



# ADDENDUM NO. 1 BID OPPORTUNITY NO. 203-2004

ENCLOSURE OF BASEMENT EXIT AT CHIEF PEQUIS SCHOOL  
1400 ROTHESAY STREET

## URGENT

**PLEASE FORWARD THIS DOCUMENT TO  
WHOEVER IS IN POSSESSION OF THE BID  
OPPORTUNITY**

ISSUED: May 18, 2004  
BY: Coleen Groening /clg  
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**THIS ADDENDUM SHALL BE INCORPORATED  
INTO THE BID OPPORTUNITY AND SHALL  
FORM A PART OF THE CONTRACT  
DOCUMENTS**

Template Version: 20040128

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Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 8 of Form A: Bid may render your Bid Submission non-responsive.

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## PART B – BIDDING PROCEDURES

**Revise:** B2.1 to read:

B2.1 The Submission Deadline is 12:00 noon Winnipeg time, **May 26, 2004**.

## PART E – SPECIFICATIONS

**Revise:** E5.3 (c) to read:

E5.3 (c) Locate reinforcing splices not indicated on drawings at points of minimum stress. Locations of splices shall be approved by the Contract Administrator.

**Revise:** E8 to read:

### **E8 MISCELLANEOUS METAL**

#### **E8.1 WORK INCLUDED:**

- a) Manufacture and deliver to the site for installation the following: anchor plates and bolts that are to be embedded in concrete and masonry, metal L frames and edge L. Metal lath soffit complete metal channel and Westman corrugated conveyor cover.
- b) Design of structural steel members of roof, including Westman corrugated conveyor cover shall bear stamp of qualified Professional Engineer registered in the Province of Manitoba.
- c) Remove, straighten, repair and reinstall existing handrails.
- d) Field weld where necessary for erection only.
- e) Shop paint all steel not embedded in concrete or masonry.

#### **E8.2 REFERENCE STANDARDS:**

- a) All material shall comply with CSA G40, latest edition; Standard bolts and anchor bolts shall comply with ASTM Specifications A307 and material shall comply with CSA G40.4. Shop paint shall conform to Canadian Government Specification Board 1GP-40C.

#### **E8.3 SHOP DRAWINGS:**

- a) Submit four (4) sets of shop drawings for Contract Administrator's approval before fabrication.

- b) Drawings shall show plans, elevations, connection details, bearing and anchorage details, framed openings, accessories, schedule of materials, finishes, fasteners, welds, sealant locations and details.
- c) Drawings shall clearly show size of members, size of welds, erection details, location of joint and other related information bearing stamp of qualified Professional Engineer registered in the Province of Manitoba.

**E8.4 MATERIALS:**

- a) All material shall be new material, free of defects, clean, straight, sharp, profiles curved to true radii and smooth surface.
- b) Galvanizing shall comply with ASTM A123 (700g/square meter). The following items shall be hot dipped galvanized after fabrication: masonry shelf angle.
- c) Shop paint shall be lead or zinc chromate primer.
- d) Where sizes shown are not available, material of heavier gauge or strength shall be substituted.
- e) Anchor bolts not otherwise shown shall be 9mm in diameter, embedded at least 2000 mm and spaced no farther than 0.6m on centers.

**E8.5 FABRICATION:**

- a) Field fabrication shall not be permitted unless written permission is received from the Contract Administrator. All fabrication shall be constructed from approved shop drawings.
- b) Work shall be shape and size, straight to line and true to curve. Exposed welds and exposed metal edges shall be ground smooth.
- c) Steel surfaces shall be wire brushed, scraped or otherwise prepared to remove all loose mill scale, rust, oil, dirt, etc. before priming. All exposed ironwork except galvanized surfaces shall be painted.
- d) Field touch up all paint damage during delivery or erection.
- e) Handle and store fabricated materials under cover to protect from damage and deliver to the site when directed by the General Contractor.
- f) Cooperate with other trades during erection of steel, as some items require embedment. Provide temporary bracing of masonry to support construction loads.

**E8.6 METAL CLADDING:**

- a) REFERENCE STANDARDS: Do prefabricated metal cladding work to CCSA Specifications 136-94.

**E8.7 DESIGN CRITERIA:**

- a) Design members to withstand dead load and wind loads as calculated in accordance with NBC and applicable municipal regulations.
- b) Maximum deflection: Metal cladding under full design load: 1/180 of clear span.
- c) Design metal cladding elements to accommodate, by means of expansion joints any movement in element itself and between element and building structure, caused by structural movements without permanent distortion, damage to substrata, oil canning effect.
- d) Design building assembly to permit easy replacement of components.

**E8.8 TOLERANCES:**

- a) Maintain the following tolerances for building structure and enclosure elements. Maximum variation from plane or location shown on shop drawings: 3mm/3m of length and 6mm/30m maximum.

**E8.9 MATERIALS:**

- a) Metal roof shall be Westman corrugated conveyor cover, 2000 mm inside diameter of gauge to support Live and Dead Loads on roof. Corrugation 2 2/3" o.c., 1/2" deep in thickness to support anticipated Design and Dead Loads.
- b) Roof segments: 25 5/8" long with overlap at both ends.
- c) Liner secured to metal frame with Tapcon bolts at spacing approved by the Manufacturer. Pre-drill bolt holes along seams at centers as recommended by manufacturer. Bolt holes shall be 1/8" larger in diameter than bolts to allow for metal expansion.

- d) Metal face at East Elevation shall be 16 gauge galvanized sheet metal, in segments as shown on Sheet A02 PLAN & SECTION.
- e) Screws: #14 x 1 ½" Hex Head, AB Point, Tek #3, complete with nylon washer, to match colour of flashing. As per manufacturer's specifications for exterior applications.
- f) Bolts, nuts and washers: to ASTM A325M-79 or ASTM A490-79.
- g) Metal roof flashing: 22 gauge galvanized steel bent to sizes shown on drawings.

**E8.10 ERECTION:**

- a) Erect cladding in accordance with manufacturer's recommendations. Caulk with Soprema Mastic as per NABA.
- b) Fasten flashings with Pan HD Screws at 12" o.c.
- c) Provide all flashings and caulking to seal against water and moisture at all mechanical and electrical penetrations and maintain continuity of cladding of cladding moisture tight.
- d) Caulk joints with TREMCO Sealant.
- e) Seal and caulk all openings, where water may penetrate.

**Revise:** E11.1 to read:

E11.1 Field fabrication shall not be permitted unless written permission is received from the Contract Administrator. All fabrication shall be constructed from approved shop drawings.

**Revise:** E13.7 (a) to read:

E13.7 (a) Doors to be master keyed as noted in hardware schedule or as directed by the Contract Administrator.

**Delete:** E15 in its entirety.