

City Council Agenda Memo

From: Jackie Lanning, City Engineer

Council Meeting: May 11, 2021

Subject: Resolution 21-030, Awarding 2021-05STI, Swiftel Pavement Reconstruction Project

Person(s) Responsible: Jackie Lanning, City Engineer
Thad Drietz, Assistant City Engineer

Summary:

This resolution will award the 2021-04STI Swiftel Pavement Reconstruction Project to Timmons Construction, Brookings, SD, for Alternative B (8" Concrete Paving) for the low bid of \$109,532.50. The bid is approximately 36% lower than the engineer's estimate of \$172,842.50. The project will take place during this construction season and will be completed by the end of October 2021.

Background:

There is an area of existing asphalt pavement between the Swiftel Center and Larson Ice Center that is in poor condition (see enclosed map). The area was identified by the staff at the Swiftel Center as a priority since the location has heavy traffic and is used for loading/unloading by large trucks for events. The Swiftel Center staff originally requested a concrete pavement. The Engineering Division designed an 8" reinforced concrete pavement with the intent to bid with the street maintenance project. However, seeing that the cost may be over budget, the pavement bid was removed from the street maintenance project and was bid separately, including an option to install a less expensive 6" thick asphalt pavement. Both pavement options are thicker than the previous pavement to withstand the traffic loading.

Item Details:

The bid letting for this project was held on Tuesday, April 27, 2021 and the City received the following bids:

2021-04STI Swiftel Pavement Reconstruction Project	Bowes Construction, Inc.	Timmons Construction	Engineer's Estimate
Alternative A: 6" Asphalt Pavement	\$76,282.25	No Bid	\$92,927.00
Alternative B: 8" Reinforced Concrete Pavement	No Bid	\$109,532.50	\$172,842.50

Staff reviewed the bid prices in comparison to bids received in previous years. The asphalt and concrete bid prices received were very competitive and lower than the 2020 bid prices.

After careful review, staff is recommending Alternative B, 8" Reinforced Concrete Pavement. The concrete pavement was the original request by Swiftel staff and will provide for a rigid pavement to withstand the truck loading, turning movements and long-term equipment storage in this location.

Legal Consideration:

None.

Strategic Plan Consideration:

4) Sustainability: The street maintenance program furthers the accomplishment of City Council Strategic Initiative of Maintaining Facilities with a Sustainable Plan. The existing asphalt material at the Swiftel Center will be ground up and recycled. In addition, the concrete is a cooler pavement, thereby reducing the "heat island" effect between the Swiftel Center and the Larson Ice Arena. With the Swiftel Center's HVAC condenser units adjacent to the pavement, this may even have the potential to improve the efficiency of the HVAC system on hot days.

Financial Consideration:

The total cost of the work at the Swiftel Center for Alternative B, 8" Concrete Paving, as well as the asphalt overlay in the south parking lot and concrete sidewalk repairs, falls under the 2021 Swiftel budgeted amount of \$260,000.

Options and Recommendation:

The City Council has the following options:

1. Approve as presented
2. Amend
3. Deny
4. Move the item to a work session
5. Do nothing

Staff recommends approval of the resolution as presented.

Supporting Documentation:

1. Resolution
2. Map