HOUSE of REPRESENTATIVES

STATE OF MICHIGAN

Appropriations Requests for Legislatively Directed Spending Items

1. The sponsoring representative's first name:
   Jamie

2. The sponsoring representative's last name:
   Thompson

3. The cosponsoring representatives' names. All cosponsors must be listed. If none, please type 'n/a.' A signed letter from the sponsor approving the co-sponsorship and a signed letter from the member wishing to co-sponsor are required. Attach letters at question #9 below.
   N/A

4. Name of the entity that the spending item is intended for:
   Village of Estral Beach, Monroe County

5. Physical address of the entity that the spending item is intended for:
   7194 Lakeview Boulevard, Newport, MI. 48166

6. If there is not a specific recipient, the intended location of the project or activity:
   N/A

7. Name of the representative and the district number where the legislatively directed spending item is located:
   Representative Jamie Thompson

8. Purpose of the legislatively directed spending item. Please include how it provides a public benefit and why it is an appropriate use of taxpayer funding. Please also demonstrate that the item does not violate Article IV, S 30 of the Michigan Constitution.
   The Village of Estral Beach need to complete their Flood Protection Plan by completing projects critical to the support of the Village, including:
   -Work on the South End Storm Water Pump Station
   -Completing work on the Levees and Dikes

9. Attach documents here if needed:

Attachments added to the end of this file.

10. The amount of state funding requested for the legislatively directed spending item.
    1400000

11. Has the legislatively directed spending item previously received any of the following types of funding? Check all that apply.
    ["None"]

12. Please select one of the following groups that describes the entity requesting the legislatively directed spending item:
    Local unit government

13. For a non-profit organization, has the organization been operating within Michigan for the preceding 36 months?
    Not applicable

14. For a non-profit organization, has the entity had a physical office within Michigan for the preceding 12 months?
    Not applicable

15. For a non-profit organization, does the organization have a board of directors?
    Not applicable

16. For a non-profit organization, list all the active members on the organization's board of directors and any other officers. If this question is not applicable, please type 'n/a.'
    N/A

17. "I certify that neither the sponsoring representative nor the sponsoring representative's staff or immediate family has a direct or indirect pecuniary interest in the legislatively directed spending item."
    Yes, this is correct

18. Anticipated start and end dates for the legislatively directed spending item:
    Oct 1, 2025 – Sept 30, 2026 (FY 2026)

19. "I hereby certify that all information provided in this request is true and accurate."
    Yes

JETT
Pump & Valve, L.L.C.
4770 Pontiac Lake Rd.
Waterford, MI 48328
Phone: 248-673-2530
Fax: 248-673-2574
e-mail: sales@jettpump.com
web: www.jettpump.com

October 27th, 2022

Fred Borkowski
Village of Estral Beach
7194 Lakeview Blvd
Newport MI 48166

RE: Village of Estral Beach South End Stormwater Pump Station; 22B-10671A

Fred,

JETT Pump and Valve would like to thank The Village of Estral Beach for the opportunity to provide you with our proposal on the Storm Pump Station project. We value you as a customer and appreciate your business. As discussed, and per the station specifications provided in the bid packet, JETT Pump and Valve proposes the below:

Scope of Supply: Lift Station Equipment and Materials – INTERNALS ONLY

JETT Pump and Valve proposes the below equipment supply as-intended by specifications.

One (1) 42”x36” USF Aluminum Wet Well Access Hatch:
- Pedestrian Loading, Spring Assist and Hold-Open
- JETT to Supply to Concrete Caster with Offset Drawing

Two (2) WILO EMU FA Submersible Pumps:
- Duty Point: 650gpm@15’tdh
- 5.5hp, 1120rpms, 73% Efficiency
- 240v/3ph with 40’ Power Cable

Two (2) WILO Guide Rail Lift-Out Assemblies:
- 4” Stationary Base Elbow with Easy-Lift Pump Flange
- Duplex Pump Baseplate/Angle Frame Stand
- (2) 1.25” SS304 Sch40 Guide Rails, per Base
- 25’ Stainless Lifting Chain

Two (2) CLAVAL 585 Swing Check Valves:
- 4” Flanged Ductile Iron, Outside Lever and Weight

Two (2) ELITE Butterfly Valves:
- 4” Flanged Ductile Iron, Wafer with Locking Lever

One (1) Level Control Assembly:
- Level Control Mounting Hook Bracket
- (4) ANCHOR SCIENTIFIC Normally Open 40’ Floats
- Additional Float for Dike Flood Level, Pumps Off

One (1) OEC Duplex Control Panel, UL/cUL 508A:
- NEMA 4X Wall Mount Enclosure with Dead Front/Inner Door

- Alternator with Lead Selector Switch, Circuit Breaker Protection
- Pump Hand-Off-Auto Selector Switch, Pump Run Indicator Lights
- PMR1 Relays and Indication Lights for Seal and Temperature Fail
- Configured for Float Level Control Operation:
  - All Pumps Off
  - Lead Pump On
  - Both Pumps On
  - High Water Alarm
  - Redundant Off, Flood
- Alarm Horn and Light with Silence Pushbutton and Test-Off-Auto Switch
- Dry Auxiliary Contacts, Internal Space for Alarm/Monitoring System, by JETT or Others

LOT (X) Materials for Installation:

- 4" and 8" Ductile Iron Discharge Pipe:
  - (2) 4"x8" Reducing Elbows, (1) 8" Tee
  - 4" and 8" Lengths as Required for CONCRTE INTERNALS
  - ROMAC 4" Flange Adapters and 8" Coupling
- 4" STANDON Straddle-Type Supports:
  - (4) Saddle Supports and 20' of 2" SS Pipe, Cut-to-Fit
- Valve Vault Drain Line:
  - 2" PVC40 Drain Line, Elbows as Applicable
  - CLAVAL Duckbill Check Valve
- Stainless Steel Hardware:
  - Anchor Assemblies (Base, Brackets)
  - Flange Bolts, Nuts, Flat and Lock Washers
  - Corresponding Size Gaskets
- PVC Conduit from Control Panel to Wet Well:
  - Lengths, Sweeps, Couplers, Adapters as Needed
  - Distance no Greater Than 10'
- Service Pedestal for Control Panel:
  - 2" Galvanized Fence Posts with Caps
  - Unistrut, Anchors, Angle Brackets, Backer Plates
  - Bolts, Nuts, Washers, Low-Voltage Wiring

Storm Station Equipment: $ 51,510.93
Est. Freight: $ 1,350.00
TOTAL, EQUIPMENT SUPPLY: $ 52,860.93
"Phase 1"

Scope of Supply: Installation Labor

JETT Pump and Valve will install the above-listed equipment and materials in a concrete well and vault that has been provided by others. Ductile Iron Piping exterior of the well not located between the well and vault structures must be laid by excavation contractor. JETT Pump will couple our discharge piping with the ductile that has been stubbed into the concrete structure by others.

LOT (X) Regular Service Labor for Installation:

- JETT Pump will provide the appropriate number of technicians to complete the job correctly, safely, & efficiently under MIOSHA Confined Space Procedure.
- Wet Well Labor:
  - JETT Pump will enter the pump well to secure the upper guide rail mounting bracket to the base of the hatch, anchor the pump bases to the floor of the wet well, and install the guide rail plumb between the two.
  - JETT Pump will secure the ductile iron flanges to the discharges of the base elbows,

transition to horizontal with flanged elbows, and utilize a ROMAC adapter coupling to transition to the ductile between the two concrete structures.
    - JETT Pump will complete the pipe train between the concrete well and vault, given the distance between the well and vault is no greater than 10'.
    - JETT Pump will anchor the 6-Hook Float Bracket out of incoming turbulence within the well and set the level controls as indicated in the plan set documents.
    - JETT will set the pumps on their bases with the lifting chains.
- Valve Vault Labor:
    - JETT Pump and Valve will assemble and secure a 2" PVC40 Drain Line with Duckbill Check Valve to ensure one-way flow into Wet Well from Valve Vault.
    - JETT Pump will secure the 4" pipe straddle support bases to the floor of the valve vault, with corresponding cut-to-size 2" Stainless Pipe Support Rail.
    - JETT Pump will attach a flange from the stubbed spool piece to the flange end of a Check Valve and follow with the Butterfly Isolation Valve on both parallel discharges.
    - JETT Pump will complete the pipe train with Reducing Elbows and 8" Tee, to be secured to single 8" pipe stubbed by others with a ROMAC Flange.
- Electrical Labor:
    - JETT Pump will erect a panel pedestal within 10' of the station using 2" Galvanized Posts and Caps, Unistrut, and the appropriate mounting hardware.
    - JETT Pump will run the conduit from the wet well to the panel location. Conduit holes to be cored by others.
    - JETT Pump will complete conduit connections between the wet well and panel pedestal and run level controls with pump power cords through it. JETT Pump will terminate all corresponding low-voltage wiring into the panel and test the station.

One (1) Day of Start-Up Assistance and Operator Training:

- JETT Pump will test and run the station to ensure that it is operating properly.
    - Measure Motor Operating Amperage Load with No Load Amperage
    - Preform Shut Off Head Test and Draw-Down Flow Test
    - Check Level Control Operation, Sequence, and Alarm call out of Telemetry
    - Open and Close the Valves to ensure proper operation
    - Inspect All Rotating Equipment to Ensure it is Properly Lubricated
    - Check Rotation of All Motors
    - Check All Controls to Determine Proper Operation
    - Field Test All Pumps to Determine Capacity
    - All Malfunctions shall be reported to Owner

Installation Labor: $ 11,557.50
Confined Space Entry Fee: $ 975.00
Start-Up Assistance: $ 920.00
TOTAL, INSTALLATION LABOR: $ 13,452.50
"Phase 2"

GRAND TOTAL, SUPPLY & INSTALL: $ 66,313.43

Optional Supply: Sensaphone Sentinel Monitoring System

One (1) Sensaphone Sentinel Remote Monitoring Unit:

- AT&T or Verizon Cellular Modem, 12 Status Conditions, Battery Backup
- Unlimited Name/Number/Email Contact Inputs for Alarms
- Subscription Included for One (1) Year, to be renewed by customer annually

Equipment and Materials: $ 3,188.65
Congruent Labor: $ 690.00
TOTAL, STATION MONITORING: $ 3,878.65
Optional Add for Remote Monitoring

Clarifications:

- **This proposal has been revised to reflect project phasing as discussed with owner.**
- **JETT Pump has quoted based on the assumption the wet well depth is no greater than 15'. Piping Material was not identified in the bid documents – JETT has quoted ductile based on joint drawings. PVC80 is available for a deduct.**
- **Sign as specified is provided by others.**
- **This proposal is based off our interpretation of provided information. Confirmation of equipment selection is through the submittal process. Any changes to the above-proposed supply may require a change order.**
- **Submittals will take approximately 2-4 weeks upon receipt of PO or letter of intent. Control panel information will not be available without a formal PO. Cancellation fees may apply.**
- **Start-Up must be scheduled at least 2 weeks in advance to ensure a slot on schedule. Payment in full is required for start-up. Station must be dewatered and free of debris for start-up to be performed.**
- **"Hardware for Install" includes, but is not limited to, flanges, gaskets, bolts, nuts, washers, low-voltage wiring.**
- **Installation materials are typically marked with "LOT" and are only viable with JETT Pump Installation. If JETT Pump is not preforming the installation, the materials pricing will be deducted from total cost.**
- **JETT is requesting the power to the station be 240v, 3ph. If this is not the case, the project electrician or general contractor must notify JETT, and price may change accordingly. The power must be confirmed before JETT accepts a purchase order.**
- **All permits are by others. All excavation and concrete work is by others.**
- **JETT is assuming the horizontal discharge piping outside the station is Ductile Iron, and that we will be able to secure a flange to the piping stubbed into the station and attach to the tee of the vertical discharge. If this is not the case, please notify JETT ASAP.**
- **Our final terminations will be within the walls of the wet well. All hole coring and sealing should be done by the precast wet well supplier.**
- **Vehicular access for a 1-ton, 2-wheel drive truck must be present onsite. JETT reserves the right to refuse service if the appropriate pathway is not made.**
- **No demolition, to place conduit or otherwise, is included in this proposal. If demolition is required, further labor charges may be incurred.**
- If this project has been identified as a 'confined space' and there are hazards that cannot be mitigated resulting in a 'permit required confined space', we will need to stop work and return later once the hazards have been addressed and removed by others or with additional crew and equipment to perform the work safety. If we are required to return to site, additional charges will be incurred. These hazards include but are not limited to; valves that will not isolate, residual sludge materials, not controllable electrical disconnects.
- If this project, it deemed 'permit required confined space' local rescue authorities will be contacted to advise them of the entry and JETT Pump will follow local procedures for entry. If the local authority is not able to provide confined space rescue, if necessary, then this project will be requoted to include a third-party rescue team and scheduling may be postponed.
- **The licensed project electrician is responsible for connecting the power supply from the load center to the station. The license project electrician is also responsible for ensuring that the connection is appropriately sized.**
- *JETT* Pump & Valve, L.L.C., upon approval of the proposal, may install the control panel or VFD, the conduit to the wet well, and make proper connections to the level controls ***IF*** required by this proposal, **however, all electrical permits and other servicing must be done by others.** *JETT* Pump & Valve, L.L.C. can work closely with the electrician on-site to ensure proper installation.

- **Delivery will be determined at the time of order for longest lead time item. Project timelines or any deadlines must be advised ARO. Expedite fees for premium service rates are not included in this proposal. JETT Pump is not responsible for delays of shipments due to availability of material.**
- Sensaphone subscriptions are invoiced annually from date of install. Subscription rates are subject to change.
- Sensaphone can monitor pump runs, pump fails, and high water alarm in a typical control panel. If additional monitoring points are desired, it may require additional installation of other components that have not been included in this proposal and a requote may be required.
- The owner shall provide a list of contacts that they would like to receive Sensaphone alarms. These users will be able to access the conditions of the station remotely on the Sensaphone website and may also get phone calls, text messages, or emailed alarm messages.
- JETT Pump & Valve will not automatically respond to or acknowledge Sensaphone alarms on behalf of the customer unless an agreement is established.
- Service charges where JETT Pump's services are commissioned for any alarms from the Sensaphone are not included in this proposal or in the subscription.
- Installation of a Sensaphone remote monitoring unit does not warranty or guarantee that the lift station will operate without issue; it is a means of being alerted to issues at a lift station like pump run time discrepancies, pump failures, and high water alarms.
- Terms are NET 30 days from date of invoice. Pay when paid will not be accepted.
- Currently Jett Pump does accept all form of credit cards for payment. A 3% fee will be assessed against the total amount charged. It would be in addition to any amount quoted unless otherwise stated on proposal and or contracts.
- *JETT* Pump & Valve, L.L.C. withholds the right to add additional charges if our terms of payment, as stated above, are not met. Charges will be made at a rate of 1.5% of the unpaid balance from date of invoice. Jobs are invoiced at date of start-up.
- All work will be done in a timely and professional manner. If any problems or concerns arise an advising call, fax, or email will be sent.
- Taxes have been excluded from this proposal. Freight is an estimate and is subject to change.
- This proposal will be good for 45 days from date of bid. This proposal is subject to the Terms & Conditions set forth by *JETT* Pump & Valve LLC.
- "As specified" is based on our interpretation of plans. We ask for field measurements and other verification (quantities, descriptions, etc.) which are to be confirmed by others.
- Any additional time, or return trips, to finish the installation, start-up, and/or commissioning will be charged at our current hourly rate, to include drive time.
- A signed and dated copy of this proposal and/ or purchase order as well as an indication of your decision regarding the options above will be used to begin a project with us.
- We have assumed that the wet wells and valve vaults will be clean, debris free, dewatered, and ready for complete installation. If not, additional labor will be charged at our standard hourly rate until the chambers are prepped for installation.

We look forward to the opportunity in working with you in the execution of this and many future projects. If you have any questions or need additional information regarding this proposal, please feel welcome to contact us.

Sincerely,
JETT Pump and Valve
Jennifer Greene

Customer Signature/ Date of Acceptance: _____

RE: Village of Estral Beach South End Stormwater Pump Station; 22B-10671A

Estral Beach Dike Repair

OPINION OF PROBABLE CONSTRUCTION COST - FINAL DESIGN

SG PROJ. NO.: 12929.000

26-Mar-21

Item Description	Unit	Unit Price	Quantity	Total
North Dike				
Mobilization, Permits, Misc. (~10% of Cost)				$ 15,000.00
Sheet Pile (10' X 400 LF)	SF	$30	4000.00	$ 120,000.00
Seeding and Restoration	SF	$2	2250.00	$ 4,500.00
Embankment (Backfill 2' deep)	CY	$20	333.33	$ 6,666.67
Geotextile Fabric	SF	$2	2000.00	$ 4,000.00
Riprap (MDOT Plain)	SY	$60	277.78	$ 16,666.67
				$ 166,833.33
West Dike				
Mobilization, Permits, Misc. (~10% of Cost)				$ 6,200.00
Sheet Pile (10' X 200 LF)	SF	$30	2000.00	$ 60,000.00
Seeding and Restoration	SF	$2	1000.00	$ 2,000.00
				$ 68,200.00
South Dike				
Mobilization, Permits, Misc. (~10% of Cost)				$ 14,000.00
Sheet Pile (10' X 450 LF)	SF	$30	4500.00	$ 135,000.00
Seeding and Restoration	SF	$2	2250.00	$ 4,500.00
				$ 153,500.00
Pump House Retaining Wall				
Mobilization, Permits, Misc. (~10% of Cost)				$ 3,500.00
Remove existing retaining wall	LS	$1,000	1.00	$ 1,000.00
Remove and replace pipes, wood platform	LS	$10,000	1.00	$ 10,000.00
Sheet Pile Retaining Wall (18' X 40 LF)	SF	$30	720.00	$ 21,600.00
Seeding and Restoration (320 SF)	SF	$2	320.00	$ 640.00
Embankment (Backfill)	CY	$20	23.70	$ 474.07
				$ 37,214.07
			Total Project Construction Budget	**$425,747**