

<b>NRC FORM 30</b> (6-94) <b>U.S. NUCLEAR REGULATORY COMMISSION</b>		1. DATE OF REQUEST <div style="text-align: center;">02/10/2000 <del>10/22/99</del> NMH</div>			
<b>REQUEST FOR ADMINISTRATIVE SERVICES</b>  FOR HEADQUARTERS: MAIL TO THE APPROPRIATE MAIL STOP ON BACK		2. DATE DUE (if applicable)  3. REQUEST NUMBER (LEAVE BLANK) <div style="text-align: center; font-size: 1.2em;">FFS # 50075011A</div>			
4. TYPE OF SERVICE <table style="width:100%;"> <tr> <td style="width:50%; vertical-align: top;"> <input type="checkbox"/> BUILDING ALTERATIONS AND SERVICES  <input type="checkbox"/> COMPOSITION  <input type="checkbox"/> COPYING  <input type="checkbox"/> EDITING  <input type="checkbox"/> PHOTOGRAPHY/AUDIOVISUAL  <input type="checkbox"/> PRINTING AND DISTRIBUTION           </td> <td style="width:50%; vertical-align: top;"> <input type="checkbox"/> PUBLISHING NUREGs  <input checked="" type="checkbox"/> SMALL PURCHASES, PROPERTY AND LABOR SERVICES  <input type="checkbox"/> SUPPLIES  <input type="checkbox"/> WORD PROCESSING  <input type="checkbox"/> OTHER (Specify)           </td> </tr> </table>		<input type="checkbox"/> BUILDING ALTERATIONS AND SERVICES <input type="checkbox"/> COMPOSITION <input type="checkbox"/> COPYING <input type="checkbox"/> EDITING <input type="checkbox"/> PHOTOGRAPHY/AUDIOVISUAL <input type="checkbox"/> PRINTING AND DISTRIBUTION	<input type="checkbox"/> PUBLISHING NUREGs <input checked="" type="checkbox"/> SMALL PURCHASES, PROPERTY AND LABOR SERVICES <input type="checkbox"/> SUPPLIES <input type="checkbox"/> WORD PROCESSING <input type="checkbox"/> OTHER (Specify)	5. PERSONAL PROPERTY APPROVAL <small>I certify that personal property assets within the Office/Division have been carefully screened for excess, are currently fully utilized, and the additional requested items are absolutely essential to work performance and will be used only for official purposes.</small> 5a. PROPERTY CUSTODIAN -- SIGNATURE <div style="text-align: center;"><i>[Signature]</i></div> 5b. DIVISION DIRECTOR/DESIGNEE -- SIGNATURE <div style="text-align: center;"><i>[Signature]</i> 10/25/99       </div>	
<input type="checkbox"/> BUILDING ALTERATIONS AND SERVICES <input type="checkbox"/> COMPOSITION <input type="checkbox"/> COPYING <input type="checkbox"/> EDITING <input type="checkbox"/> PHOTOGRAPHY/AUDIOVISUAL <input type="checkbox"/> PRINTING AND DISTRIBUTION	<input type="checkbox"/> PUBLISHING NUREGs <input checked="" type="checkbox"/> SMALL PURCHASES, PROPERTY AND LABOR SERVICES <input type="checkbox"/> SUPPLIES <input type="checkbox"/> WORD PROCESSING <input type="checkbox"/> OTHER (Specify)				
7. REQUESTER James Thomas		8. OFFICE NMSS/DWM			
9. TELEPHONE NUMBER 301-415-5168	10. FAX NUMBER 301-415-5168	11. MAIL STOP T7F1	12. E-MAIL I.D.  		
13. SPECIAL INSTRUCTIONS (INCLUDE TITLE, DISTRIBUTION, PRINTING SPECIFICATIONS, INSTRUCTIONS, STOCK NUMBERS, JUSTIFICATION, QUANTITIES, AND UNITS WHEN APPLICABLE.)  Request purchase of VMOD+MT3099+WinPest+VGW software suites described in the attached order form from:  Waterloo Hydrogeologic, Inc. 180 Columbia Street, W - Unit 1104 Waterloo, Ontario, Canada N2L 3L3 (519) 746-1798 FAX: (519) 885-5262  The cost of this purchase would be 2800.75 + 20.00 for shipping + estimated 19.25 to cover any "duty" that may be incurred in this purchase from Canada.					
14. FUNDING INFORMATION					
JOB CODE J5106	B & R NUMBER 05015- <del>202-199</del> 302-110	BOC 3142	FUND SOURCE x0200		
			AMOUNT 2,840.00		
14a. FUNDS CERTIFIED AVAILABLE BY: SIGNATURE -- CERTIFYING OFFICIAL <div style="text-align: center;"><i>[Signature]</i> 3/13/00       </div>					
14b. DATE 11/25/99					
FOR PROCESSING USE ONLY (LEAVE THIS SECTION BLANK)					
15a. REQUIREMENT APPROVED -- SIGNATURE <div style="text-align: center;"><i>[Signature]</i> 2/10/00       </div>		15b. DATE 2/10/00			
16a. REQUISITIONING OFFICER -- SIGNATURE <div style="text-align: center;"><i>[Signature]</i> 270 cc       </div>		16b. DATE 270 cc			
17. OFFICE OF ADMINISTRATION PROCESSING					
ACTION A. POSTED B. FILL	SIGNATURE C. DELIVERED D. COMPLETED	DATE 270 cc	DATE 270 cc		
The material received in the quantity		18a. SIGNATURE -- RECIPIENT <div style="text-align: center;"><i>[Signature]</i> 12 130 6681       </div>			
and quality		18b. DATE			

## Sole Source Justification for Purchase of Hydrology Codes from Waterloo Hydrogeologic

DWM staff require up-to-date hydrology codes that will run on the NT platform to perform analyses required in various licensing actions. The packages being offered by Waterloo Hydrogeologic are based on the Visual Modflow and MT3D codes which are widely accepted in hydrology modeling. These basic codes are in the public domain, but lack a usable graphical user interface (GUI) to make them usable on the NT platform. The programming additions from Waterloo Hydrogeologic provide this interface - allowing these codes which were traditionally used on Unix based systems to be used on NT. Consequently, the Waterloo Hydrogeologic package of codes is the logic suite for use in DWM modeling.

Waterloo Hydrogeologic develops and markets its own products. Consequently, there are no alternative sources for the product from which a competitive price could be obtained at this time. Waterloo Hydrogeologic did provide us with a Government rate discount which reduces the price substantially below the normal retail price.

**From:** Yvette Brown  
**To:** James Thomas  
**Date:** Wed, Mar 15, 2000 10:15 AM  
**Subject:** Re: Requisition 50075011A

This is good enough for me. I will submit the order for approval from my contracting officer.

>>> James Thomas 03/15 9:07 AM >>>

Yvette,

SS  
info

In all honesty, I did that search, or it was done for me, long before this procurement request. The technical staffers in DWM had requested that I purchase various Hydrology packages from Waterloo in 1999. So in 1999, I purchased Visual Help, Aquifer Test and AquaChem on one Bankcard purchase and later purchased Site GIS and MapInfo on another. It was at this point in time that I got a request for a Windows version of ModFlow. There are other companies that have these products. However, if I went with these products they would not have the suite compatibility with the Waterloo products we already had in use. I could have purchased the four items we have requested individually on Bankcard. However, it is my understanding that I am not supposed to break up the products into individual purchases to stay within bankcard limits if our intention is to make a purchase which would exceed \$2500. 3/21/00

So the bottom line here is that other software vendors were considered by our technical staff prior to our 1999 Bankcard purchases. Other vendors were not considered on this purchase because of the need to maintain compatibility with existing Waterloo products and because Waterloo is currently the sole source for Waterloo products.

If this presents a problem in the procurement, please advise. My guess is that I may be granted permission to make multiple purchases on bankcard to get these products if I can demonstrate that a contracting problem exists using normal procurement vehicles for items over \$2500.

>>> Yvette Brown 03/15 8:25 AM >>>

Thanks for the information, the rates quoted below are the same rates I received. However, I need to know what other Contractors/Vendors did you do you research against to come up with Waterloo and what were their prices? I need some type of comparison since Waterloo is not the only contractor/vendor with MODFLOW codes?

>>> James Thomas 03/14 4:56 PM >>>

Yvette,

My original price quote was from a conversation in October 1999. At that time, two of the four products we wanted to purchase were being offered at intro special prices. The most recent quotes were from Sonia Portillo. These were by e-mail and I have included the text below:

Dear Mr. Thomas,

The price that is currently listed on our web page for Visual Groundwater is the monthly special that Waterloo Hydrogeologic offers every month.

Unfortunately, we do not offer any discounts on top of already discounted software, which includes Monthly Specials and Package Deals. Also please note that last year WinPEST was \$200.00 dollars, introductory special, now WinPEST is \$400.00. As an option you can order Visual MODFLOW, Visual Groundwater and MT3D 99 for \$2881.50 + shipping and we can invoice your company for WinPEST. If you received a price quote from Waterloo Hydrogeologic, Inc. please let me know the name of the person who sent you the quote and the quote number.

Visual Groundwater Reg. Price \$1695.00 - \$254.25 (15%) = \$1440.75

Visual MODFLOW Reg. Price \$995.00 - \$149.25 (15%) = \$845.75

## QUOTATION FOR SIMPLIFIED ACQUISITIONS

REQUISITION NUMBER

50075011A

PURCHASE ORDER NUMBER

VISA

QUOTE TYPE

WRITTEN ☒ ORAL

DATE QUOTE POSTED (PCN 87-01)

DATE QUOTE REQUESTED

## 1. SYNOPSIS IN COMMERCE BUSINESS DAILY (CBD)

OTHER THAN FULL AND OPEN COMPETITION \$100,000  
AND ABOVE APPROVED BY COMPETITION ADVOCATENO REASONABLE EXPECTATION OF RECEIVING AT  
LEAST TWO RESPONSIBLE AND RESPONSIBLE OFFERS

NOT REQUIRED

2. APPROVAL OTHER THAN FULL AND  
OPEN COMPETITION☒ Over \$2,500 by Branch Chief\$100,000 AND ABOVE BY  
COMPETITION ADVOCATE

NOT REQUIRED

## 3. AVAILABILITY

AGENCY INVENTORIES

EXCESS-OTHER AGENCIES

FEDERAL PRISON IND

BLIND/HANDICAPPED

GSA

FSS  
Groups Checked

Expiration Date

MANDATORY  
NON-MANDATORY

OPEN MARKET

BLANKET PURCHASE  
AGREEMENT (BPA)

## 4. JUSTIFICATION FOR OTHER THAN FULL AND OPEN COMPETITION

FAR 13.106

See attached email

## 6. BASIS OF "FAIR AND REASONABLE" PRICE IF ONLY QUOTE RECEIVED

15% discount offered

## 5. JUSTIFICATION FOR OTHER THAN SMALL BUSINESS PURCHASE

## 7. OFFERORS

1 Waterloo Hydrogeologic  
Inc

519-746-1778

ARTICLE(S) OR SERVICE(S)

QUANTITY

UNIT  
OF  
ISSUE

UNIT PRICE

TOTAL

UNIT PRICE

TOTAL

UNIT PRICE

TOTAL

Purchase for software suites

VMCD + MT3D<sup>99</sup> + WINFEST  
+ VEW

WMCD

1

EA

(995)  
845.75 845.75MT3D<sup>99</sup>

1

EA

(700)  
595 595

WINFEST

1

EA

(40)  
340 340

VEW

1

EA

1440.25 1440.25

SYH

1

EA

30 30  
\$3,451.50

## APPROVAL OF OTHER THAN FULL AND OPEN COMPETITION

TOTAL PRICE

TERMS

DELIVERY F O B

DELIVERY TIME

BUSINESS SIZE/TYPE

OM/CONTRACT NO

Contracting Officer

DATE

See Attached e-mail  
dated 3/15/00

Self

Net 30

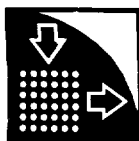
Origin

30 days after

Small

C.W.

# Order Form



**waterloo**  
**hydrogeologic**

SOFTWARE • CONSULTING • TRAINING

Waterloo Hydrogeologic, Inc.  
180 Columbia St. W. - Unit 1104  
Waterloo, Ontario, Canada, N2L 3L3  
Phone: (519) 746-1798  
Fax: (519) 885-5262

Send this form via fax or mail,  
or visit our Web site  
[www.flowpath.com](http://www.flowpath.com)



E-mail [sales@flowpath.com](mailto:sales@flowpath.com)

## License To: (shipping address)

Name: Jim Thomas  
Company: U.S. NRC  
Address: MAIL STOP T7F1  
City: Washington State: DC  
Country: USA Zip: 20555  
Phone: 301-415-5168  
Fax: 301-415-5399  
E-mail: JDT@NRC.GOV

## Bill To: (if different from licensee)

Name: Yvonne Brown - See Below  
Company: US NRC  
Address: 11545 Rockville Pike  
City: Rockville State: MD  
Country: USA Zip: 20852  
Phone: 301 415 6507  
Fax: 301 415 5761  
E-mail: YRB@NRC.GOV

## Software Purchases

Products/Upgrades	Serial Number	Qty.	Unit Price	Total Price
<u>YMOD+MT30<sup>th</sup>+winfat+YGV (Government Rate)</u>	<u>.</u>	<u>1</u>	<u>2800.75</u>	<u>2800.75</u>
<u>See Attached P.O.</u>	<u>.</u>			
	<u>.</u>			
	<u>.</u>			
	<u>.</u>			

(Serial Number required with all upgrades)

**Shipping** \$ 20  
**(US\$) GRAND TOTAL** \$ 2820.75

## Shipping Method (please indicate)

## Per Unit

<input checked="" type="checkbox"/> UPS Ground, (4-8 Business Days Delivery) - Canada/US only	US\$20 (add US\$10 for each additional unit)
<input type="checkbox"/> Federal Express, (2-Day) - US only	US\$35 (add US\$15 for each additional unit)
<input type="checkbox"/> Federal; Express, (Overnight) - Canada/US only	US\$45 (add US\$20 for each additional unit)
<input type="checkbox"/> overseas Federal Express ( International orders only)	US\$90 (add US\$50 for each additional unit)

## Payment Options (please check appropriate payment option)

### ☒ CREDIT CARD

☒ VISA..... Card# 4486-7030 - 0000 - 2521 Expiration Date: 1/31/01  
☐ MASTERCARD..... Card# \_\_\_\_\_ Expiration Date: \_\_\_\_\_  
☐ AMERICAN EXPRESS..... Card# \_\_\_\_\_ Expiration Date: \_\_\_\_\_

### ☐ BANK TRANSFER

Transfer to:  
Royal Bank of Canada, 32 Duke St. W.,  
Kitchener, Ontario, Canada, N2H 6L7, Bank # 003,  
Branch # 02482, Account # 400204-4 (US funds)

### Important!

When completing a bank transfer, please include  
your contact & company information.

### ☐ PURCHASE ORDERS (please allow 2-days for processing PO's)

I understand that I may be personally responsible for payment  
of this order. I also understand that single license programs can only  
be installed in one computer at a time within the same office location.

P.O. #: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

### ☐ CHECK OR MONEY ORDER (enclosed)

TO BE FILLED IN BY DATA ENTRY:

Requisition Number: 50075011A Region/Office NMSS

Requestor: Thomas g

Date Initiated: 2/10/00

Date Received: 2/10/00

Date Assigned: 2/11/00

Agent: Brown

Amount of funds certified: 7840.00

Complexity (Please circle one) (1) 2 3

Buy Type -- Please check one:

- ☐ Services/Technical Assistance (with Statement of Work)  
☐ Services/IT  
☐ Services/Other  
☒ Supply/IT  
☐ Supply/Other

Description: Purchase VMOD+MT 3099 + Win/est + VIGW software suites

TO BE FILLED IN BY PROCUREMENT SPECIALIST/AGENT:

Date Quotes Requested 3/2/00

Number Quotes Requested: \_\_\_\_\_

Date Awarded 3/20/00

Date Canceled: 1/1/00

O or BPA Number: DR-00-0122 Mod Number: \_\_\_\_\_

Award Amount \$ 3,251.50 SIC \_\_\_\_\_

Vendor Name: Waterloo Hydrogeologic Inc.

Vendor Telephone Number: ( ) 519-746-1798

3/27/00

Solicitation Procedures -- Please check one:

- ☒ Multiple Award Schedule  
☒ Noncompetitive  
☐ Competitive  
☐ Federal Supply Service  
☐ GWAC

Type of Contractor -- Please check one:

- ☐ Large Business  
☐ Other Nonprofit Organization  
☒ Other Small Business  
☐ Small Disadvantaged Business  
☐ Javits Wagner O'Day nonprofit agency  
☐ Government

☒ Bankcard Used - Check if applicable

Reason for not using Bankcard - check one if applicable

- ☐ Over 30 day delivery  
☐ Vendor does not accept VISA  
☐ SOW or evaluation criteria required  
☐ Yearly order with monthly payments  
☐ Over single purchase limit  
☐ Other \_\_\_\_\_

Kind of Contract Action - Please check one:

- ☐ BPA calls  
☐ Mod to PO  
☐ Order under multiple award schedule contract  
☐ Order/mod under federal schedule  
☐ New PO  
☐ Order under another Federal Agency's contract

Preference Program - Please check all that apply:

- ☐ Woman-Owned  
☐ 8(a) Contractor  
☐ Directed to JWOD Nonprofit Agency  
☐ Small Business Set-Aside  
☐ Small Disadvantaged Business Set-Aside

Other Reporting - Please check all that apply:

- ☐ IRS Reporting (Indiv/Partner)  
☐ Tariff or Regulated  
☐ Advisory Services  
☐ Security Classification  
☐ Government Owned Property (Must be completed if purchased property/equipment is "sensitive" or value at \$300 or more)

PHN 3/27/00