

**CITY OF EL PASO, TEXAS  
AGENDA ITEM  
DEPARTMENT HEAD'S SUMMARY FORM**

**DEPARTMENT:** Engineering and Construction Management  
**AGENDA DATE** January 27, 2015  
**CONTACT PERSON/PHONE:** Irene D. Ramirez P.E., Interim City Engineer, (915) 212-1831  
Ted Marquez, Director, Department of Transportation (915) 621-6750  
**DISTRICT(S) AFFECTED:** All

**SUBJECT:**

Discussion and action to award Solicitation No. 2015-433 for Street Resurfacing 2015 to ZTEX CONSTRUCTION, INC., for an estimated total amount of \$7,999,002.60.

Department: Engineering and Construction Management  
Award to: ZTEX CONSTRUCTION, INC.  
El Paso, TX  
Base Bid 1: \$7,999,002.60  
Total Estimated Award: \$7,999,002.60  
Time for Completion: 365 Consecutive Calendar Days  
Accounts: **580270-4740-190-28900-PCP13ST002RSY3**  
Funding Source: Street Infrastructure FY 13 and FY 14  
District: All

It is requested that the City Manager be authorized to establish the funding sources and make any necessary budget transfers and execute any and all documents necessary for execution of this award.

Work under this unit price contract is only an estimated value and will be ordered, performed, invoiced, and paid by measured quantity. The actual cost of this contract may be higher or lower than the total estimated value and will be the sum total of unit prices at the end of the contract term.

As a part of this award, upon the review of the City Attorney, the City Engineer may without further authorization from City Council approve contract changes which are necessary for proper execution of the work and carrying out the intent of the project, which are in accordance with applicable law, do not make changes to the prices and are within the appropriate budget.

This is a low bid, unit price contract. The Engineering & Construction Management Department recommends award as indicated to the lowest responsive and responsible bidder.

**BACKGROUND / DISCUSSION:**

The resurfacing project includes replacing existing asphalt surface of the road with a new asphalt surface to the original grade of the street, which includes providing pedestrian path of travel and the removal of barriers to meet current ADA standards. The project also includes repairing structurally failed curbs, repairing sections of sidewalk that is not passable and installing concrete aprons around any penetrations in the asphalt surface such as manholes, water meters and monuments. This contract will address streets are selected solely on the criteria of the asphaltic surface condition (Pavement Condition Index Rating) that rank them within the currently approved CIP funding.

**SELECTION SUMMARY:**

Solicitation Advertised Dates:	November 11, 2014	November 18, 2014
Number of Interests:	72	
Bid Opened Date:	December 17, 2014	
Number of Bids Received:	Total 3	Local 3 Non-Local
Number of Bids:	Responsive 3	Non-Responsive
Bidder/Awardee is a	Local firm	From El Paso

**PRIOR COUNCIL ACTION:**

N/A

**AMOUNT AND SOURCE OF FUNDING:**

Total estimated amount: \$ 7,999,002.60 – Funding Source: Street Infrastructure FY 13 and FY 14

---

**BOARD / COMMISSION ACTION:**

N/A

---

\*\*\*\*\*REQUIRED AUTHORIZATION\*\*\*\*\*

DEPARTMENT HEAD: \_\_\_\_\_

(If Department Head Summary Form is initiated by Purchasing, client department should sign also)  
*Information copy to appropriate Deputy City Manager*

# **STREET RESURFACING 2015**

## **SOLICITATION No. 2015-433**

### **SCOPE OF WORK**

The City of El Paso intends to produce a street resurfacing program that will provide a new riding surface to the selected streets as well as updating the pedestrian elements of the selected streets and replacing damaged concrete parkway structures. This project will accomplish this goal using the following processes:

#### **CRUSHED AGGREGATE BASE COURSE REPAIR**

This item shall consist of a base course composed of crushed aggregates constructed on the underlying surface in accordance with specifications and shall conform to the dimensions and typical cross section of original design of the existing roadway and with the lines and grades approved by the Transportation Director or his/her designated representative.

#### **COLD MILLING**

This portion of the project consists of wedge milling at various inch depths of streets throughout the City of El Paso, Texas. The Contractor will mill the existing pavement within the designated limits for each location and transition it to match the existing pavement at a minimum width of 5 feet.

#### **HEATER SCARIFYING/RECYCLING/REJUVENATING AGENT**

This portion of the project consists of heater scarifying and recycling of worn bituminous pavements.

#### **PAVING**

The Contractor will place on a prepared surface SMAR or SMA overlay at the specified thickness for each location.

#### **HOT APPLIED THERMOPLASTIC MARKINGS**

The City of El Paso may use all, a portion, or none of the quantities in this item. The hot applied thermoplastic markings will consist of:

Hot Applied Thermoplastic Reflective Pavement Marking Type I, White, 4", Solid

Hot Applied Thermoplastic Reflective Pavement Marking Type I, White, 4", Broken

Hot Applied Thermoplastic Reflective pavement Marking Type I White, 4", SOLID  
RAISED PROFILE

Hot Applied Thermoplastic Reflective Pavement Marking Type I, White, 8", Solid

Hot Applied Thermoplastic Reflective Pavement Marking Type I, White, 18", Solid

Hot Applied Thermoplastic Reflective Pavement Marking Type I White, 24", Solid

Isosceles Triangles (YIELD) Hot Applied Thermoplastic Reflective Pavement Marking  
Type I, White, 12"x 18"

Isosceles Triangles (YIELD) Hot Applied Thermoplastic Reflective Pavement Marking  
Type I, White, 16"x 24"

Isosceles Triangles (YIELD) Hot Applied Thermoplastic Reflective Pavement Marking  
Type I, White, 24"x 36" W/2" STROKE

Heat-in-Place Preformed Thermoplastic Reflective Pavement Markings (LANE) VG 4'  
W/2" STROKE

Heat-in-Place Preformed Thermoplastic Reflective Pavement Markings (BIKE) VG 4'

Heat-in-Place Preformed Thermoplastic Reflective Pavement Marking Bike Lane  
(HOVDIAMOND) 6' x 18" W/2" STROKE

Hot Applied Thermoplastic Reflective Pavement Marking Type I, White Arrow

Hot Applied Thermoplastic Reflective Pavement Marking Type I, White, Double Arrow

Hot Applied Thermoplastic Reflective Pavement Marking Type I, White, Word

Hot Applied Thermoplastic Reflective Pavement Marking Type I, Double Yellow, 4"  
Each, Solid

Hot Applied Thermoplastic Reflective Pavement Marking Type I, Yellow, 4", Broken

Hot Applied Thermoplastic Reflective pavement Marking Type I, Yellow, 4" Each,  
Combination Solid Plus Broken (One Direction No Passing Marking Or Two Way Left  
Turn Channelization)

## **CONCRETE**

This item will consist of constructing and/or replacing curb and gutter, header curb, four (4) inch reinforced concrete driveways, six (6) inch reinforced driveways, sidewalks, wheel chair ramps, on various Street locations throughout the City of El Paso, Texas.

## **RIGID PVC (POLYVINIL CHLORIDE) CONDUIT AND GROUND BOXES**

This item will consist of the installation of 3 inch PVC conduit, 2 inch PVC conduit, type A ground boxes, and type C Ground boxes on various Street locations throughout the City of El Paso, Texas.

## **SPECIAL TRAFFIC CONTROL**

This item will consist of placing the necessary traffic control devices, light plants, and personnel for work on various Street locations throughout the City of El Paso, Texas.

## **CONCRETE APRONS FOR CIRCULAR PENETRATIONS IN ASPHALT PAVEMENTS**

This item will consist of raising all utility encasements and/or City monuments to the grade of the paved surface, with eight (8) inch reinforced utility aprons around the utility encasement and/or City monument on various Street locations throughout the City of El Paso, Texas.

## **RISER RINGS FOR UTILITY ENCASEMENTS/AND OR CITY MONUMENTS**

This item will consist of the installation of man-hole raiser rings on storm sewer man holes, water valves and/or city monuments throughout the City of El Paso, Texas.

## **ADJUSTMENT OF WATERVALVE AND/OR CITY MONUMENTS AND STORM AND/OR WASTE WATER MAN HOLES**

This item will consist of adjusting to grade water valves and/or City monuments, storm sewer and/or waste water sewer man holes throughout the City of El Paso, Texas.

**THIS IS A UNIT PRICE REQUIREMENTS CONTRACT WITH  
THE CITY OF EL PASO**

*Prior to commencement of any work, the Contractor shall submit and obtain approval from City of El Paso, Engineering & Construction Management Department, for the Sequence of Construction, Schedule of Work, and Haul/Waste Route to an approved disposal site. Traffic Control Plan must be submitted and approved, if applicable. Contractor shall provide written approved documentation from the owner or operator of the waste site.*

*The description of this scope of work as shown above is only a general overview of this project. Contractor shall refer to the project plans and specifications for further information.*

## **END SCOPE OF WORK**

# PROPOSAL

TO THE HONORABLE MAYOR AND CITY COUNCIL  
CITY OF EL PASO  
EL PASO, TEXAS

The undersigned having familiarized themselves with the local conditions affecting the cost of work and with the Contract documents consisting of Invitation to Bid, Instructions to Bidders, General Conditions, the Contractor's Proposal, Special Bid Conditions, Applicable Wage Rates, the Contract Form, plans, specifications, drawings, and addenda on file in the Engineering & Construction Management Department of the City of El Paso, hereby propose to perform everything required to be performed and to provide, furnish and install all the labor, materials, necessary tools, expendable equipment, and all utility and transportation services, and to complete in a workmanlike manner all the work required for the

## Street Resurfacing 2015

Solicitation No. 2015-433

within the specified limits and in accordance with the plans, including Addenda numbers 1, AT THE FOLLOWING **UNIT PRICES**:

### ONLY ONE BIDDER MAY BE AWARDED THIS CONTRACT PURSUANT TO THIS BID.

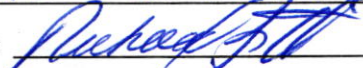
**Note:** For this solicitation, the lowest responsible bid will be determined based on the Base Bid.

**NOTE:** The quantities shown in the unit price schedule are ESTIMATES ONLY. They are shown here only for the purpose of comparing bids as an expected total expenditure. The City, at its sole discretion, will direct exactly how many actual units will be placed, and will pay for only those units that are ordered and accepted. No payments will be made regarding the estimated quantities, they are estimates only.

Estimates are minimums, but not guaranteed minimums, and the contract cost can increase so long as the unit costs remain the same and the increased funds are appropriated in the budget. Line item entries shall prevail over sum total entries. When discrepancies exist between unit prices and corresponding extended prices, unit prices shall prevail.

EACH PROPOSAL MUST BE SUBMITTED ON THE PRESCRIBED FORM AND all blank spaces on the proposal form for proposal prices must be filled in, in ink or typewritten. FAILURE TO FILL IN ALL BLANK SPACES SHALL CAUSE THE BID PROPOSAL TO BE DEEMED NOT RESPONSIVE AND BID PROPOSAL WILL NOT BE CONSIDERED IN DETERMINING THE LOWEST RESPONSIBLE BIDDER.

COMPANY NAME: ZTEX CONSTRUCTION, INC.

BIDDER'S SIGNATURE:  PRINT NAME: RICHARD ORTIZ



## Base Bid:


Item #	Estimated Qty	UNITS	DESCRIPTION	Bid Price	Total Amount (Quantity X Unit Price) DO NOT ROUND
1	30,000	S.Y.	WEDGE MILLING DEPTH 0 to 1"	\$ <u>1.24</u>	\$ <u>37,200.00</u>
2	350,000	S.Y.	WEDGE MILLING DEPTH 1" to 2 1/2"	\$ <u>1.24</u>	\$ <u>434,000.00</u>
3	20,000	S.Y.	WEDGE MILLING DEPTH 2 1/2" to 4 1/2"	\$ <u>2.65</u>	\$ <u>53,000.00</u>
4	5,000	S.Y.	WEDGE MILLING DEPTH 4 1/2" and Over	\$ <u>4.06</u>	\$ <u>20,300.00</u>
5	210,000	S.Y.	HEATER SCARIFYING	\$ <u>3.20</u>	\$ <u>672,000.00</u>
6	12,000	GALLON	REJUVENATING OIL	\$ <u>5.76</u>	\$ <u>69,120.00</u>
7	35,000	TON	SMAR	\$ <u>98.75</u>	\$ <u>3,456,250.00</u>
8	5,000	TON	SMA	\$ <u>78.75</u>	\$ <u>393,750.00</u>
9	4,400	L.F.	H.A.T.P. REFLECTIVE PAVEMENT 4" White Solid	\$ <u>0.76</u>	\$ <u>3,344.00</u>
10	3,000	L.F.	H.A.T.P. REFLECTIVE PAVEMENT 4" White Solid Raised Profile	\$ <u>2.67</u>	\$ <u>8,010.00</u>
11	1,600	L.F.	H.A.T.P. REFLECTIVE PAVEMENT 4" White Broken	\$ <u>0.76</u>	\$ <u>1,216.00</u>
12	1,000	L.F.	H.A.T.P. REFLECTIVE PAVEMENT 8" White Solid	\$ <u>1.44</u>	\$ <u>1,440.00</u>
13	1,000	L.F.	H.A.T.P. REFLECTIVE PAVEMENT 18" Solid	\$ <u>3.31</u>	\$ <u>3,310.00</u>
14	3,000	L.F.	H.A.T.P. REFLECTIVE PAVEMENT 24" Solid	\$ <u>4.28</u>	\$ <u>12,840.00</u>
15	400	EACH	H.A.T.P. REFLECTIVE PAVEMENT White Arrow	\$ <u>57.78</u>	\$ <u>23,112.00</u>
16	400	EACH	H.A.T.P. REFLECTIVE PAVEMENT White Double Arrow	\$ <u>68.89</u>	\$ <u>27,556.00</u>
17	400	EACH	H.A.T.P. REFLECTIVE PAVEMENT White Word	\$ <u>68.89</u>	\$ <u>27,556.00</u>
18	1,000	L.F.	H.A.T.P. REFLECTIVE PAVEMENT 4" EH Double Yellow Solid	\$ <u>1.53</u>	\$ <u>1,530.00</u>
19	1,000	L.F.	H.A.T.P. REFLECTIVE PAVEMENT 4" Broken Yellow	\$ <u>0.72</u>	\$ <u>720.00</u>

COMPANY NAME: ZTEX CONSTRUCTION INC.BIDDER'S SIGNATURE: Richard OrtizPRINT NAME: RICHARD ORTIZ



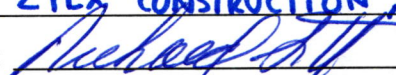
Item #	Estimated Qty	UNITS	DESCRIPTION	Bid Price	Total Amount (Quantity X Unit Price) DO NOT ROUND
20	1,000	L.F.	H.A.T.P. REFLECTIVE PAVEMENT 4" EH Yellow Combination Solid Plus Broken (One Direction No Passing Marking or Two Way Left Turn Channelization)	\$ <u>0.90</u>	\$ <u>900.00</u>
21	400	EACH	ISOSCELES TRIANGLES (YIELD) H.A.T.P. REFLECTIVE PAVEMENT MARKING TYPE 1, WHITE 12" x 18"	\$ <u>18.89</u>	\$ <u>7,556.00</u>
22	400	EACH	ISOSCELES TRIANGLES (YIELD) H.A.T.P. REFLECTIVE PAVEMENT MARKING TYPE 1, WHITE 16" x 24"	\$ <u>21.11</u>	\$ <u>8,444.00</u>
23	40	EACH	ISOSCELES TRIANGLES (YIELD) H.A.T.P. REFLECTIVE PAVEMENT MARKING TYPE 1, WHITE 24" x 36" W/2" Stroke	\$ <u>37.78</u>	\$ <u>1,511.20</u>
24	40	EACH	HEAT-IN-PLACE PREFORMED THERMOPLASTIC REFLECTIVEPAVEMENT MARKINGS (LANE) VG 4' W/2" STROKE	\$ <u>205.56</u>	\$ <u>8,222.40</u>
25	40	EACH	HEAT-IN-PLACE PREFORMED THERMOPLASTIC REFLECTIVEPAVEMENT MARKINGS (BIKE) VG 4'	\$ <u>172.20</u>	\$ <u>6,888.00</u>
26	40	EACH	HEAT-IN-PLACE PREFORMED THERMOPLASTIC REFLECTIVEPAVEMENT MARKINGS BIKE LANE (HOVDIAMOND) 6' X 18" W/2" STROKE	\$ <u>83.30</u>	\$ <u>3,332.00</u>
27	800	L.F.	3 INCH P.V.C.	\$ <u>10.18</u>	\$ <u>8,144.00</u>
28	800	L.F.	2 INCH P.V.C.	\$ <u>9.29</u>	\$ <u>7,432.00</u>
29	40	EACH	TYPE A GROUND BOX	\$ <u>274.10</u>	\$ <u>10,964.00</u>
30	40	EACH	TYPE C GROUND BOX	\$ <u>309.40</u>	\$ <u>12,376.00</u>
31	20,000	L.F.	HEADER CURB	\$ <u>8.00</u>	\$ <u>160,000.00</u>
32	50,000	L.F.	CURB AND GUTTER	\$ <u>11.07</u>	\$ <u>553,500.00</u>
33	250,000	S.F.	SIDEWALK	\$ <u>2.50</u>	\$ <u>625,000.00</u>

COMPANY NAME: RTEX CONSTRUCTION, INC.

BIDDER'S SIGNATURE:  PRINT NAME: RICHARD ORTIZ

Item #	Estimated Qty	UNITS	DESCRIPTION	Bid Price	Total Amount (Quantity X Unit Price) DO NOT ROUND
34	40,000	S.F.	FOUR (4) INCH DRIVEWAY	\$ <u>3.30</u>	\$ <u>132,000.00</u>
35	60,000	S.F.	SIX (6) INCH DRIVEWAY	\$ <u>4.55</u>	\$ <u>273,000.00</u>
36	100,000	S.F.	WHEEL CHAIR RAMPS	\$ <u>3.34</u>	\$ <u>334,000.00</u>
37	800	EACH	PREFORMED TACTILE WARNING TILE	\$ <u>169.40</u>	\$ <u>135,520.00</u>
38	120	HOURS	SPECIAL TRAFFIC CONTROL	\$ <u>52.95</u>	\$ <u>6,354.00</u>
39	1,250	EACH	8" APRONS FOR UTILITY PLACEMENTS	\$ <u>113.30</u>	\$ <u>141,625.00</u>
40	400	EACH	MAN HOLE RING RISER	\$ <u>72.00</u>	\$ <u>28,800.00</u>
41	400	EACH	ADJUST TO GRADE MANHOLE	\$ <u>106.70</u>	\$ <u>42,680.00</u>
42	75	EACH	ADJUST TO GRADE MONUMENT	\$ <u>60.00</u>	\$ <u>4,500.00</u>
43	600	EACH	ADJUST TO GRADE WATER VALVE	\$ <u>100.00</u>	\$ <u>60,000.00</u>
44	10,000	C.Y.	BASE REPAIR	\$ <u>18.00</u>	\$ <u>180,000.00</u>
SUM TOTAL BASE BID:				\$ <u>7,999,002.60</u>	

COMPANY NAME: ZTEX CONSTRUCTION, INC.

BIDDER'S SIGNATURE:  PRINT NAME: RICHARD ORTIZ



## CONTRACT TIME AND LIQUIDATED DAMAGES

Bidder agrees to commence work on a date to be specified in a written "Notice to Proceed" issued by the Owner. The Contract Time shall begin on the date to commence work specified in the "Notice to Proceed" and shall run for **three hundred sixty five (365) additional CONSECUTIVE CALENDAR DAYS** thereafter. Bidder further agrees to pay as liquidated damages the sum of **four hundred dollars and zero cents (\$400.00)** for each consecutive calendar day after the expiration of the Contract Time for Remaining Work, as provided in Paragraph 6.8.3.1 of the General Conditions. The unit price quantities of this contract are estimated.

## PROPOSAL

Enclosed with this proposal is a bid bond for five percent (5%) of the TOTAL bid price including base bid(s), alternate(s) and option(s) which is agreed shall be collected and retained by the owner(s) as liquidated damages in the event this proposal is accepted by the Owner within sixty (60) consecutive calendar days after the date advised for the reception of bids and the undersigned fails to execute the contract and the required performance and payment bonds with the Owner within fourteen (14) consecutive calendar days after the date said proposal is accepted; otherwise, the said bid security shall be returned to the undersigned upon demand.

THE UNDERSIGNED BIDDER REPRESENTS TO THE CITY AND TO THE OTHER BIDDERS THAT HIS/HER BID, AND THE ESTIMATES ON WHICH IT IS BASED, HAS BEEN CAREFULLY CHECKED AND CONTAINS NO ERRORS, AND NOTHING HAS BEEN OMITTED OR OVERLOOKED IN DETERMINING THE AMOUNTS BID.

BIDDER'S NAME: ZTEX CONSTRUCTION, INC  
(AS IT APPEARS ON ORGANIZATION CERTIFICATE ISSUED BY STATE IN WHICH COMPANY WAS ORGANIZED)

BY:  12/07/2011  
Signature Date

RICHARD ORTIZ PRESIDENT (915) 591-6400 (915) 591-6911  
Print Signer's name & title Telephone Fax

1326 HENRY BRENNAN EL PASO, TX 79936  
Address City, State, Zip Code

RORTIZ@ZTEXCONST.COM SAME —  
eMail address Physical Address of Business City, State, Zip Code  
(if different from above)

IF THE BIDDER BE A CORPORATION, THE FOLLOWING CERTIFICATE SHOULD BE EXECUTED:

I, BRANDI SIMON, certify that I am the ACTING Secretary of the corporation named as Bidder hereinabove; that RICHARD ORTIZ, who signed the foregoing contract on behalf of the Bidder, was then PRESIDENT of said corporation; that said proposal was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

  
CORPORATE SECRETARY SIGNATURE AND CORPORATE SEAL

## Bid Tab Summary

Project: STREET RESURFACING 2015  
Solicitation No. 2015-433  
Bid Opening 17-Dec-14

Bidder	Base Bid 1
ZTEX CONSTRUCTION, INC. EL PASO, TX	\$ 7,999,002.60
J.A.R. CONCRETE, INC. dba J.A.R. CONSTRUCTION, INC. EL PASO, TX	\$ 8,026,920.00
ALLIED PAVING COMPANY EL PASO, TX	\$ 8,237,841.00




# CITY OF EL PASO BID TABULATION FORM



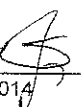
BID TITLE: STREET RESURFACING 2015					BID NO: 2015-433				
BID DATE: Wednesday, December 17, 2014					DEPARTMENT: EL PASO DEPARTMENT OF TRANSPORTATION				
			ZTEX CONSTRUCTION, INC. EL PASO, TX  BIDDER (1 OF 3)		J.A.R. CONCRETE, INC. dba J.A.R. CONSTRUCTION, INC. EL PASO, TX BIDDER (2 OF 3)		ALLIED PAVING COMPANY EL PASO, TX  BIDDER (3 OF 3)		
BASE BID 1: KERNEL CIRCLE STREET IMPROVEMENT									
ITEM NO.	EST. QTY	UNIT	BRIEF DESCRIPTION OF ITEM	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	30,000	S.Y.	WEDGE MILLING DEPTH 0 to 1"	\$1.24	\$37,200.00	\$1.10	\$33,000.00	\$1.07	\$32,100.00
2	350,000	S.Y.	WEDGE MILLING DEPTH 1" to 2 1/2"	\$1.24	\$434,000.00	\$1.66	\$581,000.00	\$1.77	\$619,500.00
3	20,000	S.Y.	WEDGE MILLING DEPTH 2 1/2" to 4 1/2"	\$2.65	\$53,000.00	\$2.85	\$57,000.00	\$3.05	\$61,000.00
4	5,000	S.Y.	WEDGE MILLING DEPTH 4 1/2" and Over	\$4.06	\$20,300.00	\$3.00	\$15,000.00	\$3.45	\$17,250.00
5	210,000	S.Y.	HEATER SCARIFYING	\$3.20	\$672,000.00	\$2.40	\$504,000.00	\$2.28	\$478,800.00
6	12,000	GALLON	REJUVENATING OIL	\$5.76	\$69,120.00	\$7.00	\$84,000.00	\$4.11	\$49,320.00
7	35,000	TON	SMAR	\$98.75	\$3,456,250.00	\$102.50	\$3,587,500.00	\$95.00	\$3,325,000.00
8	5,000	TON	SMA	\$78.75	\$393,750.00	\$80.00	\$400,000.00	\$84.75	\$423,750.00
9	4,400	L.F.	H.A.T.P. REFLECTIVE PAVEMENT 4" White Solid	\$0.76	\$3,344.00	\$1.65	\$7,260.00	\$1.37	\$6,028.00
10	3,000	L.F.	H.A.T.P. REFLECTIVE PAVEMENT 4" White Solid Raised Profile	\$2.67	\$8,010.00	\$3.40	\$10,200.00	\$2.95	\$8,850.00
11	1,600	L.F.	H.A.T.P. REFLECTIVE PAVEMENT 4" White Broken	\$0.76	\$1,216.00	\$1.65	\$2,640.00	\$1.37	\$2,192.00
12	1,000	L.F.	H.A.T.P. REFLECTIVE PAVEMENT 8" White Solid	\$1.44	\$1,440.00	\$1.30	\$1,300.00	\$2.00	\$2,000.00
13	1,000	L.F.	H.A.T.P. REFLECTIVE PAVEMENT 18" Solid	\$3.31	\$3,310.00	\$3.10	\$3,100.00	\$3.15	\$3,150.00

Approved by:   
Date: 12/18/2014

BID TITLE: STREET RESURFACING 2015						BID NO: 2015-433			
BID DATE: Wednesday, December 17, 2014						DEPARTMENT: EL PASO DEPARTMENT OF TRANSPORTATION			
				ZTEX CONSTRUCTION, INC. EL PASO, TX		J.A.R. CONCRETE, INC. dba J.A.R. CONSTRUCTION, INC. EL PASO, TX		ALLIED PAVING COMPANY EL PASO, TX	
				BIDDER (1 OF 3)		BIDDER (2 OF 3)		BIDDER (3 OF 3)	
ITEM NO.	EST. QTY	UNIT	BRIEF DESCRIPTION OF ITEM	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
14	3,000	L.F.	H.A.T.P. REFLECTIVE PAVEMENT 24" Solid	\$4.28	\$12,840.00	\$3.85	\$11,550.00	\$4.20	\$12,600.00
15	400	EACH	H.A.T.P. REFLECTIVE PAVEMENT White Arrow	\$57.78	\$23,112.00	\$52.00	\$20,800.00	\$63.00	\$25,200.00
16	400	EACH	H.A.T.P. REFLECTIVE PAVEMENT White Double Arrow	\$68.89	\$27,556.00	\$62.00	\$24,800.00	\$73.50	\$29,400.00
17	400	EACH	H.A.T.P. REFLECTIVE PAVEMENT White Word	\$68.89	\$27,556.00	\$62.00	\$24,800.00	\$63.00	\$25,200.00
18	1,000	L.F.	H.A.T.P. REFLECTIVE PAVEMENT 4" EH Double Yellow Solid	\$1.53	\$1,530.00	\$6.00	\$6,000.00	\$1.37	\$1,370.00
19	1,000	L.F.	H.A.T.P. REFLECTIVE PAVEMENT 4" Broken Yellow	\$0.72	\$720.00	\$1.15	\$1,150.00	\$0.80	\$800.00
20	1,000	L.F.	H.A.T.P. REFLECTIVE PAVEMENT 4" EH Yellow Combination Solid Plus Broken (One ISOSCELES TRIANGLES (YIELD)	\$0.90	\$900.00	\$0.81	\$810.00	\$0.95	\$950.00
21	400	EACH	H.A.T.P. REFLECTIVE PAVEMENT MARKING TYPE 1, WHITE 12" x 18" ISOSCELES TRIANGLES (YIELD)	\$18.89	\$7,556.00	\$17.00	\$6,800.00	\$8.93	\$3,572.00
22	400	EACH	H.A.T.P. REFLECTIVE PAVEMENT MARKING TYPE 1, WHITE 16" x 24" ISOSCELES TRIANGLES (YIELD)	\$21.11	\$8,444.00	\$19.00	\$7,600.00	\$11.03	\$4,412.00
23	40	EACH	H.A.T.P. REFLECTIVE PAVEMENT MARKING TYPE 1, HEAT-IN-PLACE PREFORMED THERMOPLASTIC REFLECTIVEPAVEMENT MARKINGS	\$37.78	\$1,511.20	\$34.00	\$1,360.00	\$16.80	\$672.00
24	40	EACH	HEAT-IN-PLACE PREFORMED THERMOPLASTIC REFLECTIVEPAVEMENT MARKINGS	\$205.56	\$8,222.40	\$185.00	\$7,400.00	\$189.00	\$7,560.00
25	40	EACH	HEAT-IN-PLACE PREFORMED THERMOPLASTIC REFLECTIVEPAVEMENT MARKINGS	\$172.20	\$6,888.00	\$155.00	\$6,200.00	\$189.00	\$7,560.00
26	40	EACH	HEAT-IN-PLACE PREFORMED THERMOPLASTIC REFLECTIVEPAVEMENT MARKINGS	\$83.30	\$3,332.00	\$75.00	\$3,000.00	\$84.00	\$3,360.00

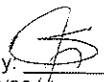
Approved by:   
Date: 12/18/2014

BID TITLE: STREET RESURFACING 2015						BID NO: 2015-433			
BID DATE: Wednesday, December 17, 2014						DEPARTMENT: EL PASO DEPARTMENT OF TRANSPORTATION			
				ZTEX CONSTRUCTION, INC. EL PASO, TX		J.A.R. CONCRETE, INC. dba J.A.R. CONSTRUCTION, INC. EL PASO, TX		ALLIED PAVING COMPANY EL PASO, TX	
				BIDDER (1 OF 3)		BIDDER (2 OF 3)		BIDDER (3 OF 3)	
ITEM NO.	EST. QTY	UNIT	BRIEF DESCRIPTION OF ITEM	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
27	800	L.F.	3 INCH P.V.C.	\$10.18	\$8,144.00	\$6.00	\$4,800.00	\$11.55	\$9,240.00
28	800	L.F.	2 INCH P.V.C.	\$9.29	\$7,432.00	\$5.00	\$4,000.00	\$12.60	\$10,080.00
29	40	EACH	TYPE A GROUND BOX	\$274.10	\$10,964.00	\$200.00	\$8,000.00	\$262.50	\$10,500.00
30	40	EACH	TYPE C GROUND BOX	\$309.40	\$12,376.00	\$200.00	\$8,000.00	\$288.75	\$11,550.00
31	20,000	L.F.	HEADER CURB	\$8.00	\$160,000.00	\$7.00	\$140,000.00	\$7.43	\$148,600.00
32	50,000	L.F.	CURB AND GUTTER	\$11.07	\$553,500.00	\$13.00	\$650,000.00	\$12.37	\$618,500.00
33	250,000	S.F.	SIDEWALK	\$2.50	\$625,000.00	\$2.75	\$687,500.00	\$3.71	\$927,500.00
34	40,000	S.F.	FOUR (4) INCH DRIVEWAY	\$3.30	\$132,000.00	\$3.90	\$156,000.00	\$4.03	\$161,200.00
35	60,000	S.F.	SIX (6) INCH DRIVEWAY	\$4.55	\$273,000.00	\$4.00	\$240,000.00	\$4.60	\$276,000.00
36	100,000	S.F.	WHEEL CHAIR RAMPS	\$3.34	\$334,000.00	\$3.50	\$350,000.00	\$4.19	\$419,000.00
37	800	EACH	PREFORMED TACTILE WARNING TILE	\$169.40	\$135,520.00	\$90.00	\$72,000.00	\$141.75	\$113,400.00
38	120	HOURS	SPECIAL TRAFFIC CONTROL	\$52.95	\$6,354.00	\$80.00	\$9,600.00	\$52.50	\$6,300.00
39	1,250	EACH	8" APRONS FOR UTILITY PLACEMENTS	\$113.30	\$141,625.00	\$60.00	\$75,000.00	\$84.00	\$105,000.00

Approved by:   
Date: 12/18/2014



BID TITLE: STREET RESURFACING 2015						BID NO: 2015-433			
BID DATE: Wednesday, December 17, 2014						DEPARTMENT: EL PASO DEPARTMENT OF TRANSPORTATION			
				ZTEX CONSTRUCTION, INC. EL PASO, TX		J.A.R. CONCRETE, INC. dba J.A.R. CONSTRUCTION, INC. EL PASO, TX		ALLIED PAVING COMPANY EL PASO, TX	
				BIDDER (1 OF 3)		BIDDER (2 OF 3)		BIDDER (3 OF 3)	
ITEM NO.	EST. QTY	UNIT	BRIEF DESCRIPTION OF ITEM	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
40	400	EACH	MAN HOLE RING RISER	\$72.00	\$28,800.00	\$70.00	\$28,000.00	\$99.75	\$39,900.00
41	400	EACH	ADJUST TO GRADE MANHOLE	\$106.70	\$42,680.00	\$70.00	\$28,000.00	\$68.25	\$27,300.00
42	75	EACH	ADJUST TO GRADE MONUMENT	\$60.00	\$4,500.00	\$50.00	\$3,750.00	\$63.00	\$4,725.00
43	600	EACH	ADJUST TO GRADE WATER VALVE	\$100.00	\$60,000.00	\$90.00	\$54,000.00	\$57.75	\$34,650.00
44	10,000	C.Y.	BASE REPAIR	\$18.00	\$180,000.00	\$10.00	\$100,000.00	\$16.28	\$162,800.00
BASE BID 1 (ITEMS 1 THROUGH 40)				\$7,999,002.60		\$8,026,920.00		\$8,237,841.00	
AMENDMENT NO. 1 ACKNOWLEDGED				YES		YES		YES	
BID BOND SUBMITTED				YES		YES		YES	

Approved by:   
Date: 12/18/2014



# **Agenda Item #8.1**

## **Street Resurfacing 2015**

Solicitation Number 2015-433



### **STRATEGIC PLAN 2015**

#### **Goal 7: Enhance and Sustain El Paso's Infrastructure Network**

- **7.2** Improve competitiveness through infrastructure investments impacting quality of life
- **7.3** Enhance regional comprehensive transportation system
- **7.4** Continue the strategic investment in City facilities and technology



## Contract Scope

- The contract is the primary tool for implementing the **Year 3** Street Resurfacing projects of the Seven Year CIP plan for Street Infrastructure.
- During **Year 1** the Department completed a \$3.3 million street resurfacing project in the northeast section of the city (District 4); this contract focused primarily in the east side/mission valley areas.
- During **Year 2** the department executed a \$7,776,950 Street Resurfacing project focused in Districts 3, 6 & 7; this project is approximately 48% completed.
- Work on this award shall include:
  - Site preparation
  - Milling and replacement of the asphalt street surface
  - Repair of broken concrete elements within the street right of way
  - Installation of ADA compliant accessibility ramps where feasible
  - Application of thermoplastic street lane lines and markings where feasible

**This is a low bid, Unit Price Contract.**



# Use of Rubberized Asphalt

- In 2014 EPDOT changed its street resurfacing specification to utilize performance grade stone matrix asphalt rubber (commonly referred to as rubberized asphalt)
- This will be the second street resurfacing project contract to utilize rubberized asphalt
- Benefits of rubberized asphalt, as identified in a Clemson University study, include:
  - Reduces Reflective Cracking in Asphalt Overlays
  - Reduces Maintenance Costs
  - Improves Resistance to Cracking in New Pavements
  - Improves Resistance to Rutting in New Pavements
  - Increases Pavement Life
  - Improves Skid Resistance
  - Decreases Noise Levels
  - Beneficially Uses 500-2,000 scrap tires per lane mile



# Other Agencies Successfully using Rubberized Asphalt

- Texas Department of Transportation
- Arizona Department of Transportation
- Florida Department of Transportation
- New Mexico Department of Transportation
- Phoenix, Arizona
- Colorado Springs, Colorado
- San Antonio, Texas
- Thousand Oaks, California
- Burbank, California
- Oxnard, California



## Paving investment per mile comparison

Year	Number of Streets	Length (Miles)	Cost per Mile
2013	34	11.17	\$292,461
2014	77	25.32	\$307,095
2015	74	19.83	\$365,980

- Approximately 30% of costs are attributed directly to concrete elements requiring repair and construction of ADA ramps.
- 2014 Project is in progress (48% completed); estimates include remaining construction quantities.
- 2015 is based only on estimated construction estimated quantities.

Streets currently programmed to be resurfaced on this contract

	Street Name		From		To		PCI		DISTRICT		Street Name		From		To		PCI		DISTRICT	
	COMANCHE	Tobin	Cortez	29.1	8						HOLIDAY	Tampa	Welch	41.0	3					
	DOLAN A	Paisano	Sagrado	38.0	8						INTERNATIONAL	Robert E Lee	Airway	19.0	3					
	LAREDO	Boone	Dead End	40.4	8						LARRY MAHAN	Gateway West	Viscount	34.7	3					
	MARTINEZ	Delta	Laredo	27.0	8						LEAR	Boeing	Lockheed	41.0	3					
	CHELSEA A	Timberwolf	Dead End	33.0	2						LINDEN	Alameda	Dunne	39.0	8					
	CHELSEA B	Timberwolf	Trowbridge	29.6	2						MERIL	Cardigan	Darin	41.1	3					
	DERICK	Carnegie	Montana	27.0	3						MONTROSE	Mc Crae	Dead End	32.8	3					
	FORREST	Hunt	Trowbridge	41.0	2						NAVAJO B	Apache	Cheyenne Trail	39.8	3					
	FRANKFORT E	Gateway North	Dead End	31.0	2						PAPAGO	Clark	Marlow	36.0	3					
	GRISSOM	Martin	Mathias	34.8	2						PRESTWICK	Cosmos	Kilmaltie	37.7	3					
	HUNT	Peinado	Glenwood	37.8	2						STEPHENSON	Gateway East	Frederick	40.2	3					
	MADERA	Radford	Dead End	37.8	2						SURETY	Gateway East	Clark	35.0	3					
	MARR B	Altura	Trowbridge	34.2	2						TRINITY	Rusk	Simpia	30.0	3					
	MEMPHIS E	Pershing	Dead End	38.1	2						TURRENTINE C	Glengarry	Daugherty	41.1	3					
	MOBILE D	Radford	Dead End	28.9	2						UTE	Clark	Marlow	27.0	3					
	PEINADO	Wagner	Hunt	35.0	2						VIOLET	W H Burges	Cessna	29.9	3					
	SHELL	Montana	Dead End	30.0	3						WADE	Cosmos	Lait	40.7	3					
	WAGNER	Chelsea	Trowbridge	35.7	2						ALGIERS	Fir	Album	31.0	7					
	WEIGHTMAN	Timberwolf	Edwards	39.7	2						ANISE A	Lee Trevino	Montwood	39.4	3					
	ALGONQUIN	Geronimo	Marlow	40.0	3						BRANDWOOD	Blackwood	Suewood	39.0	3					
	AQUARIUS	Turrentine	Backus	34.2	3						CIRWOOD	Penwood	Chaswood	11.0	3					
	ARAPAHO	Geronimo	Marlow	30.0	3						CORK B	Album	Zanzibar	35.6	7					
	ASH	Dempsey	W H Burges	30.0	3						COSMOS C	McRae	Debbie	36.2	7					
	AVALON	Sunglow	Dead End	29.2	3						EAST GLEN B	Pebble Hills	Sam Snead	40.1	3					
	CESSNA A	Sunglow	Edgemere	28.1	3						FRANK BEARD	Sam Snead	Anise	37.4	3					
	CESSNA B	Edgemere	W H Burges	29.7	3						HONOLULU A	Montwood	Wedgewood	31.6	7					
	CIBOLA	Clark	Marlow	36.0	3						HONOLULU B	Wedgewood	Leewood	33.3	7					
	CLEVELAND A	Paisano	Atoka	35.9	3						KAYWOOD	Parkwood	Saigon	33.0	3					
	CLEVELAND B	Atoka	Marlow	27.1	3						MONACO	Montwood	Woodside	36.4	7					
	CORNWALL	Castletown	Blackwood	40.4	3						SHETLAND	Edgemere	Ballymote	32.0	3					
	DUNNE	Washington	Dead End	34.8	8						SUMATRA	Ceylon	Album	29.1	7					
	FINDLEY B	San Antonio	Dead End	39.7	8						TAHITI	Heather	Bermuda	37.0	7					
	FIRESTONE	Montana	Darin	36.9	3						WOODALL	Blackwood	Suewood	29.0	3					
	FULLAN	Alameda	Dead End	28.0	8						DALE DOUGLAS C	Bob Mitchell	Vista del Sol	33.2	7					
	GOURD	Album	Bellis	30.0	3						PULLMAN D	Henry Brennan	Rojas	38.0	6					
	HARDY	Tampa	Dulaney	39.0	3						ALCAZAR	Lomaland	Dead End	36.0	7					
	HAWICK	Dunoon	Mcintosh	34.9	3						ALLEN BRADLEY	James Watt	Wilkenson	32.0	7					
	HELENA	Aubrey	Dead End	38.0	3						VISTA REAL A	Trawood	Janway	37.0	7					
	HILLER	Airport	Boeing	31.1	3						BOONE E	Rosa	Rivera	22.0	3					





# 2015 Street Resurfacing





## Requested Council Action

- The Department of Transportation recommends the award of Solicitation No. 2015-433 for Street Resurfacing 2015 to **ZTEX Construction, Inc.**, for an estimated total amount of \$7,999,002.60.
- Contract period of 365 Consecutive Calendar Days
- Funding source is the 2013-2019 Certificates of Obligation-Street Infrastructure, approved June 26, 2012.
- This is a low bid unit price contract.



# Questions/Comments