

### **Addendum #3**

PROJECT: Minneapolis Sculpture Garden Reconstruction at Parade Park  
BY: Tadd Kreun, FASLA  
Project Landscape Architect  
DATE: 7 March, 2016  
OWNER: Minneapolis Park and Recreation Board

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The additions, omissions, clarifications, and corrections herein shall be made to the Project Manual and Contract Plans and Specifications for the project, and shall be included in the scope of work and proposals to be submitted. References made to Plans shall be issued as a general guide only. Bidder shall determine the work affected by the Addendum items.

IT IS RECOMMEND THAT BIDDERS READ THE ENTIRE ADDENDUME #3 INCULDING RESPONSES TO QUESTIONS WHICH MAY INCLUDE CHANGES TO THE BID DOCUMENTS.

#### **CLARRIFICIATIONS AND RESPONSES TO QUESTIONS**

- Q:** Can you clarify if the above mentioned job requires bronze or ductile drain grates for the basins. There are about 90 drain basins which are in the sculpture garden that may be either bronze or ductile iron?

**Response:** The Contractor shall bid all drain grates as bronze but provide a unit cost for both the Nyloplast 12" square Bronze grate and the Nyloplast H-10 12" square ductile iron grate or approved equal.
- Q:** Page 4 of the addendum, item 18 on the earthwork and page 5, item 1 of the landscape both have the enhanced turf section soil, seed, and fabric. This is an alternate anyway, but which scope is it in?

**Response:** Contract Category 1.1 – Part B. Earthwork Scope Inclusions Add: "16. Contractor to furnish and install drain tile and geotextiles at Enhanced Turf Section (7/L5.0)."  
Contract Category 1.2 – Part B. Add: "16. Contractor to furnish and install enhanced turf soil and seed mix (7/L5.0)."
- Q:** Does the earthwork scope have the Type 5 rock that goes on top of the whole liner?

**Response:** Yes
- Q:** Does the earthwork scope only have the planting soil in the parking lot islands and everything else is in the landscape scope?

**Response:** All planting soil is by CC1.2 (landscape).
- Q:** Does the landscape scope have the class 5 base under the aggregate paths?

**Response:** All Class 5 base is by Earthwork C1.1

6. **Q:** I am looking at the driven and helical piles included in Contract Category 1.1. I have a question about the Site Structural drawings included in the drawings file 'MSG DRAWINGS BID SET\_r 2\_10\_16'. Page 11 of the 578 page Volume 1 PDF, page 00 01 15 – 2 of 3, references Site Structural drawings S9.0A and S9.1. However, included in the drawing bid set is only drawing S10.0. Can you please confirm that Site Structural drawings S9.0A and S9.1 are not part of the bid documents?

**Response:** Drawings S9.0A and S9.1 were replaced with drawing S10.0 in the bid documents. Any reference to S9.0A and S9.1 shall be changed to S10.0.

7. **Q:** Is the removal and palletizing of the granite part of the landscape work?

**Response:** Addendum #1 stated yes but was incorrect. Removal and palletizing of the granite is by CC1.1

8. **Q:** Our bonding company is looking for a more concrete answer regarding liquidated damages on the Minneapolis Sculpture Garden Reconstruction project.

**Response:** There is no Liquidated Damages clause utilized in this Contract. See the AIA 232 and Supplementary Conditions for the terms of the Contract applicable to the Contractors responsibility for progress and completion of the work.

9. **Q:** Is there an alternate #16

**Response:** No. Remove reference to Alternate No. 16 from the Bid Proposal Forms and throughout the bid documents.

10. **Q:** How will the layout of the project be handled between different contracts/contractors?

**Response:** Owner will contract with Sunde Land Surveying to establish and maintain control points for duration of project. Contractors are responsible for working off of these points and conducting their own layout. Any discrepancies should be brought to the attention of the Construction Manager. As the CM, Mortenson will coordinate and make sure all the subs are using the same control point. This applies to all contract categories.

11. **Q:** Item 10 & 14: From the drawing it looks like the existing granite is being replaced with new concrete stairs. Should the demo/salvage of the granite be in the demo scope and the new handrail with the rest of the site furnishings?

**Response:** Demolition and salvage of the granite stairs and handrails is by CC1.1. Placement of the concrete steps and installation of handrail is by CC1.3.

12. What DBA WD (construction type) classification will this project be subject to (Highway, Heavy, Building, or Residential)?

**Response:** See attached Wage Decision.

13. **Q:** The question I have is regarding plan sheets S9.0A and S9.1 listed on page 11 of the 578 page Volume 1 pdf. The project manual lists these pages as site structural foundation plans. However, they are not included in the bid drawing set 'MSG DRAWINGS BID SET\_r 2\_10\_16'. Have these been intentionally removed from the project documents?  
**Response:** Sheets S9.0A and S9.1 have been replaced with sheet S10.0.
14. The "Enhanced Turf Area 7/L5.0 that will be used for Seed Mix 1 is not identified on any plan. It looks like it is already defined as the "8 inch Planting soil" on L3.0  
**Response:** The "Enhanced Turf Areas" are Alternate #3 with the areas indicated with a hatch on sheets L6.0A and L6.1A. The base bid for these turf areas is the 6" of top soil and sod as indicated on sheets L3.0 and L3.1.
15. **Q:** With Site Furnishings, you have the Bike Racks as part of the base bid plan L4.0 & L4.0 or are the Bike Racks apart of the Alternate #2 with the Trash and Benches?  
**Response:** On L6.0A and L6.1A add bike racks to alternate #2. On L 4.0 and L4.1 note bike racks as part of Alternate #2.
16. **Q:** On the Soil Plan L3.1, should there be soil figured for the shrub bed planting at the north end of the existing parking lot off of Dunwoody?  
**Response:** Planting bed as shown on L2.1 north end of the existing parking lot of site shall be excavated and have 24" of planting soil placed.
17. **Q:** For spec section 32 92 50 – Fresh Meadow Planting, under the management section, is the initial maintenance that is part of the contract till substantial completion and then there is a separate proposal that is given to the MPRB for ongoing maintenance in 3 year periods?  
**Response:** Section 32 92 50, Part 3.7 MAINTENANCE states "During the first full growing season the contractor shall be responsible for maintenance services which include, but not limited to, weeding, spot spraying and cutting of volunteer plant species and re-seeding of any bare spots." Assuming a seeding date of fall of 2016, the first full growing season will be spring of 2017 to first freeze of fall 2017. Alternate #10 is a maintenance agreement is for a three year period beginning after the first full growing season.
18. **Q:** Is the site surveying for the restroom building under the site work bid package?  
**Response:** Control points will be established and maintained by Sunde Land Surveying. Surveying and layout of the restroom building is by CC3.1.
19. **Q:** Is the special testing by owner? The contract documents are unclear.  
**Response:** Special testing is by owner.
20. **Q:** Site Furnishings are deleted out of the project in addendum #1. Please clarify if this is incorrect.  
**Response:** Site furnishings are not deleted from the project. They are alternate #2.

21. **Q:** The new concrete site stairs and handrail along with the footings and foundations for the stairs are assumed to be by the concrete site package. If this is incorrect please clarify.  
**Response:** Placement of new concrete stairs and handrail are by CC1.3.
22. **Q:** The only place the alternates are clarified are on L6.0. Can you please send a written alternate clarification specification division?  
**Response:** See attached Section 01 23 00-Alternates.
23. **Q:** Alternate #2 calls for the removal of site furnishings. This has been assumed to be deleted out of the general construction bid package per addendum #1. Please clarify as question #3 describes previously. If the site furnishings are in the general construction bid scope (3.1) it is assumed that the concrete foundations and pads for these furnishings are still to remain in the base bid. Please clarify.  
**Response:** Concrete bases are base bid by CC3.1. Site furnishings, alternate #2, should be bid by CC3.1 as well.
24. **Q:** Alternate #7 speaks of a 3' sub cut in the conservatory and engineered fill to be replaced. Is this to be by the general construction bid package (3.1) or the site work bid package?  
**Response:** Refer to drawing modifications noted in addendum #3 which revise drawings A1.00, A2.00 and A4.20.
25. **Q:** Alternate #12 calls for a specialized pump enclosure. This enclosure is not specified under any bid package  
**Response:** Alternate #12 as shown on L5.4 is by CC3.1.
26. **Q:** Alternate 15 calls for sculpture barriers. Are these barriers meant to be by the general construction bid package (3.1)? Are the footings involved with these barriers meant to be by the general construction bid package (3.1) as well?  
**Response:** Alternate #15 is by CC3.1 including footings, excavation and barriers.
27. **Q:** What scope is to perform the Arborvitae Tree removal in the raised quad garden wall and with an air spade?  
**Response:** CC1.2
28. **Q:** What scope would perform the tree protection for the existing site trees?  
**Response:** CC1.1
29. **Q:** Is it possible to use rigid insulation foam board and plywood over the EPDM liner to perform work around and under the spoon island?  
**Response:** Contractor can use any means and methods necessary as to not damage new pond liner or Spoonbridge and Cherry sculpture. Work that takes place in close proximity to sculptures will be subject to review and approval by CM and Walker Art Center prior to work commencing.
30. **Q:** What scope is to perform the removal, storage and palletizing of the granite wall stone & granite 40"x40" pavers?

**Response:** Removal and palletizing of the granite pavers and stairs is by CC1.1. Granite will be stored on site in the parking lot and later reinstalled by CC1.2. Complete removal and salvage of west granite planter walls is by CC1.1.

31. **Q:** Is it possible to coordinate with the concrete contractor to perform landscape work in the quad areas, specifically to keep skid steer access to this area open?

**Response:** Yes, coordination with other trades is a requirement on this project.

32. **Q:** Who is responsible for further damage to quad walls after arb removal in case this happens?

**Response:** Damaged incurred by arb removal should be tracked and documented by CC1.2. Provide notification to Landscape Architect and Construction Manager to review extents of damage. Additional repairs outside the scope of work will be tracked and submitted for review by LA and CM. If all parties are in agreement a change order will be issued for the additional work.

33. **Q:** Alt #5 L6.0A – Who is to perform the stabilizer inside the conservatory?

**Response:** Stabilizer is for the aggregate paving and therefore the responsibility of CC1.2.

34. **Q:** Contract to assume there will be enough granite wall & 40x40" pieces to complete the job, what are the contingency if there isn't adequate stone to complete the job?

**Response:** There is an adequate amount of stone on site to complete the work. If additional stone is needed this will be evaluated by the Owner, CM and Landscape Architect with intent to issue a change order to purchase additional stone.

35. **Q:** Who is to perform the scope of transplanting the hawthorn trees? Excavation or Landscaper?

**Response:** Transplanting of trees is by CC1.2.

36. **Q:** Any options for VE suggestions to the owner?

**Response:** VE suggestions should have been submitted formally as a substitution request. See Section 01 25 00 Substitutions.

37. **Q:** Any chance to receive a formal bid form as to clarify specific scopes of work?

**Response:** The Bid Form Attachments are included in Section 00 41 00 – Bid Proposal Form. The contract category scopes of work are defined in Section 01 00 10 - Summary of Work.

38. **Q:** Is there ballast rock on top of the EPDM Liner throughout the Pond? If so, what kind and who is responsible?

**Response:** Ballast rock on top of EPDM Liner is Rock Mulch type 5 and is by CC1.1.

39. **Q:** L1.1 #26 – what scope is to perform the removal of the skateboard marks by sandblasting?

**Response:** CC1.3.

40. **Q:** Are the custom bike racks part of the site furnishings alternates or included in the base bid?

**Response:** On L6.0A an L6.1A add bike racks to alternate #2. On L 4.0 and L4.1 note bike racks as part of Alternate #2.

41. **Q:** Can we suggest a pre-fabricated bike rack in lieu of custom made?  
**Response:** A product substitution submittal was required 10 days prior to bid date opening.
42. **Q:** Can we assume the concrete ribbon/Beam 1/L5.3 around the pond is part of the concrete scope?  
**Response:** The concrete grade beam, excavation, draitile, waterproofing, EPDM liner and termination is by CC1.1. Refer to notes on 1/L5.3:
1. NA
  2. Slotted Holes in Edging, etc. – Edging by CC1.1
  3. Shop Drawings for Metal Edge and Fasteners – by CC1.1
  4. Liner Shop Drawings – by CC1.1
  5. Rock Mulch Type 5 over liner – By CC1.1
  6. Rock mulch type 2 – by CC1.2
43. Contract Category 1.1 – Part B. Earthwork Scope Inclusions Add: “16. Contractor to furnish and install drain tile and geotextiles at Enhanced Turf Section (7/L5.0).”
44. Contract Category 1.2 – Part B. Add: “16. Contractor to furnish and install enhanced turf soil and seed mix (7/L5.0).”
45. Contract Category 1.2 – Part B. Add: “17. Contractor to furnish and install rock mulch type 2, salvaged wall stone and protection board at Spoonbridge island per detail 3/L5.3. Coordinate rock mulch type 5 placement with CC1.1.”
46. Contract Category 1.1 – Part B Earthwork Scope Inclusions Add: “17. Contractor shall furnish and install Rock Mulch Type 5 at Spoonbridge island per detail 3/L5.3.”
47. Contract Category 1.2 – Part B. Add: “18. Granite pieces can be cut and thermal in lieu of splitting if preferred by contractor. If awarded, contractor shall provide formal submittal to Landscape Architect outlining this procedure.”
48. Contract Category 3.1 – Part B. Add: “4. Contractor shall furnish and install all parking lot signage and associated bases/footings.”
49. Contract Category 1.4 – Delete Contract Category CC1.4 from Summary of Work.
50. Contract Category 3.1 – Part A. Add “Section 32 12 00 – Flexible Paving.
51. Contract Category 3.1 – Part B. Add: “Contractor to furnish and install asphalt paving (base course and wear course) and striping as shown on the Contract Documents.”
52. Contract Category 3.1 – Part B. Add: “Contractor to furnish and install class five aggregate base below asphalt paving.”

## PROJECT MANUAL ITEMS

### **1. Section 00 41 00 – Bid Proposal Form**

- a. Bid Form Attachment for Contract Category 1.4 (CC1.4) Asphalt Paving: Delete.
- b. Bid Form Attachment for Contract Category 1.1 (CC1.1) Site Demolition / Earthwork / Utilities / Piles: Replace with attached.

### **2. Section 00 73 46 – Prevailing Wage Certificate**

- a. Insert attached Wage Decision after the Prevailing Wage Certificate.

### **3. Section 01 10 00-Summary of Work**

- a. CONTRACT CATEGORY 3.1 (CC3.1) – GENERAL CONSTRUCTION, B. CONSERVATORY: Revise 4. To read:
  4. Contractor must provide documentation demonstrating they have completed at least **one (1)** curtain wall restoration projects within the past five (5) years. Provide project list and corresponding references.
- b. CONTRACT CATEGORY 1.1 (CC1.1) – SITE DEMOLITION / EARTHWORK / UTILITIES / PILES, A. Specification Section: Modify to read:

Section 02 41 19 - Selective Demolition (as it pertains to scope of work).
- c. CONTRACT CATEGORY 3.1 (CC3.1) – GENERAL CONSTRUCTION, A. Specification Section: Add:

Section 02 41 19 - Selective Demolition (as it pertains to scope of work).

### **4. Section 01 23 00-Alternates**

- a. Replace Section in entirety with attached Section 01 23 00 - Alternates.

### **5. Section 02 41 19 – Selective Demolition**

- a. 1.8 QUALITY ASSURANCE: Revise B. To read:
  - B. Demolition contractor to demonstrate completion of a minimum of one (1) project demonstrating similar experience in the renovation of curtain wall systems.

### **6. Section 08 71 00-Finish Hardware**

- a. Revise Part 3.5.A HW SET: 01 “FUNCTION” to read:
  - i. “Latchbolt retracted only by lever inside for free passage. Outside access via card reader verification of identification card and activation of electric strike or by key override. Outside lever always inoperative. Upon power failure, door remains locked from the exterior and lever opens door from interior.”

## DRAWING SHEET ITEMS

### **1. Sheet L5.00: DETAILS**

- a. Detail 9/L5.0-change note specifying rock mulch type 2 to rock mulch type 3. Change add alternate reference from Alternate #9 to Alternate #8.

### **2. Sheet A1.00: CONSERVATORY DEMOLITION PLAN**

- a. **ADD** Demolition note #23 to read “base bid depicts 12” subcut in all areas to receive <STONE AGG-1> per details 1 and 2/A4.20. Per Alternate #7, provide pricing to subcut

to a depth of 3'-0" in all areas to receive <STONE AGG-1>. <STONE AGG-1> Depth to be 3" in both cases. Per Alternate #5, provide pricing for Stabilizer for all areas of <STONE AGG-1>.

**3. Sheet A2.00: CONSERVATORY FLOOR PLAN**

- a. **ADD** Note to 1/A2.00 to read: "base bid depicts 12" subcut in all areas to receive <STONE AGG-1> per details 1 and 2/A4.20. Per Alternate #7, provide pricing to subcut to a depth of 3'-0" in all areas to receive <STONE AGG-1>. <STONE AGG-1> Depth to be 3" in both cases. Per Alternate #5, provide pricing for Stabilizer for all areas of <STONE AGG-1>.

**4. Sheet A4.20: CONSERVATORY WALL SECTION**

- a. Detail 1/A4.20: **REVISE** subcut note on left side of detail to read "IN AREAS W/O GRADE BEAMS, MATCH SUB-BASE FOR <STONE AGG-1> TO THAT SHOWN IN DETAIL 2/L5.1".
- b. Detail 1/A4.20: **ADD NOTE**: ALTERNATE #7: PROVIDE 3'-0" SUBCUT (FROM FINISHED GRADE) IN LEIU OF 12" SUBCUT.
- c. Detail 2/A4.20: **REVISE** subcut note on left side of detail to read "IN AREAS W/O GRADE BEAMS, MATCH SUB-BASE FOR <STONE AGG-1> TO THAT SHOWN IN DETAIL 2/L5.1".
- d. Detail 2/A4.20: **ADD NOTE**: ALTERNATE #7: PROVIDE 3'-0" SUBCUT (FROM FINISHED GRADE) IN LEIU OF 12" SUBCUT.

**5. Sheet E2.0: ELECTRICAL PLAN ARA A**

- a. (East – West Axis from Conservatory ) – For Alternate #11, provide a single up-light fixture at each of the three art pieces on the north (Artist Moore, Segal and Schutte) and a single up-light fixture at each of the three art pieces on the south side (Artist Moore, Cragg and Smith).
  - i. Fixture shall be B-K Lighting DE-LED-X34-FL-BLP-9-10-11-B-POWER PIPE-HP2RM-S12-D29INC-B-MT. Fixture shall be branch circuited to electrical panel L2/22 and controlled by RCP-L2-15. Locations to be field coordinated.

**6. Sheet.E5.1:ELECTRICAL SCHEDULES**

- a. Main Cabinet C1 Schedule – Change circuit breaker amperage for Restroom Building to 200-amp

**ATTACHMENTS**

1. Bid Form Attachment for Contract Category 1.1 (CC1.1) Site Demolition / Earthwork / Utilities / Piles
2. Section 01 23 00 – Alternates
3. Wage Decision

**END OF ADDENDUM #3**

**BID FORM ATTACHMENT**

**CONTRACT CATEGORY 1.1 (CC1.1):**

**SITE DEMOLITION / EARTHWORK / UTILITIES / PILES**

Instructions: Bidder shall complete entire Bid Form Attachment for Contract Category with all related Alternates and Unit Prices. Bid Form Attachments not entirely completed may be rejected.

**BASE BID:**

Pursuant to the Contract Documents, Addenda, and Special Requirements the undersigned bidder hereby agrees to complete the Work as defined in the Contract Category identified below for the amount:

Contract Category 1.1 (CC 1.1):     SITE DEMOLITION / EARTHWORK / UTILITIES / PILES    

\$ \_\_\_\_\_  
[State amount using numeric figures. Numbers must be legible or bid may be rejected.]

**ALTERNATES:**

Each bidder is required to bid on all alternate proposals listed below.

**A. Submit bid for each Alternate listed below. State dollar amount of each Alternate to be added to, or deducted from, Base Bid Amount, or indicate no change in Base Bid Amount if acceptance of Alternate does not affect your proposal.**

1. Alternate descriptions are general only and are not intended to be a complete tabulation of Work which may be affected by the Alternate. Refer to various Sections of the Specifications, on the Drawings, or within the Work scope Descriptions for additional requirements.
2. Bidder shall carefully examine Contract Documents and determine exact extent of Work affected by the Alternate.
3. Alternate prices shall not increase by change in material prices, wage rates, or other escalatory factors. Alternate prices are "all inclusive", including labor, material, supervision, tools, equipment, taxes, overhead, profit, and other things necessary.

**B. Owner reserves right to reject Alternates, or to accept Alternates in any order or combination, and to determine the lowest responsible bidder on the basis of the sum of Base Bid and accepted Alternates.**

	ADDITIONAL COST	OR	DEDUCTION FROM BASE BID
ALTERNATE NO. : <u>  1A  </u>	\$ _____ [Use numeric figures]		\$ _____ [Use numeric figures]
ALTERNATE NO. : <u>  1B  </u>	\$ _____ [Use numeric figures]		\$ _____ [Use numeric figures]
ALTERNATE NO. : <u>  1C  </u>	\$ _____ [Use numeric figures]		\$ _____ [Use numeric figures]

**Minneapolis Sculpture Garden Reconstruction**

Minneapolis, Minnesota  
Commission Number: 2710.001

Minneapolis Park and Recreation Board

Bid Set  
February 10, 2016

- ALTERNATE NO. : 2 \$ \_\_\_\_\_ [Use numeric figures] \$ \_\_\_\_\_ [Use numeric figures]
- ALTERNATE NO. : 3 \$ \_\_\_\_\_ [Use numeric figures] \$ \_\_\_\_\_ [Use numeric figures]
- ALTERNATE NO. : 4 \$ \_\_\_\_\_ [Use numeric figures] \$ \_\_\_\_\_ [Use numeric figures]
- ALTERNATE NO. : 5 \$ \_\_\_\_\_ [Use numeric figures] \$ \_\_\_\_\_ [Use numeric figures]
- ALTERNATE NO. : 6 \$ \_\_\_\_\_ [Use numeric figures] \$ \_\_\_\_\_ [Use numeric figures]
- ALTERNATE NO. : 7 \$ \_\_\_\_\_ [Use numeric figures] \$ \_\_\_\_\_ [Use numeric figures]
- ALTERNATE NO. : 8 \$ \_\_\_\_\_ [Use numeric figures] \$ \_\_\_\_\_ [Use numeric figures]
- ALTERNATE NO. : 9 \$ \_\_\_\_\_ [Use numeric figures] \$ \_\_\_\_\_ [Use numeric figures]
- ALTERNATE NO. : 10 \$ \_\_\_\_\_ [Use numeric figures] \$ \_\_\_\_\_ [Use numeric figures]
- ALTERNATE NO. : 11 \$ \_\_\_\_\_ [Use numeric figures] \$ \_\_\_\_\_ [Use numeric figures]
- ALTERNATE NO. : 12 \$ \_\_\_\_\_ [Use numeric figures] \$ \_\_\_\_\_ [Use numeric figures]
- ALTERNATE NO. : 13 \$ \_\_\_\_\_ [Use numeric figures] \$ \_\_\_\_\_ [Use numeric figures]
- ALTERNATE NO. : 14 \$ \_\_\_\_\_ [Use numeric figures] \$ \_\_\_\_\_ [Use numeric figures]
- ALTERNATE NO. : 15 \$ \_\_\_\_\_ [Use numeric figures] \$ \_\_\_\_\_ [Use numeric figures]
- ALTERNATE NO. : 16 \$ \_\_\_\_\_ [Use numeric figures] \$ \_\_\_\_\_ [Use numeric figures]

**UNIT PRICES:**

- Unit Price No. 1-1a : LF of Pile \$ \_\_\_\_\_ per LF
- Unit Price No. 1-1b : Pipe Removal 8" – 24" Pipe \$ \_\_\_\_\_ per LF

**Minneapolis Sculpture Garden Reconstruction**

Minneapolis, Minnesota  
Commission Number: 2710.001

Minneapolis Park and Recreation Board

Bid Set

February 10, 2016

Unit Price No. 1-1c : Pipe Removal Larger than 24"	\$ _____ per LF
Unit Price No. 1-1d : Contaminated Soil Removal	\$ _____ per TON
Unit Price No. 1-1e : Sidewalk Removal	\$ _____ per SF
Unit Price No. 1-1f : Curb Removal	\$ _____ per LF
Unit Price No. 1-1g: Bituminous Pavement Removal	\$ _____ per SY
Unit Price No. 1-1h: Aggregate Base Class 5	\$ _____ per CY
Unit Price No. 1-1i: Common Excavation (CY)	\$ _____ per CY
Unit Price No. 1-1j: Bronze area drain grate	\$ _____ per each
Unit Price No. 1-1k: Ductile iron drain grate	\$ _____ per each

## SECTION 01 23 00 – ALTERNATES

### PART 1 - GENERAL

#### 01 CONDITIONS OF THE CONTRACT

The conditions set forth in the other Project Manual Divisions, the Construction Drawings, and related or included References are hereby made a part of this Section and apply to all work in this Section.

#### 02 SUMMARY

This section specifies administrative and procedural requirements for all accepted Alternates.

**Definition:** An Alternate is an amount proposed by Bidders and stated on the Bid Form or Contract Category Form for certain construction activities that may be **added** to or **deducted** from the Base Bid amount if the Owner decides to accept a corresponding change in either the amount of construction to be completed, or in the products, materials, equipment, systems or installation methods as described in the Contract Documents.

Alternate Acceptance:

- Acceptance of an Alternate will be made on the basis of the figure submitted in the Bid Proposal.
- All Alternates will be **accepted** or **rejected** by the Owner at time of Contract Award, or within 90 days of the Commencement of Work. Accepted alternates will become part of the Construction Contract.

Include as part of each Alternate any miscellaneous devices, accessory objects and similar items incidental to or required for a complete installation, even if not mentioned as part of the Alternate.

Coordinate related work and modify or adjust adjacent work as necessary to ensure that work affected by each accepted Alternate is complete and fully integrated into the project.

Immediately after the award of the Alternate, prepare and distribute to each party involved, notification of the status of each Alternate.

#### 03 OTHER REQUIREMENTS

All Bidders shall familiarize themselves with the Contract Documents in order to identify all work required for each Alternate in each Contract Category for which they are submitting a Bid. Bidder shall submit all costs for the work for each Alternate, or indicate NO CHANGE, on the Bid Form or Contract Category Form, in the space indicated for Alternates for all Alternates for each Contract Category for which they are submitting a Bid.

#### 04 ALTERNATE DESCRIPTIONS

##### Alternate #1: Cistern-

CC1.1	<p>#1A: Furnish and Install cistern, including all structural foundations and pile supports. Furnish and install underground stormwater piping as shown on drawings.</p> <p>60,000 gallon minimum storage volume water storage tank and appurtenances as shown on sheet C4.4. Alternate includes the removal and replacement of storm pipes as indicated on the plans, provide power, furnish and installation of pumps and appurtenances for irrigation supply. Contactor is to provide an engineered plan to support the tank on the soils indicated in the geotechnical report. Contractor to provide all structural foundations and pile supports as required. Tank shall be watertight and may be a single or multiple tanks plumbed in series to provide the necessary storage volume.</p>
CC1.1	<p>#1B: Furnish and Install cistern, including all structural foundations and pile supports. Furnish and install underground stormwater piping as shown on drawings.</p> <p>80,000 gallon minimum storage volume water storage tank in lieu of the 60,000 gallon storage. Contractor shall include minor revisions to the associated piping to account for the larger tank. Price in in addition to Add Alt A.</p>
CC1.1	<p>#1C: Furnish and Install cistern, including all structural foundations and pile supports. Furnish and install underground stormwater piping as shown on drawings.</p> <p>100,000 gallon minimum storage volume water storage tank in lieu of the 60,000 gallon storage. Contractor shall include minor revisions to the associated piping to account for the larger tank. Price is in addition to Add Alt A</p>

**Alt #2: Furnishings**-Benches, trash receptacles and bike racks are an alternate. The concrete base pads for the furnishings are base bid.

<b>CC3.1</b>	<b>Furnish and intall site furnishings as listed on L5.2. Furnishings include bench, bike racks, trash receptacles, and art barriers. Handrails are base bid. Park lot signage is base bid (furnished and installed by CC3.1)</b>
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**Alt #3: Enhanced Turf**-Provide as an alternate Enhanced turf in the 4 quads, the area immediately west of Spoonbridge and Cherry and the circular lawns in the fresh meadow is an alternate. See L6.0A L6.1A and 7/L5.0.

<b>CC1.1</b>	<b>Furnish and install draintile and geotextile.</b>
<b>CC1.2</b>	<b>Furnish and install enhanced turf soil and seed mix.</b>

**Alt #4: Enhanced concrete**- Provide thicker concrete section ILO typical 5" section. See 10/L5.1, L6.0A and L6.1A

<b>CC1.3</b>	<b>Furnish and install 7" concrete paving and reinforcing in lieu of 5" paving per detail 10/L5.1.</b>
<b>CC1.1</b>	<b>Furnish and install aggregate base - no change from base bid.</b>

**Alt #5: Stabilizer for walkways**-Provide stabilizer solution to crushed stone walkways and in the Conservatory as an alternate.

<b>CC1.2</b>	<b>Add stabilizer to aggregate walkways as shown on L6.0A and L6.1A.</b>
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**Alt #6: Colored Concrete**- ILO of standard concrete provide architectural colored concrete in areas indicated on drawing sheets L6.0A and L6.1A.

<b>CC1.3</b>	<b>Provide architectural colored concrete in lieu of gray concrete.</b>
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**Alt #7: Subcut**- Provide a 3' subcut and placement of engineered fill in the floor area of the conservatory.

<b>CC3.1</b>	<b>Provide 3' subcut and engineered fill at conservatory. Aggregate paving ('STONE-AGG-1') by CC1.2.</b>
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**Alt #8: Improvements along Lyndale**-Provide as an alternate the site improvements in the area paralleling Lyndale Avenue as shown on sheets 9/L5.0, L6.0A and L6.1A.

<b>CC1.2</b>	<b>Delete meadow mix from base bid and add Seed Mix Type 2 and associated Landscape Edging as shown on L6.0A and L6.1A.</b>
<b>CC1.2</b>	<b>Add trees and plantings as shown on L6.0A and L6.1A.</b>
<b>CC1.1</b>	<b>Remove existing trees (qty 30) along Lyndale as shown on L2.0 and L2.1.</b>
<b>CC1.1</b>	<b>Furnish and install geotextile and rock mulch as shown on 9/L5.0, L6.0A and L6.1A.</b>

**Alt #9: Enhanced Turf**- Provide as an alternate Enhanced turf for the lawn area east of Spoonbridge and Cherry and the area west of the Conservatory.

<b>CC1.1</b>	<b>Furnish and install draintile and geotextile.</b>
<b>CC1.2</b>	<b>Furnish and install enhanced turf soil and seed mix.</b>

**Alt #10: Fresh Meadow Maintenance Contract**- Provide as an alternate the 3 year extended maintenance contract as outlined in section 32 92 50.

<b>CC1.2</b>	<b>Provide extended maintenance contract.</b>
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**Alt #11: Additional sculpture lighting**- Provide as an alternate additional sculpture lighting as indicated on the electrical drawings.

<b>CC2.2</b>	<b>Provide additional light fixtures at select sculptures per the Contract Documents (refer to 4/L5.4). Conduit included in base bid.</b>
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**Alt #12: Pump Enclosure-** Provide well pump enclosure and associated footings as indicated in drawing 6/L5.4.

<b>CC3.1</b>	<b>Furnish and install pump house screen and associated footings per drawing L5.4.</b>
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**Alt #13: Bulbs-** Provide planting of all bulbs as an alternate.

**Alt #14: Selective Demolition for Greenhouse-**

<b>CC1.1</b>	<b>Provide selective demolition salvage of existing greenhouse. Greenhouse to be stored in adjacent parking lot and removed from the site by others. Provide photo documentation of greenhouse prior to demo.</b>
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**Alt #15: Art Fence-** Provide art fence and associated footings as an alternate.

<b>CC3.1</b>	<b>Furnish and install art fence and associated footings per detail 5/L5.2.</b>
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**PART 2 - MATERIALS**

Not Used

**PART 3 – EXECUTION**

Not Used

**END OF SECTION**

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General Decision Number: MN160096 01/08/2016 MN96

Superseded General Decision Number: MN20150096

State: Minnesota

Construction Type: Heavy  
Heavy including Water and Sewer Lines

County: Hennepin County in Minnesota.

HEAVY CONSTRUCTION PROJECTS (including sewer/water construction).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.15 for calendar year 2016 applies to all contracts subject to the Davis-Bacon Act for which the solicitation was issued on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.15 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2016. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Modification Number	Publication Date
0	01/08/2016

\* CARP0548-002 05/01/2015

	Rates	Fringes
CARPENTER (Including Form Work).....	\$ 35.85	17.78

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ELEC0292-024 05/01/2014

	Rates	Fringes
ELECTRICIAN.....	\$ 36.53	26.08

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ENGI0049-064 05/01/2015

	Rates	Fringes
OPERATOR: Power Equipment		
Group 2.....	\$ 33.78	17.90
Group 3.....	\$ 33.23	17.90
Group 4.....	\$ 32.93	17.90
Group 5.....	\$ 29.89	17.90
Group 6.....	\$ 28.68	17.90

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 2: Crane with over 135' Boom, excluding jib; Dragline & Hydraulic Backhoe with shovel-type controls, 3 cubic yards and over; Grader/Blade finishing earthwork and bituminous.

GROUP 3: Dragline & Hydraulic Backhoe with shovel-type controls up to 3 cubic yards; Loader 5 cu yd and over; Mechanic; Tandem Scraper; Truck Crane; Crawler Crane

GROUP 4: Bituminous Roller 8 tons & over; Crusher/Crushing Plant; Drill Rig; Elevating Grader; Loader over 1 cu yd; Grader; Pump; Scraper up to 32 cu yd; Farm Tractor with Backhoe attachment; Skid Steer Loader over 1 cu yd with Backhoe attachment; Bulldozer over 50 hp.

GROUP 5: Bituminous Roller under 8 tons; Bituminous Rubber Tire Roller; Loader up to 1 cu yd; Bulldozer 50 hp or less.

GROUP 6: Oiler; Self-Propelled Vibrating Packer 35 hp and over.

CRANE OVER 135' BOOM, EXCLUDING JIB - \$ .25 PREMIUM;  
CRANE OVER 200' BOOM, EXCLUDING JIB - \$ .50 PREMIUM

UNDERGROUND WORK:  
UNNELS, SHAFTS, ETC. - \$ .25 PREMIUM  
UNDER AIR PRESSURE - \$ .50 PREMIUM

HAZARDOUS WASTE PROJECTS (PPE Required):  
LEVEL A - \$1.25 PREMIUM  
LEVEL B - \$ .90 PREMIUM  
LEVEL C - \$ .60 PREMIUM

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IRON0512-041 05/01/2015

	Rates	Fringes
IRONWORKER, STRUCTURAL AND REINFORCING.....	\$ 35.50	23.45

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LABO0563-026 05/01/2014

	Rates	Fringes
LABORERS		
(1) Common or General Laborer; Top Person.....	\$ 27.77	16.52
(2) Mason Tender Cement/Concrete.....	\$ 27.97	16.52
(6) Pipe Layer.....	\$ 30.27	16.52

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LABO0563-047 05/01/2012

	Rates	Fringes
LABORER (LANDSCAPE).....	\$ 17.49	12.10

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PLAS0633-004 05/09/2012

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 32.80	17.00

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 PLUM0015-023 05/01/2015

	Rates	Fringes
PLUMBER.....	\$ 38.11	20.42

FOOTNOTE:

Paid Holiday: Labor Day

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 PLUM0539-017 05/01/2015

	Rates	Fringes
PIPEFITTER.....	\$ 37.72	24.49

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 TEAM0160-016 05/01/2015

	Rates	Fringes
TRUCK DRIVER (DUMP)		
(1) Articulated Dump Truck..	\$ 29.10	15.20
(2) 3 Axles/4 Axles; 5 Axles receive \$0.30 additional per hour.....	\$ 28.55	15.20
(3) Tandem Axles; & Single Axles.....	\$ 28.45	15.20

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 WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.  
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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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 The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or

"UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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#### WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can

be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION