

Request for Decision

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| Title | Contract Award: 2022 Bridge Maintenance |
| Proposed Motion | That Council award the contract for the Bridge Maintenance and Other Work tender (2022-080) to Bridgemen Services Ltd. at a contract price of \$537,600 (excluding GST) and authorize the Chief Administrative Officer to execute the contract. |
| Administrative Recommendation | Administration recommends that Council award the contract for the Bridge Maintenance and Other Work tender to the lowest compliant bidder. |
| Previous Council / Committee Direction | <u>December 14, 2021 Regular Council Meeting</u> Motion 549/21: That Council approve the proposed 2022 Operating and Capital Budget as amended by motions passed on November 30, 2021. |
| Report | <p><u>Background Information</u></p> <ul style="list-style-type: none"> Bridge maintenance requirements are identified by an annual inspection program that identifies repairs to extend the service life of the bridge structures managed by the County. This bridge maintenance tender includes the following scope of work: <ul style="list-style-type: none"> Bridge File 02404 – Range Road 262 north of Highway 37 – Tributary to the Sturgeon River (Bridge Culvert – 2314 x 2552 Vertically Ellipsed SPCSP Culvert x 23.8 metres - invert length) <ul style="list-style-type: none"> Regrade side slopes, placement of riprap and other repairs. Bridge File 07513 – Range Road 251 (Starkey Road south of Bellerose Drive) – Sturgeon River (Major Bridge - 41.5 metres - NU Girder Bridge on Concrete substructure) <ul style="list-style-type: none"> Grout Voids, ACP Patching, and other repairs Bridge File 13354 – Range Road 261 north of Highway 37 – Tributary to the Sturgeon River (Standard Bridge – 6.1 metres - HC Girder Bridge on Treated Timber substructure) <ul style="list-style-type: none"> Full depth concrete repairs, strut repairs, pile repairs, and other work. Bridge File 74468 – Township Road 580 east of Range Road 243 – Fairy Dell Creek (Standard Bridge - 6.1 metres - PG Girder Bridge on Treated Timber substructure) <ul style="list-style-type: none"> Pile repairs, full depth concrete repairs, and other work. |

- Bridge File 75155 – Township Road 552 west of Range Road 260 – Tributary to the Sturgeon River (Standard Bridge - 6.1 metres - HC Girder Bridge on Treated Timber substructure)
 - Girder repairs, pile and backwall repairs, placement of riprap, and other repairs.
- Bridge File 78734 – Range Road 271 south of Highway 37 - Sturgeon River (10.7-10.7-10.7 metres - VS Girder Bridge on Treated Timber substructure)
 - Girder repairs, concrete deck repairs, and other work.
- Bridge File 76676 Range Road 252 north of Highway 642 - Little Egg Creek (Standard Bridge - 6.1 metres - HC Girder Bridge on Treated Timber substructure). A portion of this work includes remediation of the bridge, as well as a portion of work attributed to other deficiencies required by the Town of Morinville. The value of the work associated with this work is estimated at \$90,000, which includes engineering.
 - Girder repairs, repairs to piles, backwall, placement of riprap and other repairs.
- Select bid items were deleted from the contract as they were not viewed as good value for dollar and therefore are deferred and will be incorporated into a future tender to achieve more favourable results.

External Communication

Tendering

- The construction Request for Tender (RFT) for the Bridge Maintenance Contract was posted on Alberta Purchasing Connection (APC) May 30, 2022 with a closing date of June 16, 2022.
- The tenders were reviewed and assessed in accordance with standard practices before making the recommendation to award to the lowest compliant bidder.

Communications

- Following the contract award and prior to commencement of work, roadside notification will be installed.

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 Alberta Purchasing Connection.
- Purchases exceeding \$500,000 shall be ratified at the following Council Meeting.

The Chief Administrative Officer is designated with approval authority for procurements of \$500,000 and in excess thereof.

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| Implication of Administrative Recommendation | <p><u>Strategic Alignment</u></p> <p>Planned Growth – The awarding of this contract is consistent with: <i>Reliable and effective infrastructure.</i></p> <p>Operational Excellence – The awarding of this contract is consistent with: <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 structures will remain safe and open to traffic for County residents. <p><u>Financial</u></p> <ul style="list-style-type: none"> Year to date, \$75,382 has been spent on bridge maintenance. As per the below table, the estimated total cost to complete the Bridge Maintenance Contract #2 is \$590,780. There is currently \$838,960 in available funds. <table data-bbox="625 661 1388 861"> <tr> <td colspan="2">Estimated Costs</td></tr> <tr> <td>Estimated Construction (Less Site Occ.)</td><td>\$468,600.00</td></tr> <tr> <td>Estimated Contingency (10%)</td><td>\$ 46,860.00</td></tr> <tr> <td>Estimated Engineering</td><td>\$ 75,320.00</td></tr> <tr> <td>Total Funding Requirement</td><td>\$ 590,780.00</td></tr> </table> <table data-bbox="625 898 1388 1094"> <tr> <td colspan="2">Budget</td></tr> <tr> <td>2022 Budget</td><td>\$420,815.00</td></tr> <tr> <td>Carry Forward – Bridge Engineering</td><td>\$106,422.00</td></tr> <tr> <td>Carry Forward – Bridge Construction</td><td>\$311,723.00</td></tr> <tr> <td>Total Budget Available</td><td>\$838,960.00</td></tr> </table> | Estimated Costs | | Estimated Construction (Less Site Occ.) | \$468,600.00 | Estimated Contingency (10%) | \$ 46,860.00 | Estimated Engineering | \$ 75,320.00 | Total Funding Requirement | \$ 590,780.00 | Budget | | 2022 Budget | \$420,815.00 | Carry Forward – Bridge Engineering | \$106,422.00 | Carry Forward – Bridge Construction | \$311,723.00 | Total Budget Available | \$838,960.00 |
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| Total Budget Available | \$838,960.00 | | | | | | | | | | | | | | | | | | | | |
| 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>Should this contract not be awarded, Sturgeon County’s overall lifecycle cost of maintaining these assets will increase, thus decreasing the affordability. There is also a moderately increased safety risk to the travelling public driving as deteriorated roads can increases collision risk.</p> <p><u>Organizational</u></p> <ul style="list-style-type: none"> By not awarding the contract at this time, Sturgeon County may be required to preemptively close bridge structures in the future due to poor conditions. <p><u>Financial</u></p> <p>Not awarding this contract would only temporarily defer the required operational repair cost for these bridge assets.</p> | | | | | | | | | | | | | | | | | | | | |

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| Follow up Action | 1. Execute the contract with the lowest compliant bidder (Chief Administrative Officer, Q3, 2022). |
| Attachment(s) | <ol style="list-style-type: none"> Attachment 1: Location Map Attachment 2: Tender Bid Results |
| Report Reviewed by: | <p>Gary Mayhew, Director, Transportation & Engineering Services</p> <p>Scott MacDougall, Chief Operating Officer – COO</p> <p>Reegan McCullough, County Commissioner – CAO</p> |

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"/> |