

PUBLIC BUILDING COMMISSION OF CHICAGO

ADDENDUM NO. 03 TO CONTRACT NO. 1504
For

31st Street Harbor – Landside / Marina
3155 S. Lake Shore Drive
NEW CONSTRUCTION

DATE: Tuesday, March 30, 2010

NOTICE OF CHANGES IN CONTRACT DOCUMENTS

The following changes are hereby made in the Contract Documents.

Changes to Book 1 PROJECT INFORMATION, INSTRUCTIONS TO BIDDERS, AND EXECUTION DOCUMENTS:

Change 1: Replace Revised Unit Price Bid Form, Addendum No. 2, dated March 26, 2010, with Revised Unit Price Bid form, Addendum No. 3, dated March 30, 2010.

The Award Criteria Figure is to be calculated from the Total Base Bid without considering Alternates 1, 2, or 3. Award will be made to the responsible Bidder submitting the lowest Award Criteria Figure.

The Contract Price will include the Total Base Bid plus any Alternates (Alternates 1, 2 or 3) that the Commission may in its sole discretion accept at the time of award. The Commission may also, in its sole discretion, accept none of the Alternates.

Change 2: Change Section III. Instructions for Bidders, subpart U. Basis of Award to read as:

Award will be made to the responsible Bidder submitting the lowest Award Criteria Figure and otherwise responsive to all the requirements of the Contract Documents.

Changes to Book 3 TECHNICAL SPECIFICATIONS:

Change 3: 02633 Storm Water Treatment Device
A. Section 2.2 C.: Change the minimum storage capacity provided by the sump chamber to 11,000 gallons.

Change 4: 07190 Graffiti Resistant Coatings For Concrete & Stone
A. Revise section 1.2A to read: "Penetrating graffiti resistant coatings for all pre-cast and cast-in-place exposed exterior concrete work associated with the parking garage, harbor services building and the underpass."
B. Add section 1.2C to read: "Penetrating graffiti resistant coatings for all exposed CMU surfaces."
C. Change current section "1.2C" to "1.2D."

Change 5: 08710 Door Hardware
A. Replace section 3.3 with the following: SCHEDULE OF FINISH HARDWARE SETS: SEE SHEET A12.11

Change 6: 11110 Commercial Laundry Equipment
A. Revise section 1.3.C.2 to read as follows: Front loading washer: UL or CSA Listed
B. Revise 1.7.A.1 to read as follows: Frontloading Washers: Three (3) Years on all machine parts from date of installation. Dryers: Three (3) Years on all machine parts from the date of installation.

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- C. Add "4. Huebsch" to 2.1.A
 - D. Revise section 3.3A with the following: Install in accordance with manufacturer's instructions. Coordinate with detail 5/A6.15.
- Change 7: Section 10210. Exterior louvers
- A. Section 2.2.A.1: Revise to read "4 – 6 inch "in lieu of "4 inch"
 - B. Section 2.2.A.9: Delete in its entirety.

Changes to DRAWINGS:

- Change 8: Sheet C4.20D Storm Sewer Crossing Details *(attached)*
- A. Add detail for Precast Concrete Storm Water Treatment Vault
- Change 9: Sheets A4.02 and A6.01 Enlarged garage Plans and Sections
- A. Add note "Provide insulation inside the mechanical room along grid line C between grids 15-16."
- Change 10: Sheet A6.02 Enlarged Garage Plans
- A. Add note "Provide insulation in front of all Area shaft facing the garage."
- Change 11: Sheet A6.15 detail 5
- A. Revise washer / dryer overall frame dimensions to 58" wide and 29" deep.
- Change 12: Sheet S2.02 Slab On Grade Typical Details
- A. Detail 10 Under note "VAPOR BARRIER" add note "AT HSB ONLY."
 - B. Detail 10 Add note "PROVIDE GEO-TEXTILE BENEATH THE CA-7 STONE LAYER AT GARAGE AREA ONLY."
- Change 13: Sheet S4.05 Post-Tensioning Details *(attached)*
- A. Add detail 11 Post-Tensioned Beam/Girder Reinforcement Placement.

Questions and Answers:

Question 1:

Section 02300 - Vegetated Roof Assemblies does not specify any weight restrictions or the type of earthwork equipment that will be allowed for soils placement on the roof of the garage. Are there restrictions to the type and weight of the equipment to be used for this work?

Answer 1:

Refer to S0.01 and S0.01-ALT for the design loads. The structure is designed for the loads indicated on the drawing. Means and method of installation are the responsibility of the contractor.

Question 2:

Do the long slab bottom bars in detail 6/S4.02 stop at the beam or are they continuous?

Answer 2:

See Detail 6 on S4.03. The long bars stop at beam.

Question 3:

Do the "key note" slab bars follow the details 4 and 8/S4.05? If so are 50% short and 50% continuous? If not how are these dimensioned?

Answer 3:

For rebar key note, follow detail 6/S.403 only.

Question 4:

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Drawing FS1.0, transition sump detail shows the 2" marine piping within a 12" conduit sleeve to the dispenser sumps. The manufacturer (APT being the only Marina flex pipe listed as acceptable we have been able to confirm at this point) only offers a 4" conduit sleeve as attached.

Answer 4:

The 12" conduit sleeve indicated is intended to protect the flexible 2" encased (4" outside diameter) from damage as the dock elevation could change. The 12" PVC conduit sleeve runs between the transition sump and the sheet piling. The encased flexible fuel pipe would be inserted into the 12" PVC conduit from the dock through the sheet piling and then to the transition sump.

Question 5:

What is status of excess building excavation spoils removal and excess site excavation? Will on-site excavation be considered suitable for the on-site fills?

Answer 5:

Bidders shall make their determination of what quantity needs to be disposed of off site based on documents. Disposal and haul-off of on-site excavation should be minimized and re-used on-site as much as possible while meeting specification requirements.

Question 6:

The documents state, "The concrete revetment shall be designed for HS20 live load.", but give no details. Please provide structural details for the reconstruction of this item.

Answer 6:

Reference note 1 on C2.4 and Specification 02050, 1.4 B.

Question 7:

On the bid form, Unit Price #1 & 2, it gives 2 different length sizes of Precast Units. Are we to price just one size and zero out the other? Please verify and / or revise this bid form.

Answer 7:

Both units are included in the design and each should be priced accordingly.

Question 8:

At the underpass location, the west wing walls are too close to the fence line / suggested Lake front detour route and the 31st Street ramps / roadway. Please provide a workable location for the temporary lake front detour and acknowledge that the path must be out of service for the length of time to construct the pedestrian underpass.

Answer 8

The route shown on G3.2 is suggested, not required. The Contractor is required to prepare and submit all staging, phasing and temporary facilities plans as required to construct the improvements while maintaining access to noted Park facilities. Reference specification 01550.

Question 9:

There is nothing in the spec pertaining to a cash/card register system for the pumps. Is this by Owner?

Answer 9:

Payment system to be installed by Owner.

Question 10:

Is the vapor recovery piping listed to the dispensers required?

Answer 10:

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Delete vapor recovery piping from scope.

Question 11:

Please provide details showing how the underwater heat exchangers and associated piping will be attached to the bottom of the harbor.

Answer 11:

The design of the underwater heat exchanger/piping anchorage is part of the contractor's scope as indicated on M3.1 (See Addendum No. 02 M3.1 Note #18 for additional criteria).

Question 12:

Water and sewer on 1 & 7.3 – are the dock utilities by trenchless excavation only the ones going under the Promenade? Or is the trenchless excavation for the water & sewer that run parallel to the Promenade as well?

Answer 12:

The Contractor is responsible for construction means and methods required for utility installation, but is to utilize trenchless excavation where viable to minimize removal and patching of existing construction which is to remain in place at the end of the project.

Question 13:

What is the cross section of the fuel lines that cross with the Sanitary force main & Water (3 & 7.4)? Does the force main & Water go over the top?

Answer 13:

A minimum cover of 3 feet must be maintained over the sanitary force main and water service to the fuel dock. Fuel lines will cross below these utilities with a minimum separation of 18 inches.

Question 14:

E4.5 Detail #2 calls for Panels DP2 and DP6. We cannot find them on the drawings or Panel Schedule.

Answer 14:

Refer to the re-issued Sheet E4.5 (Addendum 01). References to those panels have been removed.

Question 15:

E5.2 Detail #3 show typical Driveway Gate Access Wiring. We can only find one gate access on drawings ES1.4 in the west remote parking lot. Is this the only driveway gate access that gets loops and wiring?

Answer 15:

There are two locations with "gate access". The first is the west remote lot, located on ES1.4; the second is at the garage entrance/exit, located on E2.1B. Refer also to Specification 11150 and Drawings LS2.10, A1.01B, and A8.01 for additional information.

Question 16:

RE: Sheet S4.10 – Detail A. The modular block retaining wall geosynthetic reinforcement is conflicting with the existing transformers. Transformers will have to be removed, in order for us to install this modular wall system. Please confirm that the Commission will remove the transformer. Similarly, Detail B shows this system conflicting with the existing 31st Street exit ramp. Traffic control drawing (G3.3) shows that this road is to remain open at all times. Please provide plan/details/specs for a workable retaining wall system.

Answer 16:

The exact wall location will be adjusted in the field, if necessary, to prevent interference with the foundation, reinforcing and existing electrical ductbank.

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Question 17:

In response to Addendum #02 Change 18.B it indicates to delete "Versacor Plus" finish. No other finish was given. Unless indicated otherwise, FHP will be including a 2 coat manufacture standard kynar finish as our base bid.

Answer 17:

As per Specification 07412.2.1.D. Panel exterior finish shall have a premium high build coating for high corrosion resistance applications, consisting of a nominal 0.2 mil epoxy primer, nominal 2.7 mil epoxy barrier coat and a nominal 1.5 mil urethane exterior coat in manufacturer's standard color for that finish.

Question 18:

The specifications include Sections 02316 - Soil, Fill, Backfill & Construction & Demolition Debris Removal and 02317 - Special, Nonhazardous Special and Hazardous Waste Soil Removal and Disposal. These are very general specifications that are not site specific. Has the site been tested for these materials? If encountered, how will the contractor be paid for the removal of these materials, the specifications do not address payment for this work?

Answer 18:

Phase 1 site investigation was performed and no further testing was required. The Phase I did not indicate any contamination. Any contractor-requested testing of materials will be paid for by the Owner if the material cannot be used on the site. This material must be disposed of at a Subtitle-D landfill. See Site Work Allowance in Addendum 2 for payment structure.

Question 19:

Per your revised Addendum #2 Unit Price Bid Form, there are 11 items related to the underpass work. The excavation items have been removed from this bid form. Please clarify where the excavation bid items are to be accounted for the underpass.

Answer 19:

All items not detailed in unit price items are included in the Lump Sum remainder item #13.

Question 20 (PREVIOUS QUESTION IN ADDENDUM NO. 2):

The tree removals will generate hundreds of yards of clean, shredded chips. May those chips be used for mulching the tree protection areas?

Answer 20 (REVISED ANSWER):

Chips from tree removal are an acceptable material for temporary haul routes only. Mulch for under drip lines / tree protection areas is to be per specification 02900 Planting of Trees, Shrubs and Other Plant Material.

LIST OF ATTACHMENTS:

Revised Unit Price Bid Form, Addendum 3, March 30, 2010

Drawings C4.20D, 1 page (30"x42" format)

S4.05, 1 page (30"x42" format)

END OF ADDENDUM NO. 03

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UNIT PRICE BID FORM

Item No.	Description of Work	Unit(s)	Est. Qty.	Unit Price	Proposal
1	Precast concrete unit 24' arch, 10' high, 8' wide sections - Underpass	EA	6	\$	\$
2	Precast concrete unit 24' arch, 10' high, 6' wide sections – Underpass	EA	2	\$	\$
3	Concrete in footing – Underpass	L SUM			\$
4	Concrete in retaining walls – Underpass	L SUM			\$
5	Concrete in head walls – Underpass	L SUM			\$
6	Reinforcement Bars – Underpass	L SUM			\$
7	Driven piles HP12x53 – Underpass	LF	4,346	\$	\$
8	Architectural precast concrete cladding – Underpass	SF	3,466	\$	\$
9	Concrete cap, 1'-6" wide – Underpass	L SUM			\$
10	Combination Traffic and Bicycle Railing – Underpass	L SUM			\$
11	Waterproofing around precast concrete arch – Underpass	SF	4,200	\$	\$
12	Caissons—Garage	LF	4,550	\$	\$
13	Lump Sum Portion (Remainder of all contract scope not included in Unit Price items, above.				
14	Commission Contingency				\$2,000,000
15	Allowance Fund				\$500,000
16	TOTAL BASE BID	(Enter Total Base Bid on page 18, Line 1. of Award Criteria Formula)			\$
Alternate 1: Full-size Garage					
1	Caissons, Garage Extension	LF	300		\$
2	Steel H-piles, HP12x53, Garage Extension	LF	8,800		\$
3	Lump Sum Portion – Full-size Garage Alternate (remainder of items not included in Items 1 – 2)				
4	Total Alternate #1 (Line Items 1-3)				\$
Alternate 2: Provide alternate playground option					
					\$
Alternate 3: Provide landscaping maintenance/ warranty - one additional year.					
					\$

AWARD CRITERIA FIGURE (Basis of Award) \$ _____.

(See Section V. Proposal Support Document, page 19, line 15. of Award Criteria Figure)

REVISED UNIT PRICE BID FORM, ADDENDUM No. 3, MARCH 30, 2010