

June 8, 2020

Re: Doland Splash Park Project  
A7176

Bid Opening: Wednesday June 10, 2020  
2:00 pm Local Time

## ADDENDUM NUMBER 1

The following modifications are to be made to plans and specifications for the above referenced project.

### PRE-APPROVALS

Rain Drop Products: Splash features

### CIVIL SPECIFICATIONS

#### 1. SECTION 13 15 60 – SPLASH PARK EQUIPMENT

##### **Part 2.06 Filtration System, add**

J. Backwash valve shall be a Pentair multiport valve triton. Valve shall have efficient hi-flow multiport valve directs system operator through filter backwash, rinse, recirculate, closed and winterization functions.

##### **Part 2.09 Chlorine Feed System, add**

D. Chlorinator piping shall be a maximum size of 3". Pipe sizing shall be per manufacturer's recommendations.

##### **Part 2.11 Water Level Controller, revise following parts**

C. Valve shall be 1" Cla-Val Level controller, **124-01**, installed per the manufacturer's recommendations.

##### **Part 2.15 Valve, add**

C. See Section 40 05 51 for additional requirements. Valve body may be Schedule 80 PVC.

**Add the following Parts.**

Part 2.18 Pressure Relief Valve

- A. Pressure relief valve shall be a 2" NPT in size with 1/4" NPT Pressure Gauge Connection, PVC material, Viton Seals, hand adjustable valve relieves pressure from 5 to 75 psi. Flow rate of 40-125 gpm.

**2. SECTION 33 12 13 – WATER SERVICE CONNECTIONS, Part 2 Products, add:**

Part 2.06 Tracer Wire

- A. Tracer wire shall be installed with the water service pipe. Tracer wire shall be terminated at the corporation stop with a magnesium ground rod and ran up to the surface next to the building at the water service entry to be terminated by the Owner. Tracer wire shall be cooper clad steel 12-awg with minimum 30 mil HDPE insulation thickness.

**3. SECTION 33 31 00 – SANITARY SEWER PIPING AND FITTINGS, Part 2 Products, add:**

Part 2.13 Underdrain Pipe

- B. Underdrain Piping shall be perforated PVC SDR 35 with a geotextile sock suitable for the design application.

Part 2.14 Tracer Wire

- A. Tracer wire shall be installed with the sewer service pipe. Tracer wire shall be terminated at the existing manhole with a magnesium ground rod and ran up to the surface next to the building at the sewer service entry to be terminated by the Owner. Tracer wire shall be cooper clad steel 12-awg with minimum 30 mil HDPE insulation thickness.

**CIVIL PLANS**

Sheet 9 Splash Park Pump House Layout Plan, *clarification*

Water service to building is 1-1/2" not 2".

Sheet 10 Splash Park Pump House Elevation Plan, *add the following notes;*

**Note:** Sump pit shall be 30" Diameter as manufactured by Nylo-plast along with casting and pedestrian style lid w/ H-10 minimum rating. Water tank casting shall be industry standard castings and cover and will provide a minimum 24 inch clear opening for access. Manhole casting shall be 7" in height. All castings shall be ASTM A536, Grade 65-45-12 for ductile iron.

**Note:** Holding Tank Detail- Holding tank walls, lid and floor shall be reinforced with #5 bar grade 60, 12" O.C. both ways centered in the wall.

Water stop shall be cast into all joints between floor and walls. PVC Water stop shall be 6" in length with 6 ribs per side and 7/8" bulb minimum as manufactured by Durajoint waterstop.

Tank may be pre-cast or cast in place.

**ARCHITECTURAL SPECIFICATIONS**

No Change

**ARCHITECTURAL PLANS**

Sheet A6-1 Keynotes, revise/add

Add the following to Key notes 7.12, 7.20, 7.40, 7.42, 7.72, & 7.73: (Owner to furnish and Install)

*The above listed keynotes shall be completed by the Owner.*

**MECHANICAL AND ELECTRICAL SPECIFICATIONS**

SEE ATTACHED ADDENDUM

ALL OTHER ITEMS OF THE PLANS AND SPECIFICATIONS REMAIN UNCHANGED.

BY:   
PROJECT ENGINEER - HELMS AND ASSOCIATES



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FIRM NAME: \_\_\_\_\_ BY: \_\_\_\_\_

TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_

ATTACH THIS SIGNED ADDENDUM NUMBER 1 TO THE BID FORM WHEN SUBMITTING AND/OR ACKNOWLEDGE THE ADDENDUM ON THE BID FORM.

Addendum No. ME-1  
To Mechanical & Electrical Plans and Specifications:  
**Doland Pumphouse**  
**Doland, South Dakota**

Addendum Dated: June 8, 2020

Original Plans & Specifications Dated: May 5, 2020

SCOPE OF THIS ADDENDUM: The following becomes part of the original plans and specifications, taking precedence over the items that may conflict. The bidder shall note receipt and make acknowledgement of the addendum on the bid form, incorporating its provision in the bid.

PLAN AND SPECIFICATION CHANGES AND CLARIFICATIONS:

1. Specification Section 23 4000 – 2.12 Thermostatic Mixing Valve: Delete paragraph “A.” and replace with the following: Provide & install thermostatic mixing valve where shown on the drawings. Type, size, and performance shall be as tabulated in the schedule and on the drawings. Install per manufacturer’s requirements. Water to be stored at 140 deg F and tempered to 120 deg F.

APPROVED EQUALS:

The following list of equipment manufacturers shall be added to the approved equals listed on the plan sheet schedules and considered as approved equals subject to meeting all requirements of the plans and specifications – final acceptance subject to shop drawing approval.

1. Plumbing Fixtures: Gerber
2. Thermostatic Mixing Valves: Lawler

Mettler Sichmeller Engineering  
(605) 225-4344

Attachments: None