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Your Public Sector Solutions Center

REQUEST FOR PROPOSALS
For
Roadway Materials
RFP # 2024-097

Sealed proposals will be accepted until 2:00 PM CT, **August 22, 2024**, and then publicly opened and read aloud thereafter.

Innovative Roadway Solutions, LLC.

Legal Name of Proposing Firm

Kevin King

President

Contact Person for This Proposal

Title

(903) 521-5104

kking@missouripetroleum.com

Contact Person Telephone Number

Contact Person E-Mail Address

493 Dr. M Roper Pkwy. N. Bullard, Texas 75757

Street Address of Principal Place of Business

City/State

Zip

493 Dr. M Roper Pkwy. N. Bullard, Texas 75757

Mailing Address of Principal Place of Business

City/State

Zip

Kevin King

President

Point of Contact for Contract Negotiations

Title

(903) 521-5104

kking@missouripetroleum.com

Point of Contact Telephone Number

Point of Contact Person E-Mail Address

Acknowledgment of Addenda (initial): #1  #2 _____ #3 _____ #4 _____ #5 _____

NOTE: Any confidential/proprietary information must be clearly labeled as "confidential/proprietary". All proposals are subject to the Texas Public Information Act.

(Cover Sheet)

Addendum #1

Roadway Materials

RFP # 2024-097

Issued July 30, 2024 by the North Central Texas Council of Governments

This RFP has been amended to incorporate in full text the following provisions:

I. CLARIFICATIONS.

None

II. CHANGES.

- Section 5.5 is revised to state that Proposal Pricing scoring will be based on Exhibits 1 & 2, not Tab B.
- Note that “Category 6: Concrete Materials Specifically Priced for City of University Park, TX” to has been added to Sections 1.0, 5.0 and Exhibit 1.
- Remove and replace page 20 from the RFP document with the enclosed revised page number 20.
- Remove and replace page 23 from the RFP document with the enclosed revised page number 23.
- Add the attached “Page 31A – Addendum #1” as page 31A in your RFP document.

PROPOSAL DUE DATE REMAINS 2:00 PM CT, August 22, 2024.

END OF ADDENDUM



Innovative Roadway Solutions, LLC.

Texas Regional Office - 493 Dr. M Roper Pkwy N - Bullard, TX - 75757 | Phone: 903/894-4520 | Fax: 903/894-4620

Proposal Tab A

TXDOT Item 3028-6002 Frictional Asphalt Surface Preservation Treatment

Innovative Roadway Solutions is part of the Lionmark Construction Companies and has been in the roadway construction and pavement preservation industries for 90 years. Our company is committed to safety, quality, productivity and on-time performance. Innovative Roadway Solutions primarily works in North Texas, Oklahoma, Arkansas, and Missouri. We are officed out of Bullard, TX but regularly perform work throughout North Texas. Innovative Roadway Solutions has been providing turn-key surface sealing treatments for 8 years under the current ownership and business structure. We employ 25 individuals when fully staffed. We have many repeat clients and experience working with a variety of public entities such as the City of Grand Prairie, Collin County, and TXDOT Paris Atlanta, Tyler, and Amarillo Districts. A more complete list of participating entities and contract information can be found attached to this document.

Innovative Roadway prides itself in providing our customers with safe, high quality, on-time work with state-of-the-art equipment. Communication is key for the success of any project. From the top down we are courteous to our clients' needs and take time to listen. We work with the entities and travelling public to limit delays and minimize interference with traffic flows during peak usage times. Every project has a different set of circumstances that require consideration. Events such as school zones, festivals, rodeos, University move in days, and holidays can burden roadways. We avoid working in these areas when longer delays can compound frustrations. It is often best to communicate with the local community. We encourage participating entities to use social media and other forms of messaging to notify individuals and motorists near the project. Upon request we will place door hangers in residential areas to provide residents with contact information in the event they have concerns about the project. MUTCD guidelines are standard on all traffic control set ups and devices.

Innovative Roadway Solutions, LLC is pleased to provide pricing for a turnkey operation inclusive of all materials, labor, and equipment for work zone traffic control, basic pavement sweeping and high-pressure air blowing to remove dust as well as placement of the surfactant pretreatment and application of ONYX Mastic Sealer and clean-up

We offer 30 day payment terms and Invoice Monthly. We accept Credit Cards and no Deposit is required.

Kind Regards,

Kevin L. King

A handwritten signature in blue ink, appearing to read "Kevin L. King", with a stylized flourish at the end.

Kevin L. King - President
Innovative Roadway Solutions, LLC.

Key People

Kevin King – President – Primary point of contact for contracting, proposal evaluation.
Email : Kking@missouripetroleum.com PHONE : 903-521-5104

Justin Northcutt – Project Manager – Scheduling
Email jnorthcutt@missouripetroleum.com PHONE : 903-571-5426

Joe Reichmuth – Safety Manager/EEO Officer
jreichmuth@missouripetroleum.com

Cheryl Newman – Office Manager
cnewman@missouripetroleum.com PHONE : 903-894-4520

Shannon King – Invoicing
sking@innovativeroadway.com

Patrick Hollis – Field Superintendent
phollis@innovativeroadway.com

Ben Hall – Field Superintendent
bhall@innovativeroadway.com

EXHIBIT 1
CATEGORIES SELECTED, PRICING & CURRENT PUBLISHED PRICE LIST

Please place a checkmark next to each Category that you are offering in your proposal:

- Service Category #1: Earthen Materials
- Service Category #2: Asphalt Materials Asphalt Mastic Pavement Preservation Treatment (Turn Key)
- Service Category #3: Concrete Materials
- Service Category #4: Winterization Materials Services
- Service Category #5: Additional Offerings of Ancillary ~~Materials~~
- Service Category #6: Concrete Materials Specifically Priced for City of University Park, TX

Proposed Contractual Discounts on Pricing for Items Offered

For each of the bid items you wish to offer from Categories you selected above, provide your proposed **discount** off your list price on the attached Bid Price Worksheet.

Current Published Price List for Items Offered

For each of the bid items you wish to offer, please provide the current list price. Please attach this information to on your proposal a separate sheet or via a weblink. Please match the corresponding Bid Item number from the Bid Price Worksheet next to the matching item on your current published price list.

NOTE: The current price list is NOT a part of the contractual obligation and may be modified at the vendor's discretion. Only the percentage discount is contractually obligated.

Category 5 Additional Offerings on Ancillary Services

Item	Description	% Discount off Current List Unit Price at Plant/Pickup in Dallas/Fort Worth	Plant Site Location for Pickup for Dallas/Fort Worth Customers	% Discount off Current Truck Delivery Rate per Mile to Location in DFW	Alternate Plant Site Location(s) for Pickup for Customers outside Dallas/Fort Worth	% Discount off Current Truck Delivery Rate Per Mile to Location Outside DFW	Minimum Order for Pickup at Plant	Minimum Order for Delivery
74x	Turn Key Asphalt Mastic Pavement Preservation Treatment Application	4%	N/A	N/A	N/A	N/A	N/A	15,000

Specs- Steps to Prep: (1) Sweep streets and cleaned (2) Uniformly apply adhesion promoter at .023 GPM/SY (3) Apply FASPT at minimum of 2.5 lbs/SY in two passes (4) Allow FASPT to dry and cure before returning to traffic TXDOT SPEC 3028-6002

Current Price List

Innovative Roadway Solutions, LLC.
493 Doctor M. Roper Pkwy N
Bullard, TX 75757
903/894-4520 *fax 903/894-4620
www.innovativeroadwaysolutions.com

Frictional Asphalt Pavement Preservation Treatment
 ONVX Fog Seal

QUOTATION **DATE:** 8/22/24

TO: ALL BIDDERS

JOB DETAILS

Descriptive TURN KEY FRICTIONAL ASPHALT SURFACE PRESERVATION TREATMENT

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE	EXT
3028	SURFACE PREP	SY	1.00	\$3.60	\$3.60

Innovative Roadway Previous Projects List

Contract	Description	Contact	email	number	AGENCY	work start dates	Key Personnel	Description of Services
23701	TXDOT Amarillo-Hempill Co (MOPE)	Zach Mayer	ZACHARY.MAYER@TXDOT.GOV	806-655-2374	TXDOT sub MOPE1	6/1/2023	Patrick Hollis	Shoulder surface seal (Spray ONYX)
23702	TXDOT 21021-001, 50 Bus 50, 54, Cole (C	Terry Imhoff	TIHHOFF@CMTALPAYING.COM	573-520-4477	MODDOT sub CAPITAL PAVING	0/15/2023	Ben Hall	Shoulder surface seal (Spray ONYX)
23703	RED RIVER, PARIS, BUS 50, 54, Cole (C	Phillip Huff	philip.huff@redriver.gov	903-855-5054	TXDOT sub BR ANSON PAVING	4/26/2023	Patrick Hollis	Shoulder surface seal (Spray ONYX)
23704	SH-11, TXDOT TYLER DIST, WOOD	Paul Schneider	paul.schneider@tdot.gov	903-590-0066	TXDOT sub CLARK CONSTRUCTION	5/19/2023	Patrick Hollis	Shoulder surface seal (Spray ONYX)
23705	TYLER STATE PARK, 010-16-168, S	Wade	ESTIMATING@EHRIDGE.COM	903-129-1747	TXDOT sub of bridge	3/20/2023	Patrick Hollis	State Park Parkings/ ramping Area Various Rds WWP (Spray ONYX)
23706	TXDOT 21210-003, 16J5576, Various Route	Bl Hoover	blhoover@jonesrecreator.com	656-686-5011	MODDOT sub GARRISNER	9/4/2023	Ben Hall	Intersection Surface Seal (Spray ONYX)
23707	16J5647 230120-F04, VARIOUS RO	Robert Bond	robert@antivox.com	656-288-2079	MODDOT sub NB West	2024	Ben Hall	Shoulder surface seal (Spray ONYX)
23708	Greene Co F2023453(CS) 0350-401	Paul Gully	pgully@granitecontracting.com	318-464-6993	TXDOT sub MADISON CONTRACTING	9/15/2023	Patrick Hollis	Shoulder surface seal (Spray ONYX)
23709	16J5490 230120-F02, F-20(KOZEN	SEAN MILLIAN	SEAN.MILLIAN@VNAACNSR.COM	656-296-2012	MODDOT sub KOZINSKY WAGNER 2024	2024	Ben Hall	Shoulder surface seal (Spray ONYX)
23710	SMITH CO C19-1-104(DREBERRY	Mike Manning	MIKE.MANING@DREBERRY.COM	936-645-8633	TXDOT sub DEWEAVERY	2024	Patrick Hollis	Shoulder surface seal (Spray ONYX)
23711	Asphalt Surface Treatment, St. Chail	Joan Reitz	JREITZ@STCADO.ORG	656-949-7900	ST Charles County	2024	Ben Hall	Surface seal Various County roads, and Residential (Spray ONYX)
23712	FOREST HILL COUNTRY CLUB ON	Matt Ott	ottm11@gsnail.com	636-227-5030	FORREST HILL COUNTRY CLUB	6/28/2023	Ben Hall	Residential (Spray ONYX)
23713	LAKE TAWAKONI RFP 23-0305	JASON SIVOYAL	JSTOVAL@SRMVA.ORG	903-598-2216	SABINE RIVER AUTHORITY	7/15/2023	Patrick Hollis	Dam Road/ Boat Ramp/ Roads/ Parking areas
23714	City of Tyler Project No. 23-004	Chuck Samson	csamson@tylertexas.org	417-235-8547	CITY OF TYLER TX	6/26/2023	Patrick Hollis	Residential (Spray ONYX)
23715	MONNETT SPECIAL ROAD DISTRICT	David Worthington	dworthington@monnett.com	417-235-8547	MONNETT SPECIAL ROAD DISTRICT	8/1/2023	Ben Hall	County Road (Spray ONYX)
23716	WASHINGTON COUNTY, AR - PRO	Jeff Crowder	jeffcrowder@washingtoncountyar.gov	479-444-1610	WASHINGTON COUNTY ARKANSAS	8/9/2023	Ben Hall	County Road (Spray ONYX)
23717	CITY OF COLUMBIA 2023 PHASE 1	Mike Wheeler	mike.wheeler@comt.org	803-545-3780	CITY OF COLUMBIA	4/26/2023	Ben Hall	Residential/City Streets (Spray ONYX)
23718	JASPER COUNTY EXTENSION	Bob Burns	burns@jaspercounty.mo.gov	417-358-0421	JASPER COUNTY	7/12/2023	Ben Hall	County Roads
23719	HOT SPRINGS VILLAGE POA, HS	Matt Broom	mattbroom@hsppoa.org	501-290-0128	HOT SPRINGS VILLAGE POA	8/20/2023	Patrick Hollis	Residential (Spray ONYX)
23720	TXDOT Wichita Falls Vernon State H	Mary Abbey	mary.abbey@wfs.vtexas.gov	903-552-4104	TXDOT	6/19/2023	Patrick Hollis	Residential (Spray ONYX)
23721	(MOPE) 22011 US 67, TITLUS TXD	Tommy Bruce	tommy.bruce@titlus.com	903-838-8574	TXDOT sub MISSOURI PERROI EHM	6/22/2023	Patrick Hollis	Parking Lot (Spray ONYX)
23722	CITY OF GRAND PRAIRIE ONY	Amandor Menchaca	amandor@cityofgp.org	972-523-6302	CITY OF GRAND PRAIRIE	7/25/2023	Patrick Hollis	Shoulder surface seal (Spray ONYX)
23723	SABINE RIVER AUTHORITY LAKE FORK	Jason Novack	JSNOVA@SRVA.ORG	903-598-2216	SABINE RIVER AUTHORITY	7/9/2023	Patrick Hollis	Dam Road (Spray ONYX)
23724	VIOLA SPECIAL ROAD DIST ONY	Gary Ashford	gaf@viola-springs.com	417-240-5046	VIOLA SPECIAL ROAD DISTRICT	8/5/2023	Ben Hall	Residential (Spray ONYX)
23725	City of Norman 23-24-3 Street Maint	Jeff Forde	jeff@fordeconsulting.com	405-266-5493	CITY OF NORMAN OKLAHOMA	8/10/2023	Patrick Hollis	Residential (Spray ONYX)
23726	2023 Mastec Sealer, IFB 23-49, Bont	David Clark	dclark@bentonsville.com	656-949-7900	CITY OF BENTONVILLE ARKANSAS	8/15/2023	Patrick Hollis	Residential (Spray ONYX)
23727	Chandler TX ONYX	Jon Hall	jonhall@chandler.com	903-204-8680	CITY OF CHANDLER TEXAS	7/6/2023	Patrick Hollis	Residential (Spray ONYX)
23728	104/2019 Surface Seal, Columbia AR	Mike Wheeler	mike.wheeler@comt.org	803-545-3780	CITY OF COLUMBIA MISSOURI	9/25/2023	Ben Hall	Residential/City Streets (Spray ONYX)
23729	Residential Areas, City of Centerton	Jake Barret	JHARRETT@ENTERORAR.US	479-412-0980	CITY OF ENTEROR ARKANSAS	8/11/2023	Ben Hall	Residential (Spray ONYX)
23730	COLLIN COUNTY TX	Ronald Anderson	randerson@collin.tx.us	972-518-4103	COLLIN COUNTY	9/25/2023	Patrick Hollis	County Road/ Residential (Spray ONYX)
23731	Hub Field, Leon County, TX	CLIFF RAY	clay@cliffandson.com	903-207-1560	AL HENRI CAMP	10/5/2023	Patrick Hollis	Shoulder surface seal (Spray ONYX)
23701	J51347, CRAWFORD COUNTY ONYX	Shelley Sanders	sanders@j51347.com	573-524-4777	MODDOT sub CAPITAL PAVING	8/14/2024	Ben Hall	Shoulder surface seal (Spray ONYX)
24702	00101-0401-Bovine Co, Atlanta Dist	Tommy Bruce	tommy.bruce@tdot.gov	903-598-8574	TXDOT sub CDM	5/1/2024	Patrick Hollis	Shoulder surface seal (Spray ONYX)
24703	00090-03-102 HUNT CO, PARIS DIST	Philip Huff	philip.huff@tdot.gov	903-855-0514	TXDOT sub CDM	6/15/2024	Patrick Hollis	Shoulder surface seal (Spray ONYX)
24704	0041-01-050 HARRILTY CO, AMARIL	Zach Mayer	ZACHARY.MAYER@TXDOT.GOV	806-655-2374	TXDOT sub MISSOURI PERROI EHM	5/16/2024	Patrick Hollis	Shoulder surface seal (Spray ONYX)
24705	0005-08-021 SMITH CO, TYLER DIS	Paul Schneider	paul.schneider@tdot.gov	903-590-0066	TXDOT sub RONALD WAGNER	5/6/2024	Patrick Hollis	Shoulder surface seal (Spray ONYX)
24706	ST CHARLES CO HB24-004	Tom Reitz	JREITZ@STCADO.ORG	656-949-7900	St Charles County	6/5/2024	Ben Hall	County Roads (Spray ONYX)
24707	104/2019 Surface Sealing Treatment	Robert Bond	robert@antivox.com	656-288-2079	MODDOT sub NB WEST	8/6/2024	Ben Hall	Shoulder surface seal (Spray ONYX)
24708	City of Monet ONYX	David Worthington	dworthington@monnett.com	417-235-8547	CITY OF MONETT MO	7/10/2024	Ben Hall	County Roads (Spray ONYX)
24709	TXDOT F2023(722)JH-20	Mike Manning	MIKE.MANING@DREBERRY.COM	936-645-8633	TXDOT SUB DREWEAVERY	9/25/2024	Patrick Hollis	Shoulder surface seal (Spray ONYX)
24710	JASPER COUNTY ROAD SURFACI	Bob Burns	burns@jaspercounty.mo.gov	417-358-0421	JASPER COUNTY	6/24/2024	Patrick Hollis	County Road (Spray ONYX)
24711	CP24-009 TYLER ONYX SEAL PRO	Chuck Samson	csamson@tylertexas.org	903-545-3780	CITY OF TYLER TX	6/26/2024	Patrick Hollis	Residential (Spray ONYX)
24712	CITY OF GRAND PRAIRIE/DALLAS	Amandor Menchaca	amandor@cityofgp.org	972-523-6302	CITY OF GRAND PRAIRIE	5/1/2024	Ben Hall	City Streets/ Residential (Spray ONYX)
24713	SHELL KNOB AIRPORT RD IFB	Gary Ashford	gashford@viola-springs.com	417-240-5046	SHELL KNOB SPECIAL ROAD DISTRICT	7/15/2024	Ben Hall	Airport (Spray ONYX)
24714	City of Hurst 20786 Contract, Grand	STHVE CARTR	scarter@hursts.gov	817-788-7202	CITY OF HURST	5/8/2024	Ben Hall	Residential (Spray ONYX)
24715	LYBR TXDOT 0221-05-065 BR 202, 451	Wade	wadewade@clarkbridge.com	903-552-0669	TXDOT sub LONGVIEW BRIDGE	4/29/2024	Patrick Hollis	Hwy Right of Way Seal
24716	Collin County 2024 Mastec Seal	Ronald Anderson	randerson@collin.tx.us	972-518-4103	COLLIN COUNTY	7/18/2024	Patrick Hollis	Onyx County Roads (Spray) to stop bleeding chip seal
24717	Howard County Sub for RK Hill	Paul Chenevier	paul.chenevier@pccconstruction.com	903-595-3350	TXDOT sub RK HILL	F.M.I. 2024	Patrick Hollis	Shoulder surface seal (Spray ONYX)
24718	Weslser Groves (Sub MOPE) STL	Vera Carullo	verecar@wescel.com	314-496-5315	WESLSEY GROVE sub MOPE1 STL	6/13/2024	Ben Hall	Onyx Residential Roads (Spray) to stop bleeding chip seal
24719	Sunset Hills (Sub for MOPE) STL	Jerry Elme	jelme@sunsethills.com	414-812-0680	SENSETHILLS sub MOPE1 STL	6/20/2024	Ben Hall	Onyx Residential Roads (Spray) to stop bleeding chip seal
24720	City of Van TX	Kevin Johnson	kevinjohnson@van.tx.us	903-663-7216	CITY OF VAN	6/20/2024	Patrick Hollis	City Streets/ Residential (Spray ONYX)
24721	Lagey Parkway NW AR Senior Serv	Ken Booth	kenbooth@seniorpark.org	479-644-9282	CITY OF BENTONVILLE VA SAND CR	8/28/2024	Patrick Hollis	City Streets/ Residential (Spray ONYX)
24722	City of Norman FYE 2425-5	Joseph Hill	joseph.hill@normanok.gov	405-266-5493	CITY OF NORMAN OKLAHOMA	8/7/2024	Patrick Hollis	City Streets/ Residential (Spray ONYX)
24723	Washington County AR IFB 2024-10	Jeff Crowder	jeffcrowder@washingtoncountyar.gov	479-444-1610	WASHINGTON COUNTY ARKANSAS	F.M.I. 2024	Ben Hall	City Streets/ Residential (Spray ONYX)
24724	City of Lowell AR 2024 Surface Seal	Jimmy Hendrix	hendrix@lowellarkansas.com	479-770-0186	CITY OF LOWELL ARKANSAS	7/20/2024	Ben Hall	City Streets/ Residential (Spray ONYX)
24725	Ottawa County Oklahoma	Mike Furnas	mike.furnas@ottawacountyok.com	918-673-1100	CITY OF OTTAWA OKLAHOMA	8/5/2024	Ben Hall	County Roads (Spray ONYX)
24726	City of Columbia 2024 69/2024 Phase 2	Mike Wheeler	mike.wheeler@comt.org	803-545-3780	CITY OF COLUMBIA MISSOURI	F.M.I. 2024	Ben Hall	City Streets/ Residential (Spray ONYX)
24727	City Of Bentonville AR 2024 IFB 24-26	Daniel Clark	dclark@bentonsville.com	656-949-7900	CITY OF BENTONVILLE ARKANSAS	F.M.I. 2024	Ben Hall	City Streets/ Residential (Spray ONYX)

~~TEXTURED~~ BITUMINOUS MASTIC SURFACE TREATMENT GUIDELINE

I. DESCRIPTION:

A. The ~~Textured~~ Bituminous Mastic Surface Treatment (~~FBMST~~) or (MST) consists of applying a designed mixture of asphalt emulsion, minerals, polymers, water, and other additives to a prepared surface in accordance with plans and specified contract documents for the purpose of extending the life of that surface through pavement preservation.

B. BID ITEM UNITS
Mastic Surface Treatment Gallons or Pounds per Square Yard

C. REFERENCES

1. AASHTO Standards

a)	AASHTO R 5	<i>Selection and Use of Emulsified Asphalts</i>
b)	AASHTO R 9	<i>Acceptance Sampling Plans for Highway Construction</i>
c)	AASHTO T 11	<i>Materials Finer than # 200 Sieve</i>
d)	AASHTO T 27	<i>Sieve Analysis of Fine & Coarse Aggregates</i>
e)	AASHTO T 49	<i>Penetration of Bituminous Materials</i>
f)	AASHTO T 59	<i>Standard Method of Test for Emulsified Asphalt</i>
g)	AASHTO T 84	<i>Specific Gravity and Absorption of Fine Aggregate</i>
h)	AASHTO M 208	<i>Standard Specification for Cationic Emulsified Asphalt</i>
i)	AASHOT T 308	<i>Determining the Asphalt Binder Content of Hot-Mix Asphalt (HMA) by the Ignition Method</i>

2. ASTM Standards

a)	ASTM C 117	<i>Materials Finer Than 0.075mm (No. 22) Sieve in Mineral Aggregates by Washing</i>
b)	ASTM C136	<i>Sieve Analysis of Fine and Coarse Aggregates</i>
c)	ASTM D5	<i>Standard Test Method for Penetration of Bituminous Materials</i>
d)	ASTM D 244	<i>Standard Test Methods and Practices for Emulsified Asphalts</i>
e)	ASTM D 2196	<i>Rheological Properties of Non-Newtonian Materials by Rotational Viscometer (Brookfield Type)</i>
f)	ASTM D 2397	<i>Standard Specification for Cationic Emulsified Asphalt</i>
g)	ASTM D 3910	<i>Standard Practices for Design, Testing and Construction of Slurry Seal</i>
h)	ASTM D 6934	<i>Residue by Evaporation of Emulsified Asphalt</i>
i)	ASTM D 6937	<i>Standard Test Method for Determining Density of Emulsified Asphalt</i>
j)	ASTM E 303-93	<i>Standard Test Method for Measuring Surface Frictional Properties Using the British Pendulum Tester</i>
k)	ASTM E 1911	<i>Measuring Paved Surface Frictional Properties Using the Dynamic Friction Tester</i>

TEXTURED BITUMINOUS MASTIC SURFACE TREATMENT GUIDELINE

3. International Slurry Surfacing Association (ISSA) Bulletins and Guidelines
 - a) ISSA A 105 *Recommended Performance Guideline for Emulsified Asphalt Slurry Seal*
 - b) ISSA TB 100 *Test Method for Wet Track Abrasion of Slurry Surfaces*

D. SUBMITTALS

1. Mix Design
2. Materials and Manufacturers Certificates
3. Application Rate Recommendations from **FBMST** Supplier
4. Weather Related **FBMST** Product and Application Information from the Supplier

II. MATERIALS:

A. EMULSIFIED ASPHALT

1. Provide asphalt emulsion consistent with CSS-1 or CSS-1H and complies with specifying agency according to Table 1 - Emulsified Asphalt.

Table 1 - Emulsified Asphalt			
Criterion	Standard Guideline	Min	Max
Viscosity, Saybolt Furol at 77°F, seconds	AASHTO T 59 / ASTM D244	15	100
Particle Charge Test In case of inconclusive particle charge, material having a maximum pH value of 6.0 will be acceptable as a CSS type	AASHTO T 59 / ASTM D244	Positive	
Sieve %	AASHTO T 59	0	0.1
Residue by Distillation, percent	AASHTO T 59	57	--
Penetration at 77° F, 100 g, 5 seconds (Test on Residue from Distillation)	AASHTO T 49 / ASTM D 5	15	150

TEXTURED BITUMINOUS MASTIC SURFACE TREATMENT GUIDELINE

B. AGGREGATE

1. Use aggregate that is clean and free from organic matter, detrimental substances and cemented or conglomerated material that complies with gradation in Table 2 - Aggregate unless expressly allowed by the TBMST Manufacturer and Agency Representative. The aggregate must meet the requirements of the TBMST Manufacturer and Agency Representative with regard to physical properties such as - angularity, hardness, cleanliness, durability, color, moisture content, and any other parameters deemed appropriate by said manufacturer and representative.

Table 2 - Aggregate			
Physical Properties (a)			
Criterion	Standard	Min	Max
Water absorption, percent (b)	AASHTO T 84	---	4
Gradation (c)			
Sieve	Standard	Master Grading Band Limits Percent Passing	Target Tolerance
No. 8	ASTM C 136	95 – 100	
No. 16	ASTM C 136	75 – 100	+/- 5
No. 30	ASTM C 136	50 – 95	+/- 5
No. 50	ASTM C 136	25 – 65	+/- 5
No. 60	ASTM C 136	20 – 65	+/- 5
No. 100	ASTM C 136	20 – 60	+/- 5
No. 200	ASTM C 117	15 – 55	+/- 5
<p>a) Perform physical property tests on aggregates that are received before blending into sealer.</p> <p>b) Perform on aggregate retained on larger than the #50 Sieve.</p> <p>c) Includes all mineral components.</p>			

TEXTURED BITUMINOUS MASTIC SURFACE TREATMENT GUIDELINE

C. CENTRAL PLANT ADDITIVES

1. Central plant additives may be utilized at the central manufacturing plant as approved or supplied by the **TBMST** Manufacturer to meet mix design requirements and achieve adequate field performance.
2. Central plant shall use water that is clean, non-detrimental, and free from salts and contaminants.
3. Central plant mixture contains a minimum of 30 percent mineral solids by weight of wet mix.
4. Central plant mixture contains a minimum of 10 percent polymer by weight of asphalt binder in the mix.

D. FIELD CONSTRUCTION ADDITIVES

1. Field construction additives may be utilized in the final mix before application as approved or supplied by the **TBMST** Manufacturer and Agency Representative to meet final field mixing or application to achieve adequate field performance.
2. Pavement pretreatment is recommended to be applied on all surfaces to be **TBMST** applied. -The pretreatment contains an adhesion promoter as approved and supplied by the **TBMST** Manufacturer. -The pretreatment must be applied according to **TBMST** supplier's recommendations and rates.

E. MIX DESIGN

1. Mix design must be developed and submitted to Agency Representative for approval of the **TBMST** application. **TBMST** approved and submitted must meet the criteria set forth in this guideline or equivalent to be accepted as an approved, compliant mix design. **TBMST** must meet criteria in Table 3 - Asphalt Mastic Mix Design.

Table 3 – Asphalt Mastic Mix Design			
Criterion	Standard	Min	Max
Dynamic Rotational Viscosity @ 20 RPM / RV Spindle @ 25°C, cps	ASTM D 2196	800	--
Solids content by Evaporation Method @ 130°C, percent (a), (b)	AASHTO T 59 / ASTM D 6934	38	--
Binder content by Ignition Method, percent (b)	AASHTO T 308 (Modified)	18	--
Wet-Track Abrasion Loss (3-day soak), g/m ² (c), (d)	ASTM D 3910 / ISSA TB 100 (Modified)	--	80

TEXTURED BITUMINOUS MASTIC SURFACE TREATMENT GUIDELINE

NOTES

- (a) Sample shall be dried to a state where weight measurements taken 30 minutes apart indicate a change of no more than 0.1%.
- (b) Due to high asphalt binder content of the mix, the sample size processed in the ignition oven needs to be adjusted to account for this in the allowable binder content for a particular model.- A 500 – 1000 gram representative sample of the mix is typically dried in a suitable oven with homogenizing until weight loss ceases. -Solids content shall then be defined as the net residual weight divided by net original weight expressed in percent. -This residual dried mix is used for asphalt binder content testing (AASHTO T 308) at a typical sample size of 250 – 500 gram homogenized mix sample.
- (c) Use the modified method to account for realistic application depth and fine emulsion mixture while allowing for a three day soak with proper coating thickness and substrate integrity.
- (d) Specimens are prepared before addition of coarse frictional aggregate.

TEXTURED BITUMINOUS MASTIC SURFACE TREATMENT GUIDELINE

III. CONSTRUCTION:

A. CONSTRUCTION EQUIPMENT

1. Mixing and Mixing Equipment

a) All materials must be thoroughly mixed at a central plant manufacturer to produce a homogenous surface treatment for pavement preservation application. -Proportion each individual material by individual volume or weight controls measures in the FBMST mix. Individual proportioning devices are to be calibrated and readily accessible for calibration to determine the amount of each material used during manufacture. -The mixing vessel must have full sweep agitation and capable of producing a fully homogenous mastic mixture.- The temperature must be kept above 32°F for the mixture.

2. Distribution Application Equipment

a) The distributor equipment will be equipped with a full sweep agitation system, a pumping system designed to handle specified aggregate mixtures and sufficient power to operate the complete distribution and agitation system at the same time.- The distribution equipment will be able to keep all the component ingredients in the FBMST thoroughly and uniformly blended at all times. -The distribution equipment will be equipped with a monitoring system that ensures the even cross-web and downstream distribution application of material and measures the application rate of the mix for each applied section. -The distributor will be capable of applying the FBMST in full lane width passes each intended pass. -The distribution equipment will be capable to apply by means of spray, fan, multiport, gravity channel, drag-box, scrub brush or scrub broom setup. -The distribution setup will be approved by FBMST Manufacturer, FBMST Applicator and Agency Representative prior to application of material and capable to adequately apply mastic across the web and downstream for the full length of application.

3. Storage Tanks

a) Job site storage tanks will have a minimum capacity to receive an entire transport load of material. -The storage tank will have an internal full sweep agitation system capable to provide a homogenous FBMST mixture representative of the tank.

TEXTURED BITUMINOUS MASTIC SURFACE TREATMENT GUIDELINE

B. PREPARATION

1. Surface Preparation

a) Clean and remove loose material, soil, mud spots, sand, dust, ~~vegetation~~vegetation, and other contamination materials that will disrupt the bonding of the FBMST to the intended surface. Blow the surface as a final preparation to clear any contamination generated as part of the cleaning process. -When using water to clean surface, allow cracks and surface to thoroughly dry. -Minimum suggested requirement is to blow the surface, broom the surface and blow the surface a second time.

2. Protection of Adjacent Surfaces and Structures

a) Protect adjacent surfaces and structures from damage or overspray as directed by contract documents or Agency Representative. -Remove any protective devices for surfaces and structures as directed in the contract documents or Agency Representative.- Prune trees to allow equipment passage and underneath.- Mask off end of streets and intersections to provide straight lines.

3. Pretreatment of Surfaces

a) Apply a specified adhesion promoter to intended surfaces according to FBMST Manufacturers and/or Agency Representative requirements depending on specified surface needs. -Pretreatment will be supplied according to FBMST Manufacturers requirements.

b) Pretreatment will be applied with an approved application method and equipment capable to fully cover the intended surface and allow the FBMST to be properly placed.

c) Pretreatment application rate of 0.023 to 0.030 gallons per square yard will be required for all surfaces needing pretreatment. -Pretreatment can be applied by a system mounted on the distributor, a system on a secondary equipment in front of distributor or secondary equipment a time period in front of the distribution equipment.

d) Pretreatment best practice is to be mounted on the distribution system equipment and applied by mist spraying just in front to the FBMST application.

C. APPLICATION OF MASTIC SURFACE TREATMENT

1. Uniformly apply FBMST as shown in contract documents. -Maintain a homogenous mix conforming to the approved job mix formula from the approved mix design delivered to the job site and properly applied to the intended surface.

TEXTURED BITUMINOUS MASTIC SURFACE TREATMENT GUIDELINE

2. Allowable \mp BMST application methods -
 - a) *Multiport Spray Bar – low and high pressure* *and/or Scrub*
Brush or Broom capable
 - b) *Multiport Spray Fan – high volume low pressure delivery* *and/or Scrub*
Brush or Broom capable
 - c) *Gravity Channel Drag-box* *and/or Scrub*
Brush or Broom capable
 - d) *Multiport Distribution Drag-box* *and/or Scrub*
Brush or Broom capable
3. NO dilution of the mix in the field with water or other additives except as directed by \mp BMST Manufacturer and approved by Agency Representative.
4. Storage tank with full sweep agitation, sufficient power system, operator controls, pumping system with multiple pumps, material filters or screens, and application bar capable to apply full lane width.
5. Sufficient available power to operate full applicator system and the agitation system at the same time.
6. System allowing the measurement and calculation of application rates.
7. Pumps engineered to allow the system to handle specified angular aggregate materials.
8. Pumps equipped with primary filter prior to the pumps and allow for a secondary filter system (if needed and capable) for the fine post pump filtration of material.
9. Application bar sized with volumetric capacity to dampen any possible pressure ripples by providing even pressure to all application points and capable of height adjustment during application process or as needed.
10. Where allowed and approved, provide a safe area on the back of the distributor for a qualified operator to monitor and control clean out the application system while directing the distributor driver when to stop for adjustments.
11. Monitor the \mp BMST application and the condition and operation of the distributor equipment by using a qualified ground foreman with regular two-way radio communication to the distributor for maintaining application continuity and quality.
12. Apply the \mp BMST utilizing one pass of the distributor supplying the entirety of the specified application rate.

TEXTURED BITUMINOUS MASTIC SURFACE TREATMENT GUIDELINE

Application Type	One Pass Target, Lbs/Yd ² - Gal/Yd ²	Two Pass per Pass Target, Lbs/Yd ² - Gal/Yd ²	Total Application Target, Lbs/Yd ² - Gal/Yd ²
Spray Applied	2.0-4.5 - 0.25-0.40	1.0-2.2 - 0.15-0.22	2.0-4.5 - 0.25-0.40
Multi-Port Drag-box	2.5-5.0 - 0.25-0.48	1.2-2.2 - 0.15-0.24	2.4-5.0 - 0.25-0.48
Scrub Brush or Scrub Broom	2.5-5.0 - 0.25-0.48	1.2-2.2 - 0.15-0.24	2.4-5.0 - 0.25-0.48
Pretreatment	0.023 - 0.035 gallons/yd ²		

TEXTURED BITUMINOUS MASTIC SURFACE TREATMENT GUIDELINE

13. Allow two pass application of \mp BMST if needed for ~~consistent-uniform surface texture coverage~~ needs and as required by Agency Representative, \mp BMST Manufacturer or \mp BMST Technology Provider to maintain high quality in place final surface.
14. At the beginning of each applied section, start the application on a strip of building paper that is wide and long enough to cover the full depth and width of the application bar. -If the application cut-off is not positive, use paper at the end of each applied section. -Remove and dispose of the paper in accordance with local ordinances. The distributor will be moving forward at proper speed when the application is ~~initiated, unless initiated unless~~ the distributor is equipped to apply specified rates from a standing start.
15. Correct any skipped area or deficiencies.- Provide complete and uniform coverage.
16. Construct junctions (joints) of applications to obtain a smooth riding surface. Alternative methods of constructing junctions may be approved by the Agency Representative.
17. Regulate the distribution of the mix to obtain a uniform application cross-web and downstream.- Frequently check and adjust the angle of application points and the height of application distribution to obtain uniform distribution.
18. When utilizing spray bars with spray nozzles maintain equipment to provide a continuous uniform application distribution. -Immediately stop application should any nozzle malfunction. -If the application bar rises as the load is removed, contributing to a drilling and streaking, modify the distributor to maintain a constant application bar height. Correct any deficiency before distribution is resumed.
19. Projects utilizing gravity feed chute and drag-box will be full application width and capable to handle and deliver the specified target material rates needed for the surface.
20. Projects requiring the use of a Scrub Mastic system for the \mp BMST will require the use of an approved scrub drag brush/broom to apply the \mp BMST at the approved specified rate. -Scrub Drag Brush/Broom will be full application width and capable to handle the specified target material rates needed for the surface.

D. TREATMENT OF ADJACENT AREAS

1. When shown in the contract documents place the \mp BMST at existing intersections and entrances, mailbox turnouts, etc. having asphalt surfaces.

E. CURING

1. Provide adequate means to protect the \mp BMST surface from damage by traffic until the mix has cured sufficiently. -Allow the mix to cure so there is NO adherence or picking up by tires of vehicles. -Allow traffic on the surface once the mix has cured.

F. WEATHER LIMITATIONS

1. \mp BMST will be placed when ambient air temperature is 50°F or higher.
2. Temperature forecast must show higher than 32°F and above freezing within 24 hours after placement for application conditions to be acceptable.
3. Follow all weather related requirements from the \mp BMST Manufacturer.
4. Make sure NO fog, rain, or wet surface when placing \mp BMST.

~~TEXTURED~~ BITUMINOUS MASTIC SURFACE TREATMENT GUIDELINE

G. ACCEPTANCE

1. The Agency Representative along with the Application Contractor may inspect the ~~±~~BMST within a reasonable time after the work is completed to verify completion of contracted work. ~~Any~~ deficiencies will be corrected as approved and agreed with the Agency Representative and Application Contractor.

Special Specification 3028

Frictional Asphaltic Surface Preservation Treatment



1. DESCRIPTION

Apply a surface preservation treatment consisting of one or more applications of a single layer of asphaltic and aggregate material.

2. MATERIALS

Furnish materials in accordance with the following:

2.1. Asphalt.

Furnish an emulsified asphalt in accordance with Table 1. Provide water in accordance with Article 204.2., "Materials."

Table 1. Emulsified Asphalt

Property	Test Procedure	Min	Max
Viscosity	T 59	20	100
Particle Charge Test	T 59	Positive	
Sieve, %	T 59	0	0.1
Residue by Distillation, percent	T 59	60	-
Penetration at 77°F, 100 g, 5 sec.	T 49	40	150

Use a quantity of emulsified asphalt in the mixture, expressed as a percentage of total weight, the percentage shown on the plans, or as directed.

2.2. Aggregate. Furnish aggregate meeting Item 302, "Aggregates for Surface Treatments," of the grade shown in Table 2.

Table 2. Aggregates

Physical Properties ¹			
Property	Test Procedure	Min.	Max.
Water Absorption, %	T 84	-	4
Micro-Deval, %	D 7428 ²	-	20
Gradation ³			
Sieve	Standard	Master Grading Band Limits Percent Passing	
No. 8	C 136	100	
No. 16	C 136	85-100	
No. 30	C 136	75-100	
No. 60	C 136	10-40	
No. 100	C 136	0-10	
No. 200	C 117	0-5	
			Target Tolerance
			± 5
			± 5
			± 5
			± 1

1. Perform physical property tests on aggregates that are received before blending into sealer.
2. Micro-Deval on aggregate larger than No. 60 sieve U.S.

2.3. Additives. Add clay, polymers, water, and other additives as required. Use a minimum of 4% polymer by weight. Furnish water free of industrial wastes and other objectionable matter.

or:

Other Additives. Use approved additives as recommended by the Frictional Asphaltic Surface Preservation Treatment manufacturer when necessary to adjust mix time in the field.

3. MIX DESIGN

3.1 Furnish a laboratory mix design meeting the requirements shown in Table 3:

Table 3. Laboratory Mix Design

Test	Test Procedure	Min	Max
Wet-Track Abrasion Loss, 3 day soak, g/m ²	D 3910 ¹	--	80
Asphalt Content by Ignition Method, %	T 308	30	--
Dynamic Friction Test Number, 20 kph	E 1911 ²	0.90	--

1. Use the modified method to account for realistic application depth and fine emulsion mixture.
2. Establish base friction value using prepared laboratory compacted slab of approved mix as surface to be tested. The Dynamic Friction Test (DFT) number ratio should indicate that after application of the mastic seal, the surface retains required minimum percentage DFT number of the original pavement surface.

3.2 Furnish a production or field sample meeting the requirements shown in Table 4:

Table 4. Production or Field Sample

Test	Test Procedure	Min	Max
Solids Content by Evaporation, %	T 59 ¹	48	--
Asphalt Content by Ignition Method, %	T 308 ³	30	--
Rotational Viscosity, 20 rpm, RV spindle, 25°C, cP	D 2196 ²	800	4000
Temperature for storage and application, °F	--	60	130

1. Dry specimens to a state where measurements taken 20 minutes apart do not change.
2. Test samples within 7 days.
3. Reduce sample size to achieve asphalt quantity. It is very important that this test be performed on a completely dry sample.

4. EQUIPMENT

4.1 **Mixing Plant.** Provide a stationary pugmill, weigh-batch, or continuous mixing plant as approved. Equip plants with digital proportioning and metering devices that produce a uniform mixture of asphalt, aggregate and additives in the specified proportions.

4.2 **Distributor.** Provide applicable equipment in accordance with Article 316.3., "Equipment." Furnish the necessary facilities and equipment for determining the temperature of the mixture, regulating the application rate, and securing uniformity at the junction of 2 distributor loads. Furnish a distributor capable of keeping the Frictional Asphaltic Surface Preservation Treatment in uniform suspension and adequately mixing the asphalt, aggregate and additives.

4.3 **Asphalt Storage and Handling Equipment.** When using storage tanks, furnish a thermometer in each tank to continuously indicate the asphalt temperature. Keep equipment clean and free of leaks. Keep asphalt material free of contamination. Furnish storage tanks capable of keeping the Frictional Asphaltic Surface Preservation Treatment in uniform suspension and adequately mixing the asphalt, aggregate and additives.

5. CONSTRUCTION

5.1 **Adverse Weather Conditions.** Do not place mixture when, in the Engineer's opinion, general weather conditions are unsuitable. Meet the requirements for air and surface temperature shown below.

5.1.1 **Standard Temperature Limitations.** Apply mixture when air temperature is above 50°F and rising. Do not apply mixture when air temperature is 60°F and falling. In all cases, do not apply mixture when surface temperature is below 60°F.

- 5.1.2. **Cool Weather Night Air Temperature.** The Engineer reserves the right to review the **National Oceanic and Atmospheric Administration (NOAA)** weather forecast and determine if the nightly air temperature is suitable for mixture placement.
- 5.1.3. **Cold Weather Application.** When mixture application is allowed outside of the above temperature restrictions, the Engineer will approve the mixture and the air and surface temperatures for application. Apply mixture at air and surface temperatures as directed.
- 5.2. **Surface Preparation.** Remove existing raised pavement markers. Repair any damage incurred by removal as directed. Remove dirt, dust, or other harmful material before applying. When shown on the plans, remove vegetation and blade pavement edges.
- 5.3. **Application.** Apply the mixture when the air temperature is at or above 60°F, or above 50°F and rising. Measure the air temperature in the shade away from artificial heat. The Engineer will determine when weather conditions are suitable for application.
- Distribute material at the following rates or as directed:
- First application: 1.0 to 1.5 lbs per SY.
 - Second application: 1.0 to 1.5 lbs per SY.
 - Total application after the second application: 2.5 lbs per SY minimum.
- 5.4. **Edges.** Adjust the shot width so operations do not encroach on traffic or interfere with the traffic control plan, as directed. Use paper or other approved material at the beginning and end of each shot to construct a straight traverse joint. Unless otherwise approved, match longitudinal joints with the lane lines. The Engineer may require a string line if necessary to keep the edge straight. Use sufficient pressure to flare the nozzles fully.
- 5.5. **Workmanship.** Immediately take corrective action if treatment material is exhibiting evidence of poor workmanship, delayed opening to traffic, or surface irregularities, including streaks, uncoated, and blotchy areas. The Engineer may allow placement to continue for no more than one day of production while taking appropriate action. Suspend application if the problem still exists after one day until the problem is corrected to the satisfaction of the Engineer.
- 5.6. **Opening to Traffic.** Open the treated surface to traffic when directed. Furnish and uniformly distribute clean, fine sand on the surface to blot the excess when an excessive quantity of mixture is applied. Maintain ingress and egress as directed by applying sand to freshly treated areas.

6. MEASUREMENT

Frictional Asphaltic Surface Preservation Treatment will be measured by the ton or by the square yard of the composite Frictional Asphaltic Surface Preservation Treatment mixture, which includes asphalt emulsion, aggregate, and additives. At the completion of the project, any unused Frictional Asphaltic Surface Preservation Treatment will be weighed back and deducted from the accepted Frictional Asphaltic Surface Preservation Treatment quantity delivered.

7. PAYMENT

The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit bid price per ton or square yard for "Frictional Asphaltic Surface Preservation Treatment." This price is full compensation for preparing the existing surface (including removing existing raised pavement markers); furnishing, hauling, preparing, and placing materials; and equipment, labor, tools, and incidentals.

EXHIBIT 3

SERVICE DESIGNATION AREAS

Texas Service Area Designation or Identification			
Proposing Firm Name:	<i>INNOVATIVE ROADWAY SOLUTIONS, LLC.</i>		
Notes:	Indicate in the appropriate box whether you are proposing to service the entire state of Texas		
	Will service the entire state of Texas	Will not service the entire state of Texas	
		✓	
	If you are not proposing to service the entire state of Texas, designate on the form below the regions that you are proposing to provide goods and/or services to. By designating a region or regions, you are certifying that you are willing and able to provide the proposed goods and services.		
Item	Region	Metropolitan Statistical Areas	Designated Service Area
1.	North Central Texas	16 counties in the Dallas-Fort Worth Metropolitan area	✓
2.	High Plains	Amarillo Lubbock	✓
3.	Northwest	Abilene Wichita Falls	✓
4.	Upper East	Longview Texarkana, TX-AR Metro Area Tyler	✓
5.	Southeast	Beaumont-Port Arthur	
6.	Gulf Coast	Houston-The Woodlands- Sugar Land	
7.	Central Texas	College Station-Bryan Killeen-Temple Waco	✓
8.	Capital Texas	Austin-Round Rock	
9.	Alamo	San Antonio-New Braunfels Victoria	
10.	South Texas	Brownsville-Harlingen Corpus Christi Laredo McAllen-Edinburg-Mission	
11.	West Texas	Midland Odessa San Angelo	✓
12.	Upper Rio Grande	El Paso	✓

(Exhibit 3 continued on next page)

Nationwide Service Area Designation or Identification Form			
Proposing Firm Name:		INNOVATIVE ROADWAY SOLUTIONS, LLC	
Notes:		Indicate in the appropriate box whether you are proposing to provide service to all Fifty (50) States.	
		Will service all fifty (50) states	Will not service fifty (50) states
			✓
If you are not proposing to service to all fifty (50) states, then designate on the form below the states that you will provide service to. By designating a state or states, you are certifying that you are willing and able to provide the proposed goods and services in those states.			
If you are only proposing to service a specific region, metropolitan statistical area (MSA), or City in a State, then indicate as such in the appropriate column box.			
Item	State	Region/MSA/City (write "ALL" if proposing to service entire state)	Designated as a Service Area
1.	Alabama		
2.	Alaska		
3.	Arizona		
4.	Arkansas		✓
5.	California		
6.	Colorado		
7.	Connecticut		
8.	Delaware		
9.	Florida		
10.	Georgia		
11.	Hawaii		
12.	Idaho		
13.	Illinois		
14.	Indiana		
15.	Iowa		✓
16.	Kansas		✓
17.	Kentucky		
18.	Louisiana		
19.	Maine		

20.	Maryland		
21.	Massachusetts		
22.	Michigan		
23.	Minnesota		
24.	Mississippi		
25.	Missouri		✓
26.	Montana		
27.	Nebraska		✓
28.	Nevada		
29.	New Hampshire		
30.	New Jersey		
31.	New Mexico		
32.	New York		
33.	North Carolina		
34.	North Dakota		
35.	Ohio		
36.	Oregon		
37.	Oklahoma		✓
38.	Pennsylvania		
39.	Rhode Island		
40.	South Carolina		
41.	South Dakota		
42.	Tennessee		
43.	Texas		✓
44.	Utah		
45.	Vermont		
46.	Virginia		
47.	Washington		
48.	West Virginia		
49.	Wisconsin		
50.	Wyoming		

End of Exhibit 3

**ATTACHMENT I:
INSTRUCTIONS FOR PROPOSALS COMPLIANCE AND SUBMITTAL**

REQUIRED ATTACHMENT CHECKLIST

This checklist is provided as a courtesy to responding firms. Please utilize this checklist to ensure that all required attachments are included with your proposal. IF AN ATTACHMENT DOES NOT APPLY, PLEASE MARK AS “**NOT APPLICABLE**” AND SUBMIT WITH THE PROPOSAL. **FAILURE TO SUBMIT ALL REQUIRED DOCUMENTS MAY NEGATIVELY IMPACT YOUR EVALUATION SCORE.**

- Cover Sheet
- Exhibit 1: Categories Selected, Pricing & Current Published Price List
- Exhibit 2: Sample Market Basket Form
- Exhibit 3: Service Area Designation Forms
- Attachment I: Instructions for Proposals Compliance and Submittal
- Attachment II: Certification of Offeror
- Attachment III: Certification Regarding Debarment
- Attachment IV: Restrictions on Lobbying
- Attachment V: Drug-Free Workplace Certification
- Attachment VI: Certification Regarding Disclosure of Conflict of Interest
- Attachment VII: Certification of Fair Business Practices
- Attachment VIII: Certification of Good Standing Texas Corporate Franchise Tax Certification
- Attachment IX: Historically Underutilized Businesses, Minority Or Women-Owned Or Disadvantaged Business Enterprises
- Attachment X: Federal and State of Texas Required Procurement Provisions
- Attachment XI: Conflict of Interest Questionnaire

Compliance with the Solicitation

Submissions must be in strict compliance with this solicitation. Failure to comply with all provisions of the solicitation may result in disqualification. You recognize that all proposals must be submitted electronically through PublicPurchase.com by the RFP due date and time. All other forms of submissions will be deemed nonresponsive and will not be opened or considered.

Acknowledgment of Insurance Requirements

By signing its submission, you acknowledge that it has read and understands the insurance requirements for the submission. You also understand that the evidence of required insurance may be requested to be submitted within ten (10) working days following notification of its offer being accepted; otherwise, NCTCOG may rescind its acceptance of the your proposals. The insurance requirements are outlined in Section 6.4.

Innovative Roadway Solutions, LLC.

Name of Organization/Contractor


Signature of Authorized Representative

Kevin King

Printed/Typed Name and Title of Authorized Representative

8/20/2024

Date

**ATTACHMENT II:
CERTIFICATIONS OF OFFEROR**

I hereby certify that the information contained in this proposal and any attachments is true and correct and may be viewed as an accurate representation of proposed services to be provided by this organization. I certify that no employee, board member, or agent of the North Central Texas Council of Governments has assisted in the preparation of this proposal. I agree that failure to submit all requested information may result in rejection of this proposal as non-responsive. I acknowledge that I have read and understand the requirements and provisions of the solicitation and that the organization will comply with the regulations and other applicable local, state, and federal regulations and directives in the implementation of this contract.

I also certify that I have read and understood all sections of this solicitation and will comply with all the terms and conditions as stated; and furthermore that I, Kevin King (typed or printed name) certify that I am the President (title) of the corporation, partnership, or sole proprietorship, or other eligible entity named as you and you herein and that I am legally authorized to sign this offer and to submit it to the North Central Texas Council of Governments, on behalf of said Offeror by authority of its governing body.

Innovative Roadway Solutions, LLC.

Name of Organization/Contractor


Signature of Authorized Representative

Kevin King

Printed/Typed Name and Title of Authorized Representative

8/20/2024

Date

**ATTACHMENT III:
CERTIFICATION REGARDING DEBARMENT, SUSPENSION AND OTHER RESPONSIBILITY MATTERS**

This certification is required by the Federal Regulations Implementing Executive Order 12549, Debarment and Suspension, 45 CFR Part 93, Government-wide Debarment and Suspension, for the Department of Agriculture (7 CFR Part 3017), Department of Labor (29 CFR Part 98), Department of Education (34 CFR Parts 85, 668, 682), Department of Health and Human Services (45 CFR Part 76).

The undersigned certifies, to the best of his or her knowledge and belief, that both it and its principals:

1. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency;
2. Have not within a three-year period preceding this contract been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or Local) transaction or contract under a public transaction, violation of federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification, or destruction of records, making false Proposals, or receiving stolen property;
3. Are not presently indicated for or otherwise criminally or civilly charged by a government entity with commission of any of the offense enumerated in Paragraph (2) of this certification; and,
4. Have not within a three-year period preceding this contract had one or more public transactions terminated for cause or default.

Where the prospective recipient of federal assistance funds is unable to certify to any of the qualifications in this certification, such prospective recipient shall attach an explanation to this certification form.

Innovative Roadway Solutions, LLC.

Name of Organization/Contractor(s):

JHFKCAQMFXD3/9AE41

SAM.GOV Unique Identity ID:


Signature of Authorized Representative

Kevin King

Printed/Typed Name and Title of Authorized Representative

8/20/2024

Date

**ATTACHMENT IV:
RESTRICTIONS ON LOBBYING**

Section 319 of Public Law 101-121 prohibits recipients of federal contracts, grants, and loans exceeding \$100,000 at any tier under a federal contract from using appropriated funds for lobbying the Executive or Legislative Branches of the federal government in connection with a specific contract, grant, or loan. Section 319 also requires each person who requests or receives a federal contract or grant in excess of \$100,000 to disclose lobbying.

No appropriated funds may be expended by the recipient of a federal contract, loan, or cooperative agreement to pay any person for influencing or attempting to influence an officer or employee of any federal executive department or agency as well as any independent regulatory commission or government corporation, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with any of the following covered federal actions: the awarding of any federal contract, the making of any federal grant, the making of any federal loan the entering into of any cooperative agreement and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.

As a recipient of a federal grant exceeding \$100,000, NCTCOG requires its subcontractors of that grant to file a certification, set forth in Appendix B.1, that neither the agency nor its employees have made, or will make, any payment prohibited by the preceding paragraph.

Subcontractors are also required to file with NCTCOG a disclosure form, set forth in Appendix B.2, if the subcontractor or its employees have made or have agreed to make any payment using nonappropriated funds (to include profits from any federal action), which would be prohibited if paid for with appropriated funds.

(Attachment continued on next page)

**LOBBYING CERTIFICATION
FOR CONTRACTS, GRANTS, LOANS, AND COOPERATIVE AGREEMENTS**

The undersigned certifies, to the best of his or her knowledge or belief, that:

1. No federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an officer or employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal loan, the entering into of any cooperative Contract, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative contract; and
2. If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, and or cooperative contract, the undersigned shall complete and submit Standard Form – LLL, “Disclosure Form to Report Lobbying”, in accordance with the instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers and that all sub-recipients shall certify accordingly.

Innovative Roadway Solutions, LLC.

Name of Organization/Contractor



Signature of Authorized Representative

Kevin King

Printed/Typed Name and Title of Authorized Representative

8/20/2024

Date

**ATTACHMENT V:
DRUG-FREE WORKPLACE CERTIFICATION**

The Innovative Roadway Solutions, LLC. (company name) will provide a Drug Free Work Place in compliance with the Drug Free Work Place Act of 1988. The unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited on the premises of the Innovative Roadway Solutions, LLC. (company name) or any of its facilities. Any employee who violates this prohibition will be subject to disciplinary action up to and including termination. All employees, as a condition of employment, will comply with this policy.

CERTIFICATION REGARDING DRUG-FREE WORKPLACE

This certification is required by the Federal Regulations Implementing Sections 5151-5160 of the Drug-Free Workplace Act, 41 U.S.C. 701, for the Department of Agriculture (7 CFR Part 3017), Department of Labor (29 CFR Part 98), Department of Education (34 CFR Parts 85, 668 and 682), Department of Health and Human Services (45 CFR Part 76).

The undersigned subcontractor certifies it will provide a drug-free workplace by:

Publishing a policy Proposal notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the workplace and specifying the consequences of any such action by an employee;

Establishing an ongoing drug-free awareness program to inform employees of the dangers of drug abuse in the workplace, the subcontractor's policy of maintaining a drug-free workplace, the availability of counseling, rehabilitation and employee assistance programs, and the penalties that may be imposed on employees for drug violations in the workplace;

Providing each employee with a copy of the subcontractor's policy Proposal;

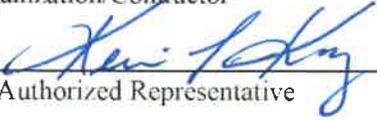
Notifying the employees in the subcontractor's policy Proposal that as a condition of employment under this subcontract, employees shall abide by the terms of the policy Proposal and notifying the subcontractor in writing within five days after any conviction for a violation by the employee of a criminal drug abuse statute in the workplace;

Notifying the Board within ten (10) days of the subcontractor's receipt of a notice of a conviction of any employee; and,

Taking appropriate personnel action against an employee convicted of violating a criminal drug statute or requires such employee to participate in a drug abuse assistance or rehabilitation program.

Innovative Roadway Solutions, LLC.

Name of Organization/Contractor


Signature of Authorized Representative

Kevin King

Printed/Typed Name and Title of Authorized Representative

8/20/2024

Date

**ATTACHMENT VI:
CERTIFICATION REGARDING DISCLOSURE OF CONFLICT OF INTEREST**

The undersigned certifies that, to the best of his or her knowledge or belief, that:

“No employee of the contractor, no member of the contractor’s governing board or body, and no person who exercises any functions or responsibilities in the review or approval of the undertaking or carrying out of this contract shall participate in any decision relating to this contract which affects his/her personal pecuniary interest.

Executives and employees of contractor shall be particularly aware of the varying degrees of influence that can be exerted by personal friends and associates and, in administering the contract, shall exercise due diligence to avoid situations which give rise to an assertion that favorable treatment is being granted to friends and associates. When it is in the public interest for the contractor to conduct business with a friend or associate of an executive or employee of the contractor, an elected official in the area or a member of the North Central Texas Council of Governments, a permanent record of the transaction shall be retained.

Any executive or employee of the contractor, an elected official in the area or a member of the NCTCOG, shall not solicit or accept money or any other consideration from a third person, for the performance of an act reimbursed in whole or part by contractor or Department. Supplies, tools, materials, equipment or services purchased with contract funds shall be used solely for purposes allowed under this contract. No member of the NCTCOG shall cast a vote on the provision of services by that member (or any organization which that member represents) or vote on any matter which would provide a direct or indirect financial benefit to the member or any business or organization which the member directly represents”.

No officer, employee or paid consultant of the contractor is a member of the NCTCOG.

No officer, manager or paid consultant of the contractor is married to a member of the NCTCOG.

No member of NCTCOG directly owns, controls or has interest in the contractor.

The contractor has disclosed any interest, fact, or circumstance that does or may present a potential conflict of interest.

No member of the NCTCOG receives compensation from the contractor for lobbying activities as defined in Chapter 305 of the Texas Government Code.

Should the contractor fail to abide by the foregoing covenants and affirmations regarding conflict of interest, the contractor shall not be entitled to the recovery of any costs or expenses incurred in relation to the contract and shall immediately refund to the North Central Texas Council of Governments any fees or expenses that may have been paid under this contract and shall further be liable for any other costs incurred or damages sustained by the NCTCOG as it relates to this contract.

Innovative Roadway Solutions, LLC.

Name of Organization/Contractor


Signature of Authorized Representative:

Kevin King

Printed/Typed Name and Title of Authorized Representative

8/20/2024

Date

**ATTACHMENT VIII:
CERTIFICATION OF GOOD STANDING
TEXAS CORPORATE FRANCHISE TAX CERTIFICATION**

Pursuant to Article 2.45, Texas Business Corporation Act, state agencies may not contract with for profit corporations that are delinquent in making state franchise tax payments. The following certification that the corporation entering into this offer is current in its franchise taxes must be signed by the individual authorized on Form 2031, Corporate Board of Directors Resolution, to sign the contract for the corporation.

The undersigned authorized representative of the corporation making the offer herein certified that the following indicated Proposal is true and correct and that the undersigned understands that making a false Proposal is a material breach of contract and is grounds for contract cancellation.

Indicate the certification that applies to your corporation:

The Corporation is a for-profit corporation and certifies that it is not delinquent in its franchise tax payments to the State of Texas.

The Corporation is a non-profit corporation or is otherwise not subject to payment of franchise taxes to the State of Texas.

Type of Business (if not corporation):

- Sole Proprietor
- Partnership
- Other

Pursuant to Article 2.45, Texas Business Corporation Act, the North Central Texas Council of Governments reserves the right to request information regarding state franchise tax payments.

Innovative Roadway Solutions, LLC.
Name of Organization/Contractor


Signature of Authorized Representative

Kevin King, President
Printed/Typed Name and Title of Authorized Representative

8/20/2024
Date

**ATTACHMENT IX:
HISTORICALLY UNDERUTILIZED BUSINESSES, MINORITY OR WOMEN-OWNED OR
DISADVANTAGED BUSINESS ENTERPRISES**

Historically Underutilized Businesses (HUBs), minority or women-owned or disadvantaged businesses enterprises (M/W/DBE) are encouraged to participate in the solicitation process.

NCTCOG recognizes the certifications of most agencies. This applies only to the Offeror and not a subcontractor. HUB vendors must submit a copy of their certification for consideration during the evaluation of their proposal. Please attach a copy to this form.

Texas vendors who are not currently certified are encouraged to contact either the Texas United Certification Program, State of Texas HUB Program, or the North Central Texas Regional Certification Agency, among others. Contact:

State of Texas HUB Program
Texas Comptroller of Public Accounts
Lyndon B. Johnson State Office Building
111 East 17th Street
Austin, Texas 78774
(512) 463-6958
<http://www.window.state.tx.us/procurement/prog/hub/>

North Central Texas Regional Certification Agency
624 Six Flags Drive, Suite 100
Arlington, TX 76011
(817) 640-0606
<http://www.nctrca.org/certification.html>

Texas United Certification Program
USDOT website at
<https://www.transportation.gov/DBE>

You must include a copy of your certification document as part of this solicitation to receive points in the evaluation.

Vendor to Sign Below to Attest to Validity of Certification:

Vendor Name N/A

Authorized Signature

Typed Name

Date

ATTACHMENT X
NCTCOG FEDERAL AND STATE OF TEXAS REQUIRED PROCUREMENT PROVISIONS

Note: The following provisions are mandated by Federal and/or State of Texas law. Failure to certify the following will result in disqualification of consideration for contract. Entities or agencies that are not able to comply with the following statements will be ineligible for consideration of contract award.

(Attachment continued on next page)

PROHIBITED TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT CERTIFICATION

This Contract is subject to the Public Law 115-232, Section 889, and 2 Code of Federal Regulations (CFR) Part 200, including §200.216 and §200.471, for prohibition on certain telecommunications and video surveillance or equipment. Public Law 115-232, Section 889, identifies that restricted telecommunications and video surveillance equipment or services (e.g., phones, internet, video surveillance, cloud servers) include the following:

- A) Telecommunications equipment that is produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliates of such entities).
- B) Video surveillance and telecommunications equipment produced by Hytera Communications Corporations, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliates of such entities).
- C) Telecommunications or video surveillance services used by such entities or using such equipment.
- D) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, Director of the National Intelligence, or the Director of the Federal Bureau of Investigation reasonably believes to be an entity owned or controlled by the government of a covered foreign country. The entity identified below, through its authorized representative, hereby certifies that no funds under this Contract will be obligated or expended to procure or obtain telecommunication or video surveillance services or equipment or systems that use covered telecommunications equipment or services as a substantial or essential component of any system, or as a critical technology as part of any system prohibited by 2 CFR §200.216 and §200.471, or applicable provisions in Public Law 115-232 Section 889.

The Contractor or Subrecipient hereby certifies that it does comply with the requirements of 2 CFR §200.216 and §200.471, or applicable regulations in Public Law 115-232 Section 889.

Innovative Roadway Solutions, LLC.

Name of Organization/Contractor


Signature of Authorized Representative

Kevin King

Printed/Typed Name and Title of Authorized Representative

8/20/2024

Date:

-OR-

The Contractor or Subrecipient hereby certifies that it cannot comply with the requirements of 2 CFR §200.216 and §200.471, or applicable regulations in Public Law 115-232 Section 889.

Name of Organization/Contractor

Signature of Authorized Representative

Printed/Typed Name and Title of Authorized Representative

Date

(Attachment continued on next page)

DISCRIMINATION AGAINST FIREARMS ENTITIES OR FIREARMS TRADE ASSOCIATIONS

This contract is subject to the Texas Local Government Code chapter 2274, Subtitle F, Title 10, prohibiting contracts with companies who discriminate against firearm and ammunition industries.

TLGC chapter 2274, Subtitle F, Title 10, identifies that “discrimination against a firearm entity or firearm trade association” includes the following:

- A) means, with respect to the entity or association, to:
 - I. refuse to engage in the trade of any goods or services with the entity or association based solely on its status as a firearm entity or firearm trade association; and
 - II. refrain from continuing an existing business relationship with the entity or association based solely on its status as a firearm entity or firearm trade association; or
 - III. terminate an existing business relationship with the entity or association based solely on its status as a firearm entity or firearm trade association.

- B) An exception to this provision excludes the following:
 - I. contracts with a sole-source provider; or
 - II. the government entity does not receive bids from companies who can provide written verification.

The entity identified below, through its authorized representative, hereby certifies that they have no practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association; and that they will not discriminate during the term of the contract against a firearm entity or firearm trade association as prohibited by Chapter 2274, Subtitle F, Title 10 of the Texas Local Government Code.

The Contractor or Subrecipient hereby certifies that it does comply with the requirements of Chapter 2274, Subtitle F, Title 10.

Innovative Roadway Solutions, LLC.

Name of Organization/Contractor


Signature of Authorized Representative

Kevin King

Printed/Typed Name and Title of Authorized Representative

8/20/2024

Date

-OR-

The Contractor or Subrecipient hereby certifies that it cannot comply with the requirements of Chapter 2274, Subtitle F, Title 10.

Name of Organization/Contractor

Signature of Authorized Representative

Printed/Typed Name and Title of Authorized Representative

Date

(Attachment continued on next page)

(Attachment X: Cont.)

BOYCOTTING OF CERTAIN ENERGY COMPANIES

This contract is subject to the Texas Local Government Code chapter 809, Subtitle A, Title 8, prohibiting contracts with companies who boycott certain energy companies.

TLGC chapter Code chapter 809, Subtitle A, Title 8, identifies that “boycott energy company” means, without an ordinary business purpose, refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations with a company because the company:

- I. engages in the exploration, production, utilization, transportation, sale, or manufacturing of fossil fuel-based energy and does not commit or pledge to meet environmental standards beyond applicable federal and state law; and
- II. does business with a company described by paragraph (I).

The entity identified below, through its authorized representative, hereby certifies that they do not boycott energy companies, and that they will not boycott energy companies during the term of the contract as prohibited by Chapter 809, Subtitle A, Title 8 of the Texas Local Government Code.

The Contractor or Subrecipient hereby certifies that it does comply with the requirements of Chapter 809, Subtitle A, Title 8.

Innovative Roadway Solutions, LLC.

Name of Organization/Contractor


Signature of Authorized Representative

Kevin King

Printed/Typed Name and Title of Authorized Representative

8/20/2024

Date

-OR-

The Contractor or Subrecipient hereby certifies that it cannot comply with the requirements of Chapter 809, Subtitle A, Title 8.

Name of Organization/Contractor

Signature of Authorized Representative

Printed/Typed Name and Title of Authorized Representative

Date

ATTACHMENT XI:

CONFLICT OF INTEREST QUESTIONNAIRE
For vendor doing business with local governmental entity

FORM CIQ

This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.

A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

OFFICE USE ONLY
Date Received

1 Name of vendor who has a business relationship with local governmental entity.

Check this box if you are filing an update to a previously filed questionnaire. (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

3 Name of local government officer about whom the information is being disclosed.

Name of Officer

4 Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?

Yes No

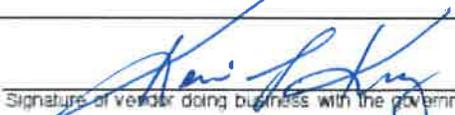
B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?

Yes No

5 Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.

Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).

7

Signature of Vendor doing business with the governmental entity: 

Date: 8/16/24