

FROM (DEPT/ DIVISION): Public Works
PROGRAM: 45300-530012 Prof Services Contract
SUBJECT: Base Stabilization product purchase

<p>Background: The public works department is requesting board approval for purchase and application of BASEBIND-X to 1 mile of Wells station road. This is a relatively new product that shows a great deal of potential for base stabilization and long term dust suppression. We are constantly looking for ways to reduce maintenance cost for gravel roads and we see potential in this product, we feel the best way to judge products such as this is through actual use. Envirotech would supply the application equipment and guidance on preparation prior to application, the county would do pre application preparation and follow up assessment of product performance based on observation of the area through harvest season.</p>	<p>ACTION REQUESTED: Authorization to purchase BASEBIND-X Soil Stabilization from ENVIROTECH SERVICES in the amount of \$15,653.00</p>
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ATTACHMENTS: Quote from Envirotech Services
Date: (6/12/24) Submitted By: (Tom Fellows)

*****For Internal Use Only*****

Checkoffs:

- () Exec. Asst.
- () Dept. Head (copy)
- () Human Resources (copy)
- () Budget (copy)
- () Fiscal
- () Legal (copy)
- () (Other - List)

To be notified of Meeting:

Needed at Meeting:

PLEASE RETURN THIS FORM AND ATTACHMENTS TO Executive Assistant

Scheduled for meeting on: June 18, 2024

Action taken:

Follow-up:



Proposal for: Umatilla County
Pendleton, Oregon
Attn: Tom Fellows

From: EnviroTech Services
Jon Madrid
(509) 290-2328
jmadrid@envirotechservices.com

Re: BaseBind X Soil Stabilizer application

Hi Tom,

I am pleased to provide this proposal for your review and approval. EnviroTech is offering application of our low-chloride liquid soil stabilizer product known as BaseBind. This highly-effective, easy-to-apply, reworkable stabilizer does not require road closure for any significant length of time since compaction is one of the primary keys to its success and it does not pick easily. It can be used as a standalone product, in conjunction with enhanced liquid dust abatement products such as our Durablend or Durablend MEP, or as a stabilizer before chip sealing or paving. We have achieved good results in various soil types and climates with each of these types of applications.

Below are some key features of this product:

- Does not significantly pick. It will not stick to roller wheels or other equipment
- Easier to wash off than Mag and doesn't require any special chemicals or processes to do so
- Less corrosive than standard Mag, so relatively easy to flush equipment after use using standard procedures
- Approx 10% chloride content and no other significant corrosive ingredients, so it is generally environmentally friendly
- One truckload will cover approximately 1 mile of road with a 24' application width

1 truckload BaseBind X pre-blended liquid soil stabilizer
\$15,653.00

- *price includes application of product by EnviroTech
- *all road prep, pre-wetting, and finish work to be completed by the County or other contractors
- *product is in stock and available
- *pre-job meeting to be held the day before or day of application. Road must be prepped per Envirotech's instructions prior to this time to ensure an efficient and successful application

Thank you!

Jon Madrid- EnviroTech Services

BASEBIND®-X

Science Behind **BaseBind-X**

BaseBind-X performs well in a variety of environments and road bases. It has been proven to increase longevity on roads with high average daily traffic counts and heavy loads. BaseBind-X is engineered to provide weather resistance and decrease the total cost of unpaved road maintenance.



Environmentally Friendly

An ultra-low chloride formulation, BaseBind-X is also a prime option for use in sensitive areas or areas where chloride build up is a concern.

“On Monday morning (June 12, 2023) we had last night roughly 7 inches of rain on where you put that BaseBind X product and we have roads washed out everywhere. Several asphalt roads are gone and I gotta tell you this road doesn't even have any fingers running down it. I mean it just looks pristine. We will see how it how it keeps doing after all this rain but right now the structure of it is probably better than any road we have anywhere in the county.”
Elbert County Road 25 west of Kiowa, CO ~Monte Hankins, County Superintendent for Elbert County Colorado

“We are Randall County, TX in the Panhandle Area and have over 120 miles of caliche roads and have used the road stabilizer/maintenance product with good results. When processing the roadways with water trucks and motor graders, we have used tankers supplied by [now] EnviroTech Services to apply their product during the process. Our roads have car and truck traffic and we have experienced a minimal loss of material due to dust and driving surfaces have held up extremely good. I have roads with this stabilizer applied that we have only had to re-work a few pot holes at intersection areas once in the last 3 1/2 years. We only lost 1/2 inch of material off the roads we applied the product to in the last 3 1/2 "years." ~ Tim Sorrells, Randall County Road and Bridge Superintendent

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BASEBIND®-X

SOIL STABILIZATION SOLUTION



Stabilize Your Road Base

Keep the Road Materials on the Road

Introducing BaseBind-X, EnviroTech's newest soil stabilization product. BaseBind-X has been successfully used in a variety of road bases from low to higher plasticity. When the job is remote, BaseBind-X can be manufactured as a concentrate and mixed with water on sight.

What This Product Does

- **Binds together the road base**
- **Eliminates the need to import gravel**
- **Withstands most weather events**
- **Allows the re-working of the road**
- **Can be rejuvenated by using water**
- **Works with standard road practices**

Did you know...

A single vehicle driving down a gravel road daily, dispalces 1 ton of dust annually?



BaseBind is a DuraBlend
Family of Products

People Helping People Improve Their Environment

For more than 30 years, EnviroTech Services has proven to be an industry leader in soil stabilization and road solutions. We effectively produce high performing products that provide our customers with improved efficiency and reduced cost. We achieve these goals while, at the same time, reducing environmental impact and enhancing sustainability.



Call Us
Phone: 1.800.369.3878
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www.EnviroTechServices.com

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