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**To:** Matt Morgan  
Assistant Superintendent of Support Services

**From:** Severin Castro  
Director of Purchasing

**Date:** August 31, 2017

**Re:** Roof Repair  
Annual Contract #17-09-6890R

The following bids were received and opened at 3:00 p.m., Friday, August 18, 2017 as advertised and specified in documents concerning **Annual Contract #17-09-6890R Roof Repair**. The bids received are located on pages 2-6.

<sup>a</sup> Recommendation based on best value to the District without minimum charge.

<sup>b</sup> Recommendation based on overall low bidder for the contract.

<sup>c</sup> No award.

**Recommendation:** Marton Roofing Industries, LTD

**Funding:** M & O Funds

**Estimated Expenditure:** \$60,000.00

**Initial Contract Term:** September 12, 2017 - August 31, 2018

**Renewal Term:** 2 years

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**Line 1 Repair Smooth Surfaced Built-up Membrane Flashings, UNDER 6 IN. HEIGHT**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$7.75 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b>\$8.00</b>
R B Hash & Associates, Inc.	1	Linear Ft.	\$33.25

**Line 2 Repair Smooth Surfaced Built-up Membrane Flashings, 6 - 12 IN. HEIGHT**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$8.75 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b>\$9.00</b>
R B Hash & Associates, Inc.	1	Linear Ft.	\$34.50

**Line 3 Repair Smooth Surfaced Built-up Membrane Flashings, 12 OR MORE IN. HEIGHT**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$9.75 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b>\$12.00</b>
R B Hash & Associates, Inc.	1	Linear Ft.	\$35.75

**Line 4 Repair Granulated Surfaced Modified Bitumen Flashings, UNDER 6 IN. HEIGHT**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$7.75 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b>\$8.00</b>
R B Hash & Associates, Inc.	1	Linear Ft.	\$34.50

**Line 5 Repair Granulated Surfaced Modified Bitumen Flashings, 6 - 12 IN. HEIGHT**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$8.75 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b>\$9.00</b>
R B Hash & Associates, Inc.	1	Linear Ft.	\$35.75

**Line 6 Repair Granulated Surfaced Modified Bitumen Flashings, 12 OR MORE IN. HEIGHT**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b>\$12.00</b>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$15.00
R B Hash & Associates, Inc.	1	Linear Ft.	\$37.00

**Line 7 Seal Reglet Joints**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b>\$3.00</b>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$3.50
R B Hash & Associates, Inc.	1	Linear Ft.	\$16.75

**Line 8 Repair joints in MASONRY parapet wall coping**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b>\$3.00</b>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$5.00
R B Hash & Associates, Inc.	1	Linear Ft.	\$22.75

**Line 9 Repair joints in METAL parapet wall coping**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b>\$3.00</b>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$5.00
R B Hash & Associates, Inc.	1	Linear Ft.	\$16.75

**Line 10 Seal scupper**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Each	\$24.00 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Each	<b>\$25.00</b>
R B Hash & Associates, Inc.	1	Each	\$440.00

**Line 11 Repair flat flanges of a metal edge system**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$7.50 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b>\$8.00</b>
R B Hash & Associates, Inc.	1	Linear Ft.	\$45.85

**Line 12 Repair metal edge gravel stop**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$9.00 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b>\$10.00</b>
R B Hash & Associates, Inc.	1	Linear Ft.	\$45.85

**Line 13 Seal metal flange joints**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Joint	\$6.00 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Joint	<b>\$6.00</b>
R B Hash & Associates, Inc.	1	Joint	\$65.00

**Line 14 Repair of low profile expansion joints**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$7.75 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b>\$8.00</b>
R B Hash & Associates, Inc.	1	Linear Ft.	\$66.50

**Line 15 Repair of expansion joint neoprene**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Joint	\$9.75 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Joint	<b>\$10.00</b>
R B Hash & Associates, Inc.	1	Joint	\$50.00

**Line 16 Install new expansion joint over existing expansion joint neoprene gasket type cover**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$19.00 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b>\$20.00</b>
R B Hash & Associates, Inc.	1	Linear Ft.	\$68.00

**Line 17 Install new metal expansion joint over existing raised curb**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$24.00 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b>\$25.00</b>
R B Hash & Associates, Inc.	1	Linear Ft.	\$99.00

**Line 18 Repair roof material blisters and surface breaks**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Square Ft.	<b>\$3.00</b>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Square Ft.	\$3.75
R B Hash & Associates, Inc.	1	Square Ft.	\$34.25

**Line 19 Seal existing roof drains and/or overflow drains**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
R B Hash & Associates, Inc.	1	Each	\$287.50 <sup>b</sup>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Each	\$300.00 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Each	<b>\$350.00</b>

**Line 20 Replace existing roof drains and/or overflow drain flashings**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Each	<b>\$500.00</b>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Each	\$500.00 <sup>a</sup>
R B Hash & Associates, Inc.	1	Each	\$1,033.00

**Line 21 Remove and replace drain line leader**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Each	\$95.00 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Each	<b><u>\$98.00</u></b>
R B Hash & Associates, Inc.	1	Each	\$3,033.00

**Line 22 Remove and replace drain bowl**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Each	\$1,750.00 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Each	<b><u>\$1,800.00</u></b>
R B Hash & Associates, Inc.	1	Each	\$3,533.00

**Line 23 Install new retro-fit drains at all existing roof drains**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Each	\$725.00 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Each	<b><u>\$850.00</u></b>
R B Hash & Associates, Inc.	1	Each	\$2,207.00

**Line 24 Repair bases of vertical projections**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Each	\$250.00 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Each	<b><u>\$300.00</u></b>
R B Hash & Associates, Inc.	1	Each	\$332.50

**Line 25 Replace vertical projections covers**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Each	\$120.00 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Each	<b><u>\$125.00</u></b>
R B Hash & Associates, Inc.	1	Each	\$275.00

**Line 26 Fill all pitch pans**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Each	\$45.00 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Each	<b><u>\$50.00</u></b>
R B Hash & Associates, Inc.	1	Each	\$125.00

**Line 27 Re-saturation of roof material**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Square Ft.	\$2.95 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Square Ft.	<b><u>\$3.00</u></b>
R B Hash & Associates, Inc.	1	Square Ft.	\$13.50

**Line 28 Coat flashing with an aluminum coating**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Square Ft.	<b><u>\$2.00</u></b>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Square Ft.	\$3.85
R B Hash & Associates, Inc.	1	Square Ft.	\$30.00

**Line 29 Seal sheet metal joints, caulk joints and vertical wall joints - SHEET METAL JOINT**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b><u>\$4.00</u></b>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$4.25
R B Hash & Associates, Inc.	1	Linear Ft.	\$16.75

**Line 30 Seal sheet metal joints, caulk joints and vertical wall joints - WALL JOINTS/VERTICAL**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$4.25 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b><u>\$4.50</u></b>
R B Hash & Associates, Inc.	1	Linear Ft.	\$22.75

**Line 31 Seal sheet metal joints, caulk joints and vertical wall joints - WALL JOINTS/HORIZONTAL**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$4.25 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b>\$4.50</b>
R B Hash & Associates, Inc.	1	Linear Ft.	\$22.75

**Line 32 Repair and coat vertical walls**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Square Ft.	<b>\$4.00</b>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Square Ft.	\$4.25
R B Hash & Associates, Inc.	1	Square Ft.	\$33.25

**Line 33 Provide and install new small electrical, condensation etc. conduit pipe supports**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Each	\$70.00 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Each	<b>\$75.00</b>
R B Hash & Associates, Inc.	1	Each	\$390.00

**Line 34 Provide and install new small gas line, conduit etc. pipe supports - PORTABLE PIPE HANGER**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Each	<b>\$125.00</b>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Each	\$125.00 <sup>a</sup>
R B Hash & Associates, Inc.	1	Each	\$390.00

**Provide and install new small gas line, conduit etc. pipe supports - 4 x 4 PRESSURE TREATED WOOD**

**Line 35 BLOCKING**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Each	\$25.00 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Each	<b>\$30.00</b>
R B Hash & Associates, Inc.	1	Each	\$330.00

**Line 36 Provide and install new duct supports**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Each	\$345.00 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Each	<b>\$350.00</b>
R B Hash & Associates, Inc.	1	Each	\$653.00

**Line 37 Provide and install new equipment supports**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Each	\$525.00
<b><u>Marton Roofing Industries, LTD</u></b>	1	Each	<b>\$560.00</b>
R B Hash & Associates, Inc.	1	Each	\$653.00

<sup>c</sup> **Line 38 Provide and install new rooftop steel walkway system**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	NB
R B Hash & Associates, Inc.	1	Linear Ft.	\$65.00

<sup>c</sup> **Line 39 Provide and install new OSHA approved wall mounted roof access ladders**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Each	NB
R B Hash & Associates, Inc.	1	Each	\$2,758.00

**Line 40 Percentage added to contract if performance bond is required**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PERCENT ADDED</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Each	2% <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Each	<b>2%</b>
R B Hash & Associates, Inc.	1	Each	2.50%

**Line 41 Percentage added to contract if payment bond is required**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PERCENT ADDED</u>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Each	2% <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Each	<b>2%</b>
R B Hash & Associates, Inc.	1	Each	2.50%

**Line 42 Remove and replace deteriorated wood nailer/blocking - 1 X 6 FIRE RETARDANT**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b>\$3.00</b>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$3.00 <sup>a</sup>
R B Hash & Associates, Inc.	1	Linear Ft.	\$3.50

**Line 43 Remove and replace deteriorated wood nailer/blocking - 1 X 8 FIRE RETARDANT**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b>\$3.50</b>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$3.50 <sup>a</sup>
R B Hash & Associates, Inc.	1	Linear Ft.	\$4.00

**Line 44 Remove and replace deteriorated wood nailer/blocking - 2 X 4 FIRE RETARDANT**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
R B Hash & Associates, Inc.	1	Linear Ft.	\$3.50 <sup>b</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b>\$4.50</b>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$4.50

**Line 45 Remove and replace deteriorated wood nailer/blocking - 2 X 6 FIRE RETARDANT**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
R B Hash & Associates, Inc.	1	Linear Ft.	\$4.00 <sup>b</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b>\$5.00</b>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$5.00

**Line 46 Remove and replace deteriorated wood nailer/blocking - 2 X 8 FIRE RETARDANT**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
R B Hash & Associates, Inc.	1	Linear Ft.	\$4.50 <sup>b</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b>\$5.50</b>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$5.50

**Line 47 Remove and replace deteriorated wood nailer/blocking - 1 X 10 FIRE RETARDANT**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
R B Hash & Associates, Inc.	1	Linear Ft.	\$4.50 <sup>b</sup>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$4.95 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b>\$5.00</b>

**Line 48 Remove and replace deteriorated wood nailer/blocking - 1 X 12 FIRE RETARDANT**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
R B Hash & Associates, Inc.	1	Linear Ft.	\$5.00 <sup>b</sup>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$5.95 <sup>a</sup>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b>\$6.00</b>

**Line 49 Remove and replace deteriorated wood nailer/blocking - 1/4 CDX PLYWOOD**

<u>SUPPLIER</u>	<u>QTY</u>	<u>UOM</u>	<u>PRICE</u>
<b><u>Marton Roofing Industries, LTD</u></b>	1	Linear Ft.	<b>\$3.50</b>
Liqua Tech (Texas Liqua Tech Services, Inc.)	1	Linear Ft.	\$3.50 <sup>a</sup>
R B Hash & Associates, Inc.	1	Linear Ft.	\$4.00