



AGENDA MEMORANDUM

Action Item for the City Council Meeting May 14, 2024

DATE: May 14, 2024

TO: Peter Zaroni, City Manager

FROM: Ernesto De La Garza, Director of Public Works
ErnestoD2@cctexas.com
(361) 826-1677

Josh Chronley, Assistant Director of Finance & Procurement
JoshC2@cctexas.com
(361) 826-3169

Cold-Mix, Cold Laid Asphalt for Public Works

CAPTION:

Motion authorizing execution of a one-year supply agreement, with a one-year option, with Vulcan Construction Materials, LLC, of Birmingham, Alabama, with an office in San Antonio, in an amount not to exceed \$488,160.00 and up to \$976,320.00 if the option is exercised, for cold-mix, cold laid asphalt for the Public Works Department, with FY 2024 funding of \$203,400.00 from the Street Fund.

SUMMARY:

Motion authorizing a one-year supply agreement, with a one-year option with Vulcan Construction Materials, LLC of San Antonio for cold mix, cold laid asphalt for the Public Works Department.

BACKGROUND AND FINDINGS:

Cold mix asphalt is utilized in lieu of hot asphaltic mix in temporary emergency asphalt repairs during afterhours, weekends or holidays until a more permanent hot asphalt repair can be schedule during normal working hours. Examples of emergencies can include adverse weather events or production failures at the local asphalt plants. Typical repairs include potholes, utility cuts and base failures. Cold Mix is versatile and does not require special tools or equipment to install.

The utilization of cold mix serves as an immediate solution to both utility repairs and/or roadway failures as it expands and contracts without cracking. The primary method, aside from hot mix, is to utilize cold mix for pavement repairs as it does not require special equipment to haul or lay the asphalt, it can be utilized and not limited to specific weather conditions, and it provides a drivable surface for traffic much quicker.

As a best management practice, cold mix is utilized throughout various municipalities such as City of Uvalde, City of Laredo, City of Austin and the City of Sugarland, in addition to TXDOT maintenance operations.

In summary, while Hot Mix Asphalt offers longevity and resilience for long-term infrastructure projects, cold mix provides ease of application and flexibility for immediate repairs.

PROCUREMENT DETAIL:

The Finance & Procurement conducted a competitive Request for Bid to obtain bids for a one-year supply agreement to provide cold-mix, cold laid asphalt for the Public Works Department. The City received one responsive, responsible bids, and is recommending the award to Vulcan Construction Materials, LLC of San Antonio. The City of Corpus Christi does not maintain local suppliers of cold mix. Vulcan Construction Materials, LLC has serviced the City with various materials and is the incumbent for cold-mix, cold laid asphalt.

This contract is a reduction in total usage from the previous contract of 15,000 tons annually to the current contract amount of 4,000 tons. The department is reducing the overall tonnage based on the historical usage from previous years.

The reduction in tons reflects an impact on the volatility and increased cost shown in table below from incumbent Contractor. Overall, the department is reducing its cold mix costs from \$1.34 million to \$488,000.

Description	Unit	2021		2024		Variance Tons Reduced	Variance Cost per Ton
		Qty	Unit Price	Qty	Unit Price		
Cold Mix - Cold Laid Asphalt	Tons	15,000	\$89.57	4,000	\$122.04	73.3%	36.3%

ALTERNATIVES:

An alternative to this motion is not to purchase this material. However, without the material the Public Works Department will not have the necessary material needed during extreme weather conditions.

FISCAL IMPACT:

The fiscal impact for FY 2024 is \$203,400.00 with funding available in the Street fund.

FUNDING DETAIL:

Fund:	Street Fund
Organization/Activity:	12430 Surface Preservation
Department:	33 Streets
Project # (CIP Only) :	
Account:	520130 Maintenance and Repairs

RECOMMENDATION:

Staff recommends approval to execute this motion authorizing a one-year supply agreement with Vulcan Construction Materials, LLC of San Antonio for cold-mix, cold laid asphalt for Public Works as presented.

LIST OF SUPPORTING DOCUMENTS:

Bid Tabulation
Supply Agreement
Presentation