



CITY OF DULUTH
PURCHASING DIVISION
Room 100 City Hall
411 West First Street
Duluth, Minnesota 55802-1199
218/730-5340 218/730-5922 FAX
purchasing@duluthmn.gov

Addendum # 2

File # 16-0302

Project: Construction of Chambers Grove Park Improvements

This addendum serves to notify all bidders of the following changes to the solicitation documents:

The following documents prepared by LHB are added to and shall become a part of the bid documents for this project.

Please acknowledge receipt of this Addendum by initialing and dating Addendum #2 below the bid form on the invitation for bids.

Posted April 7, 2016.



**PERFORMANCE
DRIVEN DESIGN.**
LHBcorp.com

Addendum No. 02, April 7, 2016

Re: Chambers Grove Park Flood Recovery & Improvements Project
Client Project No.: 16-0302
LHB Project No.: 150589

To: All Plan Holders

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated March 24th, 2016, and Addendum No. 01, dated March 30th, 2016. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of 2 pages and the following attachments:

- Pre-Bid Meeting Attendance Sheet
- 02 4100 Demolition Specifications

Questions and Answers from Mandatory Pre-Bid Meeting (held April 5th, 2016):

- 2-1. Question: Has the subgrade material that the General Contractor is responsible for installing at the playground area been specified?
Response: Yes. Refer to Specification Section 31 2323, Fill, Paragraph 2.01, E for Drainage Fill.
- 2-2. Question: Is chainlink fencing required around the entire construction site?
Response: Fencing is included in Section 01 5000 Temporary Facilities and Control and may be used as a method for security and perimeter control but is not required for the entire site due to the size and remote setting of the site. The General Contractor is responsible for all security and control measures to provide for public safety and to protect the Work and existing facilities.
- 2-3. Question: What will the low bid be based upon?
Response: The low bid will be based upon the total of Base Bid 1 & Base Bid 2. Contractors are required to bid on all items.
- 2-4. What are the permits and inspections required for this project?
Response: Obtaining all permits will be the responsibility of the General Contractor unless otherwise noted. Permits and inspections for the project will include but is not limited to:
- MnDOT miscellaneous use permit to conduct work within the ROW
 - NPDES permit
 - City Erosion Control permit
 - City Building permit
 - City Shoreland permit (LHB to apply for)
 - City Utility Inspection
 - City Building Official Inspection
 - Structural Foundation/Footings, Concrete & Rebar Inspection
 - Electrical Conduit Inspection

Changes to Specifications:

- 2-3. Refer to Section 07 6100 – SHEET METAL ROOFING;
1. At Paragraph 1.06, add the following sub-paragraph.
C. Provide a five year manufacturer warranty for sheet metal roofing.
Warranty shall include the failure of watertightness seals.
 2. At Paragraph 2.03, insert the following sub-paragraph.
G. Panel width: Maximum panel coverage of 18 inches.

Product Approvals:

No materials or equipment will be allowed to be used unless it either 1) meets specified criteria and/or manufacturer or 2) has received prior approval as documented in an addendum. This includes all equipment furnished by subcontractors.

<u>Section/Par. No.</u>	<u>Specified Product</u>	<u>Proposed Substitution/Model</u>
26 51 10.2.02.D	Type A4-42 Luminaire	New Star VR Series
26 51 10.2.02.D	Type A4-42 Luminaire	LuminaireLED VPF 8 Series
26 51 10.2.02.D	Type XP1T3-SS20 Luminaire	Beacon Viper S Series

Changes to Drawings:

- 2-4. Refer to Sheet E8.01 – ELECTRICAL SCHEDULES;
1. At Lighting Fixture Schedule, change the following types:
XW1: Change to 3000K color temperature.

END OF ADDENDUM NO. 02

SECTION 02 41 00
DEMOLITION

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Building demolition
- B. Utility service disconnection
- C. Removal of debris
- D. Specific Twin Ports Testing Reports, detailing their findings for the subject building, is included by attachment to this specification.

1.02 RELATED REQUIREMENTS

- A. Section 00 31 00 - Available Project Information: Pre-Demolition Hazardous Waste
- B. Section 01 57 13 - Temporary Erosion and Sediment Control.
- C. Section 31 23 23 - Fill: Filling holes, pits, and excavations generated as a result of removal operations.

1.03 QUALITY ASSURANCE

- A. Conform to applicable code for demolition of structures, safety of adjacent structures, dust control, runoff control, and disposal.
- B. Conform to applicable code for procedures when hazardous or contaminated materials are discovered.
- C. Provide notification and obtain required permits from City of Duluth, and authorities having jurisdiction.

1.04 QUALIFICATIONS

- A. Demolition Firm: Company specializing in performing work of this section with minimum three-years of documented experience.

1.05 PROJECT CONDITIONS

- A. Owner assumes no responsibility for actual condition of buildings to be demolished.
- B. Pre-demolition surveys have been completed for asbestos and other hazardous materials. These are available for use by the Contractor.
- C. Notify Engineer upon discovery of hazardous materials.
- D. Do not sell demolished materials on-site.

PART 2 PRODUCTS -- NOT USED

PART 3 EXECUTION

3.01 PREPARATION

- A. Contractor shall visit the site so as to clearly understand the work specified.
- B. Contractor shall bear primary responsibility for locking up and/or closing all openings such that the vacated building(s)/premises (including contents) are protected and secured to the maximum extent possible until such time as razing operations begin.
- C. Contractor shall call Gopher State One-Call, 1-800-252-1166 for locating and marking of all utilities within the work area not less than three working days before performing work.
 - 1. Request underground utilities (public and private) to be located and marked within and surrounding construction areas.
- D. Contractor shall contact affected utility companies and the City of Duluth sufficiently in advance of any activities to coordinate utility disconnection requirements, meter removals, etc. Costs for all disconnections shall be included in Contractor's bid.

- E. All necessary notifications to appropriate agencies shall be made within 24 hours following Notice to Proceed. Work shall begin immediately following required agency mandatory notification/ wait periods or within two Business Days following notice to proceed should agency notification wait periods not be required.

3.02 SCOPE

- A. Perform hazardous materials removal and miscellaneous building contents removal and disposal.
- B. Remove the entire extent of building.
- C. Remove other incidental items whose removal is necessary to complete the work. Notify the Owner before removing any items.

3.03 GENERAL PROCEDURES AND PROJECT CONDITIONS

- A. This project will be inspected under the permit provisions by a City of Duluth Building Inspector and/ or an Owner inspection representative for compliance with contract provisions. Contractor shall notify Owner's Agent before commencing any demolition work.
- B. Contractor shall comply with all applicable federal, state, county and City of Duluth requirements (including City policies), statutes, codes and ordinances which affect this work. Owner/ Owner's Agent / City assumes no responsibility for the condition of existing buildings, structures, or other site features located on the premises during the bid period, nor does the Owner/ Owner's Agent / City warrant the continuing state of such structures/property throughout the bid period and thereafter.
- C. Contractor shall obtain and pay for all required permits and licenses. A razing permit is required for building demolition. Issuance of permits is administered by the Duluth Office of Construction Services and Inspections.
- D. In accordance with standard demolition practices, Contractor shall control dust resulting from the razing operations by sprinkling with water if necessary, and shall undertake such other measures as necessary to minimize risk, disruption, discomfort and/or corresponding impacts that could potentially result in, or cause damage (or danger) to, persons and/or adjacent property. Heavy equipment access shall typically occur from an alley or site driveway so as to avoid damage to public walks, curbs, boulevards, etc. Any resultant damages sustained to adjacent public or private property shall be satisfactorily repaired or replaced to prior conditions at Contractor's sole expense. Seasonal snow removal to facilitate demolition operations or access to the site shall also be Contractor's sole responsibility and cost.
- E. Use of explosives is not permitted.
- F. Take precautions to prevent catastrophic or uncontrolled collapse of structures to be removed; do not allow worker or public access within range of potential collapse of unstable structures.
- G. Conduct operations to minimize effects on and interference with adjacent structures and occupants.
- H. Do not close or obstruct roadways or sidewalks without permit.
- I. Conduct operations to minimize obstruction of public and private entrances and exits; do not obstruct required exits at any time; protect persons using entrances and exits from removal operations.
- J. Obtain written permission from owners of adjacent properties when demolition equipment will traverse, infringe upon or limit access to their property.
- K. Do not begin removal until receipt of notification to proceed from Owner.
- L. Protect existing structures and other elements that are not to be removed.
 - 1. Stop work immediately if adjacent structures appear to be in danger.
- M. If unexpected hazardous materials are discovered during removal operations, stop work and notify Engineer and Owner; hazardous materials include regulated asbestos containing materials, lead, PCB's, and mercury.

- N. Partial Removal of Paving: Neatly saw cut at right angle to surface.

3.04 SITE CLEARING

- A. Minimize production of dust due to clearing operations; do not use water if that will result in ice, flooding, sedimentation of public waterways or storm sewers, or other pollution.

3.05 EXISTING UTILITIES

- A. Coordinate work with utility companies and the City of Duluth; notify a minimum of one week before starting work and comply with their requirements; obtain required permits.
- B. Contractor shall call Gopher State One Call in MN, 1-800-252-1166 for locating and marking of all utilities within the work area prior to any excavation on the project site.
- C. Protect existing utilities to remain from damage.
- D. Do not disrupt public utilities without permit from the City of Duluth.
- E. Locate and mark utilities to remain; mark using highly visible tags or flags, with identification of utility type; protect from damage due to subsequent construction, using substantial barricades if necessary.
- F. Remove or abandon existing building utilities according to the City of Duluth and following requirements:
 - 1. Sanitary & Storm Sewer:
 - a. Contact City of Duluth Public Works and Utilities Division at 218-730-5105. All work must be performed under the supervision of a licensed plumber or licensed utility contractor. Obtain a razing permit from the City of Duluth. The existing line must be inspected by a building/plumbing inspector prior to disconnection.
 - b. Pipes - Remove all existing service pipe within 5-ft of the proposed building footprint and cap end of existing pipe to facilitate new service connection for the proposed building. Report elevation of existing service to Engineer and provide a temporary marker (painted 2x4 or similar) at capped end prior to backfill.
 - 2. Water Mains & Services:
 - a. Provide a minimum of one week's notice to Duluth Public Works and Utilities to schedule work. The City will remove meters.
 - b. Pipes - Remove all existing service pipe within 5-ft of the proposed building footprint and cap end of existing pipe to facilitate new service connection for the proposed building. Report elevation of existing service to Engineer and provide a temporary marker (painted 2x4 or similar) at capped end prior to backfill.
 - 3. Overhead Utilities
 - a. Power: Provide a minimum of one week's notice to Minnesota Power to schedule work. Minnesota Power will remove meters.

3.06 VEGETATION

- A. Do not remove or damage vegetation beyond the limits indicated on drawings.
- B. In areas where vegetation must be removed but no construction will occur other than previous paving, remove vegetation with minimum disturbance of the subsoil.
- C. Vegetation Removed: Do not burn, bury, landfill, or leave on site, except as indicated. All other vegetation cleared shall be removed from the site.
- D. Restoration: If vegetation outside removal limits or within specified protective fences is damaged or destroyed due to subsequent construction operations, replace at no cost to Owner.

3.07 EXISTING BUILT ELEMENTS

- A. Scope:
 - 1. Neat line sawcut and remove paving as required to accomplish new work.
 - 2. Remove other items indicated for salvage and relocation as indicated on drawings.
 - 3. Remove manholes and manhole covers, curb inlets and catch basins.

4. Fill excavations, open pits, and holes in ground areas generated as result of removals, using General fill; compact fill as required so that required rough grade elevations do not subside within one year after completion.
- B. Comply with applicable codes and regulations for demolition operations and safety of adjacent structures and the public.
 1. Obtain required permits.
 2. Provide, erect, and maintain temporary barriers and security devices.
 3. Conduct operations to minimize effects on, and interference with, adjacent structures and occupants.
 4. Do not close or obstruct public roadways or sidewalks without permit.
 5. Conduct operations to minimize obstruction of public and private entrances and exits; do not obstruct required exits at any time; protect persons using entrances and exits from removal operations.
- C. Do not begin removal until receipt of notification to proceed from Owner.
- D. Protect existing structures and other elements that are not to be removed.
- E. Perform demolition in a manner that maximizes salvage and recycling of materials.
- F. Partial Removal of Paving: Neatly sawcut at right angle to surface. Begin and end removal of concrete walks at existing expansion joint locations.
- G. Dispose of demolished bituminous, concrete and other materials off site in compliance with MPCA, MN DNR and local regulations for waste disposal.

3.08 DEMOLITION

- A. Demolition shall consist of complete removal of all structures and foundations including removal of exterior stoops, concrete slabs, etc., and all other site debris/ trash encountered within or upon the property.
- B. If demolition site is left unattended, Contractor shall provide and install temporary fencing, barricades, and/or cordon off high risk areas with warning tape sufficient to adequately warn and protect the safety of the public. It is Contractor's responsibility to provide a safe work site from the time the demolition work commences until the time all work is completed, including upon de-mobilizing from the site. All buildings and their contents are to be secured to prevent unauthorized access until removed.
- C. Break-up to allow drainage through (break up to piece size not larger than 5 sq.ft.) any concrete slabs which are more than 5' below finished grade unless indicated otherwise.
- D. Backfill of all basement areas, excavations, surface depressions and cavities shall be accomplished using environmentally clean, compacted, excess site soils; or general fill acceptable to the Owner.
 1. Curbs, concrete structures, vaults, walls, slabs, etc shall be removed as specified and all voids properly filled.
 2. All disturbed and filled areas shall be graded and raked smooth to provide final grades which will assure proper drainage.
 3. Fill materials that are frozen; contain debris or other foreign matter; or which include numerous rocks greater than 4 inches in any dimension; will be rejected.
 4. Remove and dispose of all excess backfill not used leaving the site in a safe, clean and sanitary condition free of debris, refuse, rubble or demolition residue.
- E. All filled and completed surfaces shall be uniformly spread, fine graded, shaped and gently contoured with quality fill material such that finished surfaces will direct and maintain surface runoff/drainage away from private property and existing buildings.
 1. Fill material shall be well graded material free of stones larger than 3 inches, noxious weeds, etc; and hand-raked throughout to smooth over any surface depressions, irregularities, equipment tracks, hollows, etc, to match surrounding grades. Fill material shall meet the requirements of Granular Fill (NFS).
 2. The site shall be graded to drain.

- F. All paved surfaces within right-of-way that are disturbed, damaged or removed during construction shall be replaced to match existing slopes and grades per MNDOT standards.
- G. Any resultant damages sustained to adjacent public or private property shall be satisfactorily repaired or replaced to prior conditions at Contractor's sole expense.

3.09 DEBRIS AND WASTE REMOVAL

- A. All demolition debris, garbage and residue shall be removed from the site and legally disposed of in accordance with all applicable federal, state, county and city laws, requirements, statutes, ordinances, and codes.
- B. Leave site in clean condition, ready for subsequent work.
- C. Clean up spillage and wind-blown debris from public and private lands.

END OF SECTION

Chambers Grove Park
Flood Recovery & Improvements Project
Pre-Bid Meeting, April 5th, 2016, 2pm

	Name	Company	Phone/Email
1.	Tim Horn	U&IT	218-348-8226 thorn@U&ITUSA.CO
2.	Bill Schnell	Bachand Electric	218-393-3260 Bill@BachandElec.com
3.	Ross Soukka	Four Star Const.	218-393-8965 ross@fourstarconstruction.com
4.	Joe Kutzler	Stack brothers	218-348-0636 Joe@stackbrosmechanical.com
5.	Rob Meseroll	Ulland Brothers	218-966-6684 rmeseroll@ulland.com
6.	DAVE FRANZEN	RAY RIIHILUOMA INC	218-590-4331 dave@riihiluoma.com
7.	David Greske	Stretar Masonry	Stretar@calita.com 218 393 8222
8.	Rick Johnson	Hunt Electric	628-3323 rjohnson@huntelec.com
9.	Dave Cich	CSI	701-651-6645 Cich Services at G Mac
10.	MIKE JOHNSON	NORTHLAND HCP	(218) 729-6505 (218) 348-0196 MIKE@NORTHLANDCOMFORT.COM
11.	Bill Daeda	NORTHLAND Heat Pool Plumb	729-6505 Bill@NorthlandCo
12.	Noc/Kokanski	KTM	218-729-1446 Noc/KTM Company Inc
13.	Low Houland	Houland inc	218 522 0315 lowhoulandinc.com
14.	Ryan Sista	Persons	612-232-3559 ryan.sista@personcorp.com
15.			
16.			