



## AGENDA ITEM SUMMARY

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<b>AGENDA DATE</b>	April 23, 2019
<b>DESCRIPTION</b>	CONSIDER RESOLUTION NO. 2019-R36; A RESOLUTION AUTHORIZING THE CITY MANAGER TO PROCEED WITH PURCHASES AS PER SECTION 6.08 OF THE CITY OF BOERNE'S HOME RULE CHARTER. <i>(Seal-coat oil for the Street Department to seal-coat streets)</i>
<b>STAFF'S RECOMMENDED ACTION (be specific)</b>	Approve Resolution No. 2019-R36; Purchase of seal coat oil from Ergon, Inc. not to exceed \$29,000.00
<b>CONTACT PERSON</b>	Danny Zincke, Community Services Director
<b>SUMMARY</b>	<p>Each year the Streets Department budgets funds for normal scheduled maintenance including the seal coating of streets. This process involves cleaning the street to be coated prior to the application of the asphalt emulsion and then topped with Grade 5 Trap rock. This process helps increase the life of the road by helping keep water from penetrating into the road subsurface.</p> <p>Staff evaluates and prioritizes streets to be seal coated each year. This year staff plans to seal coat the following streets: Esser from River Road to Blanco, Rosewood from Esser to Main St. and Graham St. from Frederick Creek to School St.</p> <p>Staff received one qualified bid from Ergon, Inc. for \$2.56 per gallon of CHFRS-2P asphalt emulsion delivered. This material is used to seal coat select streets. Due to the transport distance of other suppliers it is typical to only get one or two interested vendors. Due to the way this material is delivered it often leads to run overs and staff recommends approving a price not to exceed \$29,000 to avoid having to bring any minor run overs back to City Council for payment.</p> <p>Attached please find a spreadsheet analysis of the cost to maintain the streets using 3 different types of process with the baseline (least expensive) being chip/seal that we do today. With \$52,000 in budget we can renovate the streets shown in green. For the same \$52,000 we could do one stretch of Rosewood (red line on map) using a new process called E-Flex and for \$52,000 we could do one small street (yellow line on map) with a mill and overlay. To do the same quantity of streets using the mill &amp; overlay process would raise the cost from \$52,000 to \$873,000.</p>

	We purchased the equipment needed to perform the chip seal work in house just a few years back. We will continue to adjust the oil to gravel ratio in order to minimize the negative aspects of the program (loose oil and gravel). In addition, there are no cul de sacs in this year's program and they are the toughest to season due to the intense pressure from circular turning movements from vehicles including waste management pickup.
<b>COST</b>	\$29,000.00
<b>SOURCE OF FUNDS</b>	Funds are budgeted in the General Fund- Street Maintenance Account
<b>ADDITIONAL INFORMATION</b>	

This summary is not meant to be all inclusive. Supporting documentation is attached.