

Office of the Public Works Dept.

City of Richland Hills, Texas

Memorandum

To: Honorable Mayor Bill Agan and members of the Richland Hills City Council
From: Michael Barnes P.E. Public Works Director
Date: May 23, 2013
Subject: Purchase and Installation of Chlorine Analyzer, Scales, and Housing

Council Action Requested:

Authorize the purchase and installation of a chlorine analyzer, scales, and housing for the Evergreen pump station in the amount of \$10,415.55.

Background Information:

In the city's water distribution system, each distribution pump station may require a piece of equipment called a "chlorine analyzer" that distributes the correct amount of chlorine into the water system to properly disinfect the water as required by Texas Commission on Environmental Quality (TCEQ). In order to ensure chlorine residuals are maintained at the appropriate level, staff made the decision last year to install a chlorine analyzer and scales at the Evergreen pump station as a booster system to improve the disinfectant level in the far reaches of the distribution system. This item was budgeted in the 2012-2013 Water Budget. The estimated cost to install the analyzer and scales with housing was \$10,000.00.

We received two bids. The first bid was for the City to directly purchase the analyzer, scales, and housing and contract the installation to Infinite Services. This bid was \$10,415.55. The second bid was to allow Infinite Services to purchase all the equipment as well as perform the installation. This bid was \$11,017.50. Therefore, staff recommends that the city purchase the analyzer, scales, and housing at a cost of

\$9,195.55 and contract with Infinite Services, Inc. to install the equipment for \$1,220.00 for a total amount of \$10,415.55.

Board/Citizen Input:

N/A

Financial Impact:

In the 2012-2013 Water Division Budget \$10,000.00 was budgeted to purchase and install the analyzer, scales, and housing. Additional funds of \$415.55 will be taken from the water budget.

Staff Contacts:

Michael Barnes, P.E. Director of Public Works
817-616-3835
mbarnes@richlandhills.com

Attachments: Bid Quotes



Associated Fiberglass Enterprises

A Shumard Corporation Company 2411 Weaver Street • Fort Worth, TX 76117
Toll Free: 800-798-6561 • Office: 817-838-6786 • FAX: 817-838-6789
Website: www.afetexas.com e-mail: stephen@afetexas.com

Shelter Building Quotation Form

Customer: City of Richland Hills
Project: Model 4848
Date: 10/2/12
Ship-to Address: CPU

This quotation is for 1) AFE Model# 4848 fiberglass shelter, 48" long front-to-back X 48" wide side-to-side X 84" tall sidewall. The shelter will include our standard electrical equipment package with an 5" fan and 12" x 12" aluminum louver, 2) duplex outlets, a 120/240 Volt, 125Amp, Main Lug, 8-branch breaker Panel in a Nema3R enclosure, a non-metallic incandescent light fixture and exterior switches for the fan and lamp. The shelter will have a 36" x 80" door with stainless steel jacketed lockset, stainless steel piano hinges, and CAD plated crash stop. There will be a CAD plated eyebolt in the roof for lifting and the shelter will have UV-resistant, white gel-coat inside and outside.

Price for the shelter as described above-----\$ 4,688 .00

Estimated delivery to CPU

Please allow 4-6 weeks after drawing approval for fabrication of the shelter.

Quote good for 60 days.
Taxes are not included in the price.
Terms: COD or Net 30 if prior credit approval is obtained.

Thanks for the opportunity to quote this project.

Stephen Smith

QUOTATION
 HDSEFM
 D/B/A USABLUBOOK
 PO Box 9004
 Gurnee, IL 60031-9004
 Toll free: 1-800-548-1234
 Fax: (847) 689-3030

NO. 590476

June 4, 2013
 2B - 4 SHELTER QUOTE #2,

Page 1

PG.1

05/20/13

Ship-to: 1
 RICHLAND HILLS, CITY OF

 6700 RENA
 RICHLAND HILLS, TX 76118
 USA

Bill-to: 912638
 RICHLAND HILLS CITY OF

 3200 DIANA DR
 RICHLAND HILLS, TX 76118
 USA

REFERENCE #	EXPIRES	SLSP	TERMS	WH	FREIGHT	SHIP VIA
051613	06/15/13	JAP	NET 30	150	FXD/PPD	VENDOR'S CHOICE

QUOTED BY: JAP | QUOTED TO: KEN CROSS

ITEM	DESCRIPTION	QUANTITY	UM	PRICE	UM	EXTENSION
15161	Fiberglass Chlorine Shelter 48" X 48" X 84" ESTIMATED LEAD TIME IS 5-6 WEEKS AFTER DRAWING APPROVAL IF YOU ARE STORING CHLORINE GAS, EPA REGULATIONS MAY APPLY AND YOU MAY NEED TO CONSIDER THE FOLLOWING ITEMS: PANIC HARDWARE # 27357 FREE STANDING HEATER #27361 WINDOW IN DOOR #27362 GASKET FOR SHELTER SKIRT #27375 ALL ITEMS LISTED ON PAGE 189 OF THE USABB CATALOG TO PLACE AN ORDER FOR A CHLORINE SHELTER: 1. FAX A SIGNED COPY OF THE QUOTE AND PURCHASE ORDER (IF REQUIRED) TO 847-689-3030. 2. ALSO, INCLUDE A SIGNED COPY OF THE SHELTER DRAWING 3. SHELTERS WONT BE SENT TO PRODUCTION UNTIL A SIGNED DRAWING HAS BEEN RECIEVED 4. CUSTOMER IS RESPONSIBLE FOR OFFLOADING SHELTER UPON ARRIVAL ONSITE. APPROXIMATE WEIGHT IS 475 POUNDS **FREIGHT QUOTE SUBJECT TO CHANGE AT TIME OF ORDER**	1	EA	4730.95	EA	4730.95
27357	Panic Hardware	1	EA	864.45	EA	864.45
27359	Door Operated Switch For Fiberglass Shelters	1	EA	86.40	EA	86.40
27362	Door Window Option- 12"x18" (Factory Installed)	1	EA	139.60	EA	139.60

Please note that your order may be subject to applicable taxes based

CONTINUED

QUOTATION
 HDSEFM NO. 590476
 D/B/A USABLUEBOOK
 PO Box 9004 Page 2
 Gurnee, IL 60031-9004
 Toll free: 1-800-548-1234 05/20/13
 Fax: (847) 689-3030

Ship-to: 1
 RICHLAND HILLS, CITY OF

 6700 RENA
 RICHLAND HILLS, TX 76118
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Bill-to: 912638
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QUOTED BY: JAP | QUOTED TO: KEN CROSS

ITEM	DESCRIPTION	QUANTITY	UM	PRICE	UM	EXTENSION
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on current rates at the time your order is completed.

TO ORDER --

For your convenience, you may simply sign below and return via fax to 847-689-3030. We will process your order promptly and fax a confirmation so you know we have it. If you prefer to call your order in or have additional questions or concerns, you may contact our Customer Service Department @ 800-548-1234. Please note any changes to the quantities or shipping address. Thanks for choosing USABlueBook.

Authorization Signature

PO Number (if required)

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MERCHANDISE	MISC	TAX	FREIGHT	TOTAL
5821.40	.00	.00	100.00	5921.40

USE THIS QUOTE # ON PO's!

CITY OF RICHLAND HILLS
STOCK-DALLAS
3201 DIANA DR
FORT WORTH TX 76118
Telephone: 817-299-1800
Fax: 817-299-1803

HDSWW - RICHLAND HILLS TX
7197 Latham Dr
Richland Hills TX 76118
Telephone: 817-595-0580
Fax: 817-589-0179

11/07/12 Bid ID: 3280271 ANALYZER AND SCALES

Page 1

Line	Quantity	Sell Per	Description	Net Price	Extended Price
10	1	EA	USABLUE 34511 ANALYZER ROSEMOUNT FREE CHLORINE SYSTEM W/AUTO PH COMPENSATION (FCL-02) QUOTE# 556033	3,544.00	3,544.00
60	1	EA	SCALETRON #2310 150# CHLORINE DIGITAL SINGLE SCALE	963.55	963.55

Subtotal: 4,507.55
Tax: .00
Bid Total: 4,507.55



Infinite Services
1920 Chattanooga Drive
Bedford, TX 76022

Office: (817) 886-6933
Fax: (817) 886-6056
E-mail: Tommy@infiniteservices.net

QUOTE

Date	Estimate #
5/12/2013	2013-105

Name / Address
City Of Richland Hills 3200 Diana Drive Richland Hills, Texas 76118

Project

Item	Description	Qty	Rate	Total
Quote Job	Evergreen P.S.: Install New Chlorine Analyzer (provided by others) and integrate into existing scada System.	12	85.00	1,020.00
Misc.	Materials, pipe, wire, fittings	1	200.00	200.00
Misc.	The water Piping to CL2 meter is not provided in this quote. (I would have to see Location of Tap)		0.00	0.00

THIS QUOTE IS VALID FOR 30 DAYS		Total		\$1,220.00
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QUOTE



Infinite Services
 1920 Chattanooga Drive
 Bedford, TX 76022
 Office: (817) 886-6933
 Fax: (817) 886-6056
 E-mail: Tommy@infiniteservices.net

Date	Estimate #
5/17/2013	2013-109

Name / Address
City Of Richland Hills 3200 Diana Drive Richland Hills, Texas 76118

				Project	
Item	Description	Qty	Rate	Total	
#1 Rosemount Analytical	Rosemount free chlorine monitor with auto ph compensation from 6.5 to 9.0 PH includes analyzer, flow controller, chlorine and pH sensors, and connecting cables with quick disconnect fittings mounted on back plate.	1	5,506.80	5,506.80	
#2 HACH-CLF10SC	CLF10sc Free Chlorine Analyzer with sc200 Controller and Combination pH Sensor	1	5,510.70	5,510.70	
THIS QUOTE IS VALID FOR 30 DAYS			Total	\$11,017.50	