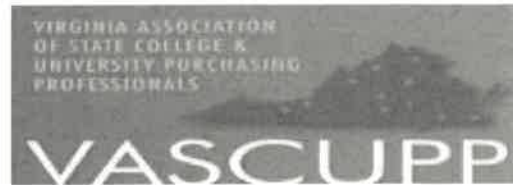




Purchasing Department  
4400 University Drive, Mailstop 3C5  
Fairfax, VA 22030  
Voice: 703.993.2580 | Fax: 703.993.2589  
<http://fiscal.gmu.edu/purchasing/>



**INVITATION FOR BID  
GMU-1681-21**

**ISSUE DATE:** September 22, 2020

**TITLE:** Aquatic Pool Chemicals FFX/PW

**PRIMARY PROCUREMENT OFFICER:** Chi Nguyen, Senior Buyer, [cnguyenn@gmu.edu](mailto:cnguyenn@gmu.edu)  
**SECONDARY PROCUREMENT OFFICER:** Katherine Sirotin, Assistant Director, [ksirotin@gmu.edu](mailto:ksirotin@gmu.edu)

**SEALED BID DUE DATE AND TIME:** November 18, 2020 @ 2:00PM. See Section XI herein for submission details.

**QUESTIONS/INQUIRIES:** E-mail all questions/inquiries for information to both procurement officers listed above no later than 4:00 PM EST on October 19, 2020. Responses to all questions will be posted on Mason's Purchasing website by 5:00 PM EST on October 22, 2020.

**PLEASE NOTE:**

**Public Bid Opening:** Due to the Coronavirus/COVID-19 outbreak a public bid opening will not be held. The Primary Purchasing Officer will receive all bids electronically and will tabulate the bid prices in a Bid Tab. The Bid Tab will then be reviewed by another Purchasing Officer and the Bid Tab will be posted on GMU's Fiscal Website under Current/Open Solicitations. At this time, and until further notice, Mason will be accepting electronic proposal submissions for all current Request For Proposals and Invitation For Bids.

In Compliance With This Invitation For Bid And To All The Conditions Imposed Herein, The Undersigned Offers And Agrees To Furnish The Services At The Price Indicated In SECTION IX, PRICING SCHEDULE.

Name and Address of Firm:

Legal Name: **Berry and Company of Virginia LLC**

Date: **11/17/2020**

DBA: **Harper and Company**


Address: **545 Edwards Court**

Newport News Va 23608

FEL/FIN No. **54-1830822**

Fax No. **757-873-1384**

Email: **dberry@harperandcompany.com**

By:   
Signature

Name: **Dan Berry**

Title: **Owner**

Telephone No. **757-873-1102**

SWaM Certified: Yes: \_\_\_\_\_ No: ☒ (See Section V. SWaM CERTIFICATION for complete details).

SWaM Certification Number: \_\_\_\_\_

This public body does not discriminate against faith-based organizations in accordance with the *Governing Rules*, § 36 or against a Bidder/Offeror because of race, religion, color, sex, national origin, age, disability, or any other prohibited by state law relating to discrimination in employment.

**TABLE OF CONTENTS**  
**GMU-1681-21**

<b>SECTION</b>	<b>DESCRIPTION</b>	<b>PAGE</b>
<b>I.</b>	PURPOSE	3
<b>II.</b>	PURCHASING MANUAL/GOVERNING RULES	3
<b>III.</b>	COMMUNICATION	3
<b>IV.</b>	FINAL CONTRACT	3
<b>V.</b>	eVA VENDOR REGISTRATION	3
<b>VI.</b>	SWaM CERTIFICATION	3
<b>VII.</b>	SMALL BUSINESS SUBCONTRACTING PLAN	3
<b>VIII.</b>	PERIOD OF CONTRACT	3
<b>IX.</b>	SCOPE OF WORK	3
<b>X.</b>	CONTRACT ADMINSTRATOR	4
<b>XI.</b>	ELECTRONIC SUBMISSION	4
<b>XII.</b>	PRICING SCHEDULE	4
<b>XIII.</b>	TERMS AND CONDITIONS	4
<b>XIV.</b>	METHOD OF PAYMENT	6
<b>ATTACHMENT A</b>	SMALL BUSINESS SUBCONTRACTING PLAN	7
<b>ATTACHMENT B</b>	SAMPLE CONTRACT	9
<b>ATTACHMENT C</b>	PRICING SCHEDULE	16

- I. **PURPOSE:** The purpose of this Invitation for Bid (IFB) is to solicit sealed bids to establish a term contract and pricing schedule with one or more qualified sources, on an “as needed” basis for aquatic pool chemicals and supplies for George Mason University’s (hereinafter called “Mason” or “University”) Aquatic & Fitness Center (Fairfax Campus) and Freedom Aquatic & Fitness Center (Prince William Campus). George Mason University is an Institution of Higher Education in the Commonwealth of Virginia.
- II. **PURCHASING MANUAL/GOVERNING RULES:** This solicitation and any resulting contract shall be subject to the provisions of the Commonwealth of Virginia *Purchasing Manual for Institutions of Higher Education and their Vendor's*, and any revisions thereto, and the *Governing Rules*, which are hereby incorporated into this contract in their entirety. A copy of both documents is available for review at: <https://vascupp.org>
- III. **COMMUNICATION:** Communications regarding this Invitation For Bids shall be formal from the date of issuance until a contract has been awarded. Unless otherwise instructed bidders are to communicate with only the Procurement Officers listed on the cover page. Bidders are not to communicate with any other employees of Mason.
- IV. **FINAL CONTRACT:** For goods or “spot” purchases vendors will be awarded a contract through the issuance of a purchase order. However for term service contracts Mason’s standard two party contract will be required. ATTACHMENT B to this solicitation is Mason’s standard two-party contract. It is the intent of this solicitation to base the final contractual documents off of Mason’s standard two-party contract and Mason’s General Terms and Conditions. Any exceptions to our standard contract and General Terms and Conditions should be denoted in your IFB response. Other documents may be incorporated into the final contract, either by way of attachment or by reference, but in all cases this contract document and Mason’s General Terms and Conditions shall jointly take precedence over all other documents and will govern the terms and conditions of the contract.
- V. **eVA BUSINESS-TO-GOVERNMENT VENDOR REGISTRATION:** The eVA Internet electronic procurement solution, website portal [www.eVA.virginia.gov](http://www.eVA.virginia.gov), streamlines and automates government purchasing activities in the Commonwealth. The eVA portal is the gateway for vendors to conduct business with state agencies and public bodies. All vendors desiring to provide goods and/or services to the Commonwealth shall participate in the eVA Internet procurement solution by completing the free eVA Vendor Registration. All bidders or offerors agree to self-register in eVA and pay the Vendor Transaction Fees prior to being awarded a contract. Registration instructions and transaction fees may be viewed at: <https://eva.virginia.gov/>.
- VI. **SWaM CERTIFICATION:** Vendor agrees to fully support the Commonwealth of Virginia and Mason’s efforts related to SWaM goals. Upon contract execution, eligible vendors (as determined by Mason and the Virginia Department of Small Business and Supplier Diversity) shall submit all required documents necessary to achieve SWaM certification to the Department of Small Business and Supplier Diversity within 90 days. Vendors currently SWaM certified agree to maintain their certification for the duration of the contract and shall submit all required renewal documentation at least 30 days prior to existing SWaM expiration. <https://www.sbsd.virginia.gov/>.
- VII. **SMALL BUSINESS SUBCONTRACTING PLAN:** In accordance with Executive Order 35 it is the goal of the Commonwealth that over 42% of its purchases be made from small businesses. All potential bidders are required to fill out and submit Attachments A to be considered responsive.
- VIII. **PERIOD OF CONTRACT:** Shall be one year from date of award with four (4) successive one-year renewal options.
- IX. **SCOPE OF WORK:** The contractor shall furnish and deliver aquatic pool chemicals and supplies as outlined below and in ATTACHMENT C, price schedule.
- A. Deliveries shall be made to Mason’s Fairfax and Prince William (Science and Technology Campus) Campuses. See link to [Campus Maps](#) for location details.
  - B. Delivery is required within 2-3 business days after receipt of order.
  - C. All pricing shall be firm, fixed, delivered (inside delivery, FOB destination) unit pricing. No other charges shall be allowed.
  - D. Mason requires brand name only where specified. No substitutions will be considered. SEE PRICE SCHEDULE (ATTACHMENT C) FOR LIST OF ITEMS.

E. All quantities listed in ATTACHMENT C, PRICE SCHEDULE, are estimates of annual usage only and shall not be considered a guarantee or purchase. Purchases will be made on “AS NEEDED” Basis.

F. MSDS sheets must be provided for each chemical with each bid. See section VIII, paragraph L for more information.

X. **CONTRACT ADMINISTRATOR:** Anike Oladeji, Coordinator of Aquatics, Mason Recreation and Ashley Henderson, Aquatic Pool Manager, Freedom Aquatic & Fitness Center, or their designee, shall serve as Contract Administrator and shall use all powers under the contract to enforce its faithful performance. The Contract Administrator, or her designee, shall determine the amount, quality, acceptability, and fitness of all aspects of the services and shall decide all other questions in connection with the goods/services described herein. The Contract Administrator, or their designee, shall not have the authority to approve changes in the contract which may alter the concept or which calls for an extension of time or a change in the contract price. Any modifications made must be authorized by Mason’s Purchasing Department as a written addendum to the contract.

XI. **IFB (BID) Response:** In order to be considered, Bidders must submit a complete response to Mason's Purchasing Office prior to the due date and time stated in this IFB.

**ELECTRONIC BID SUBMISSION:** Due to the Coronavirus/COVID-19 outbreak, at this time, and until further notice, Mason will be accepting electronic bid submissions for all current Invitation for Bids and Requests For Proposals.

**The following shall apply:**

- a. You must submit your bid/proposal, and it must be received prior to the submission deadline, at both the primary and secondary procurement officer’s email address as specified in the Bid/IFB.
- b. The subject line of your email submission should read, “**GMU-1681-21**” If you are sending multiple emails, please state so in the subject line with the wording, “This is email # \_ of \_ total”
- c. The bidder must ensure the bids are delivered to the procurement officers’ email inboxes, sufficiently in advance of the bid receipt deadline. **Plan Ahead: It is the bidder’s responsibility to ensure that electronic bid submissions have sufficient time to make its way through any filters or email traffic. Mason recommends you submit your bid the day prior to the due date.**
- d. If your bid contains proprietary information you must submit two bid (pricing may not be held confidential or proprietary); one full bid and one with proprietary information redacted.
- e. Each email may not be larger than 20MB.
- f. All solicitation schedules are subject to change.
- g. Go to Mason’s Purchasing website for all updates and schedule changes.  
<https://fiscal.gmu.edu/purchasing/do-business-with-mason/view-current-solicitation-opportunities/>

XII. **PRICING SCHEDULE:** The contractor shall provide pricing as outlined in ATTACHMENT C.

XIII. **SOLICITATION TERMS AND CONDITIONS:**

A. **GENERAL TERMS AND CONDITIONS – GEORGE MASON UNIVERSITY:** <http://fiscal.gmu.edu/purchasing/do-business-with-mason/view-current-solicitation-opportunities/>

B. **SPECIAL TERMS AND CONDITIONS:**

1. **AWARD:** George Mason University will make an award on the **GRAND TOTAL SUM** basis to the lowest responsive and responsible bidder meeting the requirements of the solicitation. Mason reserves the right to conduct any test it may deem advisable and to make all evaluations. Mason also reserves the right to reject any or all bids, in whole or in part, to waive informalities and to delete items prior to making the award, whenever it is deemed in the sole opinion of the procuring public body to be in its best interest.

2. **ADDITIONAL USERS:** It is the intent of this solicitation and resulting contract to allow for cooperative procurement. Accordingly, any public body, public or private health or educational institutions, or affiliated corporations may access any resulting contract if authorized by the contractor.

Participation in this cooperative procurement is strictly voluntary. If authorized by the Contractor(s), the resultant contract(s) will be extended to the entities indicated above to purchase goods and services in accordance with contract terms. As a separate contractual relationship, the participating entity will place its own orders directly with the Contractor(s) and shall fully and independently administer its use of the contract(s) to include contractual disputes, invoicing and payments without direct administration from the University. No modification of this contract or execution of a separate agreement is required to participate; however, the participating entity and the Contractor may modify the terms and conditions of the contract to accommodate specific governing laws, regulations, policies, and business goals required by the participating entity. Any such modification will apply solely between the participating entity and the contractor.

The University may require the Contractor provide semi-annual usage reports for all entities accessing the contract. The University shall not be held liable for any costs or damages incurred by any other participating entity as a result of any authorization by the Contractor to extend the contract. It is understood and agreed that the University is not responsible for the acts or omissions of any entity and will not be considered in default of the contract no matter the circumstances.

Use of this contract(s) does not preclude any participating entity from using other contracts or competitive processes as needed.

3. **BID ACCEPTANCE PERIOD:** Any bid in response to this solicitation shall be valid for sixty (60) days. At the end of the sixty (60) days the bid may be withdrawn at the written request of the bidder. If the bid is not withdrawn at that time it remains in effect until an award is made or the solicitation is canceled.
4. **BID PRICES:** Bid shall be in the form of a firm unit price for each item during the contract period.
5. **SPECIAL EDUCATIONAL OR PROMOTIONAL DISCOUNTS:** The Contractor shall extend any special educational or promotional sale prices or discounts immediately to Mason. Such notice shall also advise the duration of the specific sale or discount price.

**XIV. METHOD OF PAYMENT: PLEASE NOTE: THE VENDOR MUST REFERENCE THE PURCHASE ORDER NUMBER ON ALL INVOICES SUBMITTED FOR PAYMENT.**

**Option #1- Payment to be mailed in 10 days-**The University will make payment to the vendor under 2%/10 Net 30 payments terms. Invoices should be submitted via email to the designated Accounts Payable email address which is: [AcctPay@gmu.edu](mailto:AcctPay@gmu.edu)

The 10 day payment period begins the first business day after receipt of proper invoice or receipt of goods, whichever occurs last. A paper check will be mailed on or before the 10<sup>th</sup> day.

**Option #2- To be paid in 20 days.** The vendor may opt to be paid through our Virtual Payables credit card program. The vendor shall submit an invoice and will be paid via credit card on the 20<sup>th</sup> day from receipt of a valid invoice. The vendor will incur standard credit card interchange fees through their processor. All invoices should be sent to:

George Mason University  
Accounts Payable Department  
4400 University Drive, Mailstop 3C1  
Fairfax, Va. 22030  
Voice: 703.993.2580 | Fax: 703.993.2589  
e-mail:  
[AcctPay@gmu.edu](mailto:AcctPay@gmu.edu)

**Option#3- Net 30 Payment Terms.** Vendor will enroll in Paymode-X where all payments will be made electronically to the vendor's bank account. For additional information or to sign up for electronic payments, go to <http://www.paymode.com/gmu>. There is no charge to the vendor for enrolling in this service.

**Please circle your payment preference or note it in your bid response.**



**ATTACHMENT A**  
**SMALL BUSINESS SUBCONTRACTING PLAN**  
**TO BE COMPLETED BY OFFEROR**

It is the goal of the Commonwealth that over 42% of its purchases be made from small businesses. All potential bidders are required to include this document with their bid response in order to be considered responsive.

**Small Business:** "Small business (including micro)" means a business which holds a certification as such by the Virginia Department of Small Business and Supplier Diversity (DSBSD) on the due date for bids. This shall also include DSBSD certified women- owned and minority-owned businesses and businesses with DSBSD service disabled veteran owned status when they also hold a DSBSD certification as a small business on the bid due date. Currently, DSBSD offers small business certification and micro business designation to firms that qualify.

Certification applications are available through DSBSD online at [www.SBSD.virginia.gov](http://www.SBSD.virginia.gov) (Customer Service).

**Bidder Name:** Harper and Company

**Preparer Name:** Dan Berry **Date:** 11/16/2020

**Who will be doing the work:** ☐ I plan to use subcontractors ☒ I plan to complete all work

**Instructions**

A. If you are certified by the DSBSD as a micro/small business, complete only Section A of this form.

B. If you are not a DSBSD-certified small business, complete Section B of this form. For the bid to be considered and the bidder to be declared responsive, the bidder shall identify the portions of the contract that will be subcontracted to DSBSD certified small business for the initial contract period in relation to the bidder's total price for the initial contract period in Section B.

**Section A**

If your firm is certified by the DSBSD provide your certification number and the date of certification.

Certification number: \_\_\_\_\_ Certification Date: \_\_\_\_\_

**Section B**

If the "I plan to use subcontractors box is checked," populate the requested information below, per subcontractor to show your firm's plans for utilization of DSBSD-certified small businesses in the performance of this contract for the initial contract period in relation to the bidder's total price for the initial contract period. Certified small businesses include but are not limited to DSBSD-certified women-owned and minority-owned businesses and businesses with DSBSD service disabled veteran-owned status that have also received the DSBSD small business certification. Include plans to utilize small businesses as part of joint ventures, partnerships, subcontractors, suppliers, etc. It is important to note that these proposed participation will be incorporated into the subsequent contract and will be a requirement of the contract. Failure to obtain the proposed participation dollar value or percentages may result in breach of the contract.

**B. Plans for Utilization of DSBSD-Certified Small Businesses for this Procurement**

**Subcontract #1**

Company Name: _____	SBSD Cert #: _____
Contact Name: _____	SBSD Certification: _____
Contact Phone: _____	Contact Email: _____
Value % or \$ (Initial Term): _____	Contact Address: _____
Description of Work: _____	

**Subcontract #2**

Company Name: _____	SBSD Cert #: _____
Contact Name: _____	SBSD Certification: _____
Contact Phone: _____	Contact Email: _____
Value % or \$ (Initial Term): _____	Contact Address: _____
Description of Work: _____	

**Subcontract #3**

Company Name: \_\_\_\_\_ SBSD Cert #: \_\_\_\_\_  
Contact Name: \_\_\_\_\_ SBSD Certification: \_\_\_\_\_  
Contact Phone: \_\_\_\_\_ Contact Email: \_\_\_\_\_  
Value % or \$ (Initial Term): \_\_\_\_\_ Contact Address: \_\_\_\_\_  
Description of Work: \_\_\_\_\_

**Subcontract #4**

Company Name: \_\_\_\_\_ SBSD Cert #: \_\_\_\_\_  
Contact Name: \_\_\_\_\_ SBSD Certification: \_\_\_\_\_  
Contact Phone: \_\_\_\_\_ Contact Email: \_\_\_\_\_  
Value % or \$ (Initial Term): \_\_\_\_\_ Contact Address: \_\_\_\_\_  
Description of Work: \_\_\_\_\_

**Subcontract #5**

Company Name: \_\_\_\_\_ SBSD Cert #: \_\_\_\_\_  
Contact Name: \_\_\_\_\_ SBSD Certification: \_\_\_\_\_  
Contact Phone: \_\_\_\_\_ Contact Email: \_\_\_\_\_  
Value % or \$ (Initial Term): \_\_\_\_\_ Contact Address: \_\_\_\_\_  
Description of Work: \_\_\_\_\_





Purchasing Department  
4400 University Drive, Mailstop 3C5  
Fairfax, Va. 22030

**IFB ADDENDUM NO. 1:**

Date: October 22, 2020  
Reference: IFB #GMU-1681-21  
Title: Pool Chemicals  
IFB Issued: September 22, 2020  
Proposal Due Date: November 18, 2020 @ 2:00 PM EST

Answers to Questions received by October 19, 2020 by 4:00PM EST.

Answers to the following questions will be considered part of the IFB GMU-1681-21. Please incorporate any information provided below in your offer. Failure to consider the information provided below may result in your proposal/response being scored lower:

1. **Question:** Would our bid response be considered, if we were only bid the items that we can supply? **Answer:** Yes, please place your bid. This IFB is for one or more qualified sources and on an as needed.  
"PURPOSE: The purpose of this Invitation for Bid (IFB) is to solicit sealed bids to establish a term contract and pricing schedule with one or more qualified sources, on an "as needed" basis for aquatic pool chemicals and supplies for George Mason University's (hereinafter called "Mason" or "University") Aquatic & Fitness Center (Fairfax Campus) and Freedom Aquatic & Fitness Center (Prince William Campus). George Mason University is an Institution of Higher Education in the Commonwealth of Virginia."
2. **Question:** I have a question regarding line item 3 and 6 for the Fairfax Campus, these items are identical. I am wondering if these are supposed to be like the Prince William Campus where one is Sodium Carbonate and the other Sodium Bicarbonate?  
**Answer:** Line item 3 should be Sodium Carbonate with the quantity being 6. Please see Revised Attachment C-Pricing Schedule.
3. **Question:** Can you tell me which company holds this contract?  
**Answer:** Harper and Company Inc
4. **Question:** Can you provide the bid results for the current contract?  
**Answer:** Please see Attachment D, Standard Contract\_GMU-1282-16\_Harper & Company for the bid results.
5. **Question:**  
Items:  
17 Calcium Hardness (photometer)  
18 Alkalinity (photometer)

19 Total Chlorine - DPD XT (photometer)  
20 Free Chlorine - DPD XF (photometer)  
21 Phenol Red - pH (photometer)

For these items are you looking for a price on replacement tablets with photometer or are you looking for a photometer test kit?

**Answer: From Fairfax Campus:** We do have a testing kit; however, we restock the kit by the bottle. Our current vendor sells each of these reagents individually in a box of about 12 bottles a box.

**Prince William Campus:** We have the photometer so we would only be looking for refill reagents for the Lamotte ColorQ Pro7

**6. Question:** Can you provide me with the prior bid tab please?

**Answer:** Please see Attachment E, Bid Tab\_GMU-1282-16 for prior bid tab.

**Please sign and include this addendum as part of your offer.**

In Compliance With this RFP And To All The Conditions Imposed Therein And Hereby Incorporated By Reference.

Name and Address of Firm:

Harper and Company

Date: November 17, 2020

545 Edwards Court

By: Dan Berry

Newport News Va, 23608

Title: Owner/President

Fed ID No: 54-1830822

Signature: 

Email: dberry@harperandcompany.com

Phone: 757-873-1102

Sincerely,  
Chi Nguyen  
Senior Buyer  
Purchasing Department  
George Mason University

**ATTACHMENT C  
PRICE SCHEDULE  
IFB GMU-1681-21**

**Fairfax Campus**

**ESTIMATED**

	<b>Item Name</b>	<b>UOM</b>	<b>Unit Price</b>		<b>Qty/Year</b>	<b>Total Price</b>
1	Pulsar Plus Calcium Hypochlorite Briquettes (BRAND NAME ONLY)	50 lb bucket	<u>\$ 108.50</u>	x	400	<u>\$ 43,400.00</u>
2	Acid Magic pH Decreaser (BRAND NAME ONLY)	(4 x 1 gal) case	<u>\$ 34.00</u>	x	500	<u>\$ 17,000.00</u>
3	Sodium Carbonate	50 lb bag	<u>\$ 21.80</u>	x	6	<u>\$ 130.80</u>
4	Poly 60 Algaecide	1 quart case	<u>\$ 172.00</u>	x	10	<u>\$ 1,720.00</u>
5	GLB SuperSonic 73% (Calcium Hypochlorite Granular)	25 lbs	<u>\$ 51.50</u>	x	40	<u>\$ 2,060.00</u>
6	Sodium Bicarbonate	50 lb bag	<u>\$ 17.41</u>	x	5	<u>\$ 87.05</u>
7	Sodium Thiosulfate	50 lb bag	<u>\$ 31.00</u>	x	6	<u>\$ 186.00</u>
	Taylor Reagents:					
8	DPD 1 (R-0001-C)	2 oz 60 ml bottle	<u>\$ 4.60</u>	x	52	<u>\$ 239.20</u>
9	DPD 2 (R-0002-C)	2 oz 60 ml bottle	<u>\$ 4.65</u>	x	52	<u>\$ 241.80</u>
	(R-0004-C) pH Indicator Solution (Phenol Red)					
10	(R-0005-C) Acid Demand Reagent	2 oz 60 ml bottle	<u>\$ 3.30</u>	x	52	<u>\$ 171.60</u>
11	(R-0007-C) Thiosulfate N/10	2 oz 60 ml bottle	<u>\$ 3.55</u>	x	14	<u>\$ 49.70</u>
12	(R-0010-C) Calcium Buffer	2 oz 60 ml bottle	<u>\$ 3.18</u>	x	14	<u>\$ 44.52</u>
13	(R0011L-C) Calcium Indicator Liquid	2 oz 60 ml bottle	<u>\$ 3.98</u>	x	14	<u>\$ 55.72</u>
14	(R-0012-C) Hardness Reagent	2 oz 60 ml bottle	<u>\$ 5.89</u>	x	14	<u>\$ 82.46</u>
15	Taylor Comparator	2 oz 60 ml bottle	<u>\$ 3.54</u>	x	40	<u>\$ 141.60</u>
16	Test Block K-9056 DPD 7.0-8.0		<u>\$ 6.48</u>	x	6	<u>\$ 38.88</u>
	Palintest Reagents:					
17	Calcium Hardness (photometer)	50 box	<u>\$ 41.00</u>	x	1	<u>\$ 41.00</u>
18	Alkalinity (photometer)	50 box	<u>\$ 36.00</u>	x	1	<u>\$ 36.00</u>
19	Total Chlorine - DPD XT (photometer)	50 box	<u>\$ 42.00</u>	x	1	<u>\$ 42.00</u>

20	Free Chlorine - DPD XF (photometer)	250 box	<u>\$ 42.00</u>	x	1	<u>\$ 42.00</u>
21	Phenol Red - pH (photometer)	250 box	<u>\$ 60.00</u>	x	1	<u>\$ 60.00</u>
TOTAL FOR ITEMS 1-21						<u>\$ 65,870.33</u>
SHIPPING/FREIGHT						INCLUDED
TOTAL FOR FAIRFAX CAMPUS						<u>\$ 65,870.33</u>

### Prince William Campus

### ESTIMATED

	Item Name	UOM	Unit Price		Qty/Year	Total Price
1	Sodium Hypochlorite (Liquid Chlorine)	250 gal tank	<u>\$ 372.50</u>	*	14	<u>\$ 5,215.00</u>
2	Acid Magic pH Decreaser (BRAND NAME ONLY)	(4x1 gal) case	<u>\$ 34.00</u>	x	200	<u>\$ 6,800.00</u>
3	Muriatic Acid	15 gal container	<u>\$ 35.00</u>	x	20	<u>\$ 700.00</u>
4	Sodium Carbonate	50 lb bag	<u>\$ 21.80</u>	x	8	<u>\$ 174.40</u>
5	Poly 60 Algaecide	1 gallon	<u>\$ 50.00</u>	x	50	<u>\$ 2,500.00</u>
6	Sodium Thiosulfate	50 lb bag	<u>\$ 31.00</u>	x	8	<u>\$ 248.00</u>
7	Soduim Bicarbonate	50 lb bag	<u>\$ 17.41</u>	x	6	<u>\$ 104.46</u>
8	Zappit 73 Dry Chlorine	50 lb bucket	<u>\$ 88.50</u>	x	40	<u>\$ 3,540.00</u>
9	Calcium Flakes	50 lb bag	<u>\$ 15.02</u>	x	5	<u>\$ 75.10</u>
Taylor Reagents: (Number 10 through 24 must be BRAND NAME ONLY)						
10	DPD 1 (R-0001-C)	2 oz 60 ml bottle	<u>\$ 4.60</u>	x	45	<u>\$ 207.00</u>
11	DPD 2 (R-0002-C)	2 oz 60 ml bottle	<u>\$ 4.65</u>	x	45	<u>\$ 209.25</u>
12	DPD 3 (R-0003-C)	2 oz 60 ml bottle	<u>\$ 4.95</u>	x	45	<u>\$ 222.75</u>
13	Indicator Solution (Phenol Red)	2 oz 60 ml bottle	<u>\$ 3.30</u>	x	2	<u>\$ 6.60</u>
14	(R-0005-C) Acid Demand Reagent	2 oz 60 ml bottle	<u>\$ 3.55</u>	x	2	<u>\$ 7.10</u>

15	(R-0006-C) Base Demand Reagent	2 oz 60 ml bottle	<u>\$ 3.85</u>	x	2	<u>\$ 7.70</u>
16	(R-0007-C) Thiosulfate N/10	2 oz 60 ml bottle	<u>\$ 3.18</u>	x	10	<u>\$ 31.80</u>
17	(R-0008-C) Total Alkalinity Indicator	2 oz 60 ml bottle	<u>\$ 3.40</u>	x	2	<u>\$ 6.80</u>
18	(R-0009-C) Sulfuric Acid .12N	2 oz 60 ml bottle	<u>\$ 3.05</u>	x	10	<u>\$ 30.50</u>
19	(R-0010-C) Calcium Buffer	2 oz 60 ml bottle	<u>\$ 3.98</u>	x	10	<u>\$ 39.80</u>
20	(R0011L-C) Calcium Indicator Liquid	2 oz 60 ml bottle	<u>\$ 5.89</u>	x	10	<u>\$ 58.90</u>
21	(R-0012-E) Hardness Reagent	16 oz bottle	<u>\$ 15.98</u>	x	7	<u>\$ 111.86</u>
22	(R-0870-I) DPD Powder	10 grams	<u>\$ 5.50</u>	x	16	<u>\$ 88.00</u>
23	(R-0871-E) FAS-DPD (Chlorine) Titrating Reagent	16 oz bottle	<u>\$ 22.34</u>	x	8	<u>\$ 178.72</u>
24	Taylor Comparator Test Block K-9056 DPD 7.0-8.0		<u>\$ 6.48</u>	x	10	<u>\$ 64.80</u>
25	LaMotte R-2056 Color-Q Pro 7 Reagent Refill Kit (BRAND NAME ONLY)		<u>\$ 64.25</u>	x	6	<u>\$ 385.50</u>

TOTAL FOR ITEMS  
1-25

\$ 21,014.04

SHIPPING/FREIGHT

INCLUDED

TOTAL FOR PW  
CAMPUS

\$ 21,014.04

**GRAND TOTAL FOR FAIRFAX AND PRINCE WILLIAM CAMPUSES**

**\$ 86,884.37**