Addendum #3  
File # 17-0445  
Harrison Park Improvements – Phase 1

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

Updates to the specifications and drawings are attached.

Please acknowledge receipt of this Addendum by initialing and dating Addendum #3 on the bid form.

Posted: July 10, 2017
ADDENDUM NUMBER 3

DATE: July 11, 2017  PROJECT: Harrison Park

PROJECT NO.  17-0445
OWNER: City of Duluth
LANDSCAPE ARCHITECT: SAS + Associates 219 West 1st St, Suite 350, Duluth, MN 55802
TO: Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated June 14, 2017

Acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may disqualify the Bidder.

This Addendum consists of 2 pages

CHANGES TO THE DRAWINGS

SHEETS L-6, DETAIL #8
Pedestrian light fixtures shall be either of the following –
- Sternberg - Prairie 1230LED
- Alerlux – DSQ9 LED Series
- Or pre-approved equal

SHEET L-6.1
Addition of new catch basin, pipe and drainage information.

ELECTRICAL
- Contractor shall remove all abandoned electrical equipment and wiring back to the source per code. Contractor shall remove all demoed direct-buried cable. Contractor shall remove all conductors if within conduit. The empty conduit can be abandoned in place.
- Contractor shall coordinate all electrical work within and outside of the Harrison recreation building with both the City of Duluth's parks and facilities management departments.
- All work shall comply with the City of Duluth standards and all governing codes and regulations.
- All conductors and equipment shall be sized for anticipated loads.
- Pedestrian light fixtures shall be one of the following -
  - Sternberg - Prairie 1230LED
  - Amerlux - DSQ9 LED series
- Dark bronze finish (pole and light fixture colors to match)
- Lenses - heavy-duty white acrylic
- Bi-level lighting
- Night sky louvers
- Lamp - LED, 2085lm 75+cri, 3000k, l70 70,000hr
- 120v, 30w
- UL-listed for wet locations

- Lights shall be wired on their own dedicated circuit within the community center building’s panelboard.
- Lights shall be controlled by an electronic button type photo cell and come on at 1.5 foot candles, and a turn-off at 2 – 3 foot candles.
- Lights shall be dimmable and light levels adjusted by a motion sensor located on each pole. The controller shall be programmable by the owner to adjust high and low light levels and time duration for each setting.

- Contractor shall submit product information for spec sheets for proposed lighting components, including all controllers, for review and approval prior to installation.

- Contractor shall submit a proposed on-line diagram and panel schedule showing all circuits, existing and proposed, for review and approval, prior to commencing work on the electrical system.
SITE CONSTRUCTION NOTES:

1. EXISTING PLANT FROM SITE SURVEY BY KRECH GUARD, DULUTH, MN. VERIFY EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE PROJECT MANAGER IMMEDIATELY.

2. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. CONTRACTOR AGREED TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE WHICH MAY BE CAUSED BY THE CONTRACTORS FAILURE TO LOCATE AND PROTECT ANY AND ALL UTILITIES. CALL COPPER STATE ONE AT 211 FOR UTILITY LOCATE MINIMUM OF 72 HOURS PRIOR TO ANY SITE WORK.

3. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTATION AND ON-GOING MAINTENANCE OF STORM WATER AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES ( BMP) AND COMPLIANCE WITH ALL STATE OF MINNESOTA AND CITY OF DULUTH EROSION AND SEDIMENT CONTROL REGULATIONS. THIS CONTRACTOR SHALL CONDUCT THEIR WORK IN A MANNER TO LIMIT EROSION AND TO PREVENT THE EROSION AND SEDIMENT CONTROL BMP MEASURES. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ANY RE-ESTABLISHMENT AND RESTORATION THAT MAY BE NECESSARY DUE TO THEIR FAILURE TO CONDUCT THEIR WORK IN A CAREFUL RESPONSIBLE MANNER.

4. PRIOR TO SEGMENT BMP'S SHALL BE IMPLEMENTED PRIOR TO THE START OF CONSTRUCTION ACTIVITY. STORM INLET PROTECTION SHALL BE MAINTAINED ON ALL STORM DRAINAGE STRUCTURES.

5. ALL EROSION AND SEDIMENT CONTROL BMP's shall remain in place and be maintained as operational units. PERMANENT VEGETATIVE COVER is established and all paving is complete. The general contractor shall be responsible for removing all erosion control protection items from the site at the completion of the project.

6. FENCE ALL PORTIONS OF THE PROJECT FOR SAFETY WITH A 4'-0" ORANGE SNOW FENCE. SIGN CONSTRUCTION AND BUILDING ENTRY DURING CONSTRUCTION.

7. PROTECT ALL TREES TO REMAIN PER DETAIL.

8. PROJECT EXISTING BASINS, POSTS, FOOTINGS, BUILDINGS, WALLS, ETC. THROUGHOUT CONSTRUCTION.

9. ALL GRASSES AND ELEVATIONS SHOWN ARE FINISHED GRASSES AND ELEVATIONS.

10. RESTORE ALL AREAS DISTURBED BY CONSTRUCTION TO THEIR PREVIOUS CONDITION.

11. CENTER OF TREE 4' FROM EDGE OF WALK. SEE L-6.

12. CENTER OF LIGHT BASE 2' FROM EDGE OF WALK. SEE L-6.

13. CENTER OF DRAINAGE SWALE 10' FROM EDGE OF WALK. 6" BELOW ELEVATION OF WALK. RUNNING SLOPE 2% MIN. (GENERALLY FOLLOW THE SLOPE OF THE WALK)

14. ALL GRADES AND ELEVATIONS SHOWN ARE FINISHED GRADES AND ELEVATIONS.

15. PERIMETER SEDIMENT BMP'S SHALL BE IMPLEMENTED PRIOR TO THE START OF CONSTRUCTION ACTIVITY. STORM INLET PROTECTION SHALL BE MAINTAINED ON ALL STORM DRAINAGE STRUCTURES.

16. ALL EROSION AND SEDIMENT CONTROL BMP's shall remain in place and be maintained as operational units. PERMANENT VEGETATIVE COVER is established and all paving is complete. The general contractor shall be responsible for removing all erosion control protection items from the site at the completion of the project.

17. ALL CEMENT SHALL BE A MINIMUM 4000 PSI WITH FIBERMESH REINFORCEMENT.

18. PROTECT ALL FENCING THAT MAY BE SALVAGED AND REUSED. PROPERLY DISPOSE OF ALL UNUSED FENCING MATERIALS.

19. CONTRACTOR TO OBTAIN CITY PERMITS AND APPROVALS PRIOR TO BEGINNING WORK.

20. CONTRACTOR SHALL COORDINATE CONSTRUCTION ENTRANCE AND STAGING AREA WITH THE CITY OF DULUTH PRIOR TO COMMENCING CONSTRUCTION.
SUMP DEPTH
10" MIN.
6" MIN ON 30" MINIMUM PIPE BURIAL
12" MIN.

THE BACKFILL MATERIAL SHALL BE CRUSHED STONE OR OTHER GRANULAR MATERIAL MEETING THE REQUIREMENTS OF CLASS I, CLASS II, OR CLASS III MATERIAL AS DEFINED IN ASTM D2321. BEDDING & BACKFILL FOR SURFACE DRAINAGE INLETS SHALL BE PLACED & COMPACTED UNIFORMLY IN ACCORDANCE WITH ASTM D2321.

INLET & OUTLET ADAPTERS FOR 12" CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL) CONNECT TO EXISTING DRAIN PIPE USING A WATER-TIGHT FITTING, FERNCO OR EQUAL.

WATERTIGHT JOINT (CORRUGATED HDPE SHOWN) INTEGRATED DUCTILE IRON FRAME & GRATE TO MATCH BASIN O.D.

TOPSOIL AND SOD PER SPEC.
INSTALL CATCH BASIN ALONG CENTERLINE OF SWALE.
NEW CATCH BASIN AND INLET INSTALLED ALONG CENTERLINE OF SWALE.

NOTE -- SEE DETAIL 1 ON THIS SHEET FOR MORE INFORMATION ABOUT MATERIALS AND INSTALLATION METHODS.