# Ivins City Staff Report
# City Council Meeting 8/1/2019

Agenda Item: Approval of purchase of concrete vault for Upper Shinava Pump Station

Submitted by: Charles R Gillette, P.E., Public Works Director and City Engineer

**Recommended City Council Action:**
**Approve expenditure of $12,000 for concrete vault for Upper Shinava Pump Station**

**BACKGROUND:**
Ivins City is being required to install a pump station on the upper end of the Taviawk Tank Zone due to low pressures. Most homes in the area are on individual boosters due to the low pressure, but state rules do not allow individual boosters. The City needs to place this order for the vault now with plans to install in September.

**FINDINGS AND ANALYSIS:**
This has been quoted by Geneva at $10,773.57. We ask that the approval include some amount for contingency since there is a pending change to the current design per comments given by Utah State Division of Drinking Water. We did ask for a competitive quote from Bang Concrete to consider a cast in place option. At the time of this report, Bang had not completed the quote. If their quote is less expensive, we will use them unless they are unable to meet our necessary time frame.

**SUPPORT MATERIALS:**
Quote

**FINANCIAL IMPACT:**
GL:51-4252.5: $12,000.00

Respectfully Submitted:

Charles Gillette, P.E., Public Works Director/City Engineer

Content Review:

Dale Coulam, City Manager

GENEVA DIDE

Geneva Pipe Company
Washington Plant
990 S 100 E
Washington, UT 84780
Phone: (435) 635-9255
Fax: (435) 635-9268

# Quote Number: 34611

**Quote Date:** 7/29/2019

Customer Copy

| | | | | | |
|---|---|---|---|---|---|
| **Bill to:** | IVINS CITY<br>55 NORTH MAIN STREET<br>IVINS, UT 84738 | | | **Project:** | Shinava Drive Booster Pump Vault<br>Ivins, UT |
| **Contact:** | DAN / DENA FESTIN | | | **Project Manager:** | |
| **Phone :** | (435) 635-4441 | **Fax:** | (435) 674-5486 | **Phone :** | **Fax:** |
| **Customer ID:** | IVI500 | **PO:** | | **ShipVia:** | **Sales Rep:** Kody Mangum |
| **Terms:** | NET 30 Days | | | **Bid Date:** | |

| Qty | Item | Description | Unit Price | TX | Extension |
|---|---|---|---|---|---|
| **Structure:** ☐ **Booster Pump Vau** | | **Station:** **CUSTOM BOX VAULT** | | | |
| 1 | CIR1180 | A-1180 RING NO NOTCH | | | |
| 1 | SPBL | Vault Lid 1 | | | |
| 1 | SPBB | Pump Vault Base | | | |
| 1 | CICW | COVER - WATER | | | |
| 3 | MASJT1.25 | 1 1/8in X 3/4in X 14 FT JOINT MASTIC | | | |
| 7 | RS12 | RUBBER STEP - 12" | | | |
| 2 | FREIGHT | FREIGHT (Oversize Load) | | | |
| 1 | CIMC | 12" x 12" Galvanized Grate & Frame (2-3 Week Lead Time) | | | |
| 1 | SPBL | Vault Lid 2 | | | |

Bid per design on provided plans sheet 4
Bid with 6" sump depth as alternate to proposed design.
Excludes Link Seal if required.
Vault weight approx. 50,000 lbs. Customer to offload & set
Lid to be fabricated in 2 equal sections
Pedestal to be CIP by others.
Customer to Sikaflex lid joints if required.
Excludes vent pipes and other piping required.

$10,773.57

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**Total Weight** 64,369

| | |
|---|---|
| **Taxable** | $0.00 |
| **Non-Taxable** | $10,773.57 |
| **Sub Total** | $10,773.57 |
| **Tax** | $0.00 |
| **Total** | $10,773.57 |

Prices quoted are firm for thirty days from bid date.

Buyer has read and understands the Geneva Pipe Terms of Sales.

All prices are quoted F.O.B. Jobsite. Material will be delivered only to locations that can be readily accessed by a loaded truck and trailer under its own power. Customer is to furnish labor and equipment to unload materials, unless seller notes otherwise. Should the truck remain on the jobsite for more than one hour the customer will be liable for a $120 charge billed in ten minute increments.

**Prices quoted are based on full truckload quantities. Products that must be delivered in less-than-truckload lots will be subject to an additional charge depending on the size of the lot and distance of the delivery.**

Items and quantities shown have been established by seller review of plans and specifications. All items and quantities are shown for buyers convenience only and the seller shall not be liable for any take-off errors or extension errors. If the seller has been given an incorrect number of units, it is agreed that the buyer shall pay the per unit price for the number of units actually delivered.

**Any special products ordered and/or produced, may be invoiced to the customer when ready for shipment.**

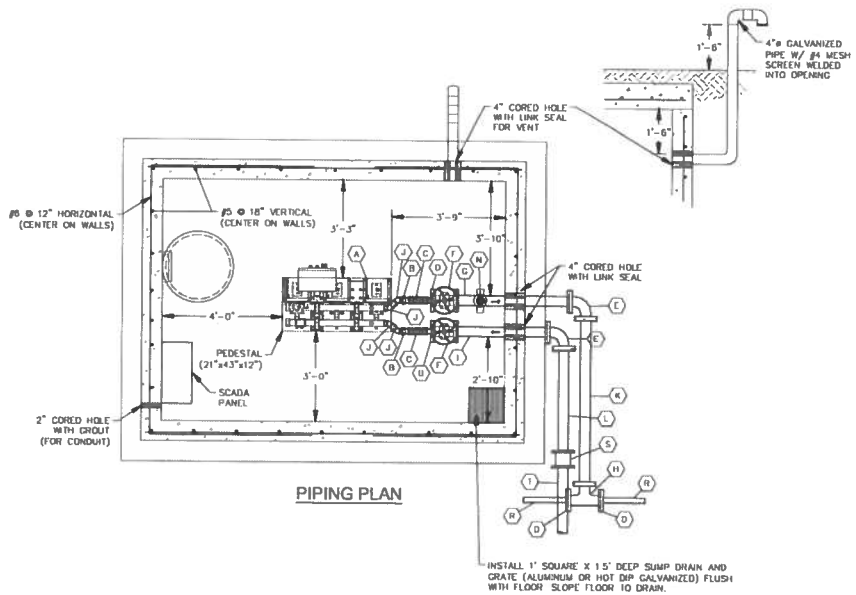
**Undamaged, standard products that are returned will be subject to a restocking fee of 20% of the invoice price. Freight costs for Geneva trucks to return products will be charged. Special order and custom produced products cannot be returned and are not eligible for a credi**

In the event of significant delay or price increase of material occurring during the performance of the contract through no fault of the Contractor, the contract sum, time of performance, and contract requirements shall be equitably adjusted by change order in accordance with the procedures of the contract documents. A change in price of an item of material shall be considered significant when the price of an item increases (An agreed upon percentage) percent between the contractual date and the date of installation.

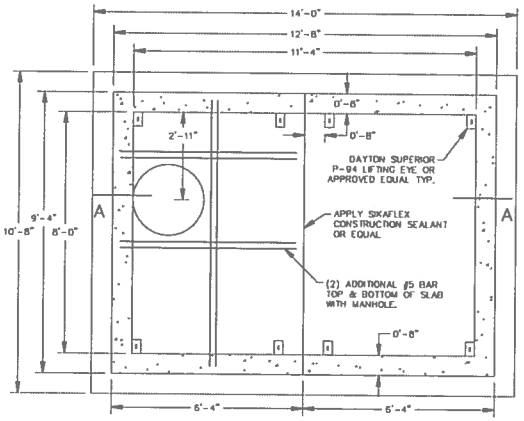
Thank you for allowing Geneva Pipe & Precast to serve you!

AFTER JOB IS AWARDED, A JOB INFORMATION SHEET IS REQUIRED BEFORE SHIPPING OF ANY PRODUCT.

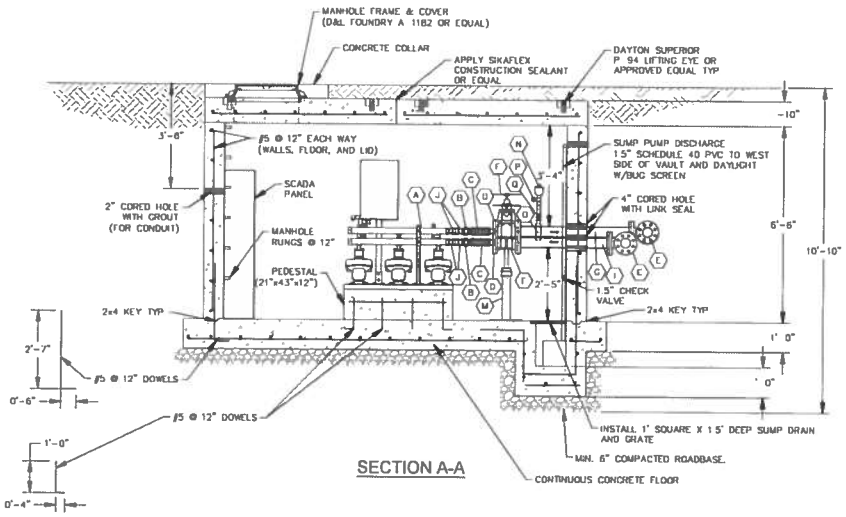
SUBMITTAL APPROVALS ARE REQUIRED BEFORE PRODUCTION CAN BE SCHEDULED FOR CUSTOM PRODUCTS AND PROCUREMENT OF STOCK ITEMS. SUBMITTAL APPROVAL MAY REQUIRE CHANGES TO QUOTED PRODUCTS AND RESULT IN ADDITONAL COSTS - TO BE COVERED BY THE CONTRACTOR




PIPING PLAN




PLAN VIEW




SECTION A-A

PIPING SCHEDULE

| MARK | QTY | CONN | SIZE | DESCRIPTION |
|---|---|---|---|---|
| A | 1 | – | – | HYDRO MULTI-E/E 3 CME5-4 GRUNDFOS SKID |
| B | 2 | THREAD | 2" | COUPLING |
| C | 2 | THREAD | 2" | 12" PROCO STYLE TTS-6201 SS BRAIDED FLEXIBLE CONNECTOR |
| D | 4 | FL | 4"X2" | THREADED FLANGE |
| E | 1 | FL | 4 | D.I. 90 DEGREE ELBOW |
| F | 2 | FL | 4" | GATE VALVE |
| G | 1 | FL | 4" | 3' 9" D.I. SPOOL |
| H | 1 | FL | 4"x4"x4" | TEE |
| I | 1 | FL | 4" | 3' 0" D.I. SPOOL |
| J | 4 | THREAD | 2" | S.S. THREADED 45 DEGREE ELBOWS |
| K | 1 | FL | 4" | 5' 8" D.I. SPOOL |
| L | 1 | FL | 4" | D.I. SPOOL (EXTEND TO CURB) |
| M | 2 | – | – | ADJUSTABLE PIPE SUPPORT |
| N | 1 | NPT | 2" | COMBO AIR VAC/RELEASE APCO 140C OR APPROVED EQUAL |
| O | 1 | NPT | 4" | STAINLESS STEEL DOUBLE BANDED 2" TAPPING SADDLE |
| P | 1 | NPT | 2" | BRASS BALL VALVE |
| Q | 1 | – | – | PRESSURE GUAGE |
| R | – | THREAD | 2" | MUNICIPEX PIPING AS NEEDED TO REACH CONNECTIONS. |
| S | 1 | – | 4" | ROMAC ALPHA COUPLING OR EQUAL |
| T | 1 | NPT | 4" | C900 PVC PIPE. (EXTEND TO MAIN) |

NOTE

ALL MATERIALS USED IN THE PIPING PLAN MUST BE NSF 61 APPROVED

REVISIONS

| NO. | DATE | BY | DESCRIPTION |
|---|---|---|---|


ALPHA ENGINEERING
43 South 100 East, Suite 100 • St George, Utah 84770
T: 435.628.0500 • F: 435.628.0553 • alphaengineering.com


# PUMP VAULT DETAILS

SHINAVA DRIVE BOOSTER PUMP STATION
CITY OF IVINS, UTAH

| | |
|---|---|
| PROJECT NO. | 463-64 |
| DESIGNED | TLB |
| DRAWN | TLB |
| CHECKED | TLB |
| DATE | APRIL 30, 2019 |
| SCALE | AS NOTED |
| SHEET | 4 of 4 |
| FILE | 463-64 DET.dwg |

P:\463-64 Ivins Shinava Drive Booster Pump Station\Drawings\Construction Drawings\463-64 DET.dwg, 6/18/2019 5:16:26 PM