

Request for Decision

Title	Contract Award - Bridge File 08369 (Bridge Culvert Replacement on Range Road 251 North of Highway 642)
Proposed Motion	That Council award the contract for Bridge File 08369, Bridge Culvert Replacement on Range Road 251 North of Highway 642 and other work tender (2023-066), to Avid Energy Services Inc. at contract price of \$618,402.65 (excluding GST) and authorize the Chief Administrative Officer to execute the contract.
Administrative Recommendation	Administration recommends that Council award the contract for Bridge Culvert Replacement of Bridge File 08369 tender (2023-066) to Avid Energy Services Inc., as the lowest compliant bidder.
Previous Council / Committee Direction	<u>December 13, 2022 Regular Council Meeting</u> Motion 482/22: That Council approve the 2023-2025 Capital Budgets in the amounts of \$35,701,907 for 2023, \$42,114,975 for 2024, and \$38,639,232 for 2025 as referenced in Attachment 3: Capital Funding and Project Listing.
Report	<u>Background Information</u> <ul style="list-style-type: none"> Candidates for bridge rehabilitation are identified by an annual inspection program that identifies repairs to extend the services life of the bridge structures managed by the County. The existing structure of BF 08369 carries Range Road 251 over Little Egg Creek and is a 3734mm x 2286mm arched Structural Plate Corrugated Steel Pipe (SPCSP) that is 34.3m in length. The existing Bridge Culvert was installed in 1964 (59 years old), and the expected service life for this type of structure is typically 45-50 years. This structure is nearing the end of its practical service life and is scheduled for replacement in 2023. Hydraulic assessment has determined that the replacement structure requires an increase in capacity, requiring a larger structure than what currently exists. The Latest BIM inspection was completed on March 7, 2022. The culvert barrel general had a rating of 3 (poor); with rusting and pitting on the floor, and cracking and corrosion on various components.

- A 1-4610mm SPCSP x 34.2m length culvert is recommended and would flow with 0.59m of freeboard during the design flow. The inlet and outlet velocities for this structure are within the Class 1 rock riprap armour range. The headwater created by this option is 1.71m lower than the headwater elevation created by the existing culvert during the design flow.
- This Bridge Culvert replacement Scope of Work includes, but is not limited to, the following:
 - Bridge Culvert Installation of 1 – 4610mm Structural Plate Corrugated Steel Pipe (SPCSP);
 - Traffic accommodation;
 - Site isolation and turbidity monitoring;
 - Fish capture and release;
 - Demolition and disposal of bridge structures;
 - Excavation, including geotextile filter fabric;
 - Assembly of culvert materials;
 - Backfill, including backfill material testing;
 - Heavy rock riprap (Class 1) erosion protection;
 - Permanent environmental protection devices;
 - Roadway work; and
 - Erosion and Sediment control devices.
- The BF 08369 replacement project requires all work to be completed prior to October 15, 2023.

External Communication

- The construction Request for Tender (“RFT”) for the Bridge Replacement Contract was posted on Bids and Tenders and Alberta Purchasing Connection (“APC”) on March 24, 2023 and closed on April 13, 2023.
- Seven (7) tender submissions ranging from \$618,402.65 to \$916,055.00 were reviewed and assessed in accordance with standard practice before making the recommendation to award to the lowest compliant bidder.

Relevant Policy/Legislation/Practices

Procurement Policy

- Invitation to Tender is identified as the acceptable method of procurement for construction contracts and other high value procurements.
- Sturgeon County’s standard for communicating competitive procurement opportunities is through the APC.
- The Chief Administrative Officer is designated with approval authority for procurements of \$500,000 and above.

Implication of Administrative Recommendation	<p><u>Strategic Alignment:</u></p> <p>Planned Growth – The awarding of this contract is consistent with the provision of <i>Reliable and effective infrastructure</i>.</p> <p>Operational Excellence – The awarding of this contract is consistent with the delivery of <i>Quality cost-effective service delivery; asset management and performance measurement</i>.</p> <p><u>Organizational:</u></p> <ul style="list-style-type: none"> The awarding of this contract will ensure that this bridge structure will remain safe and open to traffic for County residents. <p><u>Financial</u></p> <table> <tr> <td colspan="2">Estimated Costs (Based on the Tender Estimate)</td></tr> <tr> <td>Estimated Construction (Less Site Occ / GST)</td><td>\$573,402.65</td></tr> <tr> <td>Estimated Contingency (4%)</td><td>\$24,170.35</td></tr> <tr> <td>Estimated Engineering</td><td>\$90,000.00</td></tr> <tr> <td>Estimated Land / Other</td><td>\$7,500.00</td></tr> <tr> <td>Total Funding Requirement</td><td>\$ 695,073.00</td></tr> <tr> <td colspan="2"> Budget</td></tr> <tr> <td>Budget (23-BR-01), (21-BR-08)</td><td>\$ 695,073.00</td></tr> </table>	Estimated Costs (Based on the Tender Estimate)		Estimated Construction (Less Site Occ / GST)	\$573,402.65	Estimated Contingency (4%)	\$24,170.35	Estimated Engineering	\$90,000.00	Estimated Land / Other	\$7,500.00	Total Funding Requirement	\$ 695,073.00	 Budget		Budget (23-BR-01), (21-BR-08)	\$ 695,073.00
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Alternatives Considered	<p>Council could decide not to award the contract at this time.</p>																
Implications of Alternatives	<p><u>Strategic Alignment:</u></p> <p>Planned Growth – Not awarding the contract would be inconsistent with this strategic objective.</p> <p>Operational Excellence – Not awarding the contract would be inconsistent with this strategic objective.</p> <p><u>Organizational:</u></p> <p>By not awarding the contract, Sturgeon County would be required to continue intensive maintenance requiring further resources to maintain an acceptable level of service.</p> <p><u>Financial:</u></p> <p>Not awarding this contract would only temporarily defer the required capital renewal cost for these assets.</p>																
Follow up Action	<ol style="list-style-type: none"> Execute the contract with the lowest compliant bidder (CAO Office, Q2, 2023). Send project notification letters to impacted residents (Transportation & Engineering Services, Q2 2023). Place project information signs (Transportation & Engineering Services, Q2 2023). 																
Attachment(s)	<ol style="list-style-type: none"> Attachment 1: Location Map Attachment 2: Tender Bid Results 																

Report Reviewed by:	Gary Mayhew, Director, Transportation & Engineering Services
	Scott MacDougall, Chief Operating Officer – COO
	Reegan McCullough, County Commissioner – CAO

Strategic Alignment Checklist

Vision: *Offering a rich tapestry of historical, cultural, and natural experiences, Sturgeon County is a municipality that honours its rural roots and cultivates desirable communities. Uniquely situated to provide world-class agricultural, energy, and business investment opportunities, the County prioritizes responsible stewardship and dreaming big.*

Guiding Principles: Collaboration | Accountability | Flexibility | Excellence | Safety | Future Readiness | Affordability | Innovation

Community Outcome	Not consistent	Consistent	N/A
Planned Growth			
<ul style="list-style-type: none"> Internationally competitive to attract, grow and sustain diverse businesses; tenacious focus on new growth and innovation 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Modern broadband and digital capabilities 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Low cost, minimal red-tape regulations 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Reliable and effective infrastructure planning; comprehensive land use and infrastructure planning 	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Thriving Communities			
<ul style="list-style-type: none"> Beautiful, surprising places with high standards; integrated natural spaces & trail systems; healthy and resilient 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Engaging cultural, historical, and civic amenities; strong community identity and pride 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Safe, welcoming, and diverse communities; small community feel and personal connection; commitment to high quality of life 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Environmental Stewardship			
<ul style="list-style-type: none"> Clean air, land, and water; Carbon neutral municipal practices; circular economy opportunities 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Conservation of natural areas and agricultural lands; enhanced greening and biodiversity; safekeeping ecosystems 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Sustainable development; partnerships with industry and others to drive emission reductions 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Collaborative Governance			
<ul style="list-style-type: none"> Predictable and stable external relationships; volunteer partnerships 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Meaningful connections with Indigenous communities 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Ongoing community consultation and engagement; transparent and action-oriented decision making based on sound rationale 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Respectful and informed debate; clear and supportive governance processes 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Operational Excellence			
<ul style="list-style-type: none"> Engaged and effective people – Council, Admin and Volunteers; continuous learning and improvement mindset; nimble and bold, with strong leadership 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Quality cost-effective service delivery; robust procurement and operational practices and policies; asset management and performance measurement; careful debt and reserve stewardship; long-term financial planning and sustainability 	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> Future focused thinking to proactively respond to emerging opportunities and challenges 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Alternative revenue generation and service delivery models integrated strategic and business planning 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>