



CITY OF HUNTINGTON BEACH

Sole-Source Justification

(For use on all goods and services acquisitions.)

This justification document consists of two (2) pages. All information must be provided and all questions must be answered. The "Required Approvals" section must include a date for each signature, as appropriate for the transaction.

Requesting Department Information			
Date: October 13, 2022			
Requestor Name: Rafael Suarez		Division Manager: Alvin Papa (Type names. Do not sign.)	
Department: Public Works		Department Head: Sean Crumby (Type names. Do not sign. Must be same as signature below.)	
Department Contact Information			
Contact Name: Chris Cassotta		Street Address: 19001 Huntington Street	
Telephone: 7143741512			
Fax:		Shipping Address: 19001 Huntington Street	
Cellular phone: 7143194806			
Required Contact Information			
Contractor/Supplier Name: Meeder Ransome			
Contractor/Supplier Address: 3495 South Maple Ave.			
Contractor/Supplier City/State/Zip: Fresno, CA. 93725			
Original Contract Amount:*		Amendment Amount:*(if applicable)	New Contract Amount:*
\$138,000 (*Includes original contract and previously approved amendments)		\$ (*Current amendment only)	\$ (*Includes original contract and all amendments, including current amendment)
Provide a brief description of the acquisition, including all goods and/or services the contractor will provide: Provide materials and labor to replace emergency back up fuel vaporizers for the city's water pressure boosting facilities.			
Contract Type and Term			
Contract Type:	Contract Term:	What account number will be used to purchase?	
Select One: <input type="checkbox"/> Goods <input type="checkbox"/> Service <input checked="" type="checkbox"/> Goods & Services	Begin: N/A End: N/A	Business Unit: 506858036 Object Code: 67715	
Required Approvals			
Department Head <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied Signature 10/19/2022 Date	Finance Manager - Budget <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied Signature 10/20/2022 Date	Chief Financial Officer <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied Signature 10/26/22 Date	Assistant City Manager <input type="checkbox"/> Approved <input type="checkbox"/> Denied Signature 10/28/2022 Date (Transactions exceeding \$50,000 must be approved by City Council)



CITY OF HUNTINGTON BEACH

Sole Source Justification

(For use on all goods and services acquisitions.)

Complete responses must be provided for all of the following items.

A. THE GOOD/SERVICE REQUESTED IS RESTRICTED TO ONE SUPPLIER FOR THE REASONS STATED BELOW:

1. Why is the acquisition restricted to this goods/services/supplier?

(Explain why the acquisition cannot be competitively bid.)

Our system is customized specifically to the Meeder Ransome Vaporizer units. By replacing in kind with updated models, it will save time and money.

2. Provide the background of events leading to this acquisition.

Inspection reports indicate our existing units were built in 1993 and are now 3 times beyond their normal 10-year service life; making them unsafe and unreliable.

3. Describe the uniqueness of the acquisition (why was the good/service/supplier chosen?).

The original water backup fuel supply system was built using Ransome Meeder's Vaporizer units. By replacing in kind, there is no downtime, eliminating potential risk to the City's water system.

4. What are the consequences of not purchasing the goods/services or contracting with the proposed supplier?

By not replacing in kind with Meeder Ransome's units it will require additional time and money used for re-design, bid, award, and construction. To minimize risk, the vaporizer units require immediate replacement. Delaying installation puts our water system at risk and may significantly impact water service.

5. What market research was conducted to substantiate no competition, including evaluation of other items considered?

(Provide a narrative of your efforts to identify other similar or appropriate goods/services, including a summary of how the department concluded that such alternatives are either inappropriate or unavailable. The names and addresses of suppliers contacted and the reasons for not considering them must be included OR an explanation of why the survey or effort to identify other goods/services was not performed.)

The research of price and availability of another manufacturers such as Algas-SDI indicated comparable pricing. However, because our systems are custom fit with Meeder Ransome's units, using other manufacturers would require special modifications which would result in voided warranties. Contacts were made through Burnerparts.com 2011 Williamsburg Road, Richmond, VA 23231 and Algas-SDI 151 S. Michigan St. Seattle, WA 98108

B. PRICE ANALYSIS

1. How was the price offered determined to be fair and reasonable?

(Explain what the basis was for comparison and include cost analyses as applicable.)

The price of Meeder Ransome's Vaporizers were determined to be fair and reasonable because it was comparable to other manufactures but also offered customized installation to fit our current system, warranty, and training not included by the others.

2. Describe any cost savings realized or costs avoided by acquiring the goods/services from this supplier.

By replacing in kind, we avoid having to pay engineering design, structure modification, and construction costs which can range from approximately \$75,000 to \$125,000.

Remit completed form to:

City of Huntington Beach – Purchasing Division
2000 Main Street, Huntington Beach, CA 92648-2702

	Manufacturer / Brand	
	Meeder Ransome	Algas-SDI
2 x Vaporizer Capacity: 320 US Gal/h	\$88k	\$66k
1 x Vaporizer Capacity: 40 US Gal/h	\$9k	\$11k
Installation	\$16k	not offered
Training	Included	not offered
Design & Construction	None	\$75k-\$125k
Total (Excluding Tax)	\$113k	\$152k to \$202k



3495 South Maple Avenue . Fresno, California 93725-2413 . P.O. Box 12446 Fresno, California 93777-2446
Telephone (559) 485-0979 . (800) 342-8265 . Fax (559) 485-8869 . Email: office@meeder.com . www.meeder.com

09/27/22

City of Huntington Beach
19001 Huntington Street
Huntington Beach, CA 92648

Chris Cassotta & Rafael Suarez;

Thank you for the opportunity to bid the replacement of our equipment at your three facilities. At your site on Huntington Street, we suggest you replace the PAMW180-10 with a PAM200-10, which is what you have at the Peck water retention site. The PAM direct-fired unit is better for intermittent service such as what you expect for a back up to natural gas. There is a cost savings as well.

Peck would also receive a new PAM200-10 as well. Edwards Hill will receive another RH80E vaporizer. The first stage regulator (627-7710) also needs to be replaced at the same time and a small over-pressure relief valve should be added (P/N 1805-19P).

* Ransome PAM200-10E for the Huntington Street facility	\$43,725.00 net.
* Ransome PAM200-10E for the Peck facility	\$43,725.00 net.
* Ransome RH80E / 627-7710 Regulator / 1805-19P Relief	<u>\$ 8,650.75 net.</u>
	Subtotal \$96,100.75
Taxable items above @7.75%	\$ 7,447.81
	Subtotal \$103,548.56
* Installation labor, per diem and transportation	<u>\$ 15,864.10 net.</u>
	\$119,412.66 net total

Sincerely,

Arch Hudelson
Ransome Mfg.

Free shipping for most orders over \$75

Most orders processed before 2:30 pm EST, ship same day



CART (0)



320H Direct Fired Vaporizer - Call for Pricing!

PRICE: \$32,686.00

Item Code: 320H

320 GPH / 640 Kg/Hr / 29 Mmbtu/hr

Product Documents

Quantity

[add to cart](#)

There are no file attachments for this product.

[Product Attachments](#)

[Product Description](#)

Algas-SDI Direct Fired 320H LP Gas

Ideal for applications that lack electricity or requires portability

SPECIFICATIONS

VAPORIZATION TYPE

Direct Fired / Flow Through

ELECTRICAL DATA

None Required

SPECIFICATIONS		NOTES REQUIRED
MODEL NUMBER	320H	
DESIGN PRESSURE	290 PSI / 20.0 Barg	
RELIEF VALVE SET POINT	250 PSIG / 17.2 Barg	
HYDROSTATIC PRESSURE	435 PSIG / 29.9 Barg	
VAPORIZER APPROVALS:	ASME, UL (US and Canada)	
LIQUID INLET (FNPT)	2"	
LIQUID OUTLET (FNPT)	2"	
VAPORIZATION CAPACITY	640 Kg/h 320 US Gal/h 29.1 MMBTU/h	
BURNER INPUT	90.8 Kcal/h 360.0 BTU/h	
BURNER IGNITION	9vdc Re-ignitor standard on all units	
SHIPPING WEIGHT	810 lbs 368 kg	
SHIPPING DIMENSIONS	Length 43" Width 48" Height 72"	
KEY POINTS		
NO ELECTRICITY REQUIRED		
AUTO RE-IGNITOR STANDARD		
DOUBLE LIQUID CARRY-OVER PROTECTION		
THERMOSTAT EASILY OPERATED WITH GLOVES		
EASY ACCESS INLET VALVE		
LOW PROFILE (40/40 THRU 120/60) FOR EASE OF PORTABILITY		
PROPRIETARY CAPACITY CONTROL VALVE PREVENTS LOCK UP		
BURNER GAS ISOLATION VALVE PROVIDED		
THERMOWELL ALLOWS EASY REPLACEMENT OF GAS VALVE		
"SNAP-IN" 40/40 PILOT ASSEMBLY		

Operational Overview

By design, DF series direct fired vaporizers apply heat directly to a pressure vessel containing liquid LPG. The heating process induces vaporization, while consuming a small amount of the vapor generated. DF series vaporizers ensure a continuous vapor supply to your application.

Algas-SDI vaporizers are built tough. A rugged heavy gauge metal enclosure with power coat applied over zinc plating protects against harsh environments. The stainless-steel exhaust flue and stainless-steel tubing eliminates potential clogging of the vaporizer's temperature controller and burner orifices.

Access to the vaporizer internals is provided via a latch-less reliable door panel. The design allows easy removal of the burner if required. Our domed exhaust top combined with our unique flue collar design, prevents water rain infiltration to the burner. Algas-SDI Provides an automatic 9VDC re-ignitor as standard. When service requires replacement of the re-ignitor, spade connectors make the field change simple. Removal of the 9VDC battery allows the end user to disable the re-ignitor.

PHONE CONTACT
[\(804\) 236-3881](tel:(804)236-3881)

E-MAIL CONTACT
sales@burnerparts.com

OFFICE LOCATION
2011 Williamsburg Road
Richmond, VA 23231, USA

OFFICE HOURS
Mon - Fri 8AM - 5PM EST



Email: support@burnerparts.com
Phone: [\(804\) 236-3881](tel:(804)236-3881)

YOU CAN'T BE COOL UNLESS YOU'RE RUNNIN' HOT

PRODUCTS

[Regulators](#)

[Meters](#)

[Pressure Switches](#)

[Ignitors](#)

[Other Categories](#)

INFORMATION

[About Us](#)

[Delivery Information](#)

[FAQ](#)

[Privacy Policy](#)

[Terms & Conditions](#)

SERVICE

[Account](#)

[My Orders](#)

[Shopping Cart](#)

[Return Policy](#)

[Contact Us](#)

Free shipping for most orders over \$75 Most orders processed before 2:30 pm EST, ship same day



80/40H Direct Fired Vaporizer

PRICE: \$10,262.00

Item Code: 80/40H

80 GPH / 160 Kg/Hr / 7.2 Mmbtu/hr

Product Documents

Quantity

[add to cart](#)

There are no file attachments for this product.

[Product Attachments](#)
[Product Description](#)

Algas-SDI Direct Fired 80/40H LP Gas

Ideal for applications that lack electricity or requires portability

SPECIFICATIONS

VAPORIZATION TYPE

Direct Fired / Flow Through

ELECTRICAL DATA

None Required

MODEL NUMBER	80/40H
DESIGN PRESSURE	290 PSI / 20.0 Barg
RELIEF VALVE SET POINT	250 PSIG / 17.2 Barg
HYDROSTATIC PRESSURE	435 PSIG / 29.9 Barg
VAPORIZER APPROVALS:	ASME, UL (US and Canada) CE, PED (DNV)
LIQUID INLET (FNPT)	3/4"
LIQUID OUTLET (FNPT)	1"
VAPORIZATION CAPACITY	80 Kg/h 40 US Gal/h 3.6 MMBTU/h
BURNER INPUT	13.0 Kcal/h 51.3 BTU/h
BURNER IGNITION	9vdc Re-ignitor standard on all units
SHIPPING WEIGHT	155 lbs 71 kg
SHIPPING DIMENSIONS	Length 21" Width 22" Height 42"

KEY POINTS

NO ELECTRICITY REQUIRED
AUTO RE-IGNITOR STANDARD
DOUBLE LIQUID CARRY-OVER PROTECTION
THERMOSTAT EASILY OPERATED WITH GLOVES
EASY ACCESS INLET VALVE
LOW PROFILE (40/40 THRU 120/60) FOR EASE OF PORTABILITY
PROPRIETARY CAPACITY CONTROL VALVE PREVENTS LOCK UP
BURNER GAS ISOLATION VALVE PROVIDED
THERMOWELL ALLOWS EASY REPLACEMENT OF GAS VALVE
"SNAP-IN" 40/40 PILOT ASSEMBLY

Operational Overview

By design, OF series direct fired vaporizers apply heat directly to a pressure vessel containing liquid LPG. The heating process induces vaporization, while consuming a small amount of the vapor generated. OF series vaporizers ensure a continuous vapor supply to your application.

Algas-SDI vaporizers are built tough. A rugged heavy gauge metal enclosure with power coat applied over zinc plating protects against harsh environments. The stainless-steel exhaust flue and stainless-steel tubing eliminates potential clogging of the vaporizer's temperature controller and burner orifices.

Access to the vaporizer internals is provided via a latch-less reliable door panel. The design allows easy removal of the burner if required. Our domed exhaust top combined with our unique flue collar design, prevents water rain infiltration to the burner. Algas-SDI Provides an automatic 9VDC re-ignitor as standard. When service requires replacement of the re-ignitor, spade connectors make the field change simple. Removal of the 9VDC battery allows the end user to disable the re-ignitor.

 **PHONE CONTACT**
(804) 236-3881

 **E-MAIL CONTACT**
sales@burnerparts.com

 **OFFICE LOCATION**
2011 Williamsburg Road
Richmond, VA 23231, USA

 **OFFICE HOURS**
Mon - Fri 8AM - 5PM EST



Email: support@burnerparts.com
Phone: (804) 236-3881

YOU CAN'T BE COOL UNLESS YOU'RE RUNNIN' HOT

PRODUCTS

[Regulators](#)

[Meters](#)

[Pressure Switches](#)

[Initors](#)

INFORMATION

[About Us](#)

[Delivery Information](#)

[FAQ](#)

[Privacy Policy](#)

SERVICE

[Account](#)

[My Orders](#)

[Shopping Cart](#)

[Return Policy](#)

