



# 832-2007 ADDENDUM #4

## BRONX PARK COMMUNITY CENTRE HOME OF GOOD NEIGHBOURS SENIOR CENTRE

### URGENT

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

ISSUED: February 22, 2008  
BY: Gabe Derksen, Number TEN Architectural Group  
TELEPHONE NO. (204) 942-0981

**THIS ADDENDUM SHALL BE INCORPORATED  
INTO THE BID OPPORTUNITY AND SHALL  
FORM A PART OF THE CONTRACT  
DOCUMENTS**

Template Version: A20070419

---

**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 10 of Form A: Bid may render your Bid non-responsive.**

---

### PART E – SPECIFICATIONS

Delete: Item 2.5.1 in Section 07 52 00

Revise: 07 52 00 2.5.2

“Insulation: CAN/ULC-701-97-II}, Extruded polystyrene board with natural skin surfaces; Deckmate manufactured by Dow Chemical. Other acceptable manufacturer’s: Owens Corning.

Add: 08 80 00 2.1.5

“2.1.5 Window Protection (Type E): Clear acrylic polycarbonate; UV resistant, Lexan XL 10 manufactured by GE Plastics; 9 mm thick.”

Revise: 08 80 00 2.2.4

“2.2.4 Insulating Glass (Type SG-4): CAN2-12.8M double pane; 6 mm outer pane of clear glass; 6 mm inner pane of clear glass with AFGD Comfort-Ti-AC40 Low E, argon filled cavities. Total unit thickness 25 mm. Glazed into curtain wall with one pane of Type E polycarbonate to the exterior of assembly with 12 mm glazing stop between the polycarbonate and sealed unit for a total unit thickness of 47 mm. Provide drainage at bottom of polycarbonate for condensation. Allow space around polycarbonate for expansion and contraction.”

Revise: 08 80 00 2.2.5

“2.2.5 Insulating Glass (Type SG-5): CAN2-12.8M double pane; 6 mm outer pane of clear glass; 6 mm inner pane of clear tempered glass with AFGD Comfort-Ti-AC40 Low E on second surface, argon filled cavities. Total unit thickness 25 mm. Glazed into curtain wall with one pane of Type E polycarbonate to the exterior of assembly with 12 mm glazing stop between the polycarbonate and sealed unit for a total unit thickness of 47 mm. Provide drainage at bottom of polycarbonate for condensation. Allow space around polycarbonate for expansion and contraction.”

Revise: 09 06 00

Room 145 Men WC. West Wall C to be: P-12, CT-1

- Revise: 10 22 16 "2.2.2 Track: Manufacturer's standard track; thickness and profile to support loads."
- Add: 10 44 20 "1.5 FIRE EXTINGUISHERS  
.1 Fire extinguishers shall be supplied & installed by the Sprinkler Subcontractor."
- Add: 10 44 20 "2.1.2 FIRE EXTINGUISHER SIZES  
.1 Size 2.2 Kg (5lb) shall be rated for minimum 3A : 10B : C.  
.2 Size 4.5 Kg (10lb) shall be rated for minimum 4A : 60B : C."
- Add: 10 44 20 "2.1.3 ACCEPTABLE PRODUCT  
.1 Chubb; Flag."
- Add: 10 44 20 "3.1.3 Provide 4.5 Kg (10lb) fire extinguishers in Mechanical and Electrical Rooms. Provide 2.2 Kg (5lb) fire extinguishers in all other spaces. Locate and install according to the requirements of NFPA 10, "Portable Fire Extinguishers" and the requirements of the Local Authorities Having Jurisdiction.
- Revise: 21 07 20 Add the following to the "Refrigerant Suction" entry in the Insulation Thickness Table in Section 3.5.6:  
"Insulate "Natural Gas Piping" the same as "Refrigerant Suction" piping for the first 3 meters (10 ft) from the penetration of the building thermal envelope."
- Clarification: 21 13 13 2.1.2.1 Steel Pipe: Schedule 10 sprinkler piping as allowed by NFPA 13 is acceptable.  
2.1.2.2 Fittings: "Mechanical" grooved products (couplings, elbows, tees, etc.) as allowed by NFPA 13 are acceptable.  
2.2 Valves: Grooved valves as allowed by NFPA 13 are acceptable.
- Add: 22 24 02 "1.9 SEPARATE PRICE NO. 10  
.1 "Refer to Specification Section "PART A BID - SUBMISSION", Table "SEPARATE PRICES TO BE DEDUCTED FROM THE LUMP SUM PRICE" ITEM NO. 10, "Accept Plumbing Fixture and Hot Water heater Tank Package A"  
.2 In lieu of providing the fixtures and equipment listed in Mechanical Equipment Schedule "I", "PLUMBING FIXTURE & EQUIPMENT SCHEDULE", provide the separate fixtures and equipment listed in the attached Mechanical Equipment Schedule "O", "SEPARATE PLUMBING FIXTURE & EQUIPMENT SCHEDULE (PACKAGE "A") SEPARATE PRICE ITEM NO. 10" (7 pgs).  
.3 Refer to attached part plan drawings MS-01, MS-02, and MS-03 for Mechanical Modifications to accommodate Package "A" Separate Price No. 10 Domestic Hot Water Heaters."
- Add: 23 21 05 "2.5.1.5 Manufacturer/supplier shall be responsible for correct sizing of expansion tanks, based on actual configuration of installed system. Coordinate sizing before tender and after installation."

- Add: 23 31 00 "1.6 SEPARATE PRICE NO. 11
- .1 Refer to Specification Section "PART A BID - SUBMISSION", Table "SEPARATE PRICES TO BE DEDUCTED FROM THE LUMP SUM PRICE" ITEM NO. 11, "Delete air conditioning to Gymnasium only":
  - .2 In lieu of providing Air Handling Unit AHU-1 listed in Mechanical Equipment Schedule "B", "AIR HANDLING UNIT SCHEDULE", provide the Separate Air Handling Unit listed in the attached Mechanical Equipment Schedule "P", "SEPARATE AIR HANDLING UNIT SCHEDULE RTU - 1 SEPARATE PRICE ITEM NO. 11" (1 pg).
  - .3 Refer to Mechanical Equipment Schedule "C", "CONDENSING UNIT SCHEDULE" and delete condensing unit CU-12 (serving AHU-1) and the associated piping, controls, insulation, etc.
  - .4 Refer to attached part plan drawings MS-04, MS-05, and MS-06 for Mechanical Modifications to accommodate Separate Air Handling Unit RTU-1.
  - .5 Install the two opposed blade motorized dampers described in Drawing Note 16 so that the supply air flow can be diverted/modulated between the Gymnasium and Skate Change area (Room 135) in accordance with the control description in Section 259001-1,3.4, "GYM/HALL SUPPLY (AHU-1)."
- Add: 25 90 01 "1.3.10 INFLOOR HEATING
- .1 Provide DDC room controller and infloor slab temp sensor. Room controller shall control 3-way valve on HWS to header to maintain space temp. Controller and slab sensor shall act as a slab temp high limit. All room controllers shall communicate on LAN."
- Revise: 26 00 01 Paragraph 1.2.5
- .1 Turn over noted items to the City. All other electrical related items to be removed from site.
  - .2 All PCB ballasts and mercury switches to be disposed of as hazardous materials according to all Provincial regulations and AHJ.
- Add: 26 22 17 "2.4.1 Acceptable Manufacturers: Hammond, REX, Bemag."
- Add: 26 24 20 Add Section 26 24 20 Motor Starters
- Add: 26 28 16 Add Section 26 28 16 Disconnect Switches
- Add: 26 52 01 "2.3.1 Acceptable Manufacturers: Lumacell, Beghelli, Energi Lite and Readylite."
- Add: 27 51 16 "2.2.5 Provide additional power amps as required to drive all speakers shown on drawings."
- Add: 27 51 16 "2.7.2 P/A system to utilize phone handset only for paging."
- Add: 27 51 16 "2.14.2 P/A system requires volume control at the main controller only; local volume controls are not required."
- Revise: 27 51 16 2.15.1 to read as follows:  
"2.15.1 P/A system has only one zone paging."

- Add: 27 51 16 "2.16.3 Provide 2 exterior loud speakers on west side of building and future conduit and cable stub-up into accessible ceiling space for future speaker connection.
- Add: 28 31 01 "2.1.5 Acceptable Manufacturers: Simplex Grinnell, Vipond or equal in accordance with B6."
- Add: 32 37 01 "2.11 GAME TABLE  
.1 Recycled Plastic, 3-Seat Game Tables, as supplied by DuMor, inc., Product Number 78-33PL – 78, "Cedar" Recycled Plastic, Support Option – S-1 Embedment, with Black Finish, or substitute approved equal.  
.2 Contact for DuMor Recycled Plastic Game Table  
Neil Buller  
GAT Home Company Ltd.  
289 King Street  
Winnipeg, MB R3B 1J8  
Phone: (204) 943-5050  
Fax: (204) 947-3800  
.3 Install as per manufacturers instructions."
- Revise: 33 46 13 3.3.3 "3.3.3 Lay pipe level to trench elevation indicated on drawings."
- Revise: 21 05 01 1.6.6.7 Mechanical Equipment Schedule "G"  
  
Part 1 Section .2.1 to read: "Housing constructed of heavy duty G90 galvanized steel and unit to be painted grey (unpainted galvanized not acceptable)."
- Revise: 21 05 01 1.6.6.7 Mechanical Equipment Schedule "G"  
  
Part 1 Section .2.7 to read: "Heavy duty, pre-lubricated bearings rated for 200,000 hours of operation. Blower to come with pillow block bearings (cartridge bearings not acceptable)."
- Add: 21 05 01 1.6.6.7 Mechanical Equipment Schedule "G"  
  
Add the following to Part 1 as Section .2.15  
".15 Units to be C-ETL approved for installations in Canada."
- Add: 21 05 01 1.6.6.7 Mechanical Equipment Schedule "G"  
  
Add the following to Part 1 as Section .7  
".7 ACCESSORIES  
.1 Provide 12" high roof mounting curb.  
.2 Provide remote status panel with heat & fan switches & lights and mounted temperature selector.  
.3 Provide Low limit auto bypass.  
.4 Unit to come with reverse interlock package including air proving switch for field installation  
.5 Provide a system of diagnostic lights to indicate:  
.6 Velocity across profile plate too high  
.1 Velocity across profile plate too low  
.2 Low Limit lockout  
.3 Ignition failure  
.4 Open discharge sensor  
.5 Burner on indication"

Revise: 21 05 01 1.6.6.7

Mechanical Equipment Schedule "G"

Revise Natural Gas input from 190 MBH to 208 MBH for a 110 degree rise.

Add: 21 05 01 1.6.6.15

Mechanical Equipment Schedule "P"

Separate Air Handling Unit Schedule TRU-1, Separate Price Item No. 11: Add the following to "ACCESSORIES"  
".1 Air Quality Sensor and controls"

## **DRAWINGS**

The following Revision Sheets for the Drawings will be issued:

Add: RA-12	Drawing 1/A-1.1: Revise building location
Add: RA-13	Drawing 1/A-1.2: Review weeping tile size from 150 mm to 100 mm diameter and relocate sump pit discharge location
Add: RA-14	Drawing 3/A-4.6: Revise weeping tile size from 150 mm to 100 mm diameter and note fixed trench elevation
Add: RA-15	Drawing 14/A-6.1: Revise sump pit elevations
Add: RA-16	Elevation WC145 Dwg 24/A-7.1 and Elevation WC147 Dwg 30/A-7.1: Ceramic tile specification revised to CT-1
Add: RA-17	Elevation WC145 Dwg 26/A-7.1: Ceramic tile is not to be installed behind mirror, section of ceramic tile removed
Add: RA-18	Elevation WC145 Dwg 23/A-7.1, Elevation WC146 Dwg 27/A-7.1, and Elevation WC147 Dwg 28/A-7.1 Clarification: Ceramic tile to be installed behind mirrors
Add: RA-19	Drawing 13/A-8.1 Skate Change Display Case revised
Add: RA-20	Drawing A-2.2: Revise curtainwall keyed note labels
Add: RA-21	Drawing A-2.2: Revise curtainwall keyed note labels
Add: RA-22	Drawing A-3.1: Revise / clarify wall heights Drawing A-3.2: Revise / clarify wall heights
Add: RA-23	Drawing A-1.4: Revise / clarify wall heights Drawing A-3.1: Revise / clarify wall heights
Add: LR-1.0	Replace Detail 3/L3 with COW SD 205
Add: LR-2.0	Replace Detail 4/L5 with LR-2.0
Add: MR-01	Incorporate Mechanical revisions to M-2.4
Add: MR-02	Incorporate Mechanical revisions to M-2.5
Add: MR-03	Incorporate Mechanical revisions to M-2.5
Add: MR-04	Incorporate Mechanical revisions to M-3.1
Add: MR-05	Incorporate Mechanical revisions to M-3.2

- Add: MR-06 Incorporate Mechanical revisions to M-4.1
- Add: ER-3 Drawing E-2.0: Delete type X fixture and add one type N fixture  
Drawing E-2.0: Revise type N fixture specification as follows: Catalogue No.: RN SI P 1E 150 120 S YR.
- Add: ER-4 Drawing E-3.0: Emergency Call Station to be wall mounted at 1200 mm and strobe to be red in color c/w horn and silence / acknowledge button
- Add: ER-5 Drawing E-5.1: Refer to Single Line Diagram: Breakers located in CDP-6M do not require LSI type breakers  
Drawing E-5.1: Refer to Motor / Equipment Schedule: Exhaust Fan EF-2 requires magnetic starter