • Terminal City Iron Works • Norwood Foundry • Sigma Products • Star Pipe Products | | AWWA C 153 & C110, cement mortar lined. Cast iron fittings are not acceptable |

| | | <i>Product</i> | <i>Manufacturer</i> | <i>Approved Model</i> | <i>Restrictions/Additional Specifications</i> |
|---------------|--|----------------------------|---|--|---|
| 2.2.10 | <i>Tie Rod, Bolts/Nuts</i> | | | | Type 304 Grade A stainless steel for all hardware |
| 2.2.12 | <i>Couplings and Flange Coupling Adapters</i> | Plain End Coupler | <ul style="list-style-type: none"> • Robar • Smith-Blair • Romac • Mueller • Ford • EBBA Iron | <ul style="list-style-type: none"> • Robar 1508 • Smith-Blair441 • Romac 501 • Mueller MRC • Ford FC1 • EBBA 3800 | <p>Type 304 Grade A stainless steel for all hardware</p> <p>All couplings and flange adapters are to have a fusion epoxy coating.</p> |
| | | Flanged Adapter | <ul style="list-style-type: none"> • Robar • Smith-Blair • Romac • Mueller • EBAA • Clow • Star Pipe Products • Sigma | <ul style="list-style-type: none"> • Robar 7504/7506 • Smith-Blair912 • Romac FCG • Mueller • EBAA Iron 1000 • Clow Series 40, DI • Clow Series 90, PVC • Star Series 400 • Sigmaflange | <p>Type 304 Grade A stainless steel required for all hardware.</p> <p>All couplings and flange adapters are to have a fusion epoxy coating.</p> |
| | | Restrained Flange Adaptors | <ul style="list-style-type: none"> • Romac • Uniflange • EBAA • Star Pipe Products | <ul style="list-style-type: none"> • Romac RFCA • Uniflange RFAP • EBAA 2100 • Super Flange Series 7200 | <p>Type 304 Grade A stainless steel required for all hardware.</p> <p>All restrained flange adapters are to have a fusion epoxy coating.</p> |
| | | Repair Clamps | <ul style="list-style-type: none"> • Canpac • Mueller • Robar • Clow • Romac • Cambridge Brass | <ul style="list-style-type: none"> • Canpac CR-2 • Mueller 510 • Robar 5626 • Clow 200 • Romac SS2 • Teck Series 425, 825, 1625 | <p>Repair clamps shall be stainless steel.</p> <p>Type 304 Grade A stainless steel required for all hardware.</p> |

| | | <i>Product</i> | <i>Manufacturer</i> | <i>Approved Model</i> | <i>Restrictions/Additional Specifications</i> |
|---------------|---|---|---|--|---|
| 2.2.13 | <i>Joint Restraint Ductile Iron Mains</i> | | <ul style="list-style-type: none"> • UniFlange Series 1400 • EBAA Iron • Clow | <ul style="list-style-type: none"> • UniFlange Series 1400 • EBAA Iron 3800 • Clow Tufgrip TDG | All joint restraints shall have a pressure rating equal to the mainline pipe. All joint restraints are to have a fusion epoxy coating. Type 304 Grade A stainless steel required for all hardware. |
| | <i>Joint Restraint PVC / PVCO Mains</i> | | <ul style="list-style-type: none"> • UniFlange • EBAA Iron | <ul style="list-style-type: none"> • UniFlange Series 1300 • EBAA 1500 • EBAA 1900 | No wedge action type for PVC or PVCO pipes. Restraint systems for PVC or PVCO pipe shall be approved by the pipe manufacturer to not reduce the pipe recommended working pressure. All joint restraints are to have a fusion epoxy coating. Type 304 Grade A stainless steel required for all hardware. |
| | <i>Restrained Joint Pipe Systems (PVC)</i> | | <ul style="list-style-type: none"> • Ipex • Royal | <ul style="list-style-type: none"> • Ipex Terrabrute • Royal Bulldog • Royal Cobra Lock | Restrained pipe joint systems to be approved prior to use. |
| | <i>Restrained Joint Pipe Systems (DI)</i> | | <ul style="list-style-type: none"> • US Pipe • McWane | <ul style="list-style-type: none"> • Field Lok Gasket • SureStop Gasket | Restrained pipe joint systems to be approved prior to use. |
| 2.3 | <i>Valves and Valve Boxes</i> | 50mm – 300mm Resilient-seated Mainline Gate Valve | <ul style="list-style-type: none"> • Mueller • Clow Canada • AVK • American Flow Control • Terminal City | <ul style="list-style-type: none"> • Mueller A2362 • Clow 2639 • AVK • AFC Series 2500 • IBBM | All valves shall have epoxy coated ductile iron body to AWWA C 509. |
| | | 375mm or greater Mainline Butterfly Valve | <ul style="list-style-type: none"> • Pratt • Mueller | <ul style="list-style-type: none"> • Pratt Groundhog • Mueller Lionseal | AWWA C 504 Class 150B |
| 2.3.5 | <i>Air Valve</i> | | <ul style="list-style-type: none"> • Apco | <ul style="list-style-type: none"> • APCO 140C | |

March 2019

| | | <i>Product</i> | <i>Manufacturer</i> | <i>Approved Model</i> | <i>Restrictions/Additional Specifications</i> |
|----------------|---------------------------------------|---|---|--|---|
| | | | <ul style="list-style-type: none"> • Val-Matic • Pratt • Crispin | <ul style="list-style-type: none"> • Val-Matic 201C • Pratt UL • Crispin UL | |
| 2.3.6 | Water Valve Box | Nelson Box, 450mm length 150mm riser pipe with circular box | <ul style="list-style-type: none"> • Terminal City • Dobney • Westview • Trojan | | Cover shall be marked with "Water". |
| 2.3.7 | Curb Stop Box | | <ul style="list-style-type: none"> • Terminal City • Dobney • Westview • Trojan | | Per Supplementary Specification Dwg. COQ-W2b |
| 2.5 | Water Service Connection | Type K Copper – 19mm to 75mm | | | ASTM B88M |
| 2.5.3.2 | Saddles for Ductile Iron Mains | | <ul style="list-style-type: none"> • Robar • Smith Blair • Mueller • Romac • Cambridge Brass | <ul style="list-style-type: none"> • Robar 2506 • Smith Blair 317 • Mueller DR2S • Romac 202NS • Teck Series 840X | <p>Saddles required for service installation on all ductile iron mains.</p> <p>All saddles are to have a fusion epoxy coating.</p> <p>Type 304 Grade A stainless steel required for all hardware.</p> |
| 2.5.3.3 | Saddles for PVC / PVCO Mains | | <ul style="list-style-type: none"> • Canpac • Robar • Cambridge Brass • Mueller | <ul style="list-style-type: none"> • Canpac SC2 • Robar 2506 • Teck Series 840X • Mueller DR2S | <p>Saddles required for service installation on all PVC / PVCO mains.</p> <p>All saddles are to have a fusion epoxy coating.</p> <p>Type 304 Grade A stainless steel required for all hardware.</p> |
| 2.6 | Hydrant | | <ul style="list-style-type: none"> • Terminal City • Canada Valve • Clow Canada • Mueller | <ul style="list-style-type: none"> • TC C71P, TC-1, TC-20P • "Century" • M93 Brigadier • Centurion | <p>Must have Storz fitting on pumper port</p> <p>Refer to Supplementary Specifications for paint colors</p> |
| 2.7 | Corporation Stop | | <ul style="list-style-type: none"> • Cambridge • Ford • Mueller | <ul style="list-style-type: none"> • Cambridge 311 • Ford B1000 • Mueller | <p>Shall be full-port ball valve to 38 mm only.</p> <p>Shall be 300psi working pressure.</p> <p>Shall have large tee head.</p> |

| | | <i>Product</i> | <i>Manufacturer</i> | <i>Approved Model</i> | <i>Restrictions/Additional Specifications</i> |
|-----------------|--|--------------------------------|--|---|---|
| | | | <ul style="list-style-type: none"> • AY-MacDonald | B2500800N <ul style="list-style-type: none"> • MacDonald 74700 | Use mainline gate valve for sizes >38 mm |
| 2.7 | <i>Curb Stop</i> | | <ul style="list-style-type: none"> • Cambridge • Ford • Mueller • AY-MacDonald | <ul style="list-style-type: none"> • Cambridge 202 • Ford B44-343G • Mueller B25209 • MacDonald 76100 | Shall be full-port ball valve to 50 mm with 90° turn stop. Use mainline gate valve for larger sizes > 50mm |
| 33 30 01 | <i>Sanitary Sewers</i> | | | | |
| 2.1 | <i>Concrete</i> | | | | Not allowed |
| 2.2 | <i>PVC Pipe, Mainline Smooth Profile</i> | PVC SDR35 | <ul style="list-style-type: none"> • IPEX • Royal • JM Eagle | | Sizes > than 600 mm to be approved by the Engineer |
| 2.3 | <i>Sanitary Service Connection</i> | PVC SDR28 | <ul style="list-style-type: none"> • IPEX • Royal • JM Eagle | | Minimum size shall be 100mm |
| | <i>Inspection Chamber</i> | Inspection Chamber | <ul style="list-style-type: none"> • Le-Ron • Pro-Line Fittings • Galaxy Plastics | | IC's shall have locking lid with gasket |
| | <i>Tees and Wyes</i> | PVC SDR35 | <ul style="list-style-type: none"> • IPEX • Royal • Galaxy Plastics • GPK Products | | Manufactured wye fitting shall be used for all connections on new mains. |
| | <i>Sewer Couplers PVC – Other Other – Other</i> | | <ul style="list-style-type: none"> • Rollee • Fernco | <ul style="list-style-type: none"> • Rollee • Fernco | Couplers (Shear band type) shall have appropriate adaptor gaskets to suit OD of pipe material being coupled |
| | <i>Sewer Couplers PVC – PVC</i> | | <ul style="list-style-type: none"> • Royal/Le-Ron • Pro-Line Fittings • Galaxy Plastics | | To be gasketed push on type |
| 33 34 01 | <i>Sewage Force mains</i> | | | | |
| 2.2.4 | <i>Low-pressure Sewage Force mains</i> | HDPE with fusion welded joints | <ul style="list-style-type: none"> • KWH • Performance Pipe | <ul style="list-style-type: none"> • Sclairpipe • DriscoPlex | AWWA C906 |
| | <i>Service Connections</i> | Wyes and Tees | | | Manufactured fitting shall be used for all connections on new |

| | | <i>Product</i> | <i>Manufacturer</i> | <i>Approved Model</i> | <i>Restrictions/Additional Specifications</i> |
|-----------------|---|---|--|--|--|
| | | | | | mains. |
| 33 40 01 | Storm Sewers | | | | |
| 2.1 | Concrete Pipe | Non-reinforced and Reinforced Concrete | <ul style="list-style-type: none"> Langley Concrete Ocean Pipe | | |
| 2.2 | PVC Pipe, Mainline Smooth Wall | PVC SDR35 | <ul style="list-style-type: none"> IPEX Royal JM Eagle | | Sizes > than 600 mm to be approved by the Engineer. |
| 2.4 | HDPE Pipe, Mainline Open Profile | | <ul style="list-style-type: none"> Armtec Hancor | <ul style="list-style-type: none"> Armtec Boss 2000 Hancor Blue Seal | Allowed on a case by case basis as approved by the Engineer. |
| 2.6 | Service Connections | PVC SDR28 | <ul style="list-style-type: none"> IPEX Royal JM Eagle | | Minimum size shall be 150mm. |
| | Tees and Wyes | PVC SDR35 | <ul style="list-style-type: none"> IPEX Royal Galaxy Plastics GPK Products | | Manufactured wye fitting shall be used for all connections on new mains. |
| | | Insertable Tee | <ul style="list-style-type: none"> Inserta Tee | | Insertable tee only permitted for connections to existing PVC and Concrete mains which are 375mm mains or larger. |
| | Inspection Chamber | Inspection Chamber | <ul style="list-style-type: none"> Le-Ron Pro-Line Fittings Galaxy Plastics | | IC's shall have locking lid with gasket |
| 33 44 01 | Manholes and Catchbasins | | | | |
| 2.1 | Precast Manhole Sections | Manhole base and riser section | <ul style="list-style-type: none"> Langley Concrete Ocean Pipe Diamond Concrete | | |
| 2.1.7 | Manhole Frames and Covers | Ductile Iron for Arterial Roads | <ul style="list-style-type: none"> Westview Sales Dobney | <ul style="list-style-type: none"> TR 724 C Series | Manhole frame shall be secured to the concrete manhole lid with 3 12 mm diameter redi-rods and appropriate Hilti anchors and nuts No cast or ductile iron adjusting grade rings permitted |
| 2.1.7 | Manhole Frame and Cover | Cast Iron per MMCD for Non-arterial Roads | <ul style="list-style-type: none"> Dobney Foundry Westview Sales Ltd. | <ul style="list-style-type: none"> C Series TR18 | Refer to Supplementary Standard Drawing COQ-S16 for required lettering on Manhole Covers for sanitary and storm sewers, including in fish |

| | | <i>Product</i> | <i>Manufacturer</i> | <i>Approved Model</i> | <i>Restrictions/Additional Specifications</i> |
|-----------------|--|---------------------------------|---|--|--|
| | | | | | habitat areas. Shall be compatible and interchangeable with existing City of Coquitlam castings. |
| 2.1.7 | Low-profile Frame and Covers | | | | Use of 100mm low profile frames and cover to be approved by the Engineer |
| | 2.1.13 Catch Basin and Other Castings | CB Frame | <ul style="list-style-type: none"> Dobney Foundry Westview Sales Ltd. | <ul style="list-style-type: none"> B24 TR24 | Top Inlet Catch Basin – MMCD Standard Drawing S11 |
| | | CB Grate | <ul style="list-style-type: none"> Dobney Foundry Westview Sales Ltd. | <ul style="list-style-type: none"> B23 TR23R&L | Top Inlet Catch Basin – MMCD Standard Drawing S11 |
| | | CB Frame – Side Inlet Assembly | <ul style="list-style-type: none"> Dobney Foundry Westview Sales Ltd. | <ul style="list-style-type: none"> B39A TR39A | Refer to Supplementary Standard Drawings COQ-S11A – Side Inlet Catch Basin Assembly |
| | | CB Grate – Side Inlet Assembly | <ul style="list-style-type: none"> Dobney Foundry Westview Sales Ltd. | <ul style="list-style-type: none"> B39 TR39 | Refer to Supplementary Standard Drawings COQ-S11A – Side Inlet Catch Basin Assembly |
| | | Curb Inlet | <ul style="list-style-type: none"> Dobney Foundry Westview Sales Ltd. | <ul style="list-style-type: none"> B24FTH TR24C | |
| | | Lawn Basin Grate (600mm Barrel) | <ul style="list-style-type: none"> Dobney Foundry Westview Sales Ltd. | <ul style="list-style-type: none"> B22A TR22 | Lawn Drains – MMCD Standard Drawing S12 |
| | | Lawn Basin Grate (300mm Barrel) | <ul style="list-style-type: none"> Dobney Foundry Westview Sales Ltd. | <ul style="list-style-type: none"> D2A TR12 | Lawn Drains – MMCD Standard Drawing S12 |
| 03 30 20 | Concrete Walks, Curbs and Gutter | | | | |
| | | Cast-in-Place Tactile panel | <ul style="list-style-type: none"> Access Tile Amor-Tile | <ul style="list-style-type: none"> ACC-R-2x4 ADA-C-2448 | See Supplementary Drawing COQ-C9E |
| 34 41 13 | Traffic Signal | | | | |
| | | Polymer Concrete Junction Boxes | <ul style="list-style-type: none"> CIF Composites Inc Duralite | Sizes: <ul style="list-style-type: none"> 17 x 30 24 x 36 | 2 Sections max Plastic Junction Boxes Will Not Be Accepted Round Junction Boxes Will Not Be Accepted |
| | | Concrete Junction Boxes/Vaults | <ul style="list-style-type: none"> AE Concrete | <ul style="list-style-type: none"> SP635-1.3.3 (4040 Service Box) Type 66=T266 Type 37=B937 | Refer to Supplementary Drawing SS-E2.5 |

| | | <i>Product</i> | <i>Manufacturer</i> | <i>Approved Model</i> | <i>Restrictions/Additional Specifications</i> |
|--|--|-------------------------------------|---|--|--|
| | | | | • Type C =5686 | |
| | | Poles / Arms | <ul style="list-style-type: none"> • Valmont West Coast Engineering • Nova Pole | | Galvanized and Power Coated (See Roadway Lighting Section for Paint Codes) |
| | | Concrete Bases | <ul style="list-style-type: none"> • AE Concrete • Langley Concrete | | For Concrete service bases refer to Supplemental Drawing SS-E7.3 |
| | | Service Bases | <ul style="list-style-type: none"> • Valmont West Coast Engineering • Nova Pole | | Refer to Supplemental Drawings SS-E7.3 and SS-E7.4 Robust Tab for Padlock |
| | | Service / Electrical Panels | <ul style="list-style-type: none"> • West Coast Electric • Valid | Aluminum or Stainless Steel. | Refer to Supplemental Drawing SS-E7.3 Surge Protection Device required for primary service. I _{max} 50, 20kA, 120/240V, 50/60Hz. Must be installed within panel. |
| | | Vehicle Signal Heads | • Econolite | • Polycarbonate Yellow Body Colour | C/W Cowl Visors or as indicated on Contract Dwgs. |
| | | Backboards | • Econolite | • Aluminum, Yellow Powder Coat | All Primary Vehicle Signal Heads Front Face with 3M Diamond Grade as indicated on Contract Drawings Optional for Secondary Signal, as indicated on contract drawings. |
| | | Pedestrian & Countdown Signal Heads | <ul style="list-style-type: none"> • Econolite • Eagle | | MoT Specifications (Aluminum) <ul style="list-style-type: none"> • 300mm Square c/w Aluminum Peak Visors • Color of Heads, Visors and Brackets to Match Pole |
| | | Vehicle LED Signals | • Dialight | Dialight P/N: <ul style="list-style-type: none"> • Red P/N: 433-1210-003XL15 • Yellow P/N: 433-3230-901XL15 • Green P/N: 433-2220-001XL15 | 300mm Round Color Tinted Lens. Clear lens required for bi-modal signal modules P/N: 4306370-001 |
| | | Pedestrian LED Signals | <ul style="list-style-type: none"> • Dialight Top Section – Walk /Don't Walk Bottom Section – | Dialight P/N: <ul style="list-style-type: none"> • P/N: 430-6772-001X • P/N: 430- | ITE Specifications 300mm Square |

March 2019

| | | Product | Manufacturer | Approved Model | Restrictions/Additional Specifications |
|--|--|---|---|--|--|
| | | | Countdown | 7773-001X | |
| | | Photocells / Shorting Caps | | | See Roadway Lighting Section |
| | | Cobra Head Style Luminaires (LED) | • LED Roadway Lighting (LRL) | • NXT Series | <ul style="list-style-type: none"> • LED • 4000k • 7 pin PEC connector • Shorting cap • Wattages per design plans |
| | | | • American Electrical Lighting (AEL) | • Autobahn Series | |
| | | Advanced Accessible Pedestrian Station (AAPS) | • Polara | • Navigator EZ Comm | • IN2 System |
| | | Audible Pedestrian Signals (APS) | • Novax | • DS102A-3W APS P/N: PLS001188 | Enclosure to match pole colour |
| | | Pedestrian or Cyclist Push Button | • Polara | • Bulldog BDLM2-Y | 2 wire system |
| | | PED Push Button Plate | • Greenlite Traffic | • GEL239 (R or L) | Black Symbol on White Background |
| | | Cyclist Push Button Plate | • Greenlite Traffic | • GEL240 (R or L) | Black Symbol on White Background |
| | | Cyclist / Ped Combo Sign Unit | • Greenlite Traffic | | Black Symbol on White Background |
| | | Signal Cable | • Texcan | • IMSA 7C, 12C, 19C & 25C No. 14 Stranded Copper | |
| | | Signal Detector Loop Homerun Cable | • Texcan | • IMSA Spec. 50-2 2C No. 14 Stranded Copper | |
| | | Individual Conductor | • Texcan | • RW90 Stranded Copper | Size and Color as per Plans |
| | | Cable Lubricant | • IDEAL | <ul style="list-style-type: none"> • Poly Water Dyna-Blue • Poly Water Aqua-Gel II | |
| | | Conduit | • Various | • CSA C22.2 NO. 211.2 | RPVC |
| | | Conductor Tags | • Panduit | • MP250-C Tags | On all Cables (Black indelible marker pen) |
| | | Fuse Holders (<u>Pole Hand Holes</u>) | • Tron | • Tron Heb-AA c/w 2 L-type Insulating Boots | |
| | | Fuse Holders (<u>Junction Boxes</u>) | <ul style="list-style-type: none"> • Ideal • Buchanan | • 65 KIT Water Proof | |

March 2019

| | | Product | Manufacturer | Approved Model | Restrictions/Additional Specifications |
|--|--|--|---|--|--|
| | | | | | |
| | | Fuses | • Bussman | • 10-A Buss KTK 600V | Amperage and Rating as per Plans |
| | | Hydro Dip Service (RPVC Straps, Lag Bolts & Conduit Guard) | • Various | • MMCD | |
| | | Overhead Adjustable Bracket | • Olson Aluminum Castings | • Sky-Bracket | C/W Stainless Steel Hardware |
| | | Side Mount Brackets | • Greenlite Traffic | • GEL 189G | C/W Stainless Steel Hardware |
| | | Illuminated Street Name Signs | • Greentop Lighting • Temple Edge Lit • Valid | • Clear Lexan Panels • 3M 4090T – sheeting (translucent) • 3M ElectroCut 1175 blue film • 9" letter height (suffix 4") • Clearview font - 3W • Upper and lower case lettering | Mounting hardware: CANBRAC for vertical installation or PELCO for hangar assembly SE-5015-42-PNC |
| | | Illuminated Pedestrian Signs | • Greentop Lighting • Valid | • MMCD | • Optional 300mm yellow LED signals and enclosures, as indicated on contract drawings. • Provided with Signal mounting hardware. • |
| | | Traffic Controller | • Econolite | • Cobalt | Supplied by City at Projects Expense |
| | | Traffic Cabinet | • Econolite | • P44DD • MSX | Supplied by City at Projects Expense |
| | | Uninterruptable Power Supply (UPS) | • Alpha Technologies | • FXM-1100 | Supplied by City at Projects Expense |
| | | UPS Cabinet c/w Indicator Light | • Valid | • KSD481716PG - CQ | Supplied and Installed by City at Projects Expense |
| | | Fire Hall Controller | • Novax | • PLS000874 / PLS000877 | Supplied by City at Projects Expense |
| | | Special Crosswalk Controller | • Novax | • PLS 000635 / PLS 000859 | Supplied by City at Projects Expense |

| | | Product | Manufacturer | Approved Model | Restrictions/Additional Specifications |
|--|--|--------------------------------|---------------------|---|--|
| | | Traffic Video Detection System | • Econolite | <ul style="list-style-type: none"> Autoscope Power Cable | Supplied by City at Projects Expense: <ul style="list-style-type: none"> Autoscope Vision Econolite P/N CBL 1175-011 |
| | | | • Miovision | <ul style="list-style-type: none"> Traffic Link Detection | Supplied by City at Projects Expense: <ul style="list-style-type: none"> SmartView 360 Camera Smart Sense Smart Link TrafficLink Antenna Mount P/N: 33120519 Cat5e cable w/drain |
| | | PTZ Cameras | • Pelco | Spectra Enhanced IP | P/N S6230EG1 |
| | | | | • HPOE | PE-POE75U1UP |
| | | | | • CAT5e Ethernet cable | Two runs of CAT5e cables required: One for the Ethernet connection, and the 2 nd for optional inputs (cabinet door switch) |
| | | | | • Mounting Hardware | Confirm with City regarding mount type: <ul style="list-style-type: none"> Paramount PP350 OR: <ul style="list-style-type: none"> 2 piece mount – PA402 and IWM Series. Sky-Bracket (if required) |
| | | | | • Surge Protection | DITEK Corp. (Product code DTK-PVPIP) |
| | | | | • Product Registration | Registration Update code for Camera Addition – DS Control Point |
| | | EV Pre-emption System | • Emtrac | <ul style="list-style-type: none"> Priority Detector Card – ST 9283 Antenna Antenna Cable (LMR240DB) Mounting Bracket BNC Connectors | Supplied by City at Projects Expense |
| | | Radio Communication Equipment | • Encom | <ul style="list-style-type: none"> Commpak BB 5.8 Cable – CAT5e | Supplied by City at Projects Expense |
| | | Paint Color RAL Codes | | | <ul style="list-style-type: none"> Coquitlam Green-RAL 6028 Coquitlam Black-RAL 9005 Town Centre Brown-RAL 8014 |

APPENDIX B

PRODUCT INFORMATION AND PRICE WORKSHEET

(Pricing is to be entered into **Appendix B – Product Information and Price Worksheet** and returned to the City in **EXCEL file format** along with the [Proposal Submission Form](#).)



City of Coquitlam
REQUEST FOR PROPOSALS
RFP No. 21-014

Supply and Delivery of
PVC PIPE & FITTINGS

Proposals will be received on or before 2:00 pm local time on
Wednesday February 10, 2021
(Closing Date and Time)

INSTRUCTIONS FOR PROPOSAL SUBMISSION

Proposal submissions are to be consolidated into one PDF file and uploaded through QFile, the City's file transfer service accessed at website: 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 responsible to allow ample time to complete the Proposal Submission process. If assistance is required phone 604-927-3037.

PROPOSAL SUBMISSION FORM

Complete and return this Proposal Submission Form along with:
Appendix B – Product Information and Price Worksheet (in Excel format)

Submitted by: _____
(company name)

Proponents are to provide as much information as possible when replying to each point throughout the Proposal.

Proponents MUST identify any specific requirements with which they are unwilling or unable to comply.

1. PRICE

All products provided are to be in accordance with all governing regulatory authorities within the City of Coquitlam. The following Prices proposed are to be firm for the initial term and be F.O.B. destination to City Stores or various job sites within the City.

In some cases, deliveries may need to be staged along a worksite. The Proponent will clearly state any offloading or additional charges for these sites, if any.

1.1 Pricing

Pricing is to be entered into **Appendix B – Product Information and Price Worksheet** and returned to the City in **EXCEL file format** along with this Proposal Submission Form.

Proponents are to provide a Price for all items in **Appendix B – Product Information and Price Worksheet** even if quantity is zero (0).

1.2 Offloading and Additional Charges

The Proponent will clearly state any offloading or additional charges, if any.

| |
|--|
| |
|--|

2. MINIMUM ORDER QUANTITIES

State any minimum order quantities the City should be aware of. Minimum order quantities could include a minimum order value, minimum weight of order, or minimum pieces per order.

| |
|--|
| |
|--|

3. PRODUCT RETURNS

Specify any products return policies and indicate if a restocking fee would apply.

| Return Policy | Restocking Fee (yes/no) If yes, provide fee or percentage. |
|---------------|---|
| PVC Pipe: | |
| PVC Fittings: | |

4. WARRANTY

Indicate the warranty for PVC Pipe and Fittings:

| Warranty Policy | Information/Duration |
|-----------------|----------------------|
| PVC Pipe: | |
| PVC Fittings: | |

5. VALUE ADDED, SUSTAINABLE BENEFITS AND SOCIAL RESPONSIBILITY

- a) Provide information on any value added offerings and services your firm provides that would assist or be of benefit to the City:

- b) Describe all initiatives, policies, programs and product choices that illustrate your firm's efforts towards sustainable practices and environment responsibility in providing the services that would benefit the City:

- c) What policies does your organization have for hiring apprentices, indigenous peoples, recent immigrants, veterans, young people, women, and people with disabilities:

- d) What policies does your organization have for the procurement of goods and services from local small and medium sized business or social enterprises:

6. REQUESTED DEPARTURES – CONTRACT

The Proponent has reviewed the City's Contract and the [Standard Terms and Conditions - Purchase of Goods and Services](#). I/We would be prepared to enter into that Contract, amended by the following departures (list, if any):

7. NON-COMPLIANCE

Fully describe any deviations to the City's specifications and requirements outlined in this RFP that your company is unable to comply with.

8. CONFLICT OF INTEREST DECLARATION

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

9. BUSINESS INFORMATION

Proponent is to state how many years they have been in business, size of their organization, and information on local branches and warehousing and storage facilities that would be used to supply the Goods:

10. EXPERIENCE, CAPABILITIES AND CAPACITY

- a) Proponent is to provide a narrative as to their experience and capabilities in delivering goods and Services similar to those requested in this RFP:

- b) Proponent is to provide details as to their capacity to take on this project with respect to manpower, transportation, other contracts, and anything else that may affect their ability in delivering the goods and Services within the timeline expectations of the City:

11. MANUFACTURERS AND TRANSPORTATION

The following manufacturers will be used to provide the materials and transportation company to deliver the materials specified within this RFP:

| Item | Manufacturer | Transportation Company |
|----------|--------------|------------------------|
| PVC Pipe | | |
| Fittings | | |

12. CUSTOMER SERVICE

Please provide a response to the following questions:

| Question | Response |
|--|----------|
| Responsiveness of your company to incoming customers questions and issues: | |
| Ratio of answered calls to unanswered calls: | |
| Complaints/issues have you received in a given period: | |
| Resolution process for complaints/issues: | |
| Response time to inquires: | |

13. REFERENCES

Provide current references that the City may contact to verify successful performance of the Services.

| | |
|------------------------------|--|
| Annual Contract Value | |
| Company | |
| Reference Contact | |
| Telephone and Email | |
| Annual Contract Value | |
| Company | |
| Reference Contact | |
| Telephone and Email | |
| Annual Contract Value | |
| Company | |
| Reference Contact | |
| Telephone and Email | |

14. DISASTER RESPONSE SUPPORT

Proponent is to provide a narrative as to how it would support and prioritize the City's needs in the event of a Disaster:

15. DELIVERY LEAD TIMES

a) State the lead times from the time of order to the time of delivery.

| Item | Lead Time in Days |
|---------------|-------------------|
| PVC Pipe: | |
| PVC Fittings: | |

b) After-hours access to:

| Item | Yes/No | After Hours Contact |
|---------------|--------|---------------------|
| PVC Pipe: | | Phone: |
| PVC Fittings: | | Phone: |

16. QUALITY ASSURANCE

a) Inspection of incoming goods – Provide a brief narrative how the Proponent examines products that they have received to determine conformance to the purchase specifications:

b) Accuracy of outgoing orders - Provide a brief narrative how the Proponent ensures the accuracy of orders placed from time of order placement through to delivery to the City:

17. CONFLICT OF INTEREST DECLARATION

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

18. ADDENDA

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

| Addendum No. | Date Issued |
|--------------|-------------|
| | |
| | |

19. AUTHORIZATION

We hereby submit our Proposal for the supply and services as specified and undertake to carry out the work in accordance with all Regulations and Codes, applicable to this RFP.

We agree to the rules of participation outlined in the [Instructions to Proponents](#) and should our proposal be selected, will accept the City's contract: [Standard Terms and Conditions - Purchase of Goods and Services](#)

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 submission, electronic signatures will be accepted.

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