

AMENDMENT #2
BPA B3-1129-NTLX

AMENDMENT #2
BLANKET PURCHASE AGREEMENT
Category 2 - Emergency Response Hazmat

BPA No. B3-1129-NTSX

Effective Date: Date of CO Signature

PURCHASE OFFICE

U.S. Environmental Protection Agency
Superfund/RCRA Regional Procurement Operations Division
Ariel Rios Building
1200 Pennsylvania Avenue, NW (3805R)
Washington, DC 20460
ATTN: Tanya A. Hoston, Contracting Officer

CONTRACTOR

Zellweger Analytics
405 Barclay Boulevard
Lincolnshire, IL 60069
Attn: David Trautwein

Description of Amendment:

The purpose of this amendment is to revise Section 11 - Applicable Clauses to incorporate ordering clauses and provisions into the BPA, to revise Section 12 - Incorporated Documents to incorporate an updated “Authorized Personnel Listing,” and to obtain certification of compliance with the VETS 100 reporting requirement.

In order to comply with VETS 100 reporting, complete Clause 99-1 (Section 11 below) certifying compliance with requirement. This provision applies to contracts/purchase orders at \$25,000 or over.

11. Applicable Clauses:

The following clauses and provisions are incorporated by reference into the BPA:

52.212-1, Instructions to Offerors - Commercial Items (OCT 00)

52.212-3, Offeror Representations and Certifications - Commercial Items (JUL 00)

52.212-4, Contract Terms and Conditions - Commercial Items (FEB 02)

52.212-5, Contract Terms and Conditions Required to Implement Statutes or Executive Orders - Commercial Items (MAY 02)

52.213-3, Notice to Suppliers (APR 84)

52.213-1, Fast Payment Procedure (FEB 98)

Go to the following URL address <http://www.arnet.gov> to view the full text of the incorporated-by-reference FAR clauses.

FAR Governs Vendor Specific Contracts; Disputes (JUL 2003)

In the case of conflict between the terms and conditions of the vendor's agreement and the terms and conditions of the Purchase Order and all applicable federal procurement status and regulations, the terms and conditions of the purchase order and all applicable federal procurement statutes and regulations will govern.

For PO and Payment Information

For payment information, contact the Finance Office on (202) 565-2550. For purchase order information, contact the "Buyer" indicated in block 10 of the Purchase Order.

Invoices

Invoices shall be prepared in original and at least one copy, containing the following information: Purchase Order Number, description of commodities/services furnished, period of performance, taxpayer ID number and amount due. Invoices shall be submitted to the address specified in block 21 of the order. For status of Invoice Payments, call the Finance Office's Customer Service at (202) 565-2550.

Payment - Monthly Invoicing for Services

Monthly payments will be authorized by tasks completed, receipt of an invoice, and approval by the Project Officer.

Project Officer

The project Officer defined in block 6 of the purchase order is hereby designated as the project officer for the requirement. As such, he/she shall:

1. Provide all information of a general nature necessary in the performance of this order.
2. Be responsible for inspection and acceptance of the services for the certification of invoices.

The PROJECT OFFICER DOES NOT have the authority to issue any technical direction which changes or modifies the scope of work, or alter the period of performance.

Tax

The Federal Government is exempted from paying taxes. The tax exempt number is 52-085-2695.

Year 2000 Compliance

Any product offered or electronic and authorization system delivered under this BPA is warranted to be Year 2000 compliant. Year 2000 Compliant means accurately processing date/time data (including, but not limited to, calculating, comparing, and sequencing) from, into, and between the twentieth and twenty-first centuries, and the years 1999 and 2000 and leap year calculations, when used in accordance with the product documentation provided by the contractor, provided that all products properly used in combination with the contractor's product properly exchange date data within it.

99-1 Compliance with Veterans Employment Reporting Requirements (OCT 98)

(a) The Offeror represents that, if it is subject to the reporting requirements of 38 U.S.C. 4212(d) (i.e. the VETS-100 report required by the Federal Acquisition Regulation clause 52.222-37, Employment Reports on Disabled Veterans and Veterans of the Vietnam Era), it has [], has not [] submitted the most recent report required by 38 U.S.C. 4212(d).

(b) An Offeror who checks "has not" may not be awarded a contract until the required reports are filed. (31 U.S.C. 1354)

1552.211.79 COMPLIANCE WITH EPA POLICIES FOR INFORMATION RESOURCE MANAGEMENT (OCT 00)

(a) Definition. Information Resources Management (IRM) is defined as any planning, budgeting, organizing, directing, training, promoting, controlling, and managing activities associated with the burden, collection, creation, use and dissemination of information. IRM includes both information itself, and the management of information and related resources such as personnel, equipment, funds, and technology. Examples of these services include but are not limited to the following:

(1) The acquisition, creation, or modification of a computer program or automated data base for delivery to EPA or use by EPA or contractors operating EPA programs.

(2) The analysis of requirements for, study of the feasibility of, evaluation of alternatives for, or design and development of a computer program or automated data base for use by EPA or contractors operating EPA programs.

(3) Services that provide EPA personnel access to or use of computer or word processing equipment, software, or related services.

(4) Services that provide EPA personnel access to or use of: Data communications; electronic messaging services or capabilities; electronic bulletin boards, or other forms of electronic information dissemination; electronic record-keeping; or any other automated information services.

(b) *General.* The Contractor shall perform any IRM related work under this contract in accordance with the IRM policies, standards and procedures set forth in this clause and noted below. Upon receipt of a work request (i.e. delivery order or work assignment), the Contractor shall check this listing of directives (see paragraph (d) for electronic access). The applicable directives for performance of the work request are those in effect on the date of issuance of the work request.

(1) IRM Policies, Standards and Procedures. The 2100 Series (2100-2199) of the Agency's Directive System contains the majority of the Agency's IRM policies, standards and procedures.

(2) Groundwater Program IRM Requirement. A contractor performing any work related to collecting Groundwater data; or developing or enhancing data bases containing Groundwater quality data shall comply with *EPA Order 7500.1A - Minimum Set of Data Elements for Groundwater.*

(3) EPA Computing and Telecommunications Services. *The Enterprise Technology Services Division (ETSD) Operational Directives Manual* contains procedural information about the operation of the Agency's computing and telecommunications services. Contractors performing work for the Agency's National Computer Center or those who are developing systems which will be operating on the Agency's national platforms must comply with procedures established in the Manual. (This document may be found at: <http://basin.rtpnc.epa.gov:9876/etsd/directives.nsf>.)

(c) *Printed Documents.* Documents listed in (b)(1) and (b)(2) may be obtained from:

U.S. Environmental Protection Agency

Office of Administration
Facilities Management and Services Division
Distribution Section
Mail Code: 3204
Ariel Rios Building
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460
Phone: (202) 260-5797

(d) *Electronic Access*. Electronic access. A complete listing, including full text, of documents included in the 2100 Series of the Agency's Directive System is maintained on the EPA Public Access Server on the Internet at <http://epa.gov/docs/irmpoli8/>.

52.204-3 TAXPAYER IDENTIFICATION (OCT 98)

(a) *Definitions*.

“Common parent,” as used in this provision, means that corporate entity that owns or controls an affiliated group of corporations that files its Federal income tax returns on a consolidated basis, and of which the offeror is a member.

“Taxpayer Identification Number (TIN),” as used in this provision, means the number required by the Internal Revenue Service (IRS) to be used by the offeror in reporting income tax and other returns. The TIN may be either a Social Security Number or an Employer Identification Number.

(b) All offerors must submit the information required in paragraphs (d) through (f) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M, and implementing regulations issued by the IRS. If the resulting contract is subject to the payment reporting requirements described in Federal Acquisition Regulation (FAR) 4.904, the failure or refusal by the offeror to furnish the information may result in a 31 percent reduction of payments otherwise due under the contract.

(c) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 U.S.C. 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

(d) *Taxpayer Identification Number (TIN)*.

TIN: _____

TIN has been applied for.

TIN is not required because:

Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the United States and does not have an office or place of business or a fiscal paying agent in the United States;

Offeror is an agency or instrumentality of a foreign government;

Offeror is an agency or instrumentality of the Federal Government.

(e) Type of organization.

Sole proprietorship;

Partnership;

Corporate entity (not tax-exempt);

Corporate entity (tax-exempt);

Government entity (Federal, State, or local);

Foreign government;

International organization per 26 CFR 1.6049-4;

Other _____.

(f) Common parent.

Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this provision.

Name and TIN of common parent:

Name _____

TIN _____

52.212-5 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUS (MAY 99)

(a) The Contractor shall comply with the following FAR clauses, which are incorporated in this contract by reference, to implement provisions of law or executive orders applicable to acquisitions of commercial items:

(1) 52.222-3, Convict Labor (E.O. 11755).

(2) 52.233-3, Protest after Award (31 U.S.C. 3553).

(b) The Contractor agrees to comply with the FAR clauses in this paragraph (b) which the contracting officer has indicated as being incorporated in this contract by reference to implement provisions of law or executive orders applicable to acquisitions of commercial items or components:

(Contracting Officer shall check as appropriate.)

____ (1) 52.203-6, Restrictions on Subcontractor Sales to the Government, with Alternate I (41 U.S.C. 253g and 10 U.S.C. 2402).

____ (2) 52.219-3, Notice of Total HUBZone Small Business Set-Aside (Jan 1999).

____ (3) 52.219-4, Notice of Price Evaluation Preference for HUBZone Small Business Concerns (Jan 1999) (if the offeror elects to waive the preference, it shall so indicate in its offer).

____ (4)(i) 52.219-5, Very Small Business Set-Aside (Pub. L. 103-403, section 304, Small Business Reauthorization and Amendments Act of 1994).

____ (ii) Alternate I to 52.219-5

____ (iii) Alternate II to 52.219-5.

(5) 52.219-8, Utilization of Small Business Concerns (15 U.S.C. 637(d)(2) and (3));

- ____(6) 52.219-9, Small Business Subcontracting Plan (15 U.S.C. 637(d)(4));
- ____(7) 52.219-14, Limitations on Subcontracting (15 U.S.C. 637(a)(14)).
- ____(8)(i) 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323) (if the offeror elects to waive the adjustment, it shall so indicate in its offer).
- ____ (ii) Alternate I if 52.219-23.
- ____(9) 52.219-25, Small Disadvantaged Business Participation Program-- Disadvantaged Status and Reporting (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).
- ____(10) 52.219-26, Small Disadvantaged Business Participation Program-- Incentive Subcontracting (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).
- ____(11) 52.222-21, Prohibition of Segregated Facilities (Feb 1999).
- __X__(12) 52.222-26, Equal Opportunity (E.O. 11246).
- ____(13) 52.222-35, Affirmative Action for Disabled Veterans and Veterans of the Vietnam Era (38 U.S.C. 4212).
- ____(14) 52.222-36, Affirmative Action for Workers with Disabilities (29 U.S.C. 793).
- ____(15) 52.222-37, Employment Reports on Disabled Veterans and Veterans of the Vietnam Era (38 U.S.C. 4212).
- ____(16) 52.225-3, Buy American Act--Supplies (41 U.S.C. 10).
- ____(17) 52.225-1, Buy American Act-- Trade Agreements Act-- Balance of Payments Program (41 U.S.C. 10, 19 U.S.C. 2501-2582)
- ____(18) [Reserved]
- ____(19) 52.225-18, European Union Sanction for End Products (E.O.12849).
- ____(20) 52.225-18, European Union Sanction for Services (E.O.12849).

____(21)(i) 52.225-21, Buy American Act--North American Free Trade Agreement Implementation Act--Balance of Payments Program (41 U.S.C. 10, Pub. L. 103-187)

____ (ii) Alternate I of 52.225-21.

__X_(22) 52.232-33, Payment by Electronic Funds Transfer--Central Contractor Registration (31 U.S.C. 3332).

__X_(23) 52.232-34, Payment by Electronic Funds Transfer--Other than Central Contractor Registration (31 U.S.C. 3332).

____(24) 52.232-36, Payment by Third Party (31 U.S.C. 3332).

____(25) 52.239-1, Privacy or Security Safeguards (5 U.S.C. 552a)

____(26)(i) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (46 U.S.C. 1241).

____ (ii) Alternate I of 52.247-64.

(c) The Contractor agrees to comply with the FAR clauses in this paragraph (c), applicable to commercial services, which the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or executive orders applicable to acquisitions of commercial items or components:

(Contracting Officer check as appropriate.)

____(1) 52.222-41, Service Contract Act of 1965, As amended (41 U.S.C. 351, et seq.).

____(2) 52.222-42, Statement of Equivalent Rates for Federal Hires (29 U.S.C. 206 and 41 U.S.C. 351, et seq.).

____(3) 52.222-43, Fair Labor Standards Act and Service Contract Act - Price Adjustment (Multiple Year and Option Contracts) (29 U.S.C. 206 and 41 U.S.C. 351, et seq.).

____(4) 52.222-44, Fair Labor Standards Act and Service Contract Act - Price Adjustment (29 U.S.C. 206 and 41 U.S.C. 351, et seq.).

____(5) 52.222-47, SCA Minimum Wages and Fringe Benefits Applicable to Successor Contract Pursuant to Predecessor Contractor Collective Bargaining Agreement (CBA) (41 U.S.C. 351, et seq.).

(d) *Comptroller General Examination of Record.* The Contractor shall comply with the provisions of this paragraph (d) if this contract was awarded using other than sealed bid, is in excess of the simplified acquisition threshold, and does not contain the clause at 52.215-2, Audit and Records-Negotiation.

(1) The Comptroller General of the United States, or an authorized representative of the Comptroller General, shall have access to and right to examine any of the Contractor's directly pertinent records involving transactions related to this contract.

(2) The Contractor shall make available at its offices at all reasonable times the records, materials, and other evidence for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in FAR Subpart 4.7, Contractor Records Retention, of the other clauses of this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.

(3) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require the Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

(e) Notwithstanding the requirements of the clauses in paragraphs (a), (b), (c) or (d) of this clause, the Contractor is not required to include any FAR clause, other than those listed below (and as may be required by an addenda to this paragraph to establish the reasonableness of prices under Part 15), in a subcontract for commercial items or commercial components-

(1) 52.222-26, Equal Opportunity (E.O. 11246);

(2) 52.222-35, Affirmative Action for Disabled Veterans and Veterans of the Vietnam Era (38 U.S.C. 2012(a));

(3) 52.222-36, Affirmative Action for Workers with Disabilities (29 U.S.C. 793).

(4) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (46 U.S.C. 1241) (flow down not required for subcontracts awarded beginning May 1, 1996); and

52.213-2 INVOICES (APR 84)

The Contractor's invoices must be submitted before payment can be made. The Contractor will be paid on the basis of the invoice, which must state-

- (a) the starting and end dates of the subscription delivery; and
- (b) either that orders have been placed in effect for the addressees required, or the that the orders will be placed in effect upon receipt of the payment.

12. Incorporated Documents:

The updated "Authorized Personnel Listing" is at Attachment 1. This represents all individuals and companies authorized to use this BPA. In addition, the "Authorized Personnel Listing" is maintained at the following website:

<http://www.epa.gov/oamsrpod/ersc/bpa/authlist.pdf>.

Signature:

Date:

David Trautwein
Regional Sales Manager
Zellweger Analytics

Approved:

Date:

Tanya A. Hoston
Contracting Officer
Environmental Protection Agency

Attachment 1
Authorized Personnel Listing

URL address of Authorized Personnel Listing
<http://www.epa.gov/oamsrpod/ersc/bpa/authlist.pdf>

AMENDMENT # 1
B3-1129-NTLX

AMENDMENT #1
BLANKET PURCHASE AGREEMENT
Category 2 - Emergency Response Hazmat

BPA No. B3-1129-NTLX

Effective Date: September 24, 2003

PURCHASE OFFICE

U.S. Environmental Protection Agency
Superfund/RCRA Regional Procurement Operations Division
Ariel Rios Building
1200 Pennsylvania Avenue, NW (3805R)
Washington, DC 20460
ATTN: Margie H. Weathers, Contracting Officer

CONTRACTOR

Zellweger Analytics
405 Barclay Boulevard
Lincolnshire, IL 60069
ATTN: David Trautwein

1. Description of Agreement:

This amendment revises Sections 2 - Description of Supplies/Services; 5 - Pricing Compliance; 12 - Incorporated Documents; Attachment # 1- Authorized Personnel Listing; and adds Attachment #2. All other terms and conditions of this agreement remain unchanged.

2. Description of Supplies/Services:

SPM Single Point Monitor and accessories. See Attachment #2, Zellweger Analytics "SPM Global Price List" and "Chemcassettes Global Price List".

5. Pricing Compliance:

The contractor agrees that any purchase order placed under this Agreement will be given the following price/discounts:

Equipment Item

Unit Price

Year 1

SPM Single Point Monitor \$7,336.00

Year 2

SPM Single Point Monitor \$7,758.80

Year 3

SPM Single Point Monitor \$7,993.38

Year 4

SPM Single Point Monitor \$8,231.90

Year 5

SPM Single Point Monitor \$8,477.05

See Attachment #2 for accessories for the Single Point Monitor.

12. Incorporated Documents:

The following documents are incorporated herein and made a part of this Agreement:

- b. Attachment 1- Authorized Personnel Listing - Revised 09/12/03.
- c. Attachment 2 -Zellweger Analytics SPM Global Price List and Chemcassettes Global Price List.

Signatures:

David Trautwein
Regional Sales Manager
Zellweger Analytics

Date: _____

Margie H. Weathers
Contracting Officer
U.S. Environmental Protection Agency

Date: _____

**Attachment 1
Authorized Personnel Listing**

The following individuals are authorized to place orders against **BPA No. B3-1129-NTLX**.
Personnel authorized to place orders may change throughout the term of this Agreement:

Raoul Scott
Office of Acquisition Management
Superfund/RCRA Regional Procurement Operations Division
1300 Pennsylvania Avenue, NW
Washington, DC 20460
Mail Code: 3805R
(202) 564-5752

Margie Weathers
Office of Acquisition Management
Superfund/RCRA Regional Procurement Operations Division
1300 Pennsylvania Avenue, NW
Washington, DC 20460
Mail Code: 3805R
(202) 564-4443

Tanya Hoston
Office of Acquisition Management
Superfund/RCRA Regional Procurement Operations Division
1300 Pennsylvania Avenue, NW
Washington, DC 20460
Mail Code: 3805R
(202) 564-0996

Robert Edgeton
Office of Acquisition Management
Superfund/RCRA Regional Procurement Operations Division
1300 Pennsylvania Avenue, NW
Washington, DC 20460
Mail Code: 3805R
(202) 564-2776

ANY Warranted EPA Contracting Officer

ANY Warranted EPA Personnel with Purchase Card Authority

Contractors listed below on START, ERRS, REAC, E RTP and ER Warehouse Contracts:

**SUPERFUND TECHNICAL ASSESSMENT & RESPONSE TEAM (START)
CONTRACTS**

REGION 1

1. Contractor: Roy F. Weston, Inc.
Contract Number: 68-W-00-097
Contractor's Point of Contact: Mark McDuffee, Program Manager/Team Leader
2. Contractor: Joint Venture - Planners Collaborative, Inc., & Resources Applications, Inc.
Contract Number: 68-R1-01-01
Contractor's Point of Contact: Ron Sharpin, Program Manager

REGION 2

1. Contractor: Weston Solutions, Inc.
Contract Number: 68-W-00-113
Contractor's Point of Contact: Carl Kelley, Program Manger
2. Contractor: Weston Solutions, Inc.
Contract Number: 68-W-00-121
Contractor's Point of Contact: Scott Butterfield, Project Manager
3. Contractor: Environmental Compliance, Inc.
Contract Number: 68-S2-00-07
Contractor's Point of Contact: John Jimenez, Program Manager

REGION 3

1. Contractor: Tetra Tech
Contract Number: 68-S3-00-02
Contractor's Point of Contact: Bill Hagel, Program Manger
2. Contractor: Ecology & Environment (E&E)
Contract Number: 68-S3-00-01
Contractor's Point of Contact: Drew Wojtanik

REGION 4

1. Contractor: Roy F. Weston, Inc.,
Contract Number: 68-W-00-123
Contractor's Point of Contact: Ray Doyle, Program Manager

REGION 5

1. Contractor: Tetra Tech
Contract Number: 68-W-00-129
Contractor's Point of Contact: Tom Kouris, Team Leader

2. Contractor: Roy F. Weston, Inc.
Contract Number: 68-W-00-119
Contractor's Point of Contact: Dean Geers, Team Leader

REGION 6

1. Contractor: Roy F. Weston, Inc.
Contract Number: 68-W-01-005
Contractor's Point of Contact: Robert B. Beck, Program Manager

REGION 7

1. Contractor: Tetra Tech EM Inc.
Contract Number: 68-S7-01-41
Contractor's Point of Contact: Hieu Vu, Team Leader Contractor:

REGION 8

1. Contractor: URS Operating Services
Contract Number: 68-W-99-118
Contractor's Point of Contact: Thomas F. Staible, Team Leader

REGION 9

1. Contractor: Ecology & Environment, Inc.
Contract Number: 68-W01-012
Contractor's Point of Contact: Thompson Chambers, Project Manager

REGION 10

1. Contractor: Ecology & Environment, Inc.
Contract Number: 68-S0-01-01
Contractor's Point of Contact: Dhroov Shivjiani, Program Manager

2. Contractor: Roy F. Weston, Inc.
Contract Number: 68-S0-01-02
Contractor's Point of Contact: Frank Monahan, Program Manager

3. Contractor: Herrera Environmental Consultants

Contract Number: 68-S0-01-03
Contractor's Point of Contact: Carlos E. Herrera, President

RESPONSE ENGINEERING & ANALYTICAL CONTRACT (REAC)

1. REAC Contractor: Lockheed Martin/REAC
Contract Number: 68-C-99-223
Contractor's Point of Contact: Dennis Miller, Acting Project Manager

ENVIRONMENTAL RESPONSE TRAINING PROGRAM CONTRACT (ERTP)

1. ERTTP Contractor: Tetra Tech NUS, Inc.
Contract Number: 68-C7-0033
Contractor's Point of Contact: Michael Gibbons, Program Manager

REMOVAL ACTION EMERGENCY AND RAPID RESPONSE SERVICES CONTRACTS (ERRS)

REGION 1

1. Contractor: The IT Group
Contract Number: 68-R1-98-01
Contractor's Point of Contact: Taylor Treat
2. Contractor: Coastal Environmental Corp
Contract Number: 68-S1-00-01
Contractor's Point of Contact: Dan Fenno

REGION 2

1. Contractor: WRS Infrastructure and Environment, Inc.
Contract Number: 68-S2-99-07
Contractor's Point of Contact: Doug Henne
2. Contractor: Earth Tech, Inc
Contract Number: 68-S2-99-08
Contractor's Point of Contact: Joe West
3. Contractor: WRS Infrastructure and Environment, Inc.
Contract Number: 68-S2-99-06
Contractor's Point of Contact: Doug Henning

REGION 3

1. Contractor: The IT Group
Contract Number: 68-S3-00-06
Contractor's Point of Contact: Steve Petty
2. Contractor: Earth Tech, Inc.
Contract Number: 68-S3-00-07
Contractor's Point of Contact: Rodney Swiney
3. Contractor: Shaw Environmental, Inc.
Contract Number: 68-S3-00-06
Contractor's Point of Contact: Steven Kawchak
4. Contractor: Earth Tech, Inc.
Contract Number: 68-S3-00-07
Contractor's Point of Contact: Ann-Alyssa King
5. Contractor: WRS Infrastructure & Environment, Inc.
Contract Number: 68-S3-03-02
Contractor's Point of Contact: Bob Moody
6. Contractor: Industrial Marine Service, Inc.
Contract Number: 68-S3-03-03
Contractor's Point of Contact: Bob May
7. Contractor: Guardian Environmental Services, Inc.
Contract Number: 68-S3-03-04
Contractor's Point of Contact: Terry Boos
8. Contractor: Kemron Environmental Services
Contract Number: 68-S3-03-05
Contractor's Point of Contact: Marsha Robinson

REGION 4

1. Contractor: CMC, Inc
Contract Number: 68-S4-02-04
Contractor's Point of Contact: Clay Corman
2. Contractor: Kemron Environmental Services, Inc.
Contract Number: 68-S4-02-05
Contractor's Point of Contact: John Dwyer

3. Contractor: WRS Infrastructure & Environment, Inc.
Contract Number: 68-S2-02-06
Contractor's Point of Contact: Michael Copeland
4. Contractor: Ferguson Harbour Incorporated
Contract Number: 68-S4-02-07
Contractor's Point of Contact: Michael Hextell

REGION 5

1. Contractor: Environmental Quality Management, Inc.
Contract Number: 68-S5-98-01
Contractor's Point of Contact: Jack S. Greber
2. Contractor: Earth Tech, Inc.
Contract Number: 68-S5-98-02
Contractor's Point of Contact: Bob Koentop
3. Contractor: Ferguson Harbour, Inc.
Contract Number: 68-S5-99-21
Contractor's Point of Contact: Michael Hextell

REGION 6

1. Contractor: A&B Environmental Services, Inc
Contract Number: 68-R6-9803
Contractor's Point of Contact: Ram Ramakrishnan
2. Contractor: Environmental Quality Management, Inc.
Contract Number: 68-S6-0201
Contractor's Point of Contact: Jack Greber
3. Contractor: Earth Tech, Inc
Contract Number: 68-S6-0202
Contractor's Point of Contact: Rodney Swiney

REGION 7

1. Contractor: Environmental Restoration, L.LC
Contract Number: 68-S7-02-04
Contractor's Point of Contact: Dennis Greaney

REGION 8

1. Contractor: Environmental Quality Management, Inc. (EQM)
Contract Number: 68-W-02-072
Contractor's Point of Contact: Jack S. Greber, President
2. Contractor: Environmental Restoration, L.L.C.
Contract Number: 68-W-01-053
Contractor's Point of Contact: Dennis Greaney, President

REGION 9

1. Contractor: Environmental Quality Management, Inc
Contract Number: 68-W-02-016
Contractor's Point of Contact: Jack S. Greber
2. Contractor: Project Resources Inc.
Contract Number: 68-W-02-017
Contractor's Point of Contact: Frank Loscavio

REGION 10

1. Contractor: Environmental Quality Management
Contract Number: 68-S7-01-64
Contractor's Point of Contact: Jack S. Greber

EMERGENCY RESPONSE WAREHOUSE CONTRACTS

REGION 1

1. Contractor: Roy F. Weston, Inc.
Contract Number: 68-W-03-011
Contractor's Point of Contact: Mark McDuffee, Program Manager/Team Leader

REGION 4

1. Contractor: Tetra Tech, EM, Inc.
Contract Number: 68-W-02-79
Contractor's Point of Contact: Steve Pierce, Program Manager

REGION 5

- 1. Contractor: Tetra Tech
- Contract Number: 68-W-03-012
- Contractor's Point of Contact: Tom Kouris, Team Leader

REGION 6

- 1. Contractor: Roy F. Weston, Inc.
- Contract Number: 68-W-03-009
- Contractor's Point of Contact: Robert B. Beck, Program Manager

REGION 7

- 1. Contractor: Tetra Tech EM Inc.
- Contract Number: 68-W-02-080
- Contractor's Point of Contact: Hieu Vu, Team Leader

REGION 8

- 1. Contractor: URS Operating Services
- Contract Number: 68-W-02-081
- Contractor's Point of Contact: Thomas F. Staible, Team Leader

REGION 10

- 1. Contractor: Ecology & Environment, Inc.
- Contract Number: 68-W-02-083
- Contractor's Point of Contact: Dhroov Shivjiani, Program Manager

BORDER CONTRACT

REGION 6

- 1. Contractor: A&B Environmental Services
- Contract Number: 68-R6-9803
- Contractor's Point of Contact: Dr. Ram Ramakrishnan, Program Manager

See the following pages.

Zellweger Analytics “SPM Single Point Monitor” Global Price List
&

Zellweger Analytics “Chemcassettes” Global Price List

SPM Global Price List

US Dollars

SPM Single Point Monitor

Model SPM Toxic Gas Monitor - All versions of the Model SPM include calibration for one gas, dual-level alarms, LED display, 4-20 mA isolated output and 10 Amp relay contacts.

Part Number	Description	US Dollars
BASE Units		
870700	Line-Powered Unit housed in a NEMA 4X enclosure with wall mounting kit. For 100-240 VAC, 50/60 Hz operation (other voltages below)	\$5,450
870850	Z-Purged Unit suitable for Class I, Div II operation, 100-240 VAC, 50/60 Hz. Includes Remote Reset. (other voltages below)	\$7,150
	For line cords other than 110 VAC North America or 100 VAC Japan, add one of the following part numbers:	
870951-1	240 VAC, 50/60 Hz (Australia)	n/c
870951-2	240 VAC, 50/60 Hz (UK)	n/c
870951-3	240 VAC, 60/60 Hz (Danish)	n/c
870951-4	240 VAC, 50/60 Hz (Swiss)	n/c
870951-5	240 VAC, 50/60 Hz (Europe)	n/c
870964	Battery-Backed Unit with NEMA 4X enclosure, 110 VAC line charger, and sealed batteries capable of powering the base unit for up to 8 hours	\$6,450
870900	Portable Unit with NEMA 4X enclosure, 110 VAC line charger, sealed batteries, handle and carrying strap	\$6,600
MVIP1928-1	Pyrolyzer Unit - Line powered	\$12,900
	For chargers other than 110 VAC North America, add one of the following part numbers:	
870955-1	220-240 VAC (Europe)	n/c
870955-2	100 VAC, 50 Hz (Japan)	n/c
870955-3	220-240 VAC (UK)	n/c
870955-4	220-240 VAC (Swiss)	n/c
870955-5	220-240 VAC (Danish)	n/c
870955-6	220-240 VAC (Italian)	n/c
870955-7	220-240 VAC (Australia)	n/c
	(These assemblies	

INCLUDE the appropriate line cord.)

Options

To order the following options, add the following part numbers to above base unit. Prices listed below are additional to the cost of the base unit.

	Note: Some options are not compatible with others. Please contact Zellweger Analytics before ordering.	
870840	ChemKey Capability	\$680
870933	Extended Sampling (includes 100 ft. of FEP Teflon tubing)	\$450
870822	Remote Reset	\$525
870931	Digital RS422 Output (Battery & Line Powered)	\$840
870995	Digital RS422 Output (Z-Purge only)	\$840
870985	Duty Cycle Option	\$550
870965	Handle (for non-portable units)	\$105
MVIP1163	Printer, standalone, battery operated with RS232 software	\$1,460
Consult ZA	*Vortex Cooler	
Consult ZA	*Thermostatically Controlled Heater (for operation to -20C)	
Consult ZA	*Sample Line Dryer	
Consult ZA	*Sample Humidifier	
	* Application specific - Contact Zellweger Analytics before ordering and to obtain pricing.	

Accessories

870952	Pole Mounting Kit	\$42
	* Remote LED Display with relays 117/230 VAC, 50/60 Hz)	
	* Application specific. Contact Zellweger Analytics before ordering to obtain pricing.	
104163	**Loop Powered, LCD Displays Specify range for the target gas at time of order	\$525
	**If the SPM is used with more than one gas range, (such as a ChemKey unit) a 0-100% range (percent of scale) is suggested.	
870016	Alarm Horn 110 VAC	\$400
870017	220 VAC	\$400
102599	Tubing, FEP 1/4" O.D. x 1/8" I.D. (price per foot)	\$5
970889	Operating Instructions	\$50
970889-F	Operating Instructions - French	\$53

970889-G	Operating Instructions - German	\$53
970889-I	Operating Instructions - Italian	\$53
870801	Test Card Assembly	\$42

	Replacement Battery Chargers:	
870955-1	220-240 VAC (Europe)	\$315
870955-2	100 VAC, 50 Hz (Japan)	\$315
870955-3	220-240 VAC (UK)	\$315
870955-4	220-240 VAC (Swiss)	\$315
870955-5	220-240 VAC (Danish)	\$315
870955-6	220-240 VAC (Italian)	\$315
870955-7	220-240 VAC (Australia)	\$315

**Quantity discounts
For additional ChemKey Calibration**

1 to 5 ChemKeys \$230 Each
6 to 11 ChemKeys \$210 Each
12 or more ChemKeys \$200 Each

ChemKey

Part Number	Gas and Factory-set Dual Alarm Levels	
	Amines	
870949	(1)n-Butylamine (N-BA) with 5.0/10.0 ppm alarms	\$230
930018-1	(1)Dimethyl Amine (DMA) Low Level with 1.0/3.0 ppm alarms	\$230
930011-1	(1)Methylene Dianiline (MDA) with 10/20 ppb alarms	\$230
870935	(2)p-Phenylenediamine (PPD) with 10/20 ppb alarms	\$230
930001-2	(2)Toluene Diamine (TDA) with 10/20 ppb alarms	\$230
870843	(3)Trimethyl Amine (TMA) with 10/20 ppm alarms	\$230
870861	(1)Ammonia (NH ₃) with 12.5/25 ppm alarms	\$230
930010-1	(1)Ammonia (NH ₃) with 25.0/50 ppm alarms	\$230
870920	Bromine (Br ₂) with 50/100 ppb alarms	\$230
870918	(4)Chlorine II (Cl ₂) with 0.25/0.50 ppm alarms	\$230
930012-7	(4)Chlorine II (Cl ₂) with 0.5/1.0 ppm alarms	\$230
1971-0022	(11)Chlorine III/Oxidizers (Cl ₂) with 0.25/0.50 ppm alarms	\$230
1971-0173	Chlorine (Cl ₂) Extended Play with 0.25/0.50 ppm alarms	\$230
870958	(5)Chlorine Dioxide (ClO ₂) with 50/100 ppb alarms	\$230
	(6)Diisocyanates	
870947	CHDI with 5/20 ppb alarms	\$230
870863	HDI with 5/20 ppb alarms	\$230
870945	HMDI with 5/20 ppb alarms	\$230
870943	IPDI with 5/20 ppb alarms	\$230
870904	MDI with 5/20 ppb alarms	\$230
870842	MDI-II with 5/20 ppb alarms (used for larger particles > 1 micron)	\$230
870941	NDI with 5/20 ppb alarms	\$230

870865	PPDI with 5/20 ppb alarms		\$230
870914	TDI with 5/20 ppb alarms	\$230	
870971	TMDI with 5/20 ppb alarms		\$230
870962	TMXDI with 5/20 ppb alarms		\$230
870969	XDI with 5/20 ppb alarms		\$230

ChemKey (continued)

Part Number Gas and Factory-set Dual Alarm Levels

(7)Hydrazines			
870873	MMH with 100/200 ppb alarms		\$230
1971-0034	MMH LL with 5/10 ppb alarms		\$230
870875	N2H4 with 50/100 ppb alarms		\$230
1971-0073	N2H4 LL with 5/10 ppb alarms		\$230
870877	UDMH with 247/500 ppb alarms		\$230
870858	UDMH with 5/10 ppb alarms		\$230
(8)Hydrides			
870916	Arsine (AsH3) with 25/50 ppb alarms		\$230
870867	Diborane (B2H6) with 50/100 ppb alarms		\$230
870869	Disilane (Si2H6) with 2.5/5.0 ppm alarms		\$230
870871	Germane (GeH4) with 150/200 ppb alarms		\$230
870887	Hydrogen Selenide (H2Se) with 25/50 ppb alarms		\$230
870899	Phosphine (PH3) with 150/300 ppb alarms		\$230
870902	Silane (SiH4) with 2.5/5.0 ppm alarms		\$230
870906	Stibine (SbH3) with 50/100 ppb alarms		\$230
870844	Tertiary Butyl Arsine (TBA) with 25/50 ppb alarms		\$230
870979	Tertiary Butyl Phosphine (TBP) with 150/300 ppb alarms		\$230
(9) Hydrides Extended Play			
Note: Must have unit upgraded to use these calibrations.			
1971-0107	Arsine (AsH3) with 25/50 ppb alarms		\$230
1971-0123	Arsine (AsH3) LL with 2/4 ppb alarms		\$230
1971-0110	Diborane (B2H6) with 50/100 ppb alarms		\$230
1971-0108	Phosphine (PH3) with 150/300 ppb alarms		\$230
1971-0109	Silane (SiH4) with 2.5/5.0 ppm alarms		\$230
1971-0183	Tertiary Butyl Arsine (TBA) with 25/50 ppb alarms		\$230
1971-0184	Tertiary Butyl Phosphine (TBP) with 150/300 ppb alarms		\$230
870881	Hydrogen Cyanide (HCN) with 2.3/4.7 ppm alarms		\$230
870885	Hydrogen Peroxide (H2O2) with 0.5/1.0 ppm alarms		\$230
870889	Hydrogen Sulfide (H2S) with 5/10 ppm alarms		\$230
870990	Hydrogen Sulfide (H2S) LL w/ 15/30 ppb alarms		\$230
(10)Mineral Acids			
1971-0162	Boron Trifluoride (BF3) Low Level with 500/750 ppb alarms		\$230
870879	Hydrogen Bromide (HBr) with 1.5/3.0 ppm alarms		\$230
870883	Hydrogen Chloride (HCl) with 2.5/5.0 ppm alarms		\$230
930009-2	Hydrogen Chloride (HCl) Low Level with 120/240 ppb alarms		\$230

870910	Hydrogen Fluoride (HF) with 1.5/3.0 ppm alarms	\$230
870891	Nitric Acid (HNO3) with 1.0/2.0 ppm alarms	\$230
870912	Sulfuric Acid (H2SO4) with 125/250 ppb alarms	\$230
1971-0144*	Fluorine (F2) with 0.5/1.0 ppm alarms	\$230

ChemKey (continued)

Part Number Gas and Factory-set Dual Alarm Levels

1971-0145*	Fluorine (F2) Low Level with 0.1/0.2 ppm alarms *Note: Fluorine ChemKey calibration p/n(s) require prom software to be at Version 1.20 or higher.	\$230
870981	Nitrogen Dioxide (NO2) with 0.5/1.0 ppm alarms	\$230
870893	Nitrogen Dioxide (NO2) with 1.5/3.0 ppm alarms	\$230
930004-1	Nitrogen Dioxide (NO2) with 2.5/5.0 ppm alarms	\$230
870895	Ozone (O3) with 50/100 ppb alarms	\$230
870897	Phosgene (COCl2) with 50/100 ppb alarms	\$230
1971-0118	(12) Phosgene (COCl2) Extended Play with 50/100 ppb alarms Note: Must have unit upgrade to use this calibration.	\$230
870908	Sulfur Dioxide (SO2) with 1.0/2.0 ppm alarms	\$230

Calibration

Part Number	Gas and Factory-set Dual Alarm Levels
	Amines
870948	(1)n-Butylamine (N-BA) with 5.0/10.0 ppm alarms
930018-2	(1)Dimethyl Amine (DMA) Low Level with 1.0/3.0 ppm alarms
930011-2	(1)Methylene Dianiline (MDA) with 10/20 ppb alarms
870934	(2)p-Phenylenediamine (PPD) with 10/20 ppb alarms
930001-1	(2)Toluene Diamine (TDA) with 10/20 ppb alarms
870839	(3)Trimethyl Amine (TMA) with 10/20 ppm alarms
870860	(1)Ammonia (NH3) with 12.5/25 ppm alarms
930010-3	(1)Ammonia (NH3) with 25.0/50.0 ppm alarms
870919	Bromine (Br2) with 50/100 ppb alarms
870917	(4)Chlorine II (Cl2) with 0.25/0.50 ppm alarms
930012-6	(4)Chlorine II (Cl2) with 0.5/1.0 ppm alarms
1971-0023	(11)Chlorine III/Oxidizers (Cl2) with 0.25/0.50 ppm alarms
1971-0172	Chlorine Extended Play with 0.25/0.50 ppm alarms
870967	(5)Chlorine Dioxide (ClO2) w/ 50/100 ppb alarms

870946	(6)Diisocyanates
870862	CHDI with 5/20 ppb alarms
870944	HDI with 5/20 ppb alarms
870942	HMDI with 5/20 ppb alarms
870903	IPDI with 5/20 ppb alarms
870940	MDI with 5/20 ppb alarms
870864	NDI with 5/20 ppb alarms
870913	PPDI with 5/20 ppb alarms
870970	TDI with 5/20 ppb alarms
870961	TMDI with 5/20 ppb alarms
	TMXDI with 5/20 ppb alarms

Calibration (continued)

Part Number	Gas and Factory-set Dual Alarm Levels
870968	XDI with 5/20 ppb alarms
	(7)Hydrazines
870872	MMH with 100/200 ppb alarms
1971-0033	MMH LL with 5/10 ppb alarms
870874	N2H4 with 50/100 ppb alarms
1971-0074	N2H4 LL with 5/10 ppb alarms
870876	UDMH with 247/500 ppb alarms
870854	UDMH with 5/10 ppb alarms

	(8)Hydrides
870915	Arsine (AsH3) with 25/50 ppb alarms
870866	Diborane (B2H6) with 50/100 ppb alarms
870868	Disilane (Si2H6) with 2.5/5.0 ppm alarms
870870	Germane (GeH4) with 150/200 ppb alarms
870886	Hydrogen Selenide (H2Se) with 25/50 ppb alarms
870898	Phosphine (PH3) with 150/300 ppb alarms
870901	Silane (SiH4) with 2.5/5.0 ppm alarms
870905	Stibine (SbH3) with 50/100 ppb alarms
870838	Tertiary Butyl Arsine (TBA) with 25/50 ppb alarms
870978	Tertiary Butyl Phosphine (TBP) with 150/300 ppb alarms

	(9) Hydrides Extended Play
	Note: Must have unit upgraded to use these calibrations.
1971-0111	Arsine (AsH3) with 25/50 ppb alarms
1971-0122	Arsine (AsH3) LL with 2/4 ppb alarms
1971-0113	Diborane (B2H6) with 50/100 ppb alarms
1971-0112	Phosphine (PH3) with 150/300 ppb alarms
1971-0114	Silane (SiH4) with 2.5/5.0 ppm alarms
1971-0182	Tertiary Butyl Arsine (TBA) with 25/50 ppb alarms
1971-0185	Tertiary Butyl Phosphine (TBP) with 150/300 ppb alarms

870880	Hydrogen Cyanide (HCN) with 2.3/4.7 ppm alarms
870884	Hydrogen Peroxide (H2O2) with 0.5/1.0 ppm alarms
870888	Hydrogen Sulfide (H2S) with 5/10 ppm alarms
870989	Hydrogen Sulfide (H2S) LL w/ 15/30 ppb alarms

(10)Mineral Acids

1971-0163	Boron Trifluoride Low Level with 500/750 ppb alarms
870878	Hydrogen Bromide (HBr) with 1.5/3.0 ppm alarms
870882	Hydrogen Chloride (HCl) with 2.5/5.0 ppm alarms
930009-3	Hydrogen Chloride (HCl) Low Level with 120/240 ppb alarms
870909	Hydrogen Fluoride (HF) with 1.5/3.0 ppm alarms
870890	Nitric Acid (HNO3) with 1.0/2.0 ppm alarms
870911	Sulfuric Acid (H2SO4) with 125/250 ppb alarms

Calibration (continued)

Part Number	Gas and Factory-set Dual Alarm Levels
1971-0142	Fluorine (F2) with 0.5/1.0 ppm alarms
1971-0143	Fluorine (F2) Low Level with 0.1/0.2 ppm alarms
870980	Nitrogen Dioxide (NO2) with 0.5/1.0 ppm alarms
870892	Nitrogen Dioxide (NO2) with 1.5/3.0 ppm alarms
930004-2	Nitrogen Dioxide (NO2) with 2.5/5.0 ppm alarms
870894	Ozone (O3) with 50/100 ppb alarms
870896	Phosgene (COCl2) with 50/100 ppb alarms
1971-0119	(12) Phosgene (COCl2) Extended Play with 50/100 ppb alarms Note: Must have unit upgraded to use this calibration.
870907	Sulfur Dioxide (SO2) with 1.0/2.0 ppm alarms

- (1) Uses Amines/Ammonia Chemcassette 706042 (SP).
 - (9) Uses XPS Hydrides Chemcassette 1740-9300
(up to 3 months in no gas situations).
 - (2) Uses Aromatic Amines/PPD Chemcassette 709528 (SP).
 - (3) Uses Ammonia Chemcassette 706002 (SP).
 - (4) Uses Chlorine/Oxidizers Chemcassette 704007 (SP).
 - (5) Uses Chlorine/Chlorine Dioxide Chemcassette 704006 (SP).
 - (10) Uses Mineral Acids Chemcassette 705505 (SP).
 - (11) Uses Chlorine/Oxidizers Chemcassette 704308 (SP).
 - 12) Uses XPS Phosgene Chemcassette 1740-9307
(up to 3 months in no gas situations).
 - (6) Uses Diisocyanates Chemcassette 700506 (SP).
 - (7) Uses Hydrazines Chemcassette 708013 (SP).
 - (8) Uses Hydrides Chemcassette 705502 (SP).
- P/N 970922 Page 9 of 10 November 2002

(Prices subject to change without prior notice.)

Terms: Shipping FOB Lincolnshire, IL, USA. U.S. payment terms are net 30 days, subject to credit department approval. Export payments terms to be quoted upon request. All payments are to be in U.S. Dollars.

For more information contact Zellweger Analytics during normal business hours:
800-323-2000 or 847-955-8200

**Zellweger Analytics, Inc. 405 Barclay Boulevard Lincolnshire, IL 600
24-Hour Emergency Service Hotline: 847-634-2840**

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Chemcassettes Global Price List

Chemcassettes

US Dollars

Chemcassette is a registered trademark for a family of dry reaction substrates supplied in the form of a cassette. Individually formulated for a specific gas or family of gases, each Chemcassette is a proprietary chemical reagent system. It acts as both a trapping and analysis medium, detecting and measuring nanogram amounts of target gas with excellent sensitivity and response speed. Each Chemcassette is gas tested to assure proper response when installed in-field in an MDA Scientific monitor.

For CM4, Vertex, System 16, TLD-1, SPM, Series 7100, and IsoLogger Monitoring Systems

Part Number	Description	US Dollars
<u>SP Chemcassettes</u> - For TLD-1, SPM, Series 7100 and System 16 Monitoring Systems. Specify substance when ordering.		
706002	Ammonia (1)	\$49
706042	Aliphatic Amines/Ammonia (1)	\$49
711314	Bromine	\$49
704006	Chlorine/Chlorine Dioxide (2)	\$49
704007	Chlorine/Oxidizers (2)	\$49
704308	Chlorine III/Oxidizers (2)	\$49
700506	Diisocyanates	\$49
1750-9306	Fluorine	\$49
708013	Hydrazines	\$49
705502	Hydrides	\$49
702505	Hydrogen Chloride-for Series 7100 (ppm level) For SPM, TLD-1, PSM-8xt, System 16 and Series 7100 Low Level, see Mineral Acids Chemcassette. See next page for reference notes.	\$49

(1) Two Chemcassettes for Ammonia detection are available. The newer Aliphatic Amines/Ammonia Chemcassette is now available. It has several advantages over the Ammonia Chemcassette, but requires different calibration software. Please contact your sales representative for upgrading your instrument if it does not use this Chemcassette.

(2) Five Chemcassettes for Chlorine detection are available. The Chlorine XP Chemcassette and Chlorine on Fluorine Chemcassette are now available. They have advantages over other Chlorine Chemcassettes, but do require different calibration software. Please contact your sales representative for upgrading your instrument, if it does not use this Chemcassette.

SP Chemcassettes (continued)

704510	Hydrogen Cyanide-for TLD-1 and SPM Monitors	\$49
704510	Hydrogen Cyanide-for Series 7100 Monitors	\$49
704510	Hydrogen Cyanide-for PSM-8xt Monitors	\$49
704510	Hydrogen Cyanide-for System 16 Monitors	\$49
700278	Hydrogen Peroxide	\$49
701012	Hydrogen Sulfide	\$49
705505	Mineral Acids	\$49
703012	Nitrogen Dioxide	\$49
704514	Ozone	\$49

SP Chemcassettes (continued)

702020	Phosgene	\$49
709528	Aromatic Amines/PPD	\$49
705015	Sulfur Dioxide	\$49
705027	Sulfur Dioxide, Low Level	\$49
709015	TDA	\$49
700004	TDI/MDI (3)	\$49

(3) For Model 7000 only. For Model 7005, TLD-1, SPM and 7100, use Diisocyanates Chemcassette

EP Chemcassettes - For Model SPM Monitors Only.

Provides up to 30 Days of continuous monitoring.

Note: EP size is not available for all substances.

700342	Aliphatic Amines/Ammonia	\$85	
700313	Bromine	\$85	
700302	Chlorine/Chlorine Dioxide	\$85	
700308	Chlorine III/Oxidizers	\$85	
700309	Diisocyanates	\$85	
1740-9306	Fluorine		\$85
700347	Hydrazines	\$85	
700300	Hydrides	\$85	
700509	Hydrogen Peroxide	\$85	
700304	Hydrogen Sulfide	\$85	
700337	Mineral Acids	\$85	
700305	Nitrogen Dioxide		\$85
700307	Phosgene	\$85	
700343	Aromatic Amines/PPD	\$85	

LP Chemcassettes - For Series 7100 and System 16 only.

Provides up to 30 days of continuous monitoring.

Specific substance when ordering.

Note: LP size is not available for all substances.

711342	Aliphatic Amines/Ammonia	\$170	
711313	Bromine	\$170	
711302	Chlorine/Chlorine Dioxide	\$170	
711308	Chlorine III/Oxidizers	\$170	
711309	Diisocyanates	\$170	
1830-9306	Fluorine		\$170
711347	Hydrazines	\$170	
711300	Hydrides	\$170	
711301	Hydrogen Chloride (1)	\$170	
711509	Hydrogen Peroxide	\$170	
711304	Hydrogen Sulfide	\$170	
711337	Mineral Acids (2)	\$170	
711305	Nitrogen Dioxide (3)	\$170	
711307	Phosgene	\$170	
711343	Aromatic Amines/PPD	\$170	

1 - IMPORTANT: For Series 7100 Monitors only. System 16 uses the Mineral Acids Chemcassette to detect and measure HCl.

2 - Not for use in the Series 7100 for HCl detection, except for low level, ppb calibration. Use HCl LP-Size Chemcassette, P/N 711301 for standard, ppm calibration.

3 - Not for use in System 16 for NO2. Use Chlorine/Oxidizer SP-size Chemcassette, P/N 704007.

CM4 Chemcassette - For the Model CM4 Toxic Gas Monitor.

CM4 Chemcassettes provide up to 30 days of monitoring for most gases and are supplied in two different packaging styles.

CM4 Chemcassette - Tape with Supply Reel

874342	Aliphatic Amines/Ammonia	\$75	
874007	Chlorine (monitors up to 16 days)		\$38
874308	Chlorine III/Oxidizers	\$75	
1874-9306	Fluorine	\$75	
874347	Hydrazine	\$75	

874300	Hydrides	\$75
874510	Hydrogen Cyanide (monitors up to 16 days)	\$38
874304	Hydrogen Sulfide	\$75
874337	Mineral Acids	\$75
874305	Nitrogen Dioxide (monitors up to 16 days)	\$38
874307	Phosgene	\$75

EGM Chemcassettes - For the Model EGM only.

Provide up to 30 days of operation for most gas types (up to 2 weeks for HCN, ozone and sulfur dioxide).

856342	Aliphatic Amines/Ammonia	\$49
856313	Bromine	\$49
856302	Chlorine/Chlorine Dioxide	\$49
856308	Chlorine III/Oxidizers	\$49
1756-9306	Fluorine	\$49
856300	Hydrides	\$49
856510	Hydrogen Cyanide	\$49
856509	Hydrogen Peroxide	\$49
856304	Hydrogen Sulfide	\$49
856337	Mineral Acids	\$49
856305	Nitrogen Dioxide	\$49
856514	Ozone	\$49
856307	Phosgene	\$49
856015	Sulfur Dioxide	\$49

Vertex Chemcassettes - For Vertex only. Provides up to 30 days of operation for most gas types (up to 2 weeks for HCN.)

1295-0221	Aliphatic Amines/Ammonia	\$120
1295-0224	Chlorine III/Oxidizers (ClO2, Cl2-Low Level)	\$120
1295-0220	Fluorine (for F2, NO2)	\$120
1295-0300	Hydrides	\$120
1295-0222	Hydrogen Cyanide (monitors up to 2 weeks)	\$63
1295-0223	Hydrogen Sulfide	\$120
1295-0225	Mineral Acids	\$120

XP Chemcassettes -for 1 to 3 Months Service Life

XP Chemcassettes add a new dimension of benefit to Chemcassette technology based systems. XP Chemcassettes increase the exchange service interval for MDA Scientific monitors from 1 month up to 3 months in many cases. XP Chemcassettes are currently available for Chlorine, Hydrides and Phosgene. They are available for major MDA products. These include Vertex, Model CM4, System 16, SPM, TLD** and EGM*. Instruments will need to be updated to include an XP calibration, which is substantially different from existing calibrations. See individual product price lists for ordering information. Once updated, instruments must be used with XP Chemcassettes only. These Chemcassettes, with the exception of the EGM Chemcassette, support the low level arsine requirements of the new TLV proposed by ACGIH. Additional XP versions will be introduced over the next several years. Contact your Zellweger Analytics representative for details of this. Quicassettes are not offered in XP versions.

Extended Play

1295-0227	XPV for Chlorine (Vertex)	\$260
1830-9308	XPL for Chlorine (System 16)	\$465
1874-9308	XPC for Chlorine (CM4)	\$205

1740-9308	XPS for Chlorine (SPM)	\$200
1756-9308	XPE for Chlorine (EGM)	\$140
1750-9308	XPT for Chlorine (TLD)	\$49
1295-0226	XPV for Hydrides (Vertex)	\$260
1830-9300	XPL for Hydrides (System 16)	\$465
1874-9300	XPC for Hydrides (CM4)	\$205
1740-9300	XPS for Hydrides (SPM)	\$200
1756-9300	XPE for Hydrides (EGM*)	\$140
1750-9300	XPT for Hydrides (ChemKey-TLD**)	\$49

* XPE Chemcassette for Hydrides contains only standard range Arsine (AsH3) curve, not ultra low level Arsine (AsH3).

** XPT Chemcassette for Hydrides runs for 2 weeks continuously on a ChemKey TLD unit only. Other TLD's series products do not have XP calibrations available.

1295-0228	XPV for Phosgene (Vertex)	\$260
1830-9307	XPL for Phosgene (System 16)	\$465
1874-9307	XPC for Phosgene (CM4)	\$205
1740-9307	XPS for Phosgene (SPM)	\$200
1756-9307	XPE for Phosgene (EGM)	\$140

Quicassettes - For TLD, SPM, Series 7100.

Sold in packages of six in any combination:

Note: These are discontinued as of December 31, 2002.

Only current blanket orders will be filled until June 30, 2003

706042-Q	Aliphatic Amines/Ammonia (1)	\$26
704007-Q	Chlorine/Oxidizers	\$26
705502-Q	Hydrides	\$26
705505-Q	Mineral Acids	\$26
704514-Q	Ozone	\$26

(1) Two Chemcassettes for Ammonia detection are available. The newer Aliphatic Amines/Ammonia Chemcassette is now available. It has several advantages over the Ammonia Chemcassette, but requires different calibration software. Please contact your sales representative for upgrading your instrument if it does not use this Chemcassette.

Mini Chemcassettes - For IsoLogger Monitoring System.

Five per package, 1 day per mini chemcassette..

770134	Diisocyanate	\$85
770307	Phosgene	\$85

Note: If you have any questions regarding the appropriate choice of Chemcassette for your instrument, please contact our Customer Service at 1-800-323-2000 for further assistance.

The following Chemcassettes of any size are used for certain families of gases.

* Diisocyanates Chemcassettes detect and measure TDI, MDI, HMDI, HDI, CHDI, PPDl, PCPI, NDI, IPDI, XDI, TMDI and TMXDI.

* Hydrazines Chemcassettes detect and measure MMH, UDMH and N₂H₄.

* Hydrides Chemcassettes detect and measure Arsine, Diborane, Digermane, Germane, Hydrogen Selenide, Phosphine, Disilane, Silane, Stibine, t-Butylarsine and t-Butylphosphine.

* Mineral Acids Chemcassettes detect and measure HF, HCl, HNO₃, HBr, HI and H₂S₀

Chemcassette is a registered trademark of Zellweger Analytics, Inc.

(Prices subject to change without prior notice.)

Terms: Shipping FOB Lincolnshire, IL, USA. U.S. payment terms are net 30 days, subject to credit department approval. Export payments terms to be quoted upon request. All payments are to be in U.S. Dollars.

For more information contact Zellweger Analytics during normal business hours:
800-323-2000 or 847-955-8200

Zellweger Analytics, Inc. 405 Barclay Boulevard Lincolnshire, IL 60069
24-Hour Emergency Service Hotline: 847-634-2840

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BLANKET PURCHASE AGREEMENT

Category 2 - Emergency Response Hazmat

BPA No. B3-1129-NTLX

Effective Date: July 31, 2003

PURCHASE OFFICE

U.S. Environmental Protection Agency
Superfund/RCRA Regional Procurement Operations Division
Ariel Rios Building
1200 Pennsylvania Avenue, NW (3805R)

Washington, DC 20460
ATTN: Margie H. Weathers, Contracting Officer

CONTRACTOR

Zellweger Analytics
405 Barclay Boulevard
Lincolnshire, IL 60069
ATTN: David Trautwein

1. Description of Agreement:

The contractor shall furnish and deliver the equipment/supplies associated with EPA's Emergency Response Program (Category 2 - Emergency Response (ER) Hazmat) on an as required basis from the above effective date through July 30, 2008. Orders will be placed by authorized Environmental Protection Agency (EPA) personnel or authorized contractor personnel specified by the EPA Contracting Officer. Prices for all equipment/supplies are outlined below and shall remain in effect throughout the term of this agreement.

2. Description of Supplies/Services:

SPM Single Point Monitor with data recorder

3. Extent of Obligation:

The Government is not obligated to order any equipment or supplies under this Blanket Purchase Agreement (BPA). The Government is obligated only to the extent of authorized purchase orders placed against this BPA. The Government reserves the right to award contracts or agreements to other sources for like equipment or supplies during the same delivery period as this Agreement.

4. a. Purchase Limitation:

Any purchase order placed under this Agreement shall not exceed the limit of the Ordering Officer's authority as specified herein. The total amount of purchase orders placed against this Agreement shall not exceed \$5,000,000 throughout effective date of this Agreement.

b. Limitation of Funds:

The contractor shall notify the Contracting Officer in writing whenever it has reason to believe that the next purchase order placed against the BPA will exceed 75% of the total "not to exceed amount" listed in paragraph 4(a) of the BPA entitled "Purchase

Limitations.”

5. Pricing Compliance:

The contractor agrees that any purchase order placed under this Agreement will be given the following price/discounts:

<u>Equipment Item</u>	<u>Unit Price</u>
<u>Year 1</u> SPM Single Point Monitor	\$7,336.00
<u>Year 2</u> SPM Single Point Monitor	\$7,758.80
<u>Year 3</u> SPM Single Point Monitor	\$7,993.38
<u>Year 4</u> SPM Single Point Monitor	\$8,231.90
<u>Year 5</u> SPM Single Point Monitor	\$8,477.05

Recurring Orders:

Zellweger Analytical will offer to EPA the prices listed above on all purchases through July 30, 2008.

6. Ordering Procedures and Limitations:

a. Purchase orders shall be the method for ordering under this Agreement. All purchase orders placed with the contractor under this Agreement must be made only by authorized personnel. Attachment 1 to this Agreement outlines those personnel who have been granted authority to place orders and commit government funds. Shipping instructions will be specified with each purchase order.

b. Any purchase order placed by individuals other than those authorized callers outlined in Attachment 1 will be considered as an unauthorized procurement and the unauthorized caller may be liable for the cost of the equipment/supplies provided. The contractor is advised and cautioned to accept purchase orders only from the authorized ordering officials outlined in Attachment 1.

7. Performance and Delivery:

- a. All equipment and services requested under this Agreement shall be delivered to the address as specified by each individual purchase order.
- b. All deliveries shall be made within the time agreed upon by the contractor and the authorized caller when the purchase order is placed.
- c. Delivery of all items under this Agreement shall be shipped F.O.B. Destination.

8. Delivery Tickets:

All shipments under this Agreement shall be accompanied by a signed delivery ticket or sales slip which contains the following required information:

- a. Name of contractor
- b. Blanket Purchase Agreement number: **B3-1129-NTLX**
- c. Date of purchase order
- d. Description of equipment/supplies furnished
- e. Quantity, unit price and extension of each line item less applicable discounts
- f. Date of delivery or shipment

9. Invoices:

The contractor shall invoice on an as incurred basis. Each invoice shall be based on the delivery tickets and invoices for the month. Invoices shall include all deliveries made during the billing period for which payment has not been received. Invoices shall be submitted to the following address:

Environmental Protection Agency
HQ Financial Service Division
Mail Code: 2734R
1200 Pennsylvania Ave.
Washington, DC 20460

10. Applicability of Federal Supply Schedule (FSS):

N/A

11. Applicable Clause:

The following clause is incorporated by reference and shall have the same force and effect as if given in full text:

52.213-1 - Fast Payment Procedures (FEB 1998)

To obtain electronic access to the full text clause, the contractor is encouraged to go to [http:// www.arnet.gov/far/](http://www.arnet.gov/far/) and click on the Federal Acquisition Regulation (FAR) link.

12. Incorporated Documents:

The following documents are incorporated herein and made a part of this Agreement:

- a. Contractor's Offer dated July 30, 2003
- b. Attachment 1- Authorized Personnel Listing

Signatures:

David Trautwein
Regional Sales Manager
Zellweger Analytics

Date: _____

Margie H. Weathers
Contracting Officer
U.S. Environmental Protection Agency

Date: _____

Attachment 1
Authorized Personnel Listing

The following individuals are authorized to place orders against BPA No.B3-1129-NTLX.
Personnel authorized to place orders may change throughout the term of this Agreement:

Raoul Scott
Office of Acquisition Management
Superfund/RCRA Service Center
1300 Pennsylvania Avenue, NW
Washington, DC 20460
Mail Code: 3805R
(202) 564-5752

Margie Weathers
Office of Acquisition Management
Superfund/RCRA Service Center
1300 Pennsylvania Avenue, NW
Washington, DC 20460
Mail Code: 3805R
(202) 564-4443

Tanya Hoston
Office of Acquisition Management
Superfund/RCRA Service Center
1300 Pennsylvania Avenue, NW
Washington, DC 20460
Mail Code: 3805R
(202) 564-0996

Robert Edgeton
Office of Acquisition Management
Superfund/RCRA Service Center
1300 Pennsylvania Avenue, NW
Washington, DC 20460
Mail Code: 3805R
(202) 564-2776

Carolyn Rossmann
Office of Acquisition Management
Superfund/RCRA Service Center
1300 Pennsylvania Avenue, NW
Washington, DC 20460

Mail Code: 3805R
(202) 564-2669

Lenee Morina
Office of Acquisition Management
Superfund/RCRA Service Center
1300 Pennsylvania Avenue, NW
Washington, DC 20460
Mail Code: 3805R
(202) 564-4720

Christine Edwards
Office of Acquisition Management
Superfund/RCRA Service Center
1300 Pennsylvania Avenue, NW
Washington, DC 20460
Mail Code: 3805R
(202) 564-2182

ANY Warranted EPA Contracting Officer

ANY WARRANTED EPA PERSONNEL with Purchase Card Authority

Contractors listed below on START, ERRS, REAC, ERTTP and ER Warehouse Contracts:

**SUPERFUND TECHNICAL ASSESSMENT & RESPONSE TEAM (START)
CONTRACTS**

REGION 1

1. Contractor: Roy F. Weston, Inc.
Contract Number: 68-W-00-097
Contractor's Point of Contact: Mark McDuffee, Program Manager/Team Leader

2. Contractor: Joint Venture - Planners Collaborative, Inc., & Resources
Applications, Inc.
Contract Number: 68-R1-01-01
Contractor's Point of Contact: Ron Sharpin, Program Manager

REGION 2

1. Contractor: Weston Solutions, Inc.
Contract Number: 68-W-00-113

Contractor's Point of Contact: Carl Kelley, Program Manger

2. Contractor: Weston Solutions, Inc.
Contract Number: 68-W-00-121
Contractor's Point of Contact: Scott Butterfield, Project Manager

3. Contractor: Environmental Compliance, Inc.
Contract Number: 68-S2-00-07
Contractor's Point of Contact: John Jimenez, Program Manager

REGION 3

1. Contractor: Tetra Tech
Contract Number: 68-S3-00-02
Contractor's Point of Contact: Bill Hagel, Program Manger

2. Contractor: Ecology & Environment (E&E)
Contract Number: 68-S3-00-01
Contractor's Point of Contact: Drew Wojtanik

REGION 4

1. Contractor: Tetra Tech EM, Inc.
Contract Number: 68-W-00-120
Contractor's Point of Contact: Steve Pierce, Program Manager

2. Contractor: Roy F. Weston, Inc.,
Contract Number: 68-W-00-123
Contractor's Point of Contact: Ray Doyle, Program Manager

REGION 5

1. Contractor: Tetra Tech
Contract Number: 68-W-00-129
Contractor's Point of Contact: Tom Kouris, Team Leader

2. Contractor: Roy F. Weston, Inc.
Contract Number: 68-W-00-119
Contractor's Point of Contact: Dean Geers, Team Leader

REGION 6

1. Contractor: Roy F. Weston, Inc.
Contract Number: 68-W-01-005

Contractor's Point of Contact: Robert B. Beck, Program Manager

REGION 7

1. Contractor: Tetra Tech EM Inc.
Contract Number: 68-S7-01-41
Contractor's Point of Contact: Hieu Vu, Team Leader Contractor:

REGION 8

1. Contractor: URS Operating Services
Contract Number: 68-W-99-118
Contractor's Point of Contact: Thomas F. Staible, Team Leader

REGION 9

1. Contractor: Ecology & Environment, Inc.
Contract Number: 68-W01-012
Contractor's Point of Contact: Thompson Chambers, Project Manager

REGION 10

1. Contractor: Ecology & Environment, Inc.
Contract Number: 68-S0-01-01
Contractor's Point of Contact: Dhroov Shivjiani, Program Manager
2. Contractor: Roy F. Weston, Inc.
Contract Number: 68-S0-01-02
Contractor's Point of Contact: Frank Monahan, Program Manager
3. Contractor: Herrera Environmental Consultants
Contract Number: 68-S0-01-03
Contractor's Point of Contact: Carlos E. Herrera, President

RESPONSE ENGINEERING & ANALYTICAL CONTRACT (REAC)

1. REAC Contractor: Lockheed Martin/REAC
Contract Number: 68-C-99-223
Contractor's Point of Contact: Dennis Miller, Acting Project Manager

ENVIRONMENTAL RESPONSE TRAINING PROGRAM CONTRACT (ERTP)

1. ERTP Contractor: Tetra Tech NUS, Inc.
Contract Number: 68-C7-0033
Contractor's Point of Contact: Michael Gibbons, Program Manager

EMERGENCY AND RAPID RESPONSE SERVICES CONTRACTS (ERRS)

REGION 1

1. Contractor: The IT Group
Contract Number: 68-R1-98-01
Contractor's Point of Contact: Taylor Treat
2. Contractor: Coastal Environmental Corp
Contract Number: 68-S1-00-01
Contractor's Point of Contact: Dan Fenno

REGION 2

1. Contractor: WRS Infrastructure and Environment, Inc.
Contract Number: 68-S2-99-07
Contractor's Point of Contact: Doug Henne
2. Contractor: Earth Tech, Inc
Contract Number: 68-S2-99-08
Contractor's Point of Contact: Joe West
3. Contractor: WRS Infrastructure and Environment, Inc.
Contract Number: 68-S2-99-06
Contractor's Point of Contact: Doug Henning

REGION 3

1. Contractor: The IT Group
Contract Number: 68-S3-00-06
Contractor's Point of Contact: Steve Petty
2. Contractor: Earth Tech, Inc.
Contract Number: 68-S3-00-07
Contractor's Point of Contact: Rodney Swiney
3. Contractor: Guardian Environmental Services, Inc.

Contract Number: 68-S3-99-04
Contractor's Point of Contact: Terry Boos

4. Contractor: ECG Industries, Inc.
Contract Number: 68-S3-99-05
Contractor's Point of Contact: Richard Connell

5. Contractor: Industrial Marine Service, Inc.
Contract Number: 68-S3-99-06
Contractor's Point of Contact: Mike Kelly

REGION 4

1. Contractor: CMC, Inc
Contract Number: 68-S4-02-04
Contractor's Point of Contact: Clay Corman

2. Contractor: Kemron Environmental Services, Inc.
Contract Number: 68-S4-02-05
Contractor's Point of Contact: John Dwyer

3. Contractor: WRS Infrastructure & Environment, Inc.
Contract Number: 68-S2-02-06
Contractor's Point of Contact: Michael Copeland

4. Contractor: Ferguson Harbour Incorporated
Contract Number: 68-S4-02-07
Contractor's Point of Contact: Michael Hextell

REGION 5

1. Contractor: Environmental Quality Management, Inc.
Contract Number: 68-S5-98-01
Contractor's Point of Contact: Jack S. Greber

2. Contractor: Earth Tech, Inc.
Contract Number: 68-S5-98-02
Contractor's Point of Contact: Bob Koentop

3. Contractor: Ferguson Harbour, Inc.
Contract Number: 68-S5-99-21
Contractor's Point of Contact: Michael Hextell

REGION 6

1. Contractor: A&B Environmental Services, Inc
Contract Number: 68-R6-9803
Contractor's Point of Contact: Ram Ramakrishnan
2. Contractor: Environmental Quality Management, Inc.
Contract Number: 68-S6-0201
Contractor's Point of Contact: Jack Greber
3. Contractor: Earth Tech, Inc
Contract Number: 68-S6-0202
Contractor's Point of Contact: Rodney Swiney

REGION 7

1. Contractor: Environmental Restoration, L.L.C
Contract Number: 68-S7-02-04
Contractor's Point of Contact: Dennis Greaney

REGION 8

1. Contractor: Environmental Quality Management, Inc. (EQM)
Contract Number: 68-W-02-072
Contractor's Point of Contact: Jack S. Greber, President
2. Contractor: Environmental Restoration, L.L.C.
Contract Number: 68-W-01-053
Contractor's Point of Contact: Dennis Greaney, President

REGION 9

1. Contractor: Environmental Quality Management, Inc
Contract Number: 68-W-02-016
Contractor's Point of Contact: Jack S. Greber
2. Contractor: Project Resources Inc.
Contract Number: 68-W-02-017
Contractor's Point of Contact: Frank Loscavio

REGION 10

1. Contractor: Environmental Quality Management
Contract Number: 68-S7-01-64

Contractor's Point of Contact: Jack S. Greber

EMERGENCY RESPONSE WAREHOUSE CONTRACTS

REGION 1

1. Contractor: Roy F. Weston, Inc.
Contract Number: 68-W-03-011
Contractor's Point of Contact: Mark McDuffee, Program Manager/Team Leader

REGION 4

1. Contractor: Tetra Tech, EM, Inc.
Contract Number: 68-W-02-79
Contractor's Point of Contact: Steve Pierce, Program Manager

REGION 5

1. Contractor: Tetra Tech
Contract Number: 68-W-03-012
Contractor's Point of Contact: Tom Kouris, Team Leader

REGION 6

1. Contractor: Roy F. Weston, Inc.
Contract Number: 68-W-03-009
Contractor's Point of Contact: Robert B. Beck, Program Manager

REGION 7

1. Contractor: Tetra Tech EM Inc.
Contract Number: 68-W-02-080
Contractor's Point of Contact: Hieu Vu, Team Leader

REGION 8

1. Contractor: URS Operating Services
Contract Number: 68-W-02-081
Contractor's Point of Contact: Thomas F. Staible, Team Leader

REGION 10

1. Contractor: Ecology & Environment, Inc.
Contract Number: 68-W-02-083
Contractor's Point of Contact: Dhroov Shivjiani, Program Manager