



BEFORE THE CITY COMMISSION
CITY OF STUART, FLORIDA

RESOLUTION NUMBER 77-2016

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA TO RENEW ITB NO. 2015-293, CHEMICALS FOR WATER TREATMENT PLANT/WATER RECLAMATION FACILITY ON AN "AS NEEDED" BASIS, FOR THE 1ST RENEWAL PERIOD THROUGH SEPTEMBER 30, 2017 TO THE FOLLOWING FIRMS, PROVIDING AN EFFECTIVE DATE; AND FOR OTHER PURPOSES.

* * * * *

NOW THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA that:

SECTION 1: The City Commission of the City of Stuart hereby approves the first of two (2) renewal periods of ITB NO. 2015-293 Chemicals for Water Treatment Plant/Water Reclamation Facility for the period October 1, 2016 through September 30, 2017.

<u>Item</u>	<u>Vendor</u>	<u>Chemical</u>	<u>Amount</u>
1	Allied Universal Corporation.	Sodium Hypochlorite	\$68,160.00
2	Tanner Industries, Inc.	Anhydrous Ammonia	\$14,052.50
3	Florida Chemical Supply Inc.	Hydrofluorosilicic acid	\$8,700.00
4	Cheney Lime & Cement	Pebble Quicklime	\$124,880.00
5	Brenntag Mid South Inc.	Hydrochloric Acid	\$2,337.50
6	Shannon Chemical Corporation	Sodium Hexametphosphate	\$19,646.00
7	Sterling Water Technologies	Anionic Dry Polymer	\$5,569.98
8	Fort Bend Services, Inc.	Cationic Liquid Polymer	\$14,128.40
9	Thatcher Chemical of Florida, Inc	Liquid Ferric Sulfate	\$40,320.00
10	Brenntag Mid South Inc.	Liquid Ferric Chloride	\$28,050.00
	Overall Total		\$325,844.38

Resolution No. 77-2016
Renew ITB No. 2015-293 for Chemicals: Water Treatment Plant/Water Reclamation Facility

SECTION 2: This resolution shall take effect upon adoption.

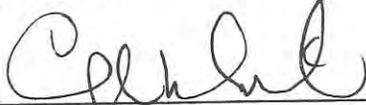
ADOPTED this 12th day of September 2016.

Commissioner MCDONALD offered the foregoing resolution and moved its adoption. The motion was seconded by Commissioner GLASS LEIGHTON and upon being put to a roll call vote, the vote was as follows:

JEFFREY A. KRAUSKOPF, MAYOR
EULA R. CLARKE, VICE MAYOR
TOM CAMPENNI, COMMISSIONER
TROY A. MCDONALD, COMMISSIONER
KELLI GLASS LEIGHTON, COMMISSIONER

YES	NO	ABSENT
X		
X		
		X
X		
X		

ATTEST:

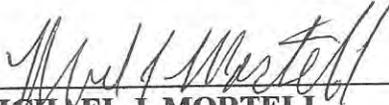


CHERYL WHITE
CITY CLERK



JEFFREY A. KRAUSKOPF
MAYOR

APPROVED AS TO FORM
AND CORRECTNESS:



MICHAEL J. MORTELL
CITY ATTORNEY





City of Stuart

121 SW Flagler Avenue • Stuart • Florida 34994
Department of Financial Services
Procurement & Contracting Services Division

Telephone (772) 288-5320
Fax: (772) 600-1202
www.cityofstuart.us

Alaina Knofla
Procurement Specialist
aknofla@ci.stuart.fl.us

July 25, 2016

Via Email Transmission: jayson.stenquist@tchem.com

Thatcher Chemical of Florida, Inc.
Attn: Mr. Craig N. Thatcher
245 Hazen Rd.
Deland, FL 32720

Subject: Renewal for ITB #2015-293, Chemicals at Water Treatment/Water Reclamation Facility

Dear Mr. Thatcher,

This is official notification to your firm that the City of Stuart is satisfied with your firm's performance and wishes to extend your current contract for Liquid Ferric Sulfate for the period beginning October 1, 2016 and ending on September 30, 2017 which represents the first year of two (one year) renewal options. This extension is granted under the same terms, conditions, and pricing as the original contract.

Please complete the bottom portion of this letter if your firm will agree to the requested renewal. Your response must be received **no later than 4:00 p.m., August 3, 2016**. You may fax your response to (772) 600-1202 or send by email to aknofla@ci.stuart.fl.us.

Thank you for your cooperation and immediate attention to this matter. Please contact me at (772) 288-5320, if you should have any questions.

Best Regards,

Alaina Knofla
Procurement Specialist

CC: ITB 2015-293 File

I hereby agree to the contract renewal as specified of the subject Agreement

I am unable to agree to the contract renewal as specified of the subject Agreement

(Signature)

Craig N. Thatcher

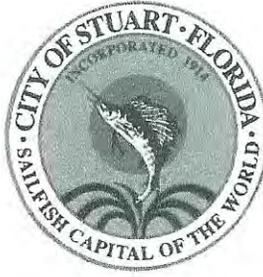
Printed Name

President

Title

August 1, 2016

Date



BEFORE THE CITY COMMISSION
CITY OF STUART, FLORIDA

RESOLUTION NUMBER 82-2015

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA TO APPROVE THE AWARD OF ITB NO. 2015-293, CHEMICALS FOR WATER TREATMENT PLANT/WATER RECLAMATION FACILITY TO THE LOWEST, MOST RESPONSIVE RESPONSIBLE BIDDERS, ON AN AS NEEDED BASIS, TO THE FOLLOWING FIRMS, PROVIDING AN EFFECTIVE DATE; AND FOR OTHER PURPOSES.

* * * * *

NOW THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA that:

SECTION 1: The City Commission of the City of Stuart, Florida approves the award of ITB No. 2015-293 to the lowest most responsive and responsible bidders for the purchase of chemicals on an as-needed basis to operate the Water Treatment Plant/Water Reclamation Facility. This contract will be awarded for an initial one year period with the option to renew for two additional one year periods. The chemicals and bidders involved are as stated below:

Item	Vendor	Chemical	Amount
1	Allied Universal Corporation.	Sodium Hypochlorite	\$68,160.00
2	Tanner Industries, Inc.	Anhydrous Ammonia	\$14,052.50
3	Florida Chemical Supply Inc.	Hydrofluorosilicic acid	\$8,700.00
4	Cheney Lime & Cement	Pebble Quicklime	\$124,880.00
5	Brenntag Mid South Inc.	Hydrochloric Acid	\$2,337.50
6	Shannon Chemical Corporation	Sodium Hexametphosphate	\$19,646.00
7	Sterling Water Technologies	Anionic Dry Polymer	\$5,569.98
8	Fort Bend Services, Inc.	Cationic Liquid Polymer	\$14,128.40
9	Thatcher Chemical of Florida, Inc	Liquid Ferric Sulfate	\$40,320.00
10	Brenntag Mid South Inc.	Liquid Ferric Chloride	\$28,050.00
	Overall Total		\$325,844.38

Resolution No. 82-2015
Award ITB No. 2015-293 for Chemicals: Water Treatment Plant/Water Reclamation
Facility

SECTION 2: This resolution shall take effect upon adoption.

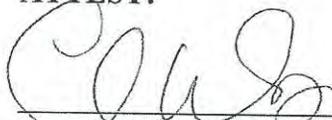
ADOPTED this 14th day of September 2015.

Commissioner MCDONALD offered the foregoing resolution and moved its adoption.
The motion was seconded by Commissioner CAMPENNI and upon being put to a roll
call vote, the vote was as follows:

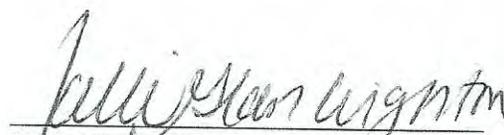
KELLI GLASS-LEIGHTON, MAYOR
JEFFREY KRAUSKOPF, VICE MAYOR
TOM CAMPENNI, COMMISSIONER
TROY MCDONALD, COMMISSIONER
EULA R. CLARKE, COMMISSIONER

YES	NO	ABSENT
X		
		X
X		
X		
X		

ATTEST:



CHERYL WHITE
CITY CLERK

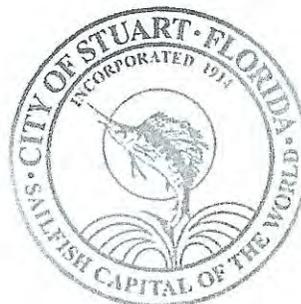


KELLI GLASS-LEIGHTON
MAYOR

APPROVED AS TO FORM
AND CORRECTNESS:



MICHAEL J. MORTELL
CITY ATTORNEY





City of Stuart

121 SW Flagler Avenue • Stuart • Florida 34994
Department of Financial Services
Procurement and Contracting Services Division

Lenora Darden, CPPB
Procurement Manager
purchasing@ci.stuart.fl.us

Telephone (772) 288-5320
Fax: (772) 600-0134

September 17, 2015

Via: Email transmission, jayson.stenquist@tchem.com

Thatcher Chemical of Florida, Inc.
Attn: Mr. Craig N. Thatcher, President
245 Hazen Road
Deland, FL 32720-3967

Subject: Notice of Award
ITB No. 2015-293, Chemicals for Water Treatment/Water Reclamation Facilities

Dear Mr. Thatcher:

The Stuart City Commission awarded ITB No. 2015-293, Chemicals for Water Treatment/Water Reclamation Facilities, to your firm on Monday, September 14, 2015, in the amount of **\$40,320.00**. Please consider this your formal notice of award. The City of Stuart requests that you provide all necessary insurance requirements within 10 days (September 27, 2015) as listed below:

A "Certificate of Insurance" which reflects all types and levels of coverage as noted in the Request for Proposal. The insurance certificate must also have printed in the "Remarks" box, words to the effect: **"The City of Stuart is an additional insured"**. The City requests that the insurance certificate lists the **project number and the project name**, ITB No. 2015-293, Chemicals for Water Treatment/Water Reclamation Facilities.

Orders from the City of Stuart will be placed throughout the contract period through the issuance of a Blanket Purchase Order, which will serve as your contract and notice to proceed, upon receipt of required documents. All services shall be coordinated with the City Project Manager, Mike Woodside at 772-288-5343 ext. 5444.

The initial contract period will be for one year, effective October 1, 2015 through September 30, 2016, with two one-year renewal options. The City reserves the right to exercise the option to renew annually, if mutually agreed upon in writing by both parties subject to the same terms and conditions of the original agreement. Annual renewals shall be subject to the appropriation of funds, vendor's satisfactory performance and determination that the contract renewal is in the best interest of the City.

The City of Stuart looks forward to a mutually beneficial business relationship. If you have any questions, please feel free to contact me by email at purchasing@ci.stuart.fl.us or call me at (772) 288-5320.

Sincerely yours,

Lenora Darden
Procurement Manager

Cc: Dave Peters, Assistant Public Works Director
Mike Woodside, Team Leader II
2015-293 ITB File



City of Stuart
121 SW Flagler Avenue
Stuart, FL 34994
Department of Financial Services

COPY

Lenora Darden
Procurement Manager

Procurement & Contracting Services Division
772.288.5320 PHONE

772.600.0134 FAX
purchasing@ci.stuart.fl.us

INVITATION TO BID

FOR: CHEMICALS: WATER TREATMENT/WATER RECLAMATION FACILITY

DATE: June 22, 2015

DEPT: Public Works

BID NUMBER: 2015-293

THIS IS NOT AN ORDER

Bids will be opened and publicly read aloud at City Hall, 121 S.W. Flagler Ave., Stuart, FL at 2:30 pm on Wednesday, the 29th day of July, 2015. Bids must be SUBMITTED ON THE desired.

Please attach this completed form as the top sheet for all bids submitted. Bid bonds, if required, may be in the form of a Surety Bond, Cashier's Check or Certified Check (checks payable to The City of Stuart).

Bidder's Name	<u>Craig N. Thatcher</u>
Company Name	<u>Thatcher Chemical of Florida, Inc.</u>
Street Address	<u>245 Hazen Road</u>
City, State, Zip	<u>Deland, FL 32720-3967</u>

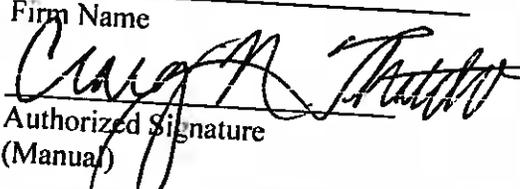
Total Amount of Bid \$ 60,251.00

It is the intent and purpose of the City of Stuart that this Invitation to Bid promotes competitive bidding. It shall be the bidder's responsibility to advise the Procurement Division if any language, requirements, etc., or any combination thereof, inadvertently restricts or limits the requirements stated in this Invitation to Bid to a single source. Such notification must be submitted in writing and must be received by the Procurement Division not later than ten (10) days prior to the bid opening date.

Hand Deliver Mail/Express Bids to:
Stuart City Hall
Procurement & Contracting Services Office
121 S.W. Flagler Avenue
Stuart, Florida 34994

A2 BID SIGNATURE SECTION

- A2.1 This sheet must be signed by a person authorized to sign for your firm and returned with your bid. Failure to comply will result in disqualification of submittal.
- A2.2 Delivery shall be a factor in award. Failure to perform within delivery deadline(s) set forth in the specifications or any other contract document shall constitute default.
- A2.3 Section Not Used
- A2.4 The City reserves the right to reject any or all bids, without recourse, to waive technicalities or to accept the bid which in its sole judgment best serves the interest of the City. Cost of submittal of this bid is considered an operational cost of the bidder and shall not be passed on to or be borne by the City.
- A2.5 Goods, services, supplies or equipment covered in the specifications shall be delivered F.O.B. Destination.
- A2.6 The City may accept any item or group of items on any bid unless the offeror qualifies his bid by specific limitations.
- A2.7 Bidders are requested not to contact the City Commission, requesting/evaluating Departments or Divisions after bids are opened. Any questions from bidders or evaluating Departments or Divisions will be answered through the Procurement Division.
- A2.8 If not bidding any or all items, please so state.
- A2.9 Bidders are expected to examine the specifications, delivery schedule, bid prices, extensions and all instructions pertaining to supplies and services. In the event of extension error(s), the unit price will prevail and the Bidder's total offer will be corrected accordingly. In the event of addition errors, the extended totals will prevail and the Bidder's total will be corrected accordingly. Bids having erasures or corrections must be initialed in ink by the Bidder.
- A2.10 Failure to comply with these instructions may result in disqualification of your bid.

Thatcher Chemical of Florida, Inc.	7/28/2015	jayson.stenquist@tchem.com
_____ Firm Name	_____ Date	_____ Email Address
 _____ Authorized Signature (Manual)	(386) 490-1638	_____ Telephone Number
Craig N. Thatcher, President	(386) 490-1641	_____ Facsimile Number
_____ Name/Title (Please Print)		

Any questions regarding this Invitation to Bid should be addressed to the Procurement & Contracting Services Office, City of Stuart, Florida. Contact Purchasing: Email: purchasing@ci.stuart.fl.us, and Fax # (772) 600-0134.

the bid submittal as non-responsive. Vendors will describe how they comply when asked to specify their compliance.

Technical Specifications					
Item No.	Chemical Description	Physical Data	Individual Shipment Quantities	Compliance	Used at WTP WWTP
1	Liquid Sodium Hypochlorite	<p>Density 1.10 – 1.30, SpG (10%) 1.163, (12%) 1.202</p> <p>Color: liquid=green-yellow</p> <p>Minimum strength of 120 grams per liter (12 trade percent by volume)</p> <p>Contaminant concentration limits:</p> <p>Iron < 0.3 mg/L Copper < 0.3 mg/L</p> <p>Nickel: < 0.3 mg/L Chlorate: < 2,500 mg/L</p> <p>Bromate < 20 mg/L Perchlorate ≤ 20 mg/L</p> <p>Suspended Solids Test Time < 3 minutes</p> <p>The suspended solids in the sodium hypochlorite delivered under this contract shall be minimized and the shipments delivered shall achieve a filtration time of less than 3 minutes for 1,000 ml when applying the "Suspended Solids Quality Test for Bleach Using the Vacuum Filtration" Method co-developed by Dr. Bernard Bubnis of NovaChem.</p>	5,000 gallon combined deliveries, Tanker Truck	Yes <input type="checkbox"/> No <input type="checkbox"/> (Not Applicable)	WTP WWTP
2	Anhydrous Ammonia	<p>SpG 0.62 @ 60 F, pH+ 11.6 (1 N sol. In water) % volatile by volume: 100</p> <p>Solubility in water: 33% @ 68F</p> <p>Vapor density: 0.6 @ 32 F</p> <p>Metallurgical Grade Anhydrous Ammonia</p>	City owns a 1,000 gal tank, The average delivery size is 600 gals/3,000 lbs	Yes <input type="checkbox"/> No <input type="checkbox"/> (Not Applicable)	WTP
3	Hydrofluosilicic Acid	<p>23 – 25% AWWA Standard B703-06</p> <p>No more than 0.020% heavy Metals (Mercury, Lead, Bismuth, and Copper expressed as Lead)</p>	300 gallon deliveries, Tanker Truck	Yes <input type="checkbox"/> No <input type="checkbox"/> (Not Applicable)	WTP
4	Quicklime (Pebble Lime) *Florida Lime is Not Acceptable	<p>Not less than 92% available CaO</p> <p>SpG = 3.3, pH 11.7 – 12.5</p> <p>Slaking rate: 100g in 400g of water shall increase temperature from 25C to 72C in three minutes</p> <p>Size: 1/8" x 3/8" (maximum of 10% passing a 1/8" screen & nothing retained on 1/2" screen)</p>	25 ton deliveries, Tanker Truck with pneumatic unloading capability	Yes <input type="checkbox"/> No <input type="checkbox"/> (Not Applicable)	WTP

5	Hydrochloric Acid 31.45% (muriatic acid)	20 Baume, 31.45% active ingredients 68.55% inert	55 gallon drums, Flat-bed Truck (20 drums)	Yes <input type="checkbox"/> No <input type="checkbox"/> (Not Applicable)	WTP
6	Sodium Hexametphosphate	Contain not less than 60% phosphorus pentoxide, 26.2 phosphorus, or 80.4% phosphate on an as-is basis, pH of 1% solution 5.7 – 7.3 The typical order size will be one (1) pallet of 50 bags (50 lbs each).	50 pound multi- walled, moisture proof bags, Enclosed Truck with lift-gate	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (25 kg bags)	WTP
7	Anionic Dry Polymer with a 30 positive charge	FBS 730	50 pound multi- walled, moisture proof bags, Enclosed Truck with lift-gate 500 lbs per order	Yes <input type="checkbox"/> No <input type="checkbox"/> (Not Applicable)	WTP
8	Cationic Liquid Polymer	FBS 7602 The cationic liquid polymer at the Water Reclamation Facility is used for sludge dewatering with a belt press, price per gallon sold in 55 gallon containers @ 42% active content	55 gallon drums, Flat-bed Truck with lift-gate	Yes <input type="checkbox"/> No <input type="checkbox"/> (Not Applicable)	WWTP
9	Liquid Ferric Sulfate	The liquid Ferric Sulfate shall conform to all applicable AWWA/ANSI standards, latest revisions, including ANSI/AWWA Standard B406 or the latest revision; "Standard for Ferric Sulfate". The liquid ferric sulfate shall be supplied as aqueous solution containing nor less than 12.5% ferric iron and contain no more than 0.1% ferrous iron, all soluble, which is approved for potable water treatment.	275 gallon semi- bulk tote bins Flat-bed Truck with lift-gate	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Will need to use van truck with liftgate.)	WTP
10	Liquid Ferric Chloride	The liquid Ferric Chloride shall conform to all applicable AWWA/ANSI standards, latest revisions including ANSI/AWWA Standard 60 certified for use in potable water treatment.	275 gallon semi- bulk tote bins Flat-bed Truck with lift-gate	Yes <input type="checkbox"/> No <input type="checkbox"/> (Not Applicable)	WTP

F. **BID SCHEDULE:** In accordance with the terms, conditions and specifications, the undersigned bidder hereby submits the following prices for supplying The City of Stuart with the goods and/or services called for in Bid #2015-293.

Item No.	Description	Estimated Quantity	Unit of Measure	Unit Price	Annual Price
1	12% Sodium Hypochlorite, liquid or a minimum	120,000	GAL	\$ No Bid	\$ N/A
2	Ammonia (NH3)	18,250 LB	GAL	\$ No Bid	\$ N/A
3	Fluoride	3,000	GAL	\$ No Bid	\$ N/A
4	Pebble Lime (CaO) (Quick Lime)	560	TON	\$ No Bid	\$ N/A
5	Hydrochloric Acid 31.45%	1,100	GAL	\$ No Bid	\$ N/A
6	Sodium Hexametaphosphate	19,000	LB	\$ 1.049	\$ 19,931.00
7	Polymer, anionic-granular	2,600	LB	\$ No Bid	\$ N/A
8	Polymer, cationic liquid	1,430	GAL	\$ No Bid	\$ N/A
9	Liquid Ferric Sulfate	18,000	GAL	\$ 2.24	\$ 40,320.00
10	Liquid Ferric Chloride	10,000	GAL	\$ No Bid	\$ N/A
Item(s) #: <u>6 & 9</u> - Overall Total for all items that apply					\$ 60,251.00
Is Bidder offering the above product as specified? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
If No, bidder is to indicate their equivalent below and attach product literature.					
Item #: _____ Product _____		Item #: _____ Product _____			
Item #: _____ Product _____		Item #: _____ Product _____			
F.O.B. Destination: # ^{72 to 120} _____ Hours for Delivery after receipt of order (ARO)					

Company Name: Thatcher Chemical of Florida, Inc.

Date: 7/28/2015

Preferred method of payment is by the City Purchasing Card (VISA). **DO YOU ACCEPT THE PURCHASING CARD (VISA)?** Yes No

If you are not the successful bidder awarded as primary provider, would you accept serving as the secondary (backup) provider, with the same terms as conditions as your bid? Yes No

All Prices will remain firm for a period of forty-five (45) days from the date of Bid opening.

The City of Stuart offers bidders who commit to accepting the Purchasing Card, noted above in the Bid Schedule as payment method, a one percent (1%) reduction in their bid price for evaluation purposes only. When evaluating prices submitted by bidders in response to this solicitation, the total offered price of a bidder committed to accepting the Purchasing Card will be reduced by one percent, the resulting number is then compared to the other bidders' offered price. If the committed bidder is awarded the contract, the award will be at the originally bid price.

The undersigned bidder hereby certifies that the invitation to bid has not been altered in any manner; and that bidder has received all the Addenda listed below and has incorporated them into his Bid listed herein. Failure to acknowledge the above requirements will render the bid non-responsive and no further evaluation of the bid will occur.

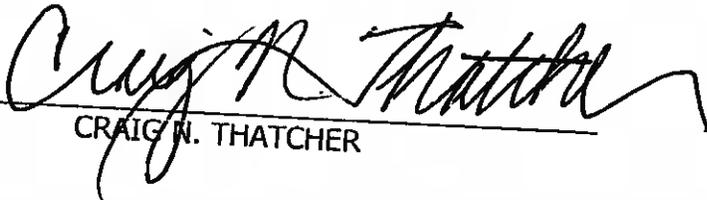
ACKNOWLEDGEMENT IS HEREBY MADE OF RECEIPT OF ADDENDA ISSUED DURING THE SOLICITATION PERIOD:

ADDENDUM # 0 THROUGH ADDENDA # 0

Company Name: Thatcher Chemical of Florida, Inc. Date: 7/28/2015

Name of individual submitting Bid: Craig N. Thatcher

Email address: wendy.richmond@tchem.com Ph: (386) 490-1638

AUTHORIZED SIGNATURE: 
CRAIG N. THATCHER

ATTACHMENT B
QUALIFICATION OF BIDDERS INFORMATION/QUESTIONNAIRE

THIS IS A FILLABLE FORM

Part A - Qualifications Questionnaire

Information provided shall fully explain the firm's qualifications and experience of their Organization to provide chemicals for the City as stated below: **(Bidders may attach additional sheets, if necessary).**

Provide supporting documentation that Bidder is an authorized agent, dealer, seller, or distributor for the sale and distribution of product. Is supporting documentation included?
Yes No

Part B - Other Information

1. Contractor to provide details of uniform and identification worn by employees.
Not applicable.
2. Provide office hours and contact information of staff responsible for coordination of services.
Monday through Friday basis from (7:00 a.m. through 3:00 p.m.)
Monday through Friday 8:00 a.m. through 4:30 p.m. ET
3. Please provide 24-hour Emergency Contact Information if different than above:
Michael Mitchell / (779) 227-5389
4. Number of year's organization has been in business. 8
5. Have you any similar work in progress at this time? Yes No
6. Submission of quality control program: Yes No
7. Submission of Safety program: Yes No

Company Name Thatcher Chemical of Florida, Inc.

ATTACHMENT C

REFERENCES

Provide three (3) satisfactory references within the past five (5) years of similar complexity, nature, and size of this project.

#1 REFERENCE

Company/Entity Name: Tampa Bay Water	
Address 2575 Enterprise Road	
City Clearwater	State FL Zip Code 33763
Contact Name: Tommy Brown	Title: Superintendent
Phone No:(813) 929 - 4527 Fax:() -	
Email: rjones@cityofedgewater.org	
Delivery Date: Currently	Location Clearwater, FL
Type of Product Supplied Ferric sulfate	
Governmental or Private Private	Dollar Value of Contract \$ 1,200,000

#2 REFERENCES

Company/Entity Name: City of Edgewater	
Address 3315 SR 442	
City Edgewater	State FL Zip Code 32132
Contact Name: Eric Bosse	Title: WWTP Manager
Phone No:(386) 424 - 2490 Fax:() -	
Email: rjones@cityofedgewater.org	
Delivery Date: Currently	Location Edgewater, FL
Type of Product Supplied Ferric sulfate	
Governmental or Private Private	Dollar Value of Contract \$

#3 REFERENCES

Company/Entity Name: City of Bartow	
Address 2500 Highway 17 North	
City Bartow	State FL Zip Code 33830
Contact Name: Bill Cowles	Title: Supervisor
Phone No:(863) 534 - 0159 Fax:() -	Email: bcowles.water@city
Delivery Date: Currently	Location Bartow, FL
Type of Product Supplied Ferric sulfate	
Governmental or Private Private	Dollar Value of Contract \$ 35,000

Company Name Thatcher Chemical of Florida, Inc.

ATTACHMENT D

BIDDERS CHECKLIST

This checklist is provided to assist each Bidder in the preparation of their bid response. Included in this checklist are important requirements, which is the responsibility of each Bidder to submit with their response in order to make their response fully compliant. This checklist is only a guideline~ it is the responsibility of each Bidder to read and comply with the Invitation to Bid in its entirety.

Is Bid envelope marked accordingly?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Is Invitation to Bid cover page (page 1) completed, signed and attached?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Is copy of bidder's valid Business Tax Receipt submitted?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Is Bid Schedule Form completed, signed and attached?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Is safety report and Quality program included?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Is bid submitted in triplicate (one original, two copies) ?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Bidder must submit proof that their firm name is registered, with their State of origin	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Is proof of insurance included?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Is minimum Qualification of Bidders/Questionnaire information included?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Is Reference Form completed and enclosed?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Is MSDS or COA submitted?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Are addendum (if any issued) signed and submitted?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Submit a copy of all Licenses, Certificates, or Registrations, held by Bidder	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Is W-9 Form completed, signed and attached?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
All prices have been reviewed for mathematical accuracy, all price corrections initialed, and all price extensions and totals thoroughly checked.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

Company Name Thatcher Chemical of Florida, Inc.



Volusia County Revenue Division
 123 W. Indiana Avenue • Room 103 • Deland, Florida 32720
 West Volusia (386) 736-5938 • Daytona Beach (386) 254-4635
 New Smyrna (386) 423-3325 • www.volusia.org/revenue

v 9562

2014 / 2015 Volusia County Business Tax Renewal Notice

The business listed below is registered with Volusia County and the business tax for the fiscal year 2015 that begins on October 1, 2014 is now due. Before making your payment, please review all the information in this notice for accuracy. If any of the information is incorrect, please contact the Revenue Division at one of the numbers listed above for further instructions.

Receipt #: 200906030001 Business Location: 245 HAZEN RD DELAND, FL	Business Name: THATCHER CHEMICAL OF FLORIDA Owner Name: THATCHER CHEMICAL OF FLORIDA Mailing Address: P O BOX 27407 SALT LAKE CITY, UT 84127
--	--

Amounts shown to the right are the base annual tax, and do not include penalties or delinquent years. Your **TOTAL DUE IS LISTED AT THE BOTTOM OF THE PAGE.**

BUSINESS TYPE	COUNT	TAX
Manufacturing	5	\$30.00
Hazardous Waste Fee		\$37.00

If your business is still active, and all of the information above is accurate, detach and return the form below with your payment in the enclosed envelope. Please make your check payable to County of Volusia. You can also pay online using your credit card or e-check at www.volusia.org/taxes. Volusia County has contracted with a third party vendor who charges a convenience fee to provide this service.

IF YOUR BUSINESS HAS CLOSED, fill out the following information and return this form to us in its entirety.

_____	_____	_____
Date Business Closed	Signature of Person Closing Business	Current Date

2014 / 2015 Volusia County Business Tax Renewal Notice

Make check payable to: County of Volusia Receipt #: 200906030001 Business Location: 245 HAZEN RD DELAND, FL

Mall to:
 County of Volusia
 Tax Processing Center
 PO Box 23237
 Deland, FL 32623-2237

Business Name: THATCHER CHEMICAL OF FLORIDA
 Owner Name: THATCHER CHEMICAL OF FLORIDA
 Mailing Address: PO BOX 27407
 SALT LAKE CITY UT 84127-0407
 BTR-21302

please pay only one amount. The amounts due after Sept 30th include penalties per FS205.053.

Paid By:	Sept. 30, 2014	Oct. 31, 2014	Nov. 30, 2014	Dec. 31, 2014	After Dec 31 st
Amount Due:	\$67.00	\$70.00	\$71.50	\$73.00	\$74.50

DO NOT WRITE ON THIS PORTION OF THE BILL

1000000000000000000020090603000101201500000003000000000037000



July 28, 2015

CITY OF STUART, FL BID
Chemicals: Water Treatment/Water Reclamation Facility
Bid No.: 2015-293
Opening: July 29th, 2015 @ 2:30 PM

QUALIFICATIONS AND EXPERIENCE

Company History

Thatcher Chemical of Florida, Inc. is subsidiary of the Thatcher Group, Inc. From its founding in 1967 the Thatcher Group, Inc. has grown to become a major chemical manufacturer and distributor in the United States, Canada, Mexico, Europe and the Pacific Rim. Thatcher Group, Inc. employs more than 400 people throughout 12 U.S. locations (including facilities in AZ, ID, CA, NV, FL, NY, and MT).

Thatcher Chemical of Florida, Inc. is the clear choice for all your chemical needs...large or small.

Specific Chemicals

Ferric Sulfate - Thatcher Chemical of Florida, Inc. has large capacity production in Deland and Palmetto. We have been producing Ferric Sulfate since 2009. We have completed contracts with Tampa Bay Water and supplied more than 30 truckloads per week during one of their high use periods.

Sodium Hexametaphosphate - Thatcher Chemical of Florida, Inc. has large stocks in Deland for immediate delivery.

Two Local United States Locations

THATCHER CHEMICAL OF FLORIDA, Inc. – Deland, Florida
245 Hazen Road
Deland, Florida 32720
(386) 490-1638

- 4,000+ sq. ft. manufacturing facility
- 10,000 sq. ft. warehouse
- 4,000+ sq. ft. tank farm
- 30,000+ gal reactor and mix capabilities
- 100,000 gal chemical storage capabilities
- 6 acres

Branches , SOPs SF, IH, HM

Type	Name	Revision	Title	Branch	Modified
	EHS-01	0	Thatcher Company Lockout / Tagout Program	All	12/4/2012 9:00 AM
	EHS-03	0	General Hot Work	All	7/14/2015 1:30 PM
	EHS-14	0	Thatcher Company Security Program	All	4/26/2012 5:01 PM
	EHS-26	1	Employee Injury and Illness Prevention Plan (EIIPP)	All	11/4/2013 1:01 PM
	HM-126	5	Hazardous Material Training and Certification	All	3/2/2012 2:59 PM
	IH-01	4	Recording and Reporting Chemical Release	All	3/2/2012 1:37 PM
	IH-02	10	Chemical Hygiene Plan for Laboratory	All	12/30/2013 12:25 PM
	SF-02	7	Confined Space Entry	All	3/2/2012 1:36 PM
	SF-04	4	Process Safety Management Employee Participation	All	3/2/2012 1:36 PM
	SF-05	2	Process Safety Management Hazard Information	All	3/2/2012 1:36 PM
	SF-06	4	Accident/Incident Investigation	All	3/2/2012 1:36 PM
	SF-07	3	Management of Change of Equipment and Processing Conditions	All	3/2/2012 1:36 PM
	SF-08	3	Preparing and Suing Up in a Hazmat Situation Requiring Self-Contamination	All	3/2/2012 1:36 PM
	SF-09	1	Disciplining and Documenting Safety and Conduct Violations	All	3/2/2012 1:36 PM
	SF-10	2	Forklift Safety	All	3/2/2012 1:36 PM
	SF-11	4	Hazard Communication	All	3/2/2012 1:36 PM
	SF-12	4	Respiratory Protection	All	3/2/2012 1:36 PM
	SF-13	12	SLC Emergency Response Program	All	3/2/2012 1:36 PM
	SF-15	3	Hazard Assessment and Personal Protective Equipment (PPE) Selection	All	3/2/2012 1:36 PM
	SF-16	3	Storage of Incompatibles	All	3/2/2012 1:36 PM
	SF-17	2	Chemical Safety Plan for Production Personnel	All	3/2/2012 1:36 PM
	SF-18	1	Chlorine Room Emergency Shutdown Procedures	All	3/2/2012 1:36 PM
	SF-19	1	Bloodborne Pathogens	All	3/2/2012 1:36 PM
	SF-20	3	Railcar Auto Valve and Camera Monitoring	All	3/2/2012 1:36 PM
	SF-21	1	Diesel Dispensing Safety	All	3/2/2012 1:36 PM
	SF-22	1	Aerial Work Platform Safety	All	3/2/2012 1:36 PM
	SF-24	0	Safe Handling of Hydrofluorosilicic Acid (HFS)	All	3/2/2012 1:36 PM
	SF-25	0	Emergency Shutdown Procedures for SO2 and Ammonia Processes	All	3/2/2012 1:36 PM
	SF-26	0	Fall Protection, Walking and Working Surfaces	All	3/2/2012 1:36 PM
	SF-27	0	Noise Control	All	3/2/2012 1:36 PM

TCFL - SOPS

Branches > SOPS FL-Deland SOPS

Type	Name	Revision	Title	Branch	Modified
	AF-27	0	Sampling and Auditing of Products Manufactured at Branch Locations	All	3/1/2012 4:08 PM
	AF-35	2	Quality Risk Assessment	All	3/2/2015 9:21 AM
	AF-36	0	Fulfilling Univer Package Will Call Orders	All	4/14/2015 9:49 AM
	APF.A-50	2	Photograde and Water Treatment Aluminum Sulfate	All	3/1/2012 4:08 PM
	APF.A-51	1	Aluminum Sulfate	All	3/1/2012 4:08 PM
	EHS-01	0	Thatcher Company Lockout / Tagout Program	All	12/4/2012 9:00 AM
	EQ-02	3	Viscometer, Brookfield LVT and RVT Models	All	3/2/2015 9:19 AM
	EQ-102	0	Wilden Air Pump	All	3/1/2012 4:08 PM
	EQ-104	1	Pumps	All	3/1/2012 4:08 PM
	EQ-7110D	1	Plant Scales and Reference Weights	FL-Deland	3/1/2012 4:08 PM
	EQ-7112D	1	Ohaus Explorer Pro	FL-Deland	3/1/2012 4:08 PM
	EQ-81	1	pH Meter Set-Up and Operation	All	5/3/2013 9:09 AM
	HM-126	5	Hazardous Material Training and Certification	All	3/2/2012 2:59 PM
	IH-01	4	Recording and Reporting Chemical Release	All	3/2/2012 1:37 PM
	IH-02	10	Chemical Hygiene Plan for Laboratory	All	12/30/2013 12:25 PM
	LP.A-04	3	Appearance Testing of Products	All	3/1/2012 4:08 PM
	LP.A-11	0	Autotitration	All	8/20/2014 3:24 PM
	LP.D-01	2	Density and Specific Gravity	All	3/23/2012 8:18 AM
	LP.H-13	0	HPLC Operation	All	8/20/2014 3:23 PM
	LP.I-07	6	Available Iodine Determination	All	8/20/2014 9:13 AM
	LP.L-01	2	Loss on Drying/Residue	All	3/1/2012 4:09 PM
	LP.P-04	7	General Procedure for Determining pH	All	1/11/2013 1:49 PM
	LP.P-08	0	Commercial pH Reference Standard Buffer Solutions	All	1/11/2013 1:49 PM
	LP.V-03	2	Viscosity	All	10/31/2013 11:50 AM
	MBE-27	0	Air Dryer PM Procedure	All	3/1/2012 4:09 PM
	MBE-35	0	Air Compressor Maintenance	All	3/1/2012 4:09 PM
	MBE-40	5	Reuse of DOT Packaging Containers	All	12/23/2014 10:03 AM
	MBE-41	1	Drum Reconditioning	All	3/1/2012 4:09 PM
	MBE-43	1	Operating Procedures for Stainless Steel Reactors	All	3/1/2012 4:09 PM
	MC-26	1	Solid and Liquid Waste Handling	All	3/2/2012 1:41 PM



Thatcher Company Quality Management System (QMS) Introduction

Thatcher Company is committed to providing quality products and services to our customers. In pursuit of this goal, Thatcher Company has implemented a corporate-wide quality management system designed to assure that quality is a multi-functional effort covering all aspects of Thatcher Company's business units. The Thatcher Quality Management System (QMS) is a continuously evolving management system whose purpose is defined by four customer-centric goals:

- The identification and documentation of customer needs.
- The development, manufacture and delivery of products and services to meet those needs consistently.
- The collection of feedback from the customer to assess the company's performance.
- The implementation of actions based on the customer's feedback to improve the company's performance.

Developed and endorsed by company management, the Thatcher Company QMS ensures that customers receive quality, reliability and integrity in the products and services Thatcher Company provides to them, and that customers' needs and requirements are met. These goals are achieved while simultaneously maintaining a safe and responsible work environment within all Thatcher Company facilities. The system calls for strict adherence to specifications, as well as regulatory and quality requirements.

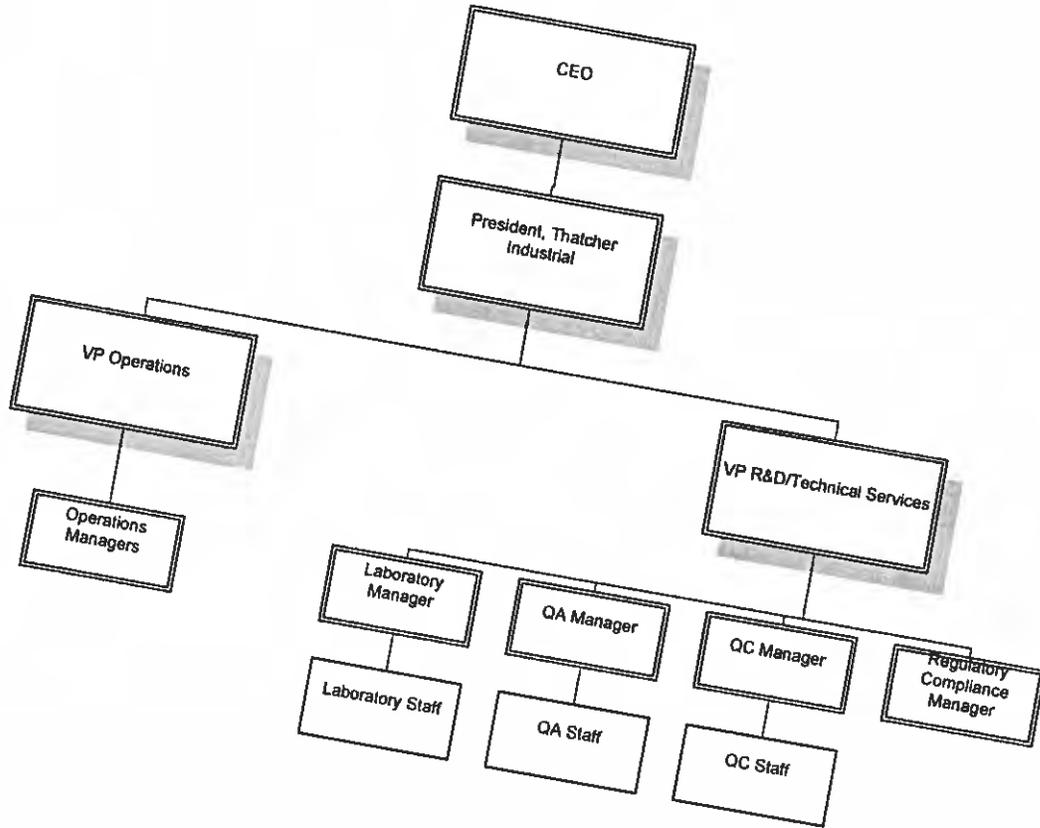
Thatcher Company QMS Description

Thatcher Company maintains a quality system that is a derivative of a quality system implemented when Thatcher Company maintained ISO9002:1994 registration (Approval Certificate Number 105596). This registration was maintained from 1995 to 2000. Following 2000 the Executive leadership team at Thatcher Company elected to discontinue ISO registration due to added quality system requirements imposed by c-GMP compliance required for Pharmaceutical products. Since this time, the quality system in place at Thatcher Company has retained many of the organizational elements of ISO9002:1994 but has also implemented significant structure to ensure cGMP compliance.

Today, the Quality Systems in place at Thatcher Company are administered and managed by the Technical Services organization within the company (see Appendix 1 for a generalized Quality

Appendix 1: Thatcher Company QMS Organization

Thatcher Company QMS Organization



State of Florida

Department of State

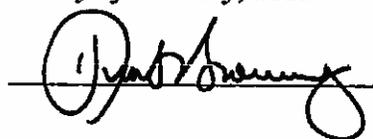
I certify from the records of this office that THATCHER CHEMICAL OF FLORIDA, INC. is a corporation organized under the laws of the State of Florida, filed on October 23, 2007.

The document number of this corporation is P07000116033.

I further certify that said corporation has paid all fees due this office through December 31, 2011, that its most recent annual report was filed on April 8, 2011, and its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

Given under my hand and the Great Seal of Florida, at Tallahassee, the Capital, this the Eleventh day of January, 2012



Secretary of State



Authentication ID: 200217975902-011112-P07000116033

To authenticate this certificate, visit the following site, enter this ID, and then follow the instructions displayed.

<https://efile.sunbiz.org/certauthver.html>



CERTIFICATE OF LIABILITY INSURANCE

THATCOM-01

DZEEH

DATE (MM/DD/YYYY)

3/26/2015

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER

The Presidio Group, Inc.
6295 South 300 West, #550
Salt Lake City, UT 84107

CONTACT NAME: Deila R. Zeeh, CPCU, CIC

PHONE (A/C, No, Ext): (801) 924-1400

FAX (A/C, No): (801) 924-1441

E-MAIL ADDRESS: dzeeh@presidio-group.com

INSURED

Thatcher Company, Inc. etal see named Insureds attached
1905 Fortune Rd.
Salt lake City, UT 84104-3724

INSURER(S) AFFORDING COVERAGE

INSURER A :	NAIC #
AIG Specialty Insur. Co.	26883
INSURER B : New Hampshire Insurance Co.	23841
INSURER C :	
INSURER E :	
INSURER F :	

COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER		EG23060782	04/01/2015	04/01/2016	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 25,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COM/POP AGG \$ 2,000,000
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS		CA3447265	04/01/2015	04/01/2016	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$		EGU23060878	04/01/2015	04/01/2016	EACH OCCURRENCE \$ 6,000,000 AGGREGATE \$ 6,000,000
B	<input type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY <input type="checkbox"/> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory In NH) <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A If yes, describe under DESCRIPTION OF OPERATIONS below		WC39901550	04/01/2015	04/01/2016	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L EACH ACCIDENT \$ 1,000,000 E.L DISEASE - EA EMPLOYEE \$ 1,000,000 E.L DISEASE - POLICY LIMIT \$ 1,000,000
A	GL/Pollution		EG23060782	04/01/2015	04/01/2016	Pollution
A	GL/Pollution		EG23060782	04/01/2015	04/01/2016	Deductible 50,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Verification of Insurance- subject to term and conditions of the policy.

CERTIFICATE HOLDER

To Whom It May Concern

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Zeeh

Request for Taxpayer Identification Number and Certification

Give Form to the requester. Do not send to the IRS.

Print or type See Specific Instructions on page 2.

Name (as shown on your income tax return)
Thatcher Chemical of Florida, Inc.

Business name/disregarded entity name, if different from above

Check appropriate box for federal tax classification:
 Individual/sole proprietor C Corporation S Corporation Partnership Trust/estate
 Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ Exempt payee
 Other (see Instructions) ▶

Address (number, street, and apt. or suite no.)
245 Hazen Road

City, state, and ZIP code
Deland, Florida 32720-3967

List account number(s) here (optional)

Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on the "Name" line to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Social security number								
			-					

Employer identification number									
2	6	-	1	3	7	5	3	4	9

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
- I am a U.S. citizen or other U.S. person (defined below).

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 4.

Sign Here Signature of U.S. person ▶ *J. H. Smith*

Date ▶ July 28, 2015

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.



Printing date 20.03.2013

Revision: 20.03.2013

1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name:** Sodium Hexametaphosphate
- **CAS Number:**
10124-56-8
68915-31-1
- **EC number:**
272-808-3
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation**
Water processing, Washing agent and detergent, Textile and leather agent, Ceramic, Enamel, Colors, Food additive.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Aditya Birla Chemicals (Thailand) Ltd.
77 Moo 6 Soi Sukhaphiban 1, Poochao Saming Prai Road, Samrong, Phrapradaeng, Samutprakarn 10130
Thailand
Telephone: +66 (0) 27042100
Fax : +66 (0) 2398 0774
Website: www.adityabirlachemicals.com
- **Further information obtainable from:**
Customer Service Department - Aditya Birla Chemicals (Thailand) Ltd. (Phosphates Division)
Contact: Dhruvika Parmar
e-mail: dhruvika.parmar@adityabirla.com
- **Emergency telephone number:**
During normal opening times: +66-2-7042100
Fax (Factory): +66-36-240200

2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The substance is not classified according to the CLP regulation.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.
- **Information concerning particular hazards for human and environment:** Not applicable.
- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

EU
(Contd. on page 2)

Printing date 20.03.2013

Revision: 20.03.2013

Trade name: Sodium Hexametaphosphate

· **Conditions for safe storage, including any incompatibilities**
Storage:

(Contd. of page 2)

- **Requirements to be met by storerooms and receptacles:** Store in cool, dry conditions and well ventilated area.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and food.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
- **Respiratory protection:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- **Protection of hands:**



Protective gloves

- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
- **Form:** Not determined.
- **Colour:** Not determined.
- **Odour:** Characteristic

(Contd. on page 4)



Printing date 20.03.2013

Revision: 20.03.2013

Trade name: Sodium Hexametaphosphate

(Contd. of page 4)

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values relevant for classification:**
 - Rabbit dermal LD50 [mg/kg] : >7940
 - Rat inhalation LC50 [mg/kg] : No data available.
 - Rat oral LD50 [mg/kg] : > 3050
- **Primary irritant effect:**
 - **on the skin:** No irritant effect
 - **on the eye:** Slightly Irritating effect.
- **Sensitization:** No sensitizing effects known.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|-------------------------------------|------|
| · UN-Number | |
| · ADR, ADN, IMDG, IATA | Void |
| · UN proper shipping name | |
| · ADR, ADN, IMDG, IATA | Void |
| · Transport hazard class(es) | |
| · ADR, ADN, IMDG, IATA | |
| · Class | Void |
| · Packing group | |
| · ADR, IMDG, IATA | Void |

(Contd. on page 6)

EU

SAFETY DATA SHEET

1. Identification

Product Identifier Ferric Sulfate 13% Iron WTG

Other means of identification

Product Number 0601378

Recommended use

This safety data sheet is written to provide health, safety and environmental information for people handling this formulated product in the workplace. It is not intended to provide information relevant to medicinal use of the product. In this instance patients should consult prescribing information/package insert/product label or consult their pharmacist or physician. For health and safety information for individual ingredients used during manufacturing, refer to the appropriate safety data sheet for each ingredient.

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor Information

Manufacturer

Company name Thatcher Chemical of Florida, Inc.

Address 245 Hazen Road
DeLand, FL 32720
United States

Telephone (386) 490-1638

E-mail Not available.

Emergency phone number Not available.

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards Skin corrosion/irritation Category 1

Serious eye damage/eye irritation Category 1

Carcinogenicity Category 1A

Environmental hazards Not classified.

OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement Causes severe skin burns and eye damage. Causes serious eye damage. Harmful if inhaled. May cause cancer.

Precautionary statement

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapors Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

Response If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Wash contaminated clothing before reuse.

Storage Store in a well-ventilated place. Keep cool. Store locked up.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC) Breathing dust, powder, mist or vapor from this product could result in irritation of the eyes and respiratory tract and in permanent lung damage.

Supplemental information None.

Methods and materials for containment and cleaning up

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental precautions

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground. Retain and dispose of contaminated wash water. Keep away from living quarters.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Provide adequate ventilation. Do not breathe mist or vapor. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store locked up. Store in original tightly closed container. Keep tightly closed in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Sulfuric acid	PEL	1 mg/m ³

US. ACGIH Threshold Limit Values

Material	Type	Value
Ferric Sulfate 13% Iron WTG	TWA	1 mg/m ³

Components	Type	Value	Form
ferric sulfate (CAS 10028-22-5)	TWA	1 mg/m ³	
Sulfuric acid	TWA	0.2 mg/m ³	Thoracic fraction.

US. NIOSH: Pocket Guide to Chemical Hazards

Material	Type	Value
Ferric Sulfate 13% Iron WTG	TWA	1 mg/m ³

Components	Type	Value
ferric sulfate (CAS 10028-22-5)	TWA	1 mg/m ³
Sulfuric acid	TWA	1 mg/m ³

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Provide adequate ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye/face protection. Chemical respirator with organic vapor cartridge and full facepiece. Do not wear contact lenses. If splashes are likely to occur, wear goggles and/or face shield, giving complete protection to eyes.

Skin protection

Hand protection

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

Other

Avoid contact with the skin. Wear appropriate chemical resistant clothing. Wear eye/face protection. Use of an impervious apron is recommended. Wear protective gloves. Do not swallow this material - it is known to be toxic.

Respiratory protection

Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Chemical respirator with organic vapor cartridge and full facepiece.

Conditions to avoid
 Incompatible materials
 Hazardous decomposition
 products

Contact with incompatible materials. None under normal conditions.
 Bases, alkalis (organic).
 Sulfuric acid.

11. Toxicological information

Information on likely routes of exposure

Inhalation May cause irritation to the respiratory system. Prolonged inhalation may be harmful.

Skin contact Causes severe skin burns.

Eye contact Avoid contact with eyes. Causes serious eye damage.

Ingestion Causes digestive tract burns. Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics Abdominal pain. Burning pain and severe corrosive skin damage. Nausea, vomiting. Diarrhea. Causes serious eye damage. Irritating to eyes and respiratory system. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Information on toxicological effects

Acute toxicity Toxic if swallowed. Causes burns.

Components

Species	Test Results
Sulfuric acid	
Acute	
Inhalation	
LC50	Guinea pig Rat 0.018 mg/l, 8 Hours
Oral	
LD50	Rat 347 mg/l, 1 Hours 2140 mg/kg

None known. * Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation Corrosive to skin and eyes. Causes severe skin burns and eye damage.

Serious eye damage/eye irritation Causes serious eye damage.

Respiratory or skin sensitization Not established.

Respiratory sensitization Not established.

Skin sensitization Causes skin burns.

Germ cell mutagenicity None known.

Carcinogenicity May cause cancer.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity Not classified.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard May be harmful if swallowed and enters airways.

Chronic effects Prolonged inhalation may be harmful.

Further information Toxic if swallowed.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Subsidiary risk -
 Packing group III
 Environmental hazards No.
 ERG Code 8L
 Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Other information
 Passenger and cargo aircraft Allowed.
 Cargo aircraft only Allowed.

IMDG

UN number UN1760
 UN proper shipping name CORROSIVE LIQUID, N.O.S.
 Transport hazard class(es)
 Class 8
 Subsidiary risk -
 Packing group III
 Environmental hazards
 Marine pollutant No.
 EmS F-A, S-B
 Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not established.

DOT; DOT Bulk packaging type



IATA; IMDG



15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
 Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)
 ferric sulfate (CAS 10028-22-5) Listed.

SARA 304 Emergency release notification
 Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
 Not listed.

Country(s) or region	Inventory name	On inventory (yes/no)*
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 07-27-2015
 Version # 01
 NFPA ratings Health: 3
 Flammability: 0
 Instability: 0

NFPA ratings



Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Revision Information

This document has undergone significant changes and should be reviewed in its entirety.

THATCHER CHEMICAL OF FLORIDA, INC.

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July 2015

**MAILING ADDRESS NOTICE
FOR
BIDS, REQUEST FOR QUOTATIONS,
CONTRACTS / AGREEMENTS, INSURANCE REQUESTS**

Contracts/agreements to:

Craig N. Thatcher, President
Thatcher Chemical of Florida, Inc.
P. O. Box 27407
Salt Lake City, UT 84127-0407
Or e-mail:

craig.thatcher@tchem.com and wendy.richmond@tchem.com

Requests for bids, quotations, certificate of insurance requests to:

Wendy Richmond
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Salt Lake City, UT 84127-0407
Or e-mail: wendy.richmond@tchem.com

Payments:

Thatcher Chemical of Florida, Inc.
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Salt Lake City, UT 84127-0407

Purchase orders and orders to:

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Deland, FL 32720-3967
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Bid tabulation:

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