

**BID PROPOSAL
AND
SPECIFICATIONS**

FOR

**2024 MIDLAND COUNTY PAVEMENT MAINTENANCE PROJECT
FOG SEAL**

WTC No. 56276

WTC2024-001

**COUNTY JUDGE
Terry Johnson**

**COMMISSIONER PRECINCT 1
Scott Ramsey**

**COMMISSIONER PRECINCT 2
Jeff Somers**

**COMMISSIONER PRECINCT 3
Luis Sanchez**

**COMMISSIONER PRECINCT 4
Dianne Anderson**

**PUBLIC WORKS DIRECTOR
Andrew Avis**



405 SW 1st Street • Andrews, TX 79714 • (432) 523-2181
Texas Registered Engineering Firm F-2746
Texas Registered Surveyor Firm #100792-00

MIDLAND COUNTY, TEXAS

2024 MIDLAND COUNTY PAVEMENT MAINTENANCE PROJECT - FOG SEAL

MAY 2024

WTC No. 56276



THE SEAL APPEARING ON THIS
DOCUMENT WAS AUTHORIZED BY
JAMES C. TOMPKINS, P.E. 93839

Date: 5/22/24

James C. Tompkins, P.E., R.P.L.S.



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BID PROPOSAL

Bidder agrees to perform all work for **2024 Midland County Pavement Maintenance Project – Fog Seal** described in the Specifications and shown on the Plans, for the following unit prices.

WTC No. 56276

BASE

Item No.	Description	Unit	Estimated Quantity	Bid Unit	Bid Amount
1	Mobilization and demobilization	LS	1	\$	\$
2	Maintenance Seal (Fog Seal)	SY	1,286,139	\$	\$
3	Striping (Skip Yellow)	LF	405,221	\$	\$
4	Striping (Solid White)	LF	630,738	\$	\$
5	Traffic Control	LS	1	\$	\$
6	Striping Tabs	LS	1	\$	\$
TOTAL BASE BID ITEMS:					\$

Schedule table

Item No.	Description	Date/Duration	Unit
1	Expected duration		Days
2	Start Date		Date

**OWNER - MIDLAND COUNTY
ENGINEER - WTC, INC.**

GENERAL NOTES AND MODIFICATIONS AND CLARIFICATIONS TO THE STANDARD

SPECIFICATIONS DESCRIPTION OF WORK

THIS PROJECT INCLUDES THE FOLLOWING MAJOR ITEM OF WORK:

1. MAINTENANCE SEAL (FOG SEAL): CONTRACTOR SHALL APPLY A MAINTENANCE SEAL COAT TO THE ROADWAY SURFACE WHICH SHALL BE COMPOSED OF CMS-1P OR EQUIVALENT AS APPROVED BY ENGINEER. THE ASPHALT SHALL BE APPLIED EVENLY USING A DISTRIBUTOR TRUCK AT A RATE OF APPLICATION BETWEEN 0.12 AND 0.14 GALLONS PER SQUARE YARD. FOR AREAS THAT THE APPLICATION RATE WAS EXCEEDED OR ASPHALT IS PONDING THE SURFACE AREA SHALL BE COVERED WITH SAND AT A RATE OF 1.0 TO 2.0 POUNDS PER SQUARE YARD. EXCESS SAND SHALL BE REMOVED FROM THE ROADWAY SURFACE BY SWEEPING. ONCE FOG SEAL IS COMPLETED AND ASPHALT IS CURED, ROAD SHALL BE RE-STRIPED.

THE MAJOR ITEM OF WORK WILL BE COMPLETED ACCORDING TO THE PLANS AND DETAILS, AS WELL AS THE TXDOT STANDARD SPECIFICATIONS, AS MODIFIED/CLARIFIED BELOW.

SPECIFICATIONS

THE WORK SHALL BE CONSTRUCTED UNDER THE GENERAL GUIDELINES AS SET FORTH BY THE TEXAS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION FOR CONSTRUCTION AND MAINTENANCE OF HIGHWAYS, STREETS, AND BRIDGES, 2014 EDITION. THE OWNER AND ENGINEER RESERVE THE RIGHT TO HAVE FINAL INTERPRETATION AUTHORITY OF SPECIFICATIONS IN THE EVENT THAT A CONFLICT MAY ARISE. HOWEVER, IN THE EVENT THAT CONFLICT/ DISPUTE MAY ARISE, THE CONTRACT DOCUMENTS AND GENERAL NOTES SUPERSEDE THE TXDOT 2014 STANDARD SPECIFICATION.

ITEM 5: CONTROL OF THE WORK

IN THE EVENT A NEW OR REVISED TRAFFIC CONTROL PLAN IS SUBMITTED TO THE ENGINEER FOR CONSIDERATION, PREPARE AND SUBMIT REVISED TRAFFIC CONTROL PLAN A MINIMUM OF 10 DAYS PRIOR TO ANTICIPATED IMPLEMENTATION TO ALLOW FOR REVIEW BY THE ENGINEER AND OWNER. THIS PROJECT INVOLVES MAINTENANCE WORK ON EXISTING PAVEMENT SURFACES. TRAFFIC CONTROL DURING APPLICATION OF ASPHALT SHALL BE ACCORDING TO TRAFFIC CONTROL PLAN SEAL COAT OPERATIONS.

ITEM 8: PROSECUTION AND PROGRESS

TIME CHARGES FOR THIS PROJECT WILL BE CALENDAR DAYS. THE TIME ESTABLISHED FOR THE COMPLETION OF ALL WORK COVERED BY THIS CONTRACT IS 150 DAYS (5 MONTHS). DAYS WILL BE CHARGED SUNDAY THROUGH SATURDAY, INCLUDING ALL HOLIDAYS, REGARDLESS OF WEATHER CONDITIONS, MATERIAL AVAILABILITY, OR OTHER CONDITIONS NOT UNDER THE CONTROL OF THE CONTRACTOR. SUNDAY WORK WILL BE LIMITED TO ITEMS NOT REQUIRING INSPECTION, QUALITY ASSURANCE TESTING OR OVERSIGHT OF ANY KIND. LIQUIDATED DAMAGES DAILY RATE = \$500/ CALENDAR DAY BEYOND CONTRACT TIME LIMIT.

ITEM 9: MEASUREMENT AND PAYMENT

ALL QUANTITIES OF WORK SHALL BE PAID ON THE BASIS OF THE PLANS QUANTITY MEASUREMENT, PER ITEM 9, UNLESS THE ITEM IS SUBSIDIARY TO ANOTHER ITEM, IN WHICH CASE IT WILL NOT BE PAID FOR DIRECTLY. THE QUANTITIES SHOWN ARE APPROXIMATE AND TO BE VERIFIED BY CONTRACTOR. SPECIFIC EXCEPTIONS TO PLAN QUANTITY ITEMS ARE AS FOLLOWS: ITEM 315 FOG SEAL. PAYMENT FOR MATERIAL ON HAND WILL BE MADE AS OUTLINED IN ITEM 9 OF THE TXDOT 2014 STANDARD SPECIFICATION.

ITEM 100: PREPARING RIGHT-OF-WAY (R.O.W.)

IT IS THE INTENT ON THE PLANS TO PREPARE ONLY THAT PORTION OF THE RIGHT-OF-WAY

NECESSARY FOR CONSTRUCTION. CONTRACTOR IS NOT TO DISTURB ANY AREA BEYOND THE ROW UNLESS IT IS ALLOWED IN WRITING BY THE ENGINEER OR IS A DESIGNATED STAGING AREA. DO NOT DISTURB NATURAL VEGETATION AND TREES WHEREVER POSSIBLE. CONTRACTOR IS TO COMPLETE THE PREPARATION OF THE RIGHT-OF-WAY BASED ON THE CONDITION AT THE TIME OF BIDDING AND ADJUST BID PRICES ACCORDINGLY.

ITEM 300: ASPHALTS, OILS, AND EMULSIONS

THE ASPHALT FOR MAINTENANCE SEAL WILL BE CMS-1P. RATES WILL BE AS SHOWN IN ITEM 1 OF THIS SPECIFICATION. PAVEMENT SHALL BE ADEQUATELY BROOMED PRIOR TO APPLYING MAINTENANCE SEAL (FOG SEAL).

ITEM 315: FOG SEAL

FOG SEAL APPLICATION SHALL BE PERFORMER IN ACCORDANCE WITH THIS ITEM 315 OF THE TXDOT 2014 STANDARD SPECIFICATION WITH RATES AS SPECIFIED IN ITEM 1 OF THIS SPECIFICATION.

ITEM 502: BARRICADES, SIGNS, AND TRAFFIC HANDLING

SEE THE TRAFFIC CONTROL AND SEQUENCE OF WORK PLAN FOR ALL REQUIREMENTS FOR ITEM 502 INCLUDING TRAFFIC CONTROL AND SEQUENCE OF WORK PLANS. THE COST FOR ALL ITEMS OUTLINED AND INCLUDED IN ITEM 502 SHALL BE CONSIDERED SUBSIDIARY TO BID ITEMS.

ITEM 662: WORK ZONE PAVEMENT MARKINGS

CONTRACTOR TO PLACE TEMPORARY TABS ALONG THE EXISTING CENTERLINE AND EDGELINE STRIPING FOR STRIPING.

ITEM 666: RETROREFLECTORIZED PAVMENT MARKING

ROADS TO BE STRIPED WITH TYPE II TRAFFIC PAINT. STRIPING TO BE PERFORMED AS INDICATED ON PLANS. PAVEMENT SHALL BE ADEQUATELY BROOMED, IF NEEDED, PRIOR TO APPLYING MARKINGS. STRIPING IS TO BE APPLIED WHEN ASPHALT IS PROPERLY CURED.