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**Bid Receiving Public Works and Government
Services Canada/Réception des soumissions Travaux
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800 Burrard Street, Room 219
800, rue Burrard, pièce 219
Vancouver
British Columbia
V6Z 0B9
Bid Fax: (604) 775-9381

**SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION**

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

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

Comments - Commentaires

**Vendor/Firm Name and Address
Raison sociale et adresse du
fournisseur/de l'entrepreneur**

Issuing Office - Bureau de distribution
Public Works and Government Services Canada -
Pacific Region
800 Burrard Street, Room 219
800, rue Burrard, pièce 219
Vancouver
British C
V6Z 0B9

Title - Sujet Roof Restoration	
Solicitation No. - N° de l'invitation EZ899-170597/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client	Date 2016-07-22
GETS Reference No. - N° de référence de SEAG PW-\$PWY-026-7822	
File No. - N° de dossier PWY-6-39065 (026)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-08-03	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Yi (PWY), Patty	Buyer Id - Id de l'acheteur pwy026
Telephone No. - N° de téléphone (778) 919-2578 ()	FAX No. - N° de FAX (604) 775-6633
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: CBSA - Osoyoos Border Crossing - Osoyoos, BC	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

Solicitation No. - N° de l'invitation
EZ899-170597/A

Amd. No. - N° de la modif.
001

Buyer ID - Id de l'acheteur
pwy026

Client Ref. No. - N° de réf. du client

File No. - N° du dossier CCC No./N°

CCC - FMS No./N° VME

Ce document est disponible en français

Amendment 001 has been raised to incorporate Addendum 1 and extend the closing date of this solicitation.

Addendum 1 attached.

Extension of Time for Tenderers

Osoyoos Roof Restoration
Osoyoos Border Crossing,
Osoyoos, BC
Solicitation No: EZ899-170597/A

Notice is hereby given that the time for reception of tenders previously due at 2:00 p.m. PDST on July 27, 2016 is hereby extended to **2:00 p.m. PDST on August 3, 2016.**

All other terms and conditions remain unchanged.

Solicitation No. - N° de l'invitation
EZ899-170597/A

Amd. No. - N° de la modif.
001

Buyer ID - Id de l'acheteur
pwy026

Client Ref. No. - N° de réf. du client

File No. - N° du dossier CCC No./N°

CCC - FMS No./N° VME

NOTE TO TENDERERS: Use the mailing label below and affix it securely to the outside of the envelope or package containing your tender. Always ensure your company name, return address, tender number and closing date appear legibly on the outside of your bid submission.

REAL PROPERTY CONTRACTING
Public Works & Government Services Canada
219- 800 Burrard Street
Vancouver, B.C. V6Z 0B9

Requisition No.: EZ899-170597/A
Tender Closing Date & Time: August 03, 2016 @ 1400 P.D.S.T.
Project Description: Osoyoos Roof Restoration
Osoyoos, BC

PY

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
Professional and Technical Services, Real Property Services Branch, Pacific Region

Project Name: Osoyoos CBSA Border
Crossing – Roof Restoration

Addendum #1

2016 -07-22

Project No. R.075896.0001

Page 1

The following changes in the tender documents are effective immediately. This addendum will form part of the Contract documents.

Clarifications:

The following are responses to queries submitted during the tendering period:

Clarification 1: Note that the site meeting held on July 14th, 2016 was optional and Contractors that did not attend may still submit a bid.

Question 2: It is not clear at which anchor any of the horizontal lifelines begin or end. It is noted that depending on their length they may require more than one energy absorber making it necessary to know where they are expected to begin and end. It would also be beneficial to know what the existing anchors are (what brand, d-ring configuration) this information should be available on the existing engineered drawings required for permanent anchors. What is the plan, or course of action for any anchors that fail testing?

Clarification 2: Please refer to the clarifications outlined in Detail R-2.2, showing the beginning and end of the horizontal life lines (HLL). Generally, each life line includes 3 anchors and contains one energy absorber, except for HLL8 that has two energy absorbers due to the span. Existing anchor drawings and detailed information about the anchors is not available. If the existing anchor testing fails, additional scope of work will be discussed at that time.

Question 3: Section 011100 Work covered by contract documents 1.1.6 and R-2.2 calls for skylight to be partially disassembled and re-assembled. Can you provide detail drawings, so we know the extent of work needed to be done

Clarification 3: The Contractor is to carry an allowance for access, partial disassembly and re-assembly of the skylight and there are no details drawings for this work. The intent of this work is to allow the Departmental Representative to evaluate the existing skylight system.

Question 4: Section 075200 does not describe what type of adhesive to be use for the roof assembly

Clarification 4: The adhesive is to be compatible with the products being used. Refer to Paragraph 2.1.1 of Section 07 52 00.

Question 5: Section 075200 Warranty 1.9.3.1.3 Normally Owner will pay RCABC inspection costs if we are to include them in our price can you let us know those costs. I assume the owner will be paying for inspection services if there is no RCABC warranty so I assume extra inspections for the RCABC warranty should not be required.

Clarification 5: The costs for the RCABC inspections are to be included in Separate Price Item 1 - RGC Roofstar 10 Year Guarantee. The Contractor is to determine the price for inspections. If the Separate Price item is not accepted, there will be no need for RCABC inspections.

Question 6: Section 075200 Products 2.2.1 Can we use 12.7mm Densdeck prime instead of exterior gypsum?

Clarification 6: Densdeck Prime is an exterior gypsum boarding sheathing and therefore meets the performance requirements outlined in the Contract Documents.

Question 7: Section 075200 Products 2.7.1.1 some manufacturers only recommend use of tape. If we use one layer must we use joint tape if the manufacturer only recommends and does not require it?

Clarification 7: The Contractor may install two layers of the specified overlay board over insulation to provide torch safe surface or one layer with joint tape. Refer to Paragraph 2.7.1.1.

Question 8: Section 075200 Products 2.9.1 and .2 there is no indication on roof plan where these walkways and perimeter strips are to be installed. Also if a perimeter strip is used can the change of color be incorporated into the field membrane or does a second layer need to be installed on top of the field membrane.

Clarification 8: Refer to revised Detail R-2.1 showing the general layout of the traffic walkways and perimeter warning strip. The perimeter strip may be incorporated into the field membrane in the location of the membrane seams. The perimeter strip install orthogonal to the membrane seams shall be an additional layer.

Question 9: Section 075200 Products 2.12.1 Can welded aluminum flashings be used along with regular stack caps.

Clarification 9: No, spun aluminum is to be used as specified.

Question 10: Section 075200 Execution 3.4.5 What type and how many fasteners per board are required?

Clarification 10: Refer to Paragraph 2.1.2 and 2.1.3 in Section 07 52 00 of the Contract Documents.

Question 11: Section 075200 Execution 3.12.4 says “New Roof Drains” typical roof drain on drawing 3/4.2 does not indicate a new roof drain. Products 2.10.1 does not indicate new roof drains. Are the existing roof drains to be replaced? If so how will the ceiling and interior access be coordinated?

Clarification 11: The roof drains are to be new as detailed and outlined in the specifications. The Contractor is responsible for coordinating interior access to complete the work.

Question 12: Section 076200 Fabrication 2.4.3 can we use 10ft long pieces?

Clarification 12: Yes, 10ft lengths may be used. The Contractor is to accommodate for expansion at joints.

Question 13: Can we schedule another site meeting so that sub trades can look at their scope of work?

Clarification 13: Another site meeting will not be coordinated.

Question 14: On Appendix 1 combined price form. In the unit price table: #3,4,5 and 6 you call for these areas to be priced separately. Do we have to assume that these areas may be awarded separately? Or will these areas be awarded together to one contractor?

Clarification 14: The intent is to award the base scope of work and accepted separate price items to one successful Contractor.

Question 15: On Appendix 1 combined price form. In the unit price table: #8 you call for a lump sum and in #13 you call for the price to be by the lin/metre please clarify how you want the sealant renewal priced?

Clarification 15: Item 8 in the lump sum includes sealant work for the roofing scope and Unit Price Item 13 is for building sealant renewal. Refer to Details R-3.1 and R-3.2 for the building sealant renewal scope of work.

Question 16: Will the exterior walls be painted after the joint sealant is applied or would they like a close colour match for sealant. It can be difficult to match at times.

Clarification 16: Colour to closely match adjacent finishes and Contractor to submit sample for review as outlined in Paragraph 1.3.3 of Section 07 92 00.

Question 17: Are they requiring any walls to be sealed from both sides other than the tilt panel joints that run up, over and down to the roof.

Clarification 17: No, only required at both sides of tilt up panel as outlined on Details and Specifications.

Question 18: At tilt-up panels are fire rated sealant joints required?

Clarification 18: Fire rated joints are not required.

Question 19: Signage is positioned in the way of multiple sealant joints. Who will remove?

Clarification 19: It is the Contractors responsibility to access areas of work and remove and reinstall obstructions to complete the work. Removal and reinstallation to be coordinated with Departmental Representative prior to completing the work.

Clarification 20: Bid bonds are required at time of bid submission and the Contract Security is required from the successful Contractor after award, as outlined in the Contract Documents.

Amend/revise the specifications and/or drawings as follows:

Section 01 56 00 –
Temporary Barriers
and Enclosure

Add the following paragraph to Paragraph 1.3 in Section 01 56 00:

- .8 Provide protection around garbage bin location and ensure safe accessibility to building entrance.

Drawing R-1.1 – Site
Plan and General Notes

Revise storage and garbage bin location outlined on Site Plan.

Drawing R-2.1 - Lower
Roof Plan

Add approximate perimeter warning strip and traffic walkways layout.

Drawing R-2.2 – Upper
Roof Plan

Clarify beginning and end location of each Horizontal Life Line.

End of Document



Real Jones Christoffe Inc.
1285 Ave. Brodeur, Suite 300
Québec, QC G1M 3G5
Tel: 418-636-0488
Fax: 418-636-1107

Drawing Notes

- All drawings are to be made, checked, approved and then submitted for review. The contractor shall be responsible for ensuring that all work shown on these drawings is done in accordance with the specifications and the contract documents. The contractor shall be responsible for ensuring that all work shown on these drawings is done in accordance with the specifications and the contract documents. The contractor shall be responsible for ensuring that all work shown on these drawings is done in accordance with the specifications and the contract documents.
- These drawings are for the purpose of design only. They are not to be used for construction without the approval of the architect and the contractor. The contractor shall be responsible for ensuring that all work shown on these drawings is done in accordance with the specifications and the contract documents.
- Use of these drawings is limited to the project identified in the contract documents. The contractor shall be responsible for ensuring that all work shown on these drawings is done in accordance with the specifications and the contract documents.

ISSUED FOR ADDENDUM NO. 1 JUL 22/16 SMR
ISSUED FOR BID APR 09/16 SMR
ISSUED FOR 100% REVIEW MAR 24/16 SMR
ISSUED FOR 90% REVIEW FEB 22/16 SMR
ISSUED FOR PRICING DEC 11/15 SMR

No.	Revision	Date	By

CANADA BORDER SERVICES AGENCY

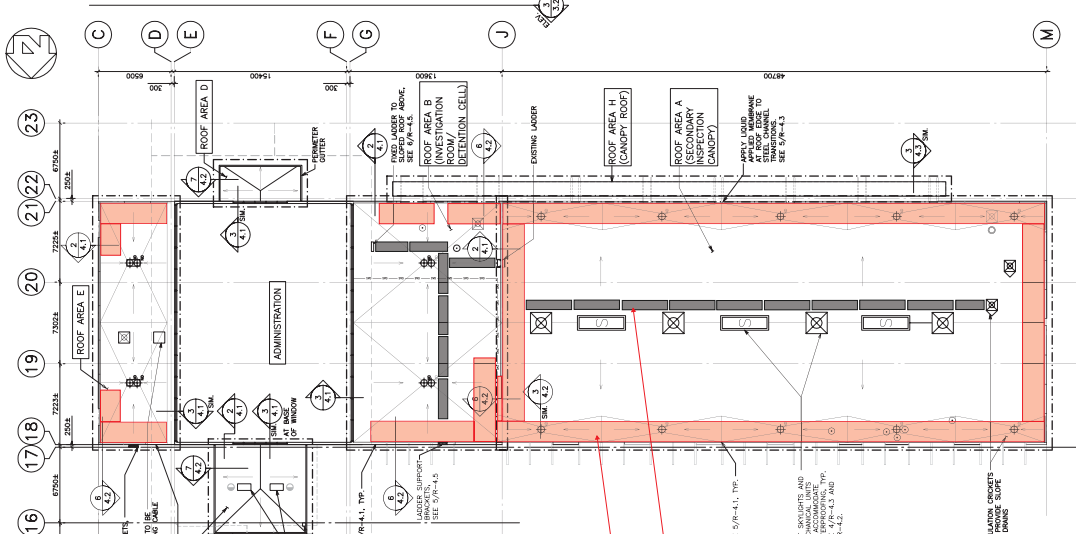
Project: **Osoyoos Border Crossing**
202 - 8TH STREET, OSOYOOS, B.C.

ROOF REPLACEMENT
PWSSC PROJECT NO.: R7696/001

Prepared by: [Name]
Checked by: [Name]
Drawn by: [Name]
Date: [Date]
Project Manager: [Name]
Regional Manager: [Name]

LOWER ROOF PLAN

Project No.	Sheet Title	Revision No.
VAN.113499.0002	R-2.1	0



LOWER ROOF PLAN
1:500

ROOFING REPLACEMENT SCHEDULE	
ROOF AREA A - REPAIR/REPLACE ASSEMBLY (SEE R-3.1)	ROOFING REPLACEMENT SCHEDULE
<ul style="list-style-type: none"> EXTERIOR: SINGLE PLY MEMBRANE ASSEMBLY (SEE R-3.1) MECHANICALLY FASTENED POLYURETHANE INSULATION EXISTING SLOPED STEEL DECK INTERIOR: CONVENTIONALLY INSULATED LOW-SLOPE SINGLE-PLY ROOF ASSEMBLY 	<ul style="list-style-type: none"> EXTERIOR: SINGLE PLY GRANULATED SUBSTRATE WITH BRUSHED BRUSH MEMBRANE CAP SHEET, TYPICAL APPLIED TO MECHANICALLY FASTENED POLYURETHANE INSULATION, MECHANICALLY FASTENED TO EXISTING SLOPED STEEL DECK INTERIOR: CONVENTIONALLY INSULATED LOW-SLOPE SINGLE-PLY ROOF ASSEMBLY
ROOF AREA B AND C - REPAIR/REPLACE ASSEMBLY (SEE R-4.1 AND R-4.2)	
<ul style="list-style-type: none"> EXTERIOR: SINGLE PLY GRANULATED SUBSTRATE WITH BRUSHED BRUSH MEMBRANE CAP SHEET, TYPICAL APPLIED TO MECHANICALLY FASTENED POLYURETHANE INSULATION, MECHANICALLY FASTENED TO EXISTING SLOPED STEEL DECK INTERIOR: CONVENTIONALLY INSULATED LOW-SLOPE SINGLE-PLY ROOF ASSEMBLY 	
ROOF AREA D, E AND F - REPAIR/REPLACE ASSEMBLY (SEE R-4.1 AND R-4.2)	
<ul style="list-style-type: none"> EXTERIOR: SINGLE PLY GRANULATED SUBSTRATE WITH BRUSHED BRUSH MEMBRANE CAP SHEET, TYPICAL APPLIED TO MECHANICALLY FASTENED POLYURETHANE INSULATION, MECHANICALLY FASTENED TO EXISTING SLOPED STEEL DECK INTERIOR: CONVENTIONALLY INSULATED LOW-SLOPE SINGLE-PLY ROOF ASSEMBLY 	
ROOF AREA G - CANOPY ROOF	
<ul style="list-style-type: none"> EXTERIOR: SINGLE PLY GRANULATED SUBSTRATE WITH BRUSHED BRUSH MEMBRANE CAP SHEET, TYPICAL APPLIED TO MECHANICALLY FASTENED POLYURETHANE INSULATION, MECHANICALLY FASTENED TO EXISTING SLOPED STEEL DECK INTERIOR: CONVENTIONALLY INSULATED LOW-SLOPE SINGLE-PLY ROOF ASSEMBLY 	
ROOF AREA H - CANOPY ROOF	
<ul style="list-style-type: none"> EXTERIOR: SINGLE PLY GRANULATED SUBSTRATE WITH BRUSHED BRUSH MEMBRANE CAP SHEET, TYPICAL APPLIED TO MECHANICALLY FASTENED POLYURETHANE INSULATION, MECHANICALLY FASTENED TO EXISTING SLOPED STEEL DECK INTERIOR: CONVENTIONALLY INSULATED LOW-SLOPE SINGLE-PLY ROOF ASSEMBLY 	

PERMETER WARNING STRIP

TRAFFIC WALKWAYS

LEGEND

- AREA OF ROOFING SCOPE
- EXISTING EXHAUST VENT ON CURB. SEE 2/R-4.2.
- EXISTING INSULATION CRACKS AND TRUNCATED DRAINAGE SPOTS. WORK REQUIRED TO CORRECT.
- EXISTING CONDUIT PENETRATION. SEE R/R-4.2.
- EXISTING VENT STACK. SEE 1/R-4.2.
- NEW DRAIN. SEE 2/R-4.2.
- EXISTING DOWNPIPE. SEE 4/R-4.1.
- EXISTING AIR CURTAIN. SEE 4/R-4.2.

NOTES:

- NEW ROOF AREAS A, B, C, D, E, F, G, H SHALL BE REPLACED WITH A SINGLE PLY GRANULATED SUBSTRATE WITH BRUSHED BRUSH MEMBRANE CAP SHEET, TYPICAL APPLIED TO MECHANICALLY FASTENED POLYURETHANE INSULATION, MECHANICALLY FASTENED TO EXISTING SLOPED STEEL DECK.
- BUILDING SEAMANTS TO BE REPLACED, WHERE SPECIFIED. SEE ELEVATIONS AND 5/R-4.2.

Drawing Notes

- All drawings are to be read in conjunction with the specifications and other documents. The drawings are to be used as a guide only. The contractor is responsible for verifying the accuracy of the drawings and for providing the necessary details for construction. The contractor is to be held responsible for any errors or omissions in the drawings.
- These drawings are to be used as a guide only. The contractor is to be held responsible for any errors or omissions in the drawings.
- Use of these drawings is limited to the project identified in the title block. The contractor is to be held responsible for any errors or omissions in the drawings.
- Contractor to be held responsible for any errors or omissions in the drawings.

ISSUED FOR PERMITTING 1 JUL 2016 SMM
ISSUED FOR BID APR 0016 SMM
ISSUED FOR 100% REVIEW MAR 24/16 SMM
ISSUED FOR 90% REVIEW FEB 22/16 SMM
ISSUED FOR PRICING DEC 11/15 SMM

Project: Osyoos Border Crossing
Drawing No.: R-2.2
Revision: 0

Drawn by: D. B. 2016
Checked by: SMM
Date: 2016

Project: Osyoos Border Crossing
Drawing No.: R-2.2
Revision: 0

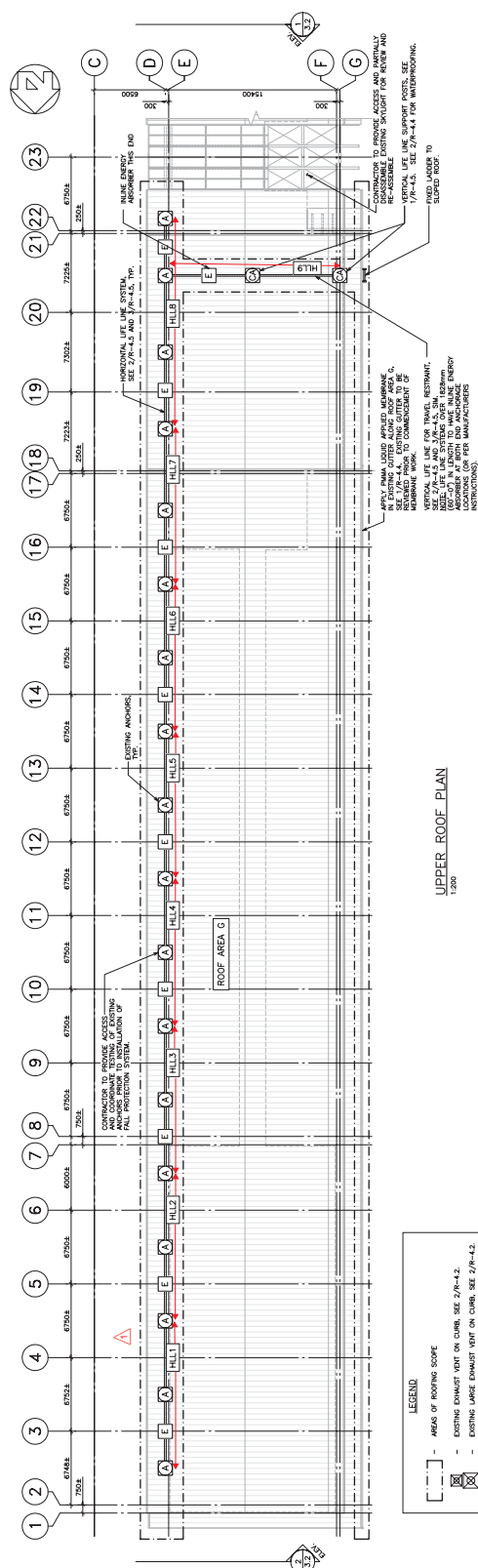
Project: Osyoos Border Crossing
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Drawing No.: R-2.2
Revision: 0

Project: Osyoos Border Crossing
Drawing No.: R-2.2
Revision: 0



UPPER ROOF PLAN
1:200

LEGEND

- BOUNDARY OF ROOFING SCOPE
- EXISTING EXHAUST VENT ON CURB, SEE 2/R-4.2
- EXISTING LARGE EXHAUST VENT ON CURB, SEE 2/R-4.2
- EXISTING BOILER FULC, SEE 6/R-4.3
- EXISTING CONDUIT PENETRATION, SEE 6/R-4.2
- EXISTING VENT STACK, SEE 1/R-4.2
- NEW DRAIN, SEE 3/R-4.2
- EXISTING SPLOUT, SEE 4/R-4.3
- DIRECTION OF ROOF DRAINAGE
- EXISTING GAS LINE, SEE 4/R-4.2
- TYPICAL EXISTING ANCHORS
- VERTICAL LIFE LINE SUPPORT, SEE 1/R-4.5
- IN-LINE ENERGY ABSORBER FOR HORIZONTAL LIFE LINE SYSTEM
- HORIZONTAL LIFE LINE, SEE R-4.5

NOTES:

- ROOF AREAS A, B, C, D, E, F, AND H TO BE REPLACED WITH A CONCRETE SLAB ON GIRDS.
- BEARING WALLS TO BE REPEATED, WHERE SPECIFIED. SEE ELEVATIONS AND 5/R-4.1.



Part 1 General

1.1 REFERENCES

- .1 Refer to General Conditions.

1.2 INSTALLATION AND REMOVAL

- .1 Provide temporary controls in order to execute Work expeditiously.
- .2 Remove from site all such work after use.

1.3 HOARDING

- .1 Erect temporary site enclosures using 38 x 89 mm construction grade lumber framing at 600 mm centres and 1200 x 2400 x 13 mm exterior grade fir plywood to CSA O121. Enclosure to be 8ft high.
- .2 Apply plywood panels vertically flush and butt jointed.
- .3 Provide one lockable entrance door as directed and conforming to applicable traffic restrictions on adjacent streets.
- .4 Erect and maintain pedestrian walkways including roof and side covers, complete with signs and electrical lighting as required by law.
- .5 Maintain public side of enclosure in clean condition.
- .6 Erect temporary site enclosure using new 1.2 m high fence wired to rolled steel "T" bar fence posts spaced at 2.4 m on centre. Provide one lockable gate. Maintain fence in good repair.
- .7 Provide barriers around trees and plants designated to remain. Protect from damage by equipment and construction procedures.



- .8 Provide protection around garbage bin location and ensure safe accessibility to building entrance.

1.4 GUARD RAILS AND BARRICADES

- .1 Provide secure, rigid guard rails and barricades around open edges of roofs.

1.5 ACCESS TO SITE

- .1 Provide and maintain access roads, sidewalk crossings, ramps and construction runways as may be required for access to Work.

1.6 PUBLIC TRAFFIC FLOW

- .1 Provide and maintain competent signal flag operators, traffic signals, barricades and flares, lights, or lanterns as required to perform Work and protect public.

1.7 FIRE ROUTES

- .1 Maintain access to property including overhead clearances for use by emergency response vehicles.

1.8 PROTECTION FOR OFF-SITE AND PUBLIC PROPERTY

- .1 Protect surrounding private and public property from damage during performance of Work.
- .2 Be responsible for damage incurred.

1.9 PROTECTION OF BUILDING FINISHES

- .1 Provide protection for finished and partially finished building finishes and equipment during performance of Work.
- .2 Provide necessary screens, covers, and hoardings.
- .3 Confirm with Departmental Representative prior to installation.
- .4 Be responsible for damage incurred due to lack of or improper protection.

1.10 WASTE MANAGEMENT AND DISPOSAL

- .1 Separate waste materials for reuse or recycling in accordance with Section 01 74 19 - Waste Management and Disposal.

Part 2 Products

2.1 NOT USED

- .1 Not Used.

Part 3 Execution

3.1 NOT USED

- .1 Not Used.

END OF SECTION