

**BOCC APPROVAL MAY 22, 2019**  
**BOARD OF BIDS AND CONTRACTS MAY 16, 2019**

**ITEMS REQUIRING BOCC APPROVAL**  
**(6 Items)**

**1. CMS-1PC (SCRUB SEAL OIL) -- PUBLIC WORKS**

**FUNDING -- R175 PREVENTIVEMX-16+**

(Request sent to 37 vendors)

RFB #19-0020 S/C #8000147250

	Qty.	Ergon Asphalt & Emulsions, Inc.	
		Price Per Gallon	Extended Price
Gallons, CMS-1PC (Scrub Seal Oil) Asphalt Emulsion per specifications listed in this document (Vendor will deliver to various locations - FOB Delivered)	112,000	\$2.95	\$330,400.00
Acknowledge Addenda		Yes	
Delivery Start Date		1 day ARO	
No Bid	Edward J. Construction & Services, LLC		Kansas Paving
	Paving Pros, LLC		Rhomar Industries, Inc.
	Surface Protection Services, LLC	Vance Bros	Welborn Sales, Inc.
	Western Emulsions, Inc.	Winter Concrete	Wright Asphalt

On the recommendation of Joe Thomas, on behalf of Public Works, Ellen House moved to **accept the bid from Ergon Asphalt & Emulsions, Inc. for an initial purchase in the amount of \$330,400.00 and establish contract pricing for one (1) year with a one (1) year option to renew.** Richard Powell seconded the motion. The motion passed unanimously.

CMS-1PC is a cationic, water-based asphalt emulsion product used primarily as a rejuvenating scrub seal.

Scrub Seal is a process that is new to Sedgwick County, used on a trial basis by Public Works in 2018 to complete 1 mile of surface treatment. Previously county crews were required to manually crack seal roads prior to the traditional surface treatment. Application of CMS-1PC oil using the Scrub Seal method eliminates the crack seal step in most applications, and incorporates a rejuvenating oil into the surface of the roadway, resulting in a more efficient and effective surface treatment.

***Questions and Answers***

Richard Powell: I want to make sure I understand this, is this a drop spread type piece of equipment? It goes down in mass and it runs the length of a particular roadway.

Jim Weber: Probably not exactly what I think you're describing. But if you're used to seeing what we call a chip seal. We have a distributor truck that lays down or paints the road with an oil and then we have a chip spreader that is just dry chips that goes on top of that and it gets rolled into that and it would be white. You don't see it like that because we come back with a fog sealer. I think what you're talking about is an asphalt laydown machine. This is different. It's kind of like the two raw materials get put together on the road.

The scrub seal is a variant where we have purchased a scrub seal broom that we pull behind the distributor truck. The truck is putting the oil down, we're pulling the broom that works it into the surface better, the oil and then we'll drag it into the cracks. That's why it helps with the crack sealing issue and then we come back with basically the same chips that we use on the standard chip seal, roll that in with the roller to get to adhere really well and we typically fog seal that.

Richard Powell: In retrospect, if we tried testing it back in 2018 then we can make the assumption that it's working to your satisfaction.

Jim Weber: Yes, I would say it works. We're no longer doing the traditional chip seal. We're doing the scrub seal because it's better. The oil is slightly more expensive, it's a different type of oil but we're getting a better product out of it. How many miles are we doing this year, John?

John Medlam: 18 miles.

Jim Weber: This price is slightly lower than last year's because of quantity. Going from one mile worth to 18 miles worth.