

## **GENERAL**

### **1.1 Specifications**

.1 Specification 01 10 00, Summary of Work, Reconstruction Phase

.1 Add item 1.6.2.4

**“Alternate Price”:** Replace all skylights with new raised leg pressure plate style skylights to include all related flashings and membranes to match existing configuration and tie in to new roofing system.

**Refer to specification section 08 63 00.16 provided**

.2 Specification 01 10 00, Summary of Work, Reconstruction Phase

.1 Delete item 1.6.2.1.1.6.1 and replace with the following

.1 **“Alternate Price”:** Self-Adhering TPO membrane and related accessories.”

.2 **Alternate Price”:** Heat-Welded TPO membrane and related accessories.”

.3 Specification 07 13 13, TPO Roofing, Reconstruction Phase

.1 Add item 2.1.2

.1 Heat-Welded Thermoplastic Polyolefin (TPO) roof membrane system with bonding adhesive.

1. Colour: Gray or White

2. Thickness: 60 mil

3. Approved Product:

1. Sure-Weld TPO roofing system as manufactured by Carlisle SynTec Incorporated

2. UltraPly TPO roofing system as manufactured by Firestone Building Product

2. UltraPly TPO roofing system as manufactured by Firestone Building Product

.4 Add to Specifications 08 63 00.16 Pressure-Plate Metal-Framed Skylights

1.2 Drawings

.1 Add detail drawing BE-5.06

1.3 Clarifications

- .1 Liquid applied (PMMA) is to be applied up and over structural support penetrations located on the low-slope roof area.
- .2 Roofer is to remove and replace existing skylights to facilitate the work.
- .3 Ground setup and disposal bin is to be loaded at the north-west end of the facility. Setup must have 4' clearance from any exit doors.

END OF ADDENDUM

## **PART 1 - GENERAL**

### **1.1 Summary**

- .1 Section Includes: Engineered pressure-plate and structurally glazed, aluminum-framed skylight system, pressure-equalized, raised leg, rainscreen design, inclusive of perimeter trims, accessories, shims and anchors.

### **1.2 References**

- .1 Applicable Building Code / Building By-Law, most recent edition.
- .2 *BC Energy Efficiency Act*
- .3 Insulating Glass Manufacturers Association of Canada - *Guidelines for Sloped Glazing*
- .4 Glazing Contractors Association of BC *Glazing Systems Specifications Manual*
- .5 CAN/CGSB-12.3-M - *Glass, Polished Plate or Float, Flat, Clear*
- .6 CAN/CGSB-12.20-M89 - *Structural Design of Glass for Buildings*
- .7 CSA-S157-05 - *Strength Design in Aluminium*
- .8 All items to CGSB, AAMA and ASTM including applicable test requirements specified therein
- .9 ANSI H35.1 *Alloy and Temper Designation Systems for Aluminum*
- .10 CSA A440-08 *North American Fenestration Standard/Specification for Windows, Doors, and Skylights*

### **1.3 System Description**

- .1 System to include self-supporting aluminium framing with raised leg profile complete with gaskets, baffles, overlaps, seals and end dams as required to effectively deter rainwater entry. Openings to be of sufficient cross-section to provide necessary drainage between cavities and the outside.
- .2 Structural Design
  - .1 Design to current edition of the British Columbia Building Code, Snow Load and Wind Loads for Cladding and Windows, with aluminium design according to "Specification for Aluminium Structures" as published by the Aluminium Association.
  - .2 Provide for thermal movements of components without the overstressing of materials, failure of joints and glazing seals or other detrimental effects.
- .3 Performance Requirements
  - .1 Wind loads: Skylight system, including anchorage, must be capable of withstanding inward and outward wind load design pressures to meet requirements of applicable Building Code / Building By-law.
  - .2 Air Infiltration: Air infiltration rate shall not exceed  $0.0003 \text{ m}^3/\text{s}\cdot\text{m}^2$  at a static air pressure differential of 300 Pa when tested in accordance with ASTM E283.

- .3 Water Resistance (static): No leakage at static air pressure differentials of 500 Pa, tested in accordance with ASTM E547.
- .4 Uniform Load: No deflection in excess of  $L/175$  of the span of any framing member when tested at static air design load of 1437 Pa applied in positive and negative direction in accordance with ASTM E 330. No glass breakage or permanent set in framing members in excess of 0.2 percent of their clear spans when tested at structural load equal to 1.5 times the specified design load.
- .5 Maximum U-value: Maximum overall U-value to be 3.10 when tested in accordance to the BC Energy Efficiency Act.

#### 1.4 Submittals

- .1 At project start, submit the following:
  - .1 Certified test reports confirming product meets specified performance requirements
  - .2 Manufacturer's structural calculations
  - .3 Manufacturer's installation instructions
- .2 Samples: Submit one representative sample of system. Show frame, glass and glazing, weatherproofing methods, and surface finish.
- .3 Submit Schedule S-B (British Columbia), in accordance with applicable Building Code for structural design and field review of skylight installation.
- .4 Submit Schedule S-C in accordance with applicable Building Code or at completion of skylight installation.
- .5 Shop Drawings
  - .1 Submit shop drawings and product data, signed and sealed by professional engineer registered to practice in Province of British Columbia. Include the following information on drawings:
    - .1 Design loads,
    - .2 Design standards,
    - .3 Materials, parts and their sizes,
    - .4 Welds, indicated by welding symbols as defined in CSA W59.
    - .5 Location and number of fasteners and anchoring,
    - .6 Description of exposed finishes and fasteners
    - .7 Component details, profiles, materials, finishes, connection and joining methods, and relationship to adjoining work,
    - .8 Glass and glazing components,
    - .9 Large/full scale details, including transitions to building envelope systems, and
    - .10 Other required information.

#### 1.5 Quality Assurance

- .1 Obtain product from manufacturer capable of providing structural calculations, test reports, printed installation instructions, review of application method, and periodic field service representation during construction.



- .2 Ensure that the engineer who sealed and signed the shop drawings also performs sufficient field reviews at appropriate intervals so as to be able to provide appropriate letters of assurance at completion of work confirming that the work has been installed in general conformance with the shop drawings.
- .3 **Pre-Installation Meeting:** Conduct pre-installation meeting to verify project requirements, substrate conditions, manufacturer's installation instructions, and manufacturer's warranty requirements.
- .4 **Pre-Installation Mock-Up Review:** Prior to full-scale installations, provide mock-up of key details, in conformance with Section 01 40 00 Quality Requirements, including but not limited to: ridge detail; rafter detail at change in plane, purlin-to-rafter transition, gable end transition and drainage of rafters to roof detail.

#### 1.6 Delivery, Storage and Handling

- .1 Protect materials from exposure to harmful weather conditions. Handle skylight materials and components carefully so as to avoid damage. Protect against damage from elements, construction activities, and other hazards before, during and after skylight installation.
- .2 **Ordering:** Comply with manufacturer's ordering instructions and lead-time requirements to avoid construction delays.

### **PART 2 - PRODUCTS**

#### 2.1 Aluminum-Framed Skylights

- .1 **Accepted Product:** Kawneer 2000 Series, Framing size to suit
- .2 **Accepted Product:** Concorde Glazing RP2500, Framing size to suit.
- .3 **Product Substitutions:**
  - .1 Products having equivalent characteristics will be considered provided deviations are minor and do not change concept or performance as described in Project Documents. Obtain acceptance in writing from Consultant prior to procuring product substitutes for the work of this section.

#### 2.2 Materials

- .1 **Aluminum Skylight and Components:**
  - .1 **Material Standard:** ASTM B 221; 6063-T6 alloy and temper.
  - .2 **Member wall thickness:** Framing members must provide structural strength sufficient to meet specified performance requirements.

#### 2.3 Finishes

- .1 **Factory-applied, oven-thermosetting acrylic enamel coating, conforming to requirements of AAMA Publication 2603-98, Voluntary Specification, *Performance Requirements and Test Procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels.***
  - .1 **Accepted Product:** Duracon Coating as manufactured by PPG Industries Inc.
  - .2 **Colour:** White

- .2 Pre-treatment: Pre-clean all aluminium surfaces to be coated and apply a chemical conversion coating. Pre-treat in accordance with coating manufacturer's instructions.
- .3 Application: Prime and apply a minimum of 2 coats in accordance with coating manufacturer's instructions. Dry film thickness of coating on exposed surfaces to be minimum 1.2 mils.

#### 2.4 Glazing

- .1 Insulating Glass Units: Double-glazed, double-sealed insulating glass units with argon-filled space. Minimal glass thickness and strength as required to meet applicable building code/building by-law requirements.
- .2 Glazing Units: Low-E coated on number 2 glass surface.
- .3 Maximum U-factor:  $2.56 \text{ W/m}^2 \text{ C}$  ( $0.45 \text{ Btu/hr} \cdot \text{ft}^2 \cdot \text{F}$ ).

#### 2.5 Accessories

- .1 Fasteners: Exposed fasteners to be Stainless Steel
- .2 Gaskets: Interior glazing gaskets to comply with ASTM C864, extruded of silicone-compatible EPDM rubber that provides for silicone adhesion. Exterior glazing gaskets to be Tremco Visionstrip® or pre-approved equal as recommended by manufacturer. Size to suit.
- .3 Perimeter Anchors: Aluminum or steel. Where different materials are used, provide isolation between steel material and aluminum material to prevent galvanic action.
- .4 Thermal Barrier: Extruded of silicone-compatible PVC (Poly Vinyl Chloride) rubber that provides for silicone adhesion.
- .5 Sealants: According to manufacturer

### **PART 3 - EXECUTION**

#### 3.1 Examination

- .1 Site Verification of Conditions: Verify that substrate conditions are acceptable for product installation in accordance with manufacturer's instructions. Verify openings are sized to receive skylight system and sill plate is level in accordance with manufacturer's acceptable tolerances.
  - .1 Field Measurements: Verify actual measurements/openings by field measurements before assembly/installation; show recorded measurements on shop drawings. Coordinate field measurements and fabrication schedule with construction progress to avoid construction delays.

#### 3.2 Skylight System Assembly

- .1 Assemble components per manufacturer's installation instructions and with minimum clearances and shim spacing around perimeter of assembly, yet enabling installation and dynamic movement of perimeter seal.
- .2 Rafter joints to be mitre cut at ridges. Purlins to be notched to sit on raised leg of rafters.
- .3 Fabrication of skylight sections to be performed in controlled factory environment for improved tolerances where practical. Field cutting of sections to be minimized.

- .4 Accurately fit, seal and secure joints and corners. Make joints flush, hairline and weatherproof.
- .5 Prepare components to receive anchor devices. Fabricate anchors.
- .6 Arrange fasteners and attachments to conceal from view.

### 3.3 Skylight Installation

- .1 Install skylight systems in accordance with approved shop drawings, plumb, level, and true to line, without warp or rack of frames and within manufacturer's prescribed tolerances. Provide support and anchor in place.
- .2 Dissimilar Materials: Prevent contact of dissimilar materials in order to avoid corrosion or electrolytic action.
- .3 Glass-to-metal contact is unacceptable.
- .4 Glazing: Outside glazed, held in place with extruded aluminum pressure plates anchored to rafters using stainless steel fasteners at rafters. Structural silicone joints are acceptable at horizontal joints only.
- .5 Water Drainage: Ensure water will be adequately diverted to rafters and exit to exterior of building through weeps in baffle and gutter. Typical horizontal covers and pressure plates will not require weep holes.

### 3.4 Field Quality Control

- .1 Manufacturer's Field Services: Provide periodic site visit by manufacturer's field service representative upon Consultant's or Owner's request.

### 3.5 Cleaning and Protection

- .1 Cleaning: Repair or replace damaged installed products. Clean installed products in accordance with manufacturer's instructions prior to Owner's acceptance. Remove construction debris from project site and dispose of debris legally.
- .2 Protection: Protect installed product's finish surfaces from damage during construction. Protect aluminum skylight system from damage from grinding and polishing compounds, plaster, lime, acid, cement, or other harmful contaminants.

END OF SECTION



# **LIQUOR DISTRIBUTION BRANCH**

Liquor Distribution Branch, 2625 Rupert Street, Vancouver, British Columbia, V5M 3T5

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**Tender Documents for**  
**VDC ROOF REPLACEMENT**  
**T2011-07-14**

- **Tender T2011-07-14**
- **Schedule A-1– Form of Tender**
- **Schedule A-2 – Intentionally Deleted**
- **Schedule A-3 – Bidder's Experience with Related Work**
- **Specifications (attached separately)**
- **Drawings (attached separately)**

**Date of Issue:        June 24, 2011**

**Closing Date:        July 14, 2 011**



Bids, to be entitled to consideration, shall be made in accordance with the following instructions:

## INSTRUCTIONS TO BIDDERS

### 1. Definitions

Throughout these instructions and in the Tender, the following definitions apply:

- a) "Branch" means the Liquor Distribution Branch;
- b) "Contract" means the written agreement or purchase order resulting from this Tender signed by the Branch and the Contractor;
- c) "Contractor" means the successful Bidder to this Tender who enters into a written Contract with the Branch;
- d) "Form of Tender" means the document on which the Bidders Tender must be submitted, as set out in Schedule A-1;
- e) "Must" means a requirement that must be met in order for a Tender to receive consideration;
- f) "Bidder" means an individual or a company that submits or intends to submit a Tender response to these instructions;
- g) "Should" means a requirement having a significant degree of importance to the objectives of this Tender;
- h) "Tender" means the response to these instructions submitted by a Bidder in the Form attached as Schedule A-1;
- i) "VDC" means the Vancouver Distribution Centre.

### 2. Tender Invitation

Sealed Tenders for:

<p style="text-align: center;"><b>VDC Roof Replacement: 3200 East Broadway, Vancouver, BC V5M 1Z6 T2011-07-14</b></p>
-------------------------------------------------------------------------------------------------------------------------------

Will be received at the office of:

Sandra Smith  
Manager, Non-Liquor Purchasing  
Liquor Distribution Branch (the "Branch")  
2625 Rupert Street  
Vancouver, B.C. V5M 3T5

Up to and not later than:

**July 14, 2011 at 2:00 pm.** local time (the "Closing Date")

Tenders will be publicly opened at that time. Tenders received after this Closing Date will be returned unopened. Tenders will be subsequently evaluated and the leading Bidder determined in accordance with the evaluation process set out below. Non compliant Tenders will be disqualified.

3. Site Inspection

**A one time mandatory site inspection will be held at the Project Site on June 30, 2011 at 1:00 pm.**

The Project Manager will be on hand to answer questions at that time. Failure to attend the site inspection will result in your company being disqualified from the tendering process.

4. Tender Documents and Inquiries

Any queries regarding this Tender Document are to be directed only to the Consultant, Josh Jensen, JRS Engineering Ltd. consultant to the Branch, e-mail: josh@jrsengineering.com or Wayne Brooks, Project Manager, Liquor Distribution Branch, e-mail: Wayne.Brooks@bcldb.com.

Bidders should examine the Tender Documents immediately upon receipt and must be satisfied that it fully understands them and the nature and scope of the Work. Bidders must notify the Project Manager, no later than five (5) working days before Tender closing of any errors, omissions or ambiguities the Tender Documents may contain to allow the Project Manager, at his discretion, to issue addenda to all Bidders prior to closing date. Addenda will be issued no later than 48 hours prior to the closing of the Tender.

5. Tender Submission

Tenders must be submitted on the Form of Tender provided, as set out in Schedule A-1, with all blank spaces properly filled in. The Bidder's Workers' Compensation Board Registration Number **must be** provided.

The Tenders must be submitted sealed in the Blue Tender Envelope provided at the site inspection and clearly marked Tenders for:

1) VDC ROOF REPLACEMENT – T2011-07-14

If the Blue Tender Envelope is unsuitable, please ensure that it is affixed to your submission package.

**State in the Tender the time of completion of the work for the project.** The entire project should be completed within 60 calendar days from the date the permit is issued and the work site is made available to the Contractor.

Time shall be of the essence. Please see the Evaluation Criteria as to how time of completion will be evaluated.

A Tender must be signed by the Bidder in the appropriate and authorized fashion. The Bidder must check the tender for accuracy. The Bidder's initials at the point of change must endorse any changes by the Bidder. **Failure to sign or initial changes in the Tender will disqualify the Bidder.**

6. Privilege

The Branch reserves the right to modify this Tender Document at any time in its sole discretion. The Branch may terminate the Tender process without awarding a contract at any time on notice to all Bidders. The Branch may, but is not bound to provide to Bidders reasons for rejecting any or all Tenders or for terminating the Tender process. The lowest Tender or any Tender may not necessarily be accepted.

7. Subcontracting

Paragraph intentionally deleted.

8. Changes to submitted Tenders

Bidders will be permitted to withdraw their Tender unopened prior to the Closing Date provided they have made a written request to the Manager, Non-Liquor Purchasing.

Paragraph intentionally deleted.

9. Bidder's Expenses

Bidders are solely responsible for their own expenses in preparing a Tender and for subsequent negotiations with the Branch, if any. If the Branch elects to reject all Tenders, the Branch will not be liable to any Bidder for any claims, whether for costs or damages incurred by the Bidder in preparing the Tender, loss of anticipated profit in connection with any final Contract, or any other matter whatsoever.

10. Limitation of Damages

Further to the proceeding paragraph, Bidders by submitting a Tender agree that they will not claim damages for whatever reason, relating to the Contract or in respect to the competitive process, in excess of an amount equivalent to the reasonable costs incurred by the Bidder in preparing its Tender and the Bidder, by submitting a Tender, waives any claim for loss of profits if not Contract is made with the Bidder.

## 11. Tender Security

Where a Tender price exceeds One Hundred Thousand (\$100,000.00) Dollars, ten (10%) percent of the Tender sum in the form of a Bid Security **must be** included with Tender submission.

Five (5) working days after acceptance of the Tender, the successful Bidder must provide a fifty (50%) percent Performance Security. The following Securities are acceptable as deposits to guarantee Security or Performance:

- a) Certified cheque;
- b) An irrevocable Letter of Credit with a termination date beyond the required term of the Security issued by a Chartered Bank, Credit Union or Trust Company;
- c) Bid Bond and Performance Bond issued by a Bonding Company registered to do business in British Columbia under the Insurance Act.

All costs of Securities shall be in the Tender price.

## 12. Evaluation

All Tenders will be evaluated based on the following criteria and associated weighting:

Criteria	Weighting
Price	70
Start/Completion Date	30

The lowest price provided by a Bidder will be given 70 points and all other bidder's points for price will be prorated.

The shortest time for completion after the start date (60 days or less) will be given 30 points and all other Bidder's points for start/completion will be prorated.

The Branch expects the Bidders to make a realistic assessment of the construction completion time frame. **The Contractor must supply the Branch with a construction schedule within 48 hours of being notified of the awarding of the contract.**

After applying the evaluation criteria, should the Branch identify the leading bid which proposes a shorter time frame but be at a higher price than the lowest bid for completion in 60 days, the Branch reserves the right to negotiate with the leading Bidder a provision which pre identifies the loss the Branch will suffer should the contractor not complete the work in its proposed time frame, other than in circumstances when the delay in completion is caused by an event of force majeure or by reason of events that are the responsibility of the Branch.



After evaluation of the Tenders, the leading Bidder will be asked to complete Schedule A-3, in the form attached to this Tender which provides information on the Bidder's three most recent experiences with related work. The Bidder, by submitting a tender, consents to the Branch contacting its references. References may be asked to comment on the Bidder's performance on past projects with respect to contract administration, response to scope changes/change orders, site supervision, quality of work, attitude, co-operation and working relationship with client and compliance with schedule.

References of the leading Bidder will be checked prior to the award of any Contract. Bidder's who have done recent work for the Branch will also be assessed based on their performance on the Branch project.

Unsatisfactory references of the leading Bidder or unsatisfactory performance on recent Branch projects will result in rejection of the tender proposal and the Branch may commence negotiations with the next qualified bidder.

13. Tender Contract and Commencement

By submission of a Tender, the Bidder agrees that should its tender be successful the Bidder will enter into a Contract in the form of the Stipulated Price Contract CCDC 2 2008 version with attached Supplemental Agreement to Stipulated Price Contract CCDC 2 2008 and will provide services in accordance with the supplemental conditions.

**The Contractor will commence on site work at the later of: 7 days after they receive the Branch letter of intent or on the date the permit for the work is issued and the Branch makes the work site available to the contractor (Commencement Date).**

14. Acceptance of the Tender

The Tender should not be construed as an agreement to purchase goods or services. The Branch is not bound to enter into a Contract with the Bidder who submits the lowest priced Tender or with any Bidder. Tenders will be assessed in light of the evaluation criteria. The Branch will be under no obligation to receive further information, whether written or oral, from any Bidder.

15. Other Requirements

In addition to the CCDC 2 2008, Supplemental Agreement to Stipulated Price Contract CCDC 2 2008 contract terms, and the Supplementary Conditions, the contractor:

- a. Must be registered with and in good standing with the Workers'

Compensation Board;

- b. Must be fully knowledgeable and compliant with the regulations and requirements of the Workplace Hazards Material Information System ("WHMIS") with regard to materials used in the Work. The Contractor must provide, to the Project Manager, Material Data Safety Sheets for all applicable supplies. All materials shall be used in strict accordance with the manufacturer's printed instruction, where not inconsistent with the WHMIS/WCB standards.
  - c. Should adhere to hours of work, being from - 7:30 a.m. to 6:00 PM, or as otherwise agreed to with the Branch, Monday to Saturday. The Contractor will work with the Project Manager regarding after hour access if and when required with respect to security requirements. Hours of work will be discussed at the site inspection.
  - d. Should maintain storage areas in a neat, orderly manner and contain same within the building area as designated by the Branch Project Manager.
  - e. Should remove daily all waste and rubbish caused by the work from the work area to the satisfaction of the Branch Project Manager. Upon completion, clean up and leave building and site in a clean condition with all discarded materials and equipment removed.
  - f. Must comply with the following:
    - all Occupational Health and Safety rules and regulations;
    - all hygiene standards and regulations;
    - appropriate regulations and policies including, but not limited to, those of the Liquor Distribution Branch, the WorkSafe BC, and all other agencies that have jurisdiction.
16. Enclosed are brochures titled "Bidder/Vendor Guide to the Freedom of Information and Protection of Privacy Act" and "Know the Standards" for your review.

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Sandra Smith  
Manager, Non-Liquor Purchasing  
Liquor Distribution Branch

SCHEDULE A-1

LIQUOR DISTRIBUTION BRANCH

FORM OF TENDER

PROJECT:

**VDC Roof Replacement  
3200 East Broadway  
Vancouver, BC V5M 1Z6**

TENDER NUMBER:T2011-07-14

SUBMITTED BY:

\_\_\_\_\_  
Print Name clearly

\_\_\_\_\_  
Manager, Non- Liquor Purchasing  
Liquor Distribution Branch  
2625 Rupert Street  
Vancouver, BC V5M 3T5

Having carefully examined the site and full knowledge of the proposed work, of the work required and of the materials to be furnished and used, I/we hereby agree to perform and complete all the work and supply all necessary labour, permits, tools and materials, except such materials as specified to be furnished by the Property Owner, as set forth in and in strict accordance with the specifications, drawings, conditions of Contract and Instructions to Bidders, to the entire satisfaction of the Project Manager and the Branch in a period of \_\_\_\_\_ calendar days from Commencement Date<sup>1</sup>. Prices as follows:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ Dollars (\$ \_\_\_\_\_)  
in lawful money of Canada.

I/We confirm the above stated price excludes all Applicable Taxes.

Alternate price for: Supply and Installation of Self-Adhering TPO system on low-slope roof areas \_\_\_\_\_ Dollars (\$ \_\_\_\_\_)  
in lawful money of Canada.

\_\_\_\_\_  
<sup>1</sup> The Contractor will commence on site work at the later of: 7 days after they receive the Branch letter of intent or on the date the permit for the work is issued and the Branch makes the work site available to the contractor.

Any additional work requested by the Branch not covered by the Specifications shall be provided at the following hourly rates:

Hourly rate for journeyman – Rough Carpentry	\$_____ /person hour
Hourly rate for journeyman – Sheet Metal	\$_____ /person hour
Hourly rate for journeyman – Electrical	\$_____ /person hour
Hourly rate for journeyman – Plumbing	\$_____ /person hour
Hourly rate for journeyman – Roofing	\$_____ /person hour
Hourly rate for journeyman – Interior Drywall / Painting	\$_____ /person hour
Hourly rate for apprentice – Rough Carpentry	\$_____ /person hour
Hourly rate for apprentice – Sheet Metal	\$_____ /person hour
Hourly rate for apprentice – Electrical	\$_____ /person hour
Hourly rate for apprentice – Plumbing	\$_____ /person hour
Hourly rate for apprentice – Roofing	\$_____ /person hour
Hourly rate for apprentice – Interior Drywall / Painting	\$_____ /person hour
Hourly rate for non-skilled labour – Helper	\$_____ /person hour
Hourly rate for site supervision	\$_____ /person hour



Mark-up on changes for the additional Work shall not exceed the percentages stated herein:

1. Contractor's mark-up on own work:

<u>Net Cost</u>	<u>Overhead</u>	<u>Fee</u>
Up to \$2,000.00 total	10%	5%
Over \$2,000.00	5%	5%

CONDITIONS:

It is understood that:

- a) The Terms and Conditions of the Tender Invitation apply.
- b) Failure to comply with and complete all items on this Form of Tender shall be cause for rejection without consideration of the Tender.
- c) The lowest or any Tender will not necessarily be accepted.
- d) This Tender is irrevocable and is open for acceptance until thirty (30) days have expired from the Tender closing date.

DECLARATIONS:

- a) I/We agree to provide the Bid Security and Performance Security and to start work no later than the start date.
- b) I/We on our own behalf represent and warrant that the work will be of a proper quality, free from any defect in material and workmanship and will be in full conformity with all requirements of the Contract.
- c) Accompanying this Bid is a Bid Security in the amount of \_\_\_\_\_ Dollars (\$ \_\_\_\_\_) which is to be forfeited to the Owner as liquidated damages and not as a penalty, if in the event that this Bid is accepted and I/we fail to appear within the time specified, execute the Agreement, or fail to furnish satisfactory Performance Security as specified in the General Conditions and within the time specified, otherwise the said Bid Security is to be returned.
- d) If in the event that this Bid is accepted, and I/we fail or refuse to execute the Agreement as herein provided, the Owner may, at his option, determine that I/we

have abandoned the Contract and thereupon this Bid and the acceptance thereof shall be null and void, and the Owner shall be entitled to liquidated damages as above provided.

- e) I/We hereby agree to provide the Project Manager if and when requested, with a general analysis and itemized cost breakdown of the Contract Price.
- f) I/We acknowledge compliance with all applicable legislation and collective agreements with workers engaged in carrying out the work.

Name of Firm: \_\_\_\_\_

Business Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Fax: \_\_\_\_\_

\_\_\_\_\_  
Print name of Signing Authority

\_\_\_\_\_  
Signature of Signing Authority

Workers' Compensation Board Registration Number: \_\_\_\_\_

Acknowledgement of receipt of the following addenda to the contract documents is hereby made:

Addenda No. 1 dated _____	Pages 1 to _____
Addenda No. 2 dated _____	Pages 1 to _____
Addenda No. 3 dated _____	Pages 1 to _____
Addenda No. 4 dated _____	Pages 1 to _____
Addenda No. 5 dated _____	Pages 1 to _____
Addenda No. 6 dated _____	Pages 1 to _____

SCHEDULE A-2

Schedule intentionally deleted.

SCHEDULE A-3

**(3) BIDDER'S RECENT EXPERIENCE WITH RELATED WORK**

The bidder should list its three most recent comparable projects which it has undertaken by providing the following information for each project.

**Description of Project:**

**Location of Project:**

**Contract Value: \$**

**Start and Completion dates:**

**Completed on Schedule?** Yes/No (circle correct response)

**Name of Contract Owner:**

**Name of Project Reference:**

**Current telephone number and e-mail of Project Reference:**

**Names of Key Personnel and Subcontractor:**

The Bidder, by submitting a tender, consents to the Branch contacting its references. References may be asked to comment on the Bidder's performance on past projects with respect to contract administration, response to scope changes/change orders, site supervision, quality of work, attitude, co-operation and working relationship with client and compliance with schedule.

Bidder's who have done recent work for the Branch will also be assessed based on their performance on the Branch project.

Unsatisfactory references of the leading Bidder or unsatisfactory performance on recent Branch projects will result in rejection of the tender proposal and the Branch may commence negotiations with the next qualified bidder.