

Southwest Research Institute

6220 Culobra Road
San Antonio, TX 78238-5166

Purchase Order: 234064E

Page: 1
Date Printed: 08/01/2002

Order To: ISOTOPE PRODUCTS LABORATORIES
1800 N. KEYSTONE STREET
BURBANK, CA 91504

503250

Ship To: Southwest Research Institute
6220 Culebra Road
San Antonio, TX 78238-5166

Contact: JOHN PAUL PASCARELLI Ph: 661-309-1049 Fax: 661-257-8305

| ORDER DATE | BUYER | TERMS | FOB | SALES ORDER | SHIP VIA | DELIVER TO | | |
|------------|---|--------|----------------|--------------------------------|---------------|-------------------|---------------|---------------|
| 07/24/02 | J. Evans | NET 30 | SHIPPING POINT | | FED. EXP. P-1 | P.BERTETTI/ X5228 | | |
| LINE | ITEM/DESCRIPTION | REV | U/M | DUE DATE | DESIRED DATE | QUANTITY | NET UNIT COST | EXTENDED COST |
| | ***** * CONFIRMATION * * DUPLICATE PO * ***** This is a rated order certified for national defense use, and the Contractor shall follow all requirements of the Defense Priorities Allocations System Regulation (15 CFR Part 700). | | | | | | | |
| 1 | MISC MODEL #7238 PU-238 5 MICROCURIES IN 5 ML FLAME SEALED AMPULE NIST TRACEABLE (+/- 5%) | | EA | 08/31/02 | 08/31/02 | 1.0000 | 2,495.0000 | \$2,495.00 |
| | | | | Req: 600568 | | | | |
| | Prime Contract #: NRC0297009 AOP: 704-000 1.20 | | | Priority: NONE 01402.871 | | | | |
| 2 | MISC MODEL #7239 PU-239 50 MICROCURIES IN 50 ML FLAMED SEALED AMPULE; NIST TRACEABLE (+/- 5%) ; | | EA | 08/31/02 | 08/31/02 | 1.0000 | 2,365.0000 | \$2,365.00 |
| | | | | Batch # 1195.03 Req: 600568 | | | | |
| | Prime Contract #: NRC0297009 AOP: 704-000 1.20 | | | Priority: NONE 01402.871 | | | | |
| | REFERENCE QUOTE NUMBER Q5265 | | | | | | | |
| | THE GENERAL PURCHASE ORDER TERMS AND CONDITIONS ATTACHED ARE MADE A PART OF THIS ORDER. PLEASE SIGN AND RETURN A PHOTOCOPY ACKNOWLEDGING ORDER WITHIN FIVE (5) WORKING DAYS. | | | | | | | |
| | AGREED & ACCEPTED: _____ | | | | | | | |

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| LINE | ITEM/DESCRIPTION | REV | U/M | DUE DATE | DESIRED DATE | QUANTITY | NET UNIT COST | EXTENDED COST |
| | <p>DATE: _____</p> <p>"IF THIS ORDER INCLUDES A GOVERNMENT CONTRACT NUMBER, THEN ANY PROPERTY FURNISHED HEREWITH IS CONSIDERED GOVERNMENT-FURNISHED PROPERTY WHICH MUST BE ACCOUNTED FOR IN ACCORDANCE WITH FAR, PART 45. REFER TO GENERAL PURCHASE ORDER TERMS AND CONDITIONS FOR RISK OF LOSS."</p> <p>Bill To: Southwest Research Institute P.O. Drawer 28510 Attention: Accounts Payable San Antonio, TX 78228-0510</p> <p>_____ Authorized Signatures</p> | | | | | | PO Total Amt: | \$4,860.00 |

Southwest Research Institute

6220 Culebra Road
San Antonio, TX 78238-5166

Purchase Order: 270202N

Order To: CORE LAB
8210 MOSLEY RD.
HOUSTON, TX 77075

506369

Ship To: Southwest Research Institute
6220 Culebra Road
San Antonio, TX 78238-5166

Contact: DON HARVILLE Ph: 713-545-7324 Fax: 713-328-2170

| ORDER DATE | BUYER | TERMS | FOB | SALES ORDER | SHIP VIA | DELIVER TO |
|------------|-------------------|--------|-----|-------------|-----------------|---------------------|
| 08/11/02 | Florence Cisneros | NET 30 | N/A | | FEDERAL EXPRESS | PAUL BERTETTI X5228 |

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|---|--|-----|-----|-----------------------------|--------------|----------|---------------|---------------|
| ***** * CONFIRMATION * ***** This is a rated order certified for national defense use, and the Contractor shall follow all requirements of the Defense Priorities Allocations System Regulation (15 CFR Part 700). | | | | | | | | |
| 1 | SERVICES 01 SERVICE PURCHASE ORDER SAMPLE PICKUP AND PROCESS (1 EA @ \$200.00) | | | 08/21/02 | 08/21/02 | 0.0000 | 0.0000 | \$200.00 |
| | | | | Req: 610198 | | | | |
| | Prime Contract #: NRC0297009 AOP: 705-000 1.20 | | | Priority: NONE 01402.871 | | | | |
| 2 | SERVICES 01 SERVICE PURCHASE ORDER QUANTITATIVE XRD COARSE AND FINE FRACTION/CLAYS (230 EA @ \$270.00) | | | 08/21/02 | 08/21/02 | 0.0000 | 0.0000 | \$62,100.00 |
| | | | | Req: 610198 | | | | |
| | Prime Contract #: NRC0297009 AOP: 705-000 1.20 | | | Priority: NONE 01402.871 | | | | |
| 3 | SERVICES 01 SERVICE PURCHASE ORDER PREPARATION AND DESCRIPTION OF THIN SECTIONS (40 EA @ \$250.00) | | | 08/21/02 | 08/21/02 | 0.0000 | 0.0000 | \$10,000.00 |
| | | | | Req: 610198 | | | | |
| | Prime Contract #: NRC0297009 AOP: 705-000 1.20 | | | Priority: NONE 01402.871 | | | | |

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| LINE | ITEM/DESCRIPTION | REV | U/M | DUE DATE | DESIRED DATE | QUANTITY | NET UNIT COST | EXTENDED COST |
| 4 | SERVICES 01 SERVICE PURCHASE ORDER SEM/EDS ANALYSIS OF LARGE GRAIN SAMPLES (25 EA @ \$280.00) Req: 610198 Prime Contract #: NRC0297009 AOP: 705-000 1.20 | | | 08/21/02 | 08/21/02 | 0.0000 | 0.0000 | \$7,000.00 |
| 5 | SERVICES 01 SERVICE PURCHASE ORDER SORT AND SHIP SAMPLES TO WSU FOR XRF ANALYSES (1 EA @ \$75.00) Req: 610198 Prime Contract #: NRC0297009 AOP: 705-000 1.20 | | | 08/21/02 | 08/21/02 | 0.0000 | 0.0000 | \$75.00 |
| 6 | SERVICES 01 SERVICE PURCHASE ORDER PANEL SUMMARY FOR WELL 02D DELIVER TO: DEPT. OF GEOLOGY WEBSTER BLDG ROOM 1228 WASHINGTON STATE UNIVERSITY PULLMAN, WA 99164-2812 ATTN: DIANE JOHNSON QUALITY AFFECTING PURCHASE | | | 08/21/02 | 08/21/02 | 0.0000 | 0.0000 | \$1,500.00 |

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| 0 11/02 | Florence Cisneros | NET 30 | N/A | | FEDERAL EXPRESS | PAUL BERTETTI X5228 | | |
| LINE | ITEM/DESCRIPTION | REV | U/M | DUE DATE | DESIRED DATE | QUANTITY | NET UNIT COST | EXTENDED COST |
| | PI TO INSPECT PER QAP-016 CNWRA INTERNAL ANALYTICAL STANDARDS INCLUDED. A/P: ROUTE INVOICE(S) THROUGH PAUL BERTETTI FOR APPROVAL. Req: 610198 Prime Contract #: NRC0297009 Priority: NONE AOP: 705-000 1.20 01402.871 THE GENERAL PURCHASE ORDER TERMS AND CONDITIONS ATTACHED ARE MADE A PART OF THIS ORDER. PLEASE SIGN AND RETURN A PHOTOCOPY ACKNOWLEDGING ORDER WITHIN FIVE (5) WORKING DAYS. AGREED & ACCEPTED: _____ DATE: _____ "IF THIS ORDER INCLUDES A GOVERNMENT CONTRACT NUMBER, THEN ANY PROPERTY FURNISHED HERewith IS CONSIDERED GOVERNMENT-FURNISHED PROPERTY WHICH MUST BE ACCOUNTED FOR IN ACCORDANCE WITH FAR, PART 45. REFER TO GENERAL PURCHASE ORDER TERMS AND CONDITIONS FOR RISK OF LOSS." SERVICES RENDERED BY SELLER FOR INSTITUTE AND SELLER'S AND INSTITUTE'S RESPECTIVE RELATIONSHIP IN ALL MATTERS RELATED TO THIS PURCHASE ORDER SHALL BE AS INDEPENDENT CONTRACTOR AND NOT AS EMPLOYEE, AGENT OR SERVANT. SELLER SHALL OBEY ALL FEDERAL, STATE, AND LOCAL SAFETY AND HEALTH REGULATIONS IN THE PERFORMANCE OF THE SERVICES TO BE SUPPLIED HEREUNDER, AND WHILE ON THE PREMISES OF THE INSTITUTE. SELLER HEREBY AGREES TO FOREVER RELEASE & HOLD HARMLESS | | | | | | | |

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| 01/02 | Florence Cisneros | NET 30 | N/A | | FEDERAL EXPRESS | PAUL BERTETTI X5228 | | |
| LINE | ITEM/DESCRIPTION | REV | U/M | DUE DATE | DESIRED DATE | QUANTITY | NET UNIT COST | EXTENDED COST |
| | <p>INSTITUTE FROM ANY & ALL CAUSE OR CAUSES OF ACTION, INCLUDING PERSONAL INJURY, ILLNESS, DEATH, & PROPERTY DAMAGE, COSTS, CHARGES, CLAIMS, DEMANDS, & LIABILITIES OF WHATEVER KIND, NAME OR NATURE, ARISING FROM THE PERFORMANCE OF ANY SERVICES HEREUNDER AND HOWSOEVER THE SAME BE CAUSED; EXCEPT AS A RESULT OF THE SOLE NEGLIGENCE OF THE INSTITUTE.</p> <p>CONTRACTOR INSURANCE - SELLER SHALL COMPLY WITH THE INSURANCE REQUIREMENTS EXHIBIT ATTACHED TO THIS PURCHASE ORDER AND PROVIDE CERTIFICATE OF INSURANCE MEETING THESE REQUIREMENTS PRIOR TO THE START OF WORK. FAILURE TO COMPLY CAN RESULT IN DELAY OF PAYMENT.</p> <p>BY ACCEPTANCE OF THIS PURCHASE ORDER FOR THE PERFORMANCE OF SERVICES REQUIRED, THE SELLER AGREES AND COVENANTS THAT THE FOLLOWING CONDITIONS ARE MET WHEN PROVIDING ANY EMPLOYEE OF SELLER:</p> <p>1. NONE OF SELLER'S EMPLOYEES WHO PROVIDE SERVICES TO BUYER PURSUANT TO THIS PURCHASE ORDER ARE UNAUTHORIZED ALIENS AS DEFINED IN THE IMMIGRATION REFORM AND CONTROL ACT OF 1986; AND</p> <p>2. IF SELLER'S EMPLOYEES ARE FOREIGN NATIONAL WORKERS PRESENT IN THE UNITED STATES UNDER A NONIMMIGRANT VISA CATEGORY THAT CARRIES AUTHORIZATION TO WORK, SELLER WILL FURNISH TO BUYER A COPY OF THE APPROPRIATE WORK AUTHORIZATION DOCUMENT FOR EACH FOREIGN NATIONAL WORKER VERIFYING THE WORK AUTHORIZATION, INCLUDING BUT NOT LIMITED TO COPY OF EMPLOYMENT AUTHORIZATION DOCUMENT, APPROVED FORM I-797 AND CERTIFIED LABOR CONDITION APPLICATION, OR OTHER ACCEPTABLE DOCUMENTATION. SUCH EMPLOYEES WILL ONLY BE UTILIZED TO PERFORM SERVICES WHICH ARE NOT EXPORT</p> | | | | | | | |

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|------|---|-----|-----|----------|--------------|----------|---------------|---------------|
| | CONTROLLED; AND | | | | | | | |
| | 3. ALL OF SELLER'S EMPLOYEES WHO ARE TO PERFORM SERVICES WHICH ARE EXPORT CONTROLLED SHALL BE UNITED STATES CITIZENS OR LEGAL PERMANENT RESIDENTS OF THE UNITED STATES. | | | | | | | |
| | Bill To: Southwest Research Institute P.O. Drawer 28510 Attention: Accounts Payable San Antonio, TX 78228-0510 | | | | | | | |
| | _____ Authorized Signatures | | | | | | | |
| | | | | | | | PO Total Amt: | \$80,875.00 |



PURCHASE REQUISITION

SOUTHWEST RESEARCH INSTITUTE™

DEPARTMENT

REQUISITION DATE

7/18/02

ORDER DATE

PURCHASE ORDER NUMBER

REQ. NO.

610198

SUGGESTED OR PREVIOUS SUPPLIER

Core Lab Petroleum Services

DELIVER TO

PURCHASING SELECTED SUPPLIER

CITY, STATE

6316 Windfern, Houston, TX 77040

SHIP VIA

ATTN:

Don Harville

F.O.B.

SUPPLIER CODE

ATTN

PHONE

713 328-2573

FAX

713 328-2170

TERMS

PHONE

FAX

| LN. | QTY. | UNIT | DESCRIPTION | ORG | PROJECT | ACCT | % | DATE REQUIRED | EST. UNIT PRICE |
|-----|------|------|--|-----|---------|------|-----|---------------|-----------------|
| A | 1 | each | Sample pickup and process | 20 | 01402 | 871 | 100 | ASAP | 200.00 |
| B | 230 | each | Quantitative XRD Coarse and Fine Fraction/clays (\$270 ea) | | | | | | 62,100.00 |
| C | 40 | each | Preparation and description of thin sections (\$250 ea) | | | | | | 10,000.00 |
| D | 25 | each | SEM/EDS analysis of large grain samples (\$260 ea) | | | | | | 7,000.00 |
| E | 1 | each | Sort and ship samples to WSU for XRF analyses | | | | | | 75.00 |
| F | 1 | each | Psanal Summary for Well O2D | | | | | | 1,500.00 |
| | | | <i>Quality-affecting purchase</i> | | | | | | |
| | | | <i>PI To inspect per QAP-016.</i> | | | | | | |
| | | | <i>CNWEA INTERNAL ANALYTICAL STANDARDS INCLUDED.</i> | | | | | | |

INTERNAL NOTES TO BUYER

process ASAP please! Vendor may submit invoices for

SPECIAL INSTRUCTIONS TO SUPPLIER

TOTAL 880,875.00

1. Government Project? YES NO

IF YES, CHECK THE APPROPRIATE PROPERTY TYPE (SEE BACK FOR EXPLANATION OF PROPERTY TYPES)

a G-1 CONSUMABLE

b G-2 DELIVERABLE

c G-3 ACCOUNTABLE / REPORTABLE

d IS GOVT. PROPERTY BEING SENT TO SUPPLIER?

YES

NO

2. QUALITY ASSURANCE? YES NO

Quality affecting purpose

a ASL REQUIRED? YES NO

b Q A CODES:

c INSPECTION CRITERIA

internal analytical standards

BUYER APPROVAL (IF REQUIRED) *Don Harville* 7/19/02

supplied as unknowns. Receipt inspection will compare results to expected results.

3. SOURCING NOTES

IF YOU HAVE SELECTED A BRAND NAME OR PARTICULAR MANUFACTURER, WOULD AN EQUIVALENT BRAND OR PRODUCT ALSO SATISFY YOUR NEED? YES NO

IF YOU HAVE SUGGESTED A SUPPLIER, AND NO OTHER SUPPLIER WILL MEET YOUR NEEDS, PLEASE ATTACH A MEMO OF EXPLANATION.

REQUESTOR'S SIGNATURE: *Paul Bowditch* EXT. NO. **5388**

DEPT. / DIVISION APPROVAL: *English Research* DATE

ADMIN. APPROVAL: _____ DATE

4. REPAIRS

a IS THIS REQ. FOR A REPAIR? YES NO

b IS THE REPAIR ON OR OFF CAMPUS? ON OFF

c IF OFF CAMPUS PROVIDE SHIPPING TICKET

NO. _____

CONTRACT REVIEW APPROVAL

BUYER SIGNATURE

DATE

SEE INSTRUCTIONS ON REVERSE SIDE

Justification for Other Than Full and Open Competition

Date: July 23, 2002
To: Adolph S. Puente
From: Paul Bertetti
Subject: Sole Source Justification
Purchase Requisition No.: 610198
Project No.: 20.01402.871
Recommended Source: Core Lab Petroleum Services

This form must be completed and returned to Purchasing before your Purchase Requisition can be awarded.

1. Is the recommended source the only source you considered?

() Yes (X) No

A. If you checked yes, why didn't you consider any other sources?

B. If you checked no, what other sources did you consider?

There are a number of oil industry oriented geotechnical service companies. Staff at CNWRA have prior experience with Core Lab services and personnel.

How did you determine that the recommended source was the only source?
(Include any market survey conducted, as well as review of technical journals and other sources such as the Thomas Register.)

Why were these other sources ruled out for this purchase?

Core Lab has the facilities to perform quantitative XRD analyses on the large number of samples to be analyzed. They have recent experience and expertise in analyzing zeolite-rich sediments similar to the samples we have supplied.

2. What characteristics does this item/company have that are necessary, and that no other item/company has?

Same as above

Remarks:

The cost of services is low per unit item. The total number of samples to be analyzed results in a high cost.

I certify that this justification is accurate and complete to the best of my knowledge.

Purchase Requisition Requestor:

Paul Bertetti

Southwest Research Institute

6220 Culebra Road
San Antonio, TX 78238-5166

Purchase Order: 270203N

Page: 1
Date Printed: 07/30/2002

Order To: WASHINGTON STATE UNIVERSITY
WASHINGTON STATE UNIVERSITY
P.O. BOX 641027
PULLMAN, WA 99164-7027

504293

Ship To: Southwest Research Institute
6220 Culebra Road
San Antonio, TX 78238-5166

Contact: DIANE JOHNSON Ph: 509-335-1626 Fax: 509-335-7816

| ORDER DATE | BUYER | TERMS | FOB | SALES ORDER | SHIP VIA | DELIVER TO | | |
|---|---|--------|----------------|--------------|--------------|---------------------|---------------|---------------|
| 07/30/02 | Adolfo Puente | NET 30 | SHIPPING POINT | | BEST WAY | PAUL BERTETTI X5228 | | |
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| 1 | SERVICES 01 SERVICE PURCHASE ORDER XRF AND ICP-MS ANALYSES OF ALLUVIUM SAMPLES (40 @ \$85.00 EA) | | | JOB 08/08/02 | 08/08/02 | 1.0000 | 3,400.0000 | \$3,400.00 |
| | Req: 610199 Prime Contract #: NRC0297009 Priority: NONE AOP: 705-000 1.20 01402.871 | | | | | | | |
| 2 | SERVICES 01 SERVICE PURCHASE ORDER LOI DETERMINATIONS (\$5 SAMPLE X40) (LOSS ON INTEGRATION) (40 X \$5/EA) | | | JOB 08/08/02 | 08/08/02 | 1.0000 | 200.0000 | \$200.00 |
| | -QUALITY OFFSETTING PURCHASE -PI TO INSPECT PER QAP-016. -CNWRA INTERNAL ANALYTICAL STANDARDS INCLUDED. Req: 610199 Prime Contract #: NRC0297009 Priority: NONE AOP: 705-000 1.20 01402.871 | | | | | | | |
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| | | | | | | | PO Total Amt: | \$3,600.00 |

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| | San Antonio, TX 78228-0510 | | | | | | | |
| | <hr/> Authorized Signatures | | | | | | | |



PURCHASE REQUISITION

SOUTHWEST RESEARCH INSTITUTE™

DEPARTMENT

| | | | |
|------------------|------------|-----------------------|----------------------|
| REQUISITION DATE | ORDER DATE | PURCHASE ORDER NUMBER | REQ. NO. ✓ 610199 |
|------------------|------------|-----------------------|----------------------|

| | | | |
|--|---------------------|------------------------------|--------------|
| SUGGESTED OR PREVIOUS SUPPLIER GeoAnalytical Laboratory | DELIVER TO | PURCHASING SELECTED SUPPLIER | |
| CITY, STATE Washington State University Pullman, WA | SHIP VIA | | |
| ATTN: Diane Johnson | F.O.B. | SUPPLIER CODE | ATTN |
| PHONE 509 335-1626 | FAX 509 33567816 | TERMS | PHONE FAX |

| LN. | QTY. | UNIT | DESCRIPTION | ORG | PROJECT | ACCT | % | DATE REQUIRED | EST. UNIT PRICE |
|-----|------|------|---|-----|---------|------|-----|---------------|-----------------|
| A | 40 | each | XRF and ICP-MS analyses of alluvium samples (\$85 ea) | 20 | 01402 | 871 | 100 | ABAP | \$3,400.00 |
| B | 40 | each | COI determinations | | | | | | \$ 200.00 |
| | | | <i>Quality affecting purchase</i> | | | | | | |
| | | | <i>PI TO INSPECT per QAP-016.</i> | | | | | | |
| | | | <i>CNWRA INTERNAL ANALYTICAL STANDARDS INCLUDED.</i> | | | | | | |

| | | | |
|--|---|-------|------------|
| INTERNAL NOTES TO BUYER process ASAP please | SPECIAL INSTRUCTIONS TO SUPPLIER samples will be shipped from Core Lab | TOTAL | \$3,600.00 |
|--|---|-------|------------|

| | | | |
|---|--|--|--|
| 1. Government Project? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, CHECK THE APPROPRIATE PROPERTY TYPE (SEE BACK FOR EXPLANATION OF PROPERTY TYPES) a <input type="checkbox"/> G-1 CONSUMABLE b <input type="checkbox"/> G-2 DELIVERABLE c <input checked="" type="checkbox"/> G-3 ACCOUNTABLE / REPORTABLE d IS GOVT. PROPERTY BEING SENT TO SUPPLIER? <input type="checkbox"/> YES <input type="checkbox"/> NO | 2. QUALITY ASSURANCE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <i>Quality affecting purpose</i> a ASL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO b QA CODES: c INSPECTION CRITERIA internal standards included d QA APPROVAL (IF REQUIRED) <i>7/19/2002</i> DATE Compare results with expected results <i>Paul Bertetti</i> | 3. SOURCING NOTES IF YOU HAVE SELECTED A BRAND NAME OR PARTICULAR MANUFACTURER, WOULD AN EQUIVALENT BRAND OR PRODUCT ALSO SATISFY YOUR NEED? <input type="checkbox"/> YES <input type="checkbox"/> NO IF YOU HAVE SUGGESTED A SUPPLIER, AND NO OTHER SUPPLIER WILL MEET YOUR NEEDS, PLEASE ATTACH A MEMO OF EXPLANATION. REQUESTOR'S SIGNATURE <i>Paul Bertetti</i> EXT. NO. 5228 DEPT. / DIVISION APPROVAL <i>English</i> DATE ADMIN. APPROVAL <i>[Signature]</i> DATE | 4. REPAIRS a IS THIS REQ. FOR A REPAIR? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO b IS THE REPAIR ON OR OFF CAMPUS? <input type="checkbox"/> ON <input type="checkbox"/> OFF c IF OFF CAMPUS PROVIDE SHIPPING TICKET NO. _____ |
|---|--|--|--|

| | | | | |
|--------------------------|------|-----------------|------|----------------------------------|
| CONTRACT REVIEW APPROVAL | DATE | BUYER SIGNATURE | DATE | SEE INSTRUCTIONS ON REVERSE SIDE |
|--------------------------|------|-----------------|------|----------------------------------|

Justification for Other Than Full and Open Competition

Date: July 23, 2002
To: Adolph S. Puente
From: Paul Bertetti
Subject: Sole Source Justification
Purchase Requisition No.: 610199
Project No.: 20.01402.871
Recommended Source: GeoAnalytical Laboratory

This form must be completed and returned to Purchasing before your Purchase Requisition can be awarded.

1. Is the recommended source the only source you considered?

Yes No

A. If you checked yes, why didn't you consider any other sources?

We have used WSU GeoAnalytical Lab for several series of analyses (see PR#533224 Aug 00, for example) over the past three years. Upon initial use back in 1999, we reviewed the capabilities and pricing of several other sources. The WSU lab had not only the best pricing, but could perform the analyses in a timely fashion.

B. If you checked no, what other sources did you consider?

How did you determine that the recommended source was the only source?
(Include any market survey conducted, as well as review of technical journals and other sources such as the Thomas Register.)

Why were these other sources ruled out for this purchase?

2. What characteristics does this item/company have that are necessary, and that no other item/company has?

WSU GeoAnalytical Lab has a proven record of timely and accurate XRF and ICP-MS analyses for Div. 20 work. They are free of COI issues and have consistently met QA requirements.


Remarks:

There are no quotes or proposals. The WSU Lab prices and services are publicly available at their web site. The services offered are comprehensive and inexpensive. WSU has agreed to charge SwRI the lower research rate for NRC-supported work.

<http://www.wsu.edu:8080/~geology/Pages/Services/Geolab.html>

I certify that this justification is accurate and complete to the best of my knowledge.

Purchase Requisition Requestor:



Southwest Research Institute

6220 Culebra Road
San Antonio, TX 78238-5166

Purchase Order: 234064E

Page: 1
Date Printed: 07/31/2002

Order To: ISOTOPE PRODUCTS LABORATORIES
1800 N. KEYSTONE STREET
BURBANK, CA 91504

503250

Ship To: Southwest Research Institute
6220 Culebra Road
San Antonio, TX 78238-5166

Contact: JOHN PAUL PASCARELLI Ph: 661-309-1049 Fax: 661-257-8305

| ORDER DATE | BUYER | TERMS | FOB | SALES ORDER | SHIP VIA | DELIVER TO | | |
|---|--|--------|----------------|-----------------------------|---------------|-------------------|---------------|---------------|
| 07/24/02 | J. Evans | NET 30 | SHIPPING POINT | | FED. EXP. P-1 | P.BERTETTI/ X5228 | | |
| LINE | ITEM/DESCRIPTION | REV | U/M | DUE DATE | DESIRED DATE | QUANTITY | NET UNIT COST | EXTENDED COST |
| ***** * CONFIRMATION * ***** This is a rated order certified for national defense use, and the Contractor shall follow all requirements of the Defense Priorities Allocations System Regulation (15 CFR Part 700). | | | | | | | | |
| 1 | MISC MODEL #7238 PU-238 5 MICROCURIES IN 5ML FLAME SEALED AMPULE NIST TRACEABLE (+/- 5%) | | EA | 08/31/02 | 08/31/02 | 1.0000 | 2,495.0000 | \$2,495.00 |
| | | | | Req: 600568 | | | | |
| | Prime Contract #: NRC0297009 AOP: 704-000 1.20 | | | Priority: NONE 01402.871 | | | | |
| 2 | MISC MODEL #7239 PU-239 50 MICROCURIES IN 5ML SCREW TOP V-VIAL NIST TRACEABLE (+/- 5%) BATCH # 1195.03 | | EA | 08/31/02 | 08/31/02 | 1.0000 | 2,365.0000 | \$2,365.00 |
| | | | | Req: 600568 | | | | |
| | Prime Contract #: NRC0297009 AOP: 704-000 1.20 | | | Priority: NONE 01402.871 | | | | |
| | REFERENCE QUOTE NUMBER Q5265 | | | | | | | |
| | THE GENERAL PURCHASE ORDER TERMS AND CONDITIONS ATTACHED ARE MADE A PART OF THIS ORDER. PLEASE SIGN AND RETURN A PHOTOCOPY ACKNOWLEDGING ORDER WITHIN FIVE (5) WORKING DAYS. | | | | | | | |
| | AGREED & ACCEPTED: _____ | | | | | | | |
| | DATE: _____ | | | | | | | |

Southwest Research Institute

6220 Culebra Road
San Antonio, TX 78238-5166

Purchase Order: 234064E

Page: 2
Date Printed: 07/31/2002

Order To: ISOTOPE PRODUCTS LABORATORIES 503250
1800 N. KEYSTONE STREET
BURBANK, CA 91504

Contact: JOHN PAUL PASCARELLI Ph: 661-309-1049 Fax: 661-257-8305

| ORDER DATE | BUYER | TERMS | FOB | SALES ORDER | SHIP VIA | DELIVER TO |
|------------|----------|--------|----------------|-------------|---------------|-------------------|
| C 24/02 | J. Evans | NET 30 | SHIPPING POINT | | FED. EXP. P-1 | P.BERTETTI/ X5228 |

| LINE | ITEM/DESCRIPTION | REV | U/M | DUE DATE | DESIRED DATE | QUANTITY | NET UNIT COST | EXTENDED COST |
|------|---|-----|-----|----------|--------------|----------|---------------|---------------|
| | <p>"IF THIS ORDER INCLUDES A GOVERNMENT CONTRACT NUMBER, THEN ANY PROPERTY FURNISHED HEREWITH IS CONSIDERED GOVERNMENT-FURNISHED PROPERTY WHICH MUST BE ACCOUNTED FOR IN ACCORDANCE WITH FAR, PART 45. REFER TO GENERAL PURCHASE ORDER TERMS AND CONDITIONS FOR RISK OF LOSS."</p> <p>Bill To: Southwest Research Institute P.O. Drawer 28510 Attention: Accounts Payable San Antonio, TX 78228-0510</p> <p>_____ Authorized Signatures</p> | | | | | | | |
| | | | | | | | PO Total Amt: | \$4,860.00 |

Southwest Research Institute

6220 Culebra Road
San Antonio, TX 78238-5166

Purchase Order: 234064E

Page: 1
Date Printed: 07/31/2002

Order To: ISOTOPE PRODUCTS LABORATORIES 503250
1800 N. KEYSTONE STREET
BURBANK, CA 91504

Ship To: Southwest Research Institute
6220 Culebra Road
San Antonio, TX 78238-5166

Contact: JOHN PAUL PASCARELLI Ph: 661-309-1049 Fax: 661-257-8305

| ORDER DATE | BUYER | TERMS | FOB | SALES ORDER | SHIP VIA | DELIVER TO |
|------------|----------|--------|----------------|-------------|---------------|-------------------|
| 24/02 | J. Evans | NET 30 | SHIPPING POINT | | FED. EXP. P-1 | P.BERTETTI/ X5228 |

| LINE | ITEM/DESCRIPTION | REV | U/M | DUE DATE | DESIRED DATE | QUANTITY | NET UNIT COST | EXTENDED COST |
|---|--|-----|-----|----------|--------------|----------|---------------|---------------|
| ***** * CONFIRMATION * ***** This is a rated order certified for national defense use, and the Contractor shall follow all requirements of the Defense Priorities Allocations System Regulation (15 CFR Part 700). | | | | | | | | |
| 1 | MISC MODEL #7238 PU-238 5 MICROCURIES IN 5ML FLAME SEALED AMPULE NIST TRACEABLE (+/- 5%) | | EA | 08/31/02 | 08/31/02 | 1.0000 | 2,495.0000 | \$2,495.00 |
| Req: 600568 Prime Contract #: NRC0297009 Priority: NONE AOP: 704-000 1.20 01402.871 | | | | | | | | |
| 2 | MISC MODEL #7239 PU-239 50 MICROCURIES IN 5ML SCREW TOP V-VIAL NIST TRACEABLE (+/- 5%) BATCH # 1195.03 | | EA | 08/31/02 | 08/31/02 | 1.0000 | 2,365.0000 | \$2,365.00 |
| Req: 600568 Prime Contract #: NRC0297009 Priority: NONE AOP: 704-000 1.20 01402.871 REFERENCE QUOTE NUMBER Q5265 THE GENERAL PURCHASE ORDER TERMS AND CONDITIONS ATTACHED ARE MADE A PART OF THIS ORDER. PLEASE SIGN AND RETURN A PHOTOCOPY ACKNOWLEDGING ORDER WITHIN FIVE (5) WORKING DAYS. AGREED & ACCEPTED: _____ DATE: _____ | | | | | | | | |

Southwest Research Institute

6220 Culebra Road
San Antonio, TX 78238-5166

Purchase Order: 234064E

Page: 2
Date Printed: 07/31/2002

Order To: ISOTOPE PRODUCTS LABORATORIES 503250
1800 N. KEYSTONE STREET
BURBANK, CA 91504

Contact: JOHN PAUL PASCARELLI Ph: 661-309-1049 Fax: 661-257-8305

| ORDER DATE | BUYER | TERMS | FOB | SALES ORDER | SHIP VIA | DELIVER TO | | |
|------------|---|--------|----------------|-------------|---------------|-------------------|---------------|---------------|
| 24/02 | J. Evans | NET 30 | SHIPPING POINT | | FED. EXP. P-1 | P.BERTETTI/ X5228 | | |
| LINE | ITEM/DESCRIPTION | REV | U/M | DUE DATE | DESIRED DATE | QUANTITY | NET UNIT COST | EXTENDED COST |
| | <p>"IF THIS ORDER INCLUDES A GOVERNMENT CONTRACT NUMBER, THEN ANY PROPERTY FURNISHED HEREWITH IS CONSIDERED GOVERNMENT-FURNISHED PROPERTY WHICH MUST BE ACCOUNTED FOR IN ACCORDANCE WITH FAR, PART 45. REFER TO GENERAL PURCHASE ORDER TERMS AND CONDITIONS FOR RISK OF LOSS."</p> <p>Bill To: Southwest Research Institute P.O. Drawer 28510 Attention: Accounts Payable San Antonio, TX 78228-0510</p> <hr/> <p>Authorized Signatures</p> | | | | | | | |
| | | | | | | | PO Total Amt: | \$4,860.00 |

Southwest Research Institute

6220 Culebra Road
San Antonio, TX 78238-5166

Purchase Order: 234064E

Page: 1
Date Printed: 07/25/2002

Order To: ISOTOPE PRODUCTS LABORATORIES
1800 N. KEYSTONE STREET
BURBANK, CA 91504

503250

Ship To: Southwest Research Institute
6220 Culebra Road
San Antonio, TX 78238-5166

Contact: JOHN PAUL Ph: 818-843-7000 Fax: 818-843-6168

| ORDER DATE | BUYER | TERMS | FOB | SALES ORDER | SHIP VIA | DELIVER TO |
|------------|----------|--------|----------------|-------------|---------------|-------------------|
| 07/24/02 | J. Evans | NET 30 | SHIPPING POINT | | FED. EXP. P-1 | P.BERTETTI/ X5228 |

| LINE | ITEM/DESCRIPTION | REV | U/M | DUE DATE | DESIRED DATE | QUANTITY | NET UNIT COST | EXTENDED COST |
|---|--|-----|-----|----------|--------------|----------|---------------|---------------|
| ***** * CONFIRMATION * ***** This is a rated order certified for national defense use, and the Contractor shall follow all requirements of the Defense Priorities Allocations System Regulation (15 CFR Part 700). | | | | | | | | |
| 1 | MISC MODEL #7238 PU-238 5 MICRCURIES IN A 5ML FLAME SEALED AMPULE NIST TRACEABLE | | EA | 08/31/02 | 08/31/02 | 1.0000 | 2,495.0000 | \$2,495.00 |
| Req: 600568 Prime Contract #: NRC0297009 Priority: NONE AOP: 704-000 1.20 01402.871 | | | | | | | | |
| 2 | MISC MODEL #7238 PU-23P 50MICRCURIES IN A 5ML FLAME SEALED AMPULE | | EA | 08/31/02 | 08/31/02 | 1.0000 | 2,365.0000 | \$2,365.00 |
| Req: 600568 Prime Contract #: NRC0297009 Priority: NONE AOP: 704-000 1.20 01402.871 REFERENCE QUOTE NUMBER Q5265 THE GENERAL PURCHASE ORDER TERMS AND CONDITIONS ATTACHED ARE MADE A PART OF THIS ORDER. PLEASE SIGN AND RETURN A PHOTOCOPY ACKNOWLEDGING ORDER WITHIN FIVE (5) WORKING DAYS. AGREED & ACCEPTED: _____ DATE: _____ "IF THIS ORDER INCLUDES A GOVERNMENT CONTRACT NUMBER, THEN ANY | | | | | | | | |

Southwest Research Institute

6220 Culebra Road
San Antonio, TX 78238-5166

Purchase Order: 234064E

Page: 2
Date Printed: 07/25/2002

Order To: ISOTOPE PRODUCTS LABORATORIES 503250
1800 N. KEYSTONE STREET
BURBANK, CA 91504

Contact: JOHN PAUL Ph: 818-843-7000 Fax: 818-843-6168

| ORDER DATE | BUYER | TERMS | FOB | SALES ORDER | SHIP VIA | DELIVER TO |
|------------|----------|--------|----------------|-------------|---------------|-------------------|
| 07/24/02 | J. Evans | NET 30 | SHIPPING POINT | | FED. EXP. P-1 | P.BERTETTI/ X5228 |

| LINE | ITEM/DESCRIPTION | REV | U/M | DUE DATE | DESIRED DATE | QUANTITY | NET UNIT COST | EXTENDED COST |
|------|--|-----|-----|----------|--------------|----------|---------------|---------------|
| | <p>PROPERTY FURNISHED HEREWITH IS CONSIDERED GOVERNMENT-FURNISHED PROPERTY WHICH MUST BE ACCOUNTED FOR IN ACCORDANCE WITH FAR, PART 45. REFER TO GENERAL PURCHASE ORDER TERMS AND CONDITIONS FOR RISK OF LOSS."</p> <p>Bill To: Southwest Research Institute P.O. Drawer 28510 Attention: Accounts Payable San Antonio, TX 78228-0510</p> <p>_____ Authorized Signatures</p> | | | | | | PO Total Amt: | \$4,860.00 |



PURCHASE REQUISITION

SOUTHWEST RESEARCH INSTITUTE

DEPARTMENT

| | | | |
|------------------|------------|-----------------------|----------------------|
| REQUISITION DATE | ORDER DATE | PURCHASE ORDER NUMBER | REQ. NO. Y 600568 |
|------------------|------------|-----------------------|----------------------|

| | | | |
|--|------------|------------------------------|------|
| SUGGESTED OR PREVIOUS SUPPLIER Isotope Products Laboratories | DELIVER TO | PURCHASING SELECTED SUPPLIER | |
| CITY, STATE Valencia, CA 91355 | SHIP VIA | | |
| ATTN: John Paul Pascarella | F.O.B. | SUPPLIER CODE | ATTN |
| PHONE | TERMS | PHONE | FAX |

| LN. | QTY. | UNIT | DESCRIPTION | ORG | PROJECT | ACCT# | % | DATE REQUIRED | EST. UNIT PRICE |
|---|------|------|---|-----|---------|-----------------|-----|---------------|-----------------|
| A | 1 | each | Model #7238, Pu-238, 5 microcuries in a 5-ml flame-sealed ampule, NIST traceable | 20 | 01402 | 20-1162- 871 | 100 | 8/31/02 | \$2,495.00 |
| B | 1 | each | Model #7239, Pu-239, 50 microcuries in a 50-ml flame sealed ampule, NIST traceable (Batch #1195.03) | 20 | 01402 | 20-1162- 871 | 100 | 8/31/02 | \$2,365.00 |
| <p>→ Quality Affecting purchase. NIST Traceable certificate required.</p> <p>HOLD FOR RADIOLOGICAL SAFETY OFFICER</p> <p><i>John Hageman</i></p> | | | | | | | | | |

| | | | |
|--|--|--|--|
| INTERNAL NOTES TO BUYER | | SPECIAL INSTRUCTIONS TO SUPPLIER | |
| <p>SWRI will accept delivery (John Hageman Bldg. 63)</p> <p>1. Government Project? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>IF YES, CHECK THE APPROPRIATE PROPERTY TYPE (SEE BACK FOR EXPLANATION OF PROPERTY TYPES)</p> <p>a <input checked="" type="checkbox"/> G-1 CONSUMABLE</p> <p>b <input type="checkbox"/> G-2 DELIVERABLE</p> <p>c <input type="checkbox"/> G-3 ACCOUNTABLE / REPORTABLE</p> <p>d IS GOVT. PROPERTY BEING SENT TO SUPPLIER?</p> <p><input type="checkbox"/> YES</p> <p><input checked="" type="checkbox"/> NO</p> | | <p>include NIST traceable certificate, RAM license on file</p> <p>2. QUALITY ASSURANCE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>a ASL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>company on ASL</p> <p>b QA CODES:</p> <p>c INSPECTION CRITERIA</p> <p><i>P.E. To inspect on receipt.</i></p> <p>d QA APPROVAL (IF REQUIRED) DATE</p> <p><i>[Signature]</i> 7/10/02</p> | |
| <p>CONTRACT REVIEW APPROVAL</p> <p>DATE</p> <p>BUYER SIGNATURE</p> | | <p>3. SOURCING NOTES</p> <p>IF YOU HAVE SELECTED A BRAND NAME OR PARTICULAR MANUFACTURER, WOULD AN EQUIVALENT BRAND OR PRODUCT ALSO SATISFY YOUR NEED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>IF YOU HAVE SUGGESTED A SUPPLIER AND NO OTHER SUPPLIER WILL MEET YOUR NEEDS, PLEASE ATTACH A MEMO OF EXPLANATION.</p> <p>REQUESTOR'S SIGNATURE: <i>P. Bertetti</i> EXT. NO. 5228</p> <p>DEPT. / DIVISION APPROVAL: <i>E. Pearce</i> DATE 7/9/02</p> <p>ADMIN. APPROVAL: <i>B. Sagar</i> DATE 7/10/02</p> | |
| | | <p>4. REPAIRS</p> <p>a IS THIS REQ. FOR A REPAIR? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>b IS THE REPAIR ON OR OFF CAMPUS? <input type="checkbox"/> ON <input type="checkbox"/> OFF</p> <p>c IF OFF CAMPUS PROVIDE SHIPPING TICKET</p> <p>NO. _____</p> | |
| | | SEE INSTRUCTIONS ON REVERSE SIDE | |



Isotope Products
Laboratories
An Eckert & Ziegler Company

24937 Avenue Tibbitts, Valencia, Ca 91355

Tel(661)309-1049 Fax(661)257-8305

e-mail: jpp@isotopeproducts.com

Quotation #Q5265

DATE: July 2, 2002

ATTN: Paul Bertetti
COMPANY: Southwest Research Institute
PHONE: 210-522-5228
FAX: 210-522-5184

Terms: Net 30 Delivery: 2-3 weeks ARO F.O.B. Burbank, CA.
Quotation Valid for 90 Days

| Item No. | Qty | Description | Price/ea. | Total |
|----------|-----|---|-----------|---------------------------------------|
| 1. | 1 | Model #7238 Pu-238, 5uCi, 5ml Flame Sealed Ampule, NIST traceable (+/-5%) | \$2,495 | \$2,495 |
| 2. | 1 | Model #7239 Pu-239, 50uCi, 5ml Flame Sealed Ampule, NIST traceable (+/-5%) Attached is a copy our technical data sheet fro Batch# 1195.03 | \$2,365 | \$2,265 2,365 <i>FB</i> |
| | | | | |
| | | | | |
| | | NOTE: IPL recommends a copy of the quote to be included with the order. Price does not include freight, handling and insurance charges | | |

CALIBRATION: All sources are manufactured to a precision of ±15% with respect to the customer's specified activity. Unless otherwise stated, NIST Traceable sources have an accuracy of ±5% or lower with respect to the certified measured value and are supplied with a certificate of calibration. Non-Calibrated (Nominal) sources have an accuracy of ±15% with respect to the measured value and are supplied with a nominal data sheet, which characterizes the source.

IPL Returns Policy is as follows: Customers have 60 days from time of original shipment to report a defect, customers then have 30 days from time of report to return defective material. If above conditions are not met, credits will not be issued.

To place an order please contact me at (661) 309-1049

By: *John Paul Pascarelli*

Southwest Research Institute

6220 Culebra Road
San Antonio, TX 78238-5166

Purchase Order: 233822E

Page: 1
Date Printed: 06/14/2002

Order To: ISOTOPE PRODUCTS LABORATORIES
1800 N. KEYSTONE STREET
BURBANK, CA 91504

503250

Ship To: Southwest Research Institute
6220 Culebra Road
San Antonio, TX 78238-5166

Contact: JOHN PAUL Ph: 818-843-7000 Fax: 818-843-6168

| ORDER DATE | BUYER | TERMS | FOB | SALES ORDER | SHIP VIA | DELIVER TO |
|------------|----------|--------|----------------|-------------|---------------|---------------------------|
| 06/13/02 | J. Evans | NET 30 | SHIPPING POINT | | FED. EXP. P-1 | JOHN HAGEMAN, RSO BLDG 63 |

| LINE | ITEM/DESCRIPTION | REV | U/M | DUE DATE | DESIRED DATE | QUANTITY | NET UNIT COST | EXTENDED COST |
|--|---|-----|-----|----------|--------------|----------|---------------|---------------|
| 1 | MISC AM-243, 5 MICRO CURIES IN A 5ML FLAME-SEALED AMPULE, NIST TRACEABLE, MODEL #7243 | | EA | 07/08/02 | 07/08/02 | 1.0000 | 1,495.0000 | \$1,495.00 |
| <p>***** * CONFIRMATION * * DUPLICATE PO * *****</p> <p>This is a rated order certified for national defense use, and the Contractor shall follow all requirements of the Defense Priorities Allocations System Regulation (15 CFR Part 700).</p> <p>Req: 600563</p> <p>Prime Contract #: NRC0297009 Priority: NONE AOP: 704-000 1.20 01402.871</p> <p>PLEASE SHIP FEDEX P1 ON OUR FEDEX ACCOUNT NUMBER 0782-0001-4</p> <p>THE GENERAL PURCHASE ORDER TERMS AND CONDITIONS ATTACHED ARE MADE A PART OF THIS ORDER. PLEASE SIGN AND RETURN A PHOTOCOPY ACKNOWLEDGING ORDER WITHIN 5 WORKING DAYS.</p> <p>AGREED & ACCEPTED: _____</p> <p>DATE: _____</p> <p>SUPPLIER SHALL PROVIDE A CERTIFICATE OF ANALYSIS FOR EACH CHEMICAL(S) SHIPPED. THE CERTIFICATE SHALL PROVIDE EVIDENCE FOR CONFORMANCE TO APPLICABLE SPECIFICATION(S) WITH THE PERCENT OF PURITY AND REFERENCE THE APPROPRIATE LOT/BATCH NUMBER OF THE CHEMICAL(S).</p> <p>Bill To: Southwest Research Institute P.O. Drawer 28510 Attention: Accounts Payable</p> | | | | | | | | |
| | | | | | | | PO Total Amt: | \$1,495.00 |



PURCHASE REQUISITION

SOUTHWEST RESEARCH INSTITUTE™

DEPARTMENT

| | | | |
|------------------|------------|-----------------------|----------------------|
| REQUISITION DATE | ORDER DATE | PURCHASE ORDER NUMBER | REQ. NO. ✓ 600563 |
|------------------|------------|-----------------------|----------------------|

| | | | |
|---|---------------------|------------------------------|--------------|
| SUGGESTED OR PREVIOUS SUPPLIER Isotope Products Laboratories | DELIVER TO | PURCHASING SELECTED SUPPLIER | |
| CITY, STATE Valencia, CA 91355 | SHIP VIA | | |
| ATTN: John Paul Pascarelli | F.O.B. | SUPPLIER CODE | ATTN |
| PHONE 661 309-1049 | FAX 661 257-8305 | TERMS | PHONE FAX |

| LN. | QTY. | UNIT | DESCRIPTION | ORG | PROJECT | ACCT | % | DATE REQUIRED | EST. UNIT PRICE |
|--|------|------|---|-----|---------|------|-----|---------------|-----------------|
| A | 1 | each | Am-243, 5 micro curies in a 5 mL flame-sealed ampule, NIST traceable, Model #7243 | 20 | 01402 | 871 | 100 | 7/8/02 | \$1,495.00 |
| HOLD FOR RADIOLOGICAL SAFETY OFFICER | | | | | | | | | |
| <i>John Hageman</i> | | | | | | | | | |
| Initial delivery to John Hageman, RSO Bldg. 63 extension 2633 | | | | | | | | | |

| | | |
|---|--|---------------------|
| INTERNAL NOTES TO BUYER <i>Quote attached, supplier on ASL</i> | SPECIAL INSTRUCTIONS TO SUPPLIER <i>Include Certificate of analysis</i> | TOTAL \$1,495.00 |
|---|--|---------------------|

| | | | |
|---|---|---|--|
| 1. Government Project? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, CHECK THE APPROPRIATE PROPERTY TYPE (SEE BACK FOR EXPLANATION OF PROPERTY TYPES) a <input checked="" type="checkbox"/> G-1 CONSUMABLE b <input type="checkbox"/> G-2 DELIVERABLE c <input type="checkbox"/> G-3 ACCOUNTABLE / REPORTABLE d IS GOVT. PROPERTY BEING SENT TO SUPPLIER? <input type="checkbox"/> YES <input type="checkbox"/> NO | 2. QUALITY ASSURANCE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <i>quality affecting</i> a ASL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO b QA CODES: <i>on ASL</i> <i>Q51</i> c INSPECTION CRITERIA <i>A. Bertetti To inspect ed. essential!</i> d QA APPROVAL (IF REQUIRED) DATE <i>[Signature]</i> | 3. SOURCING NOTES IF YOU HAVE SELECTED A BRAND NAME OR PARTICULAR MANUFACTURER, WOULD AN EQUIVALENT BRAND OR PRODUCT ALSO SATISFY YOUR NEED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YOU HAVE SUGGESTED A SUPPLIER, AND NO OTHER SUPPLIER WILL MEET YOUR NEEDS, PLEASE ATTACH A MEMO OF EXPLANATION. REQUESTOR'S SIGNATURE: <i>Paul Bertetti</i> EXT. NO. <i>4228</i> DEPT. / DIVISION APPROVAL: <i>English/Pearcy/Budhi Sagar</i> DATE ADMIN. APPROVAL: <i>[Signature]</i> DATE <i>6/14/02</i> | 4. REPAIRS a IS THIS REQ. FOR A REPAIR? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO b IS THE REPAIR ON OR OFF CAMPUS? <input type="checkbox"/> ON <input type="checkbox"/> OFF c IF OFF CAMPUS PROVIDE SHIPPING TICKET NO. _____ |
|---|---|---|--|

| | | | | |
|--------------------------|------|-----------------|------|----------------------------------|
| CONTRACT REVIEW APPROVAL | DATE | BUYER SIGNATURE | DATE | SEE INSTRUCTIONS ON REVERSE SIDE |
|--------------------------|------|-----------------|------|----------------------------------|

FORM PR 1 (8/01)

Southwest Research Institute

6220 Culebra Road
San Antonio, TX 78238-5166

Purchase Order: 233917E

Page: 1
Date Printed: 07/01/2002

Order To: ISOTOPE PRODUCTS LABORATORIES
1800 N. KEYSTONE STREET
BURBANK, CA 91504

503250

Ship To: Southwest Research Institute
6220 Culebra Road
San Antonio, TX 78238-5166

Contact: JOHN PAUL PASCARELLI Ph: 818-843-7000 Fax: 818-843-6168

| ORDER DATE | BUYER | TERMS | FOB | SALES ORDER | SHIP VIA | DELIVER TO |
|------------|----------|--------|----------------|-------------|---------------|---------------------------|
| 07/01/02 | J. Evans | NET 30 | SHIPPING POINT | | FED. EXP. P-1 | JOHN HAGEMAN/B 63/BERTETI |

| LINE | ITEM/DESCRIPTION | REV | U/M | DUE DATE | DESIRED DATE | QUANTITY | NET UNIT COST | EXTENDED COST |
|---|--|-----|-----|----------|--------------|----------|---------------|---------------|
| ***** * CONFIRMATION * ***** This is a rated order certified for national defense use, and the Contractor shall follow all requirements of the Defense Priorities Allocations System Regulation (15 CFR Part 700). | | | | | | | | |
| 1 | MISC MODEL #7237, NP-237 5 MICROCURIES IN 5 ML FLAME SEALED AMPULE, NIST TRACEABLE | | EA | 07/31/02 | 07/31/02 | 2.0000 | 2,685.0000 | \$5,370.00 |
| Req: 600567 Prime Contract #: NRC0297009 Priority: NONE AOP: 704-000 1.20 01402.871 Bill To: Southwest Research Institute P.O. Drawer 28510 Attention: Accounts Payable San Antonio, TX 78228-0510 | | | | | | | | |
| | | | | | | | PO Total Amt: | \$5,370.00 |
| <hr/> Authorized Signatures | | | | | | | | |



PURCHASE REQUISITION

SOUTHWEST RESEARCH INSTITUTE

DEPARTMENT

| | | | |
|------------------|------------|-----------------------|---------------------------|
| REQUISITION DATE | ORDER DATE | PURCHASE ORDER NUMBER | REQ. NO. 600567 |
|------------------|------------|-----------------------|---------------------------|

| | | | |
|--|----------------------------|------------------------------|--------------|
| SUGGESTED OR PREVIOUS SUPPLIER Isotope Products Laboratories | DELIVER TO | PURCHASING SELECTED SUPPLIER | |
| CITY, STATE Valencia, CA 91355 | SHIP VIA | | |
| ATTN: John Paul Pascarelli | F.O.B. | SUPPLIER CODE | ATTN |
| PHONE 661 309-1049 | FAX 661 257-8305 | TERMS | PHONE FAX |

| LN. | QTY. | UNIT | DESCRIPTION | ORG | PROJECT | ACCT | % | DATE REQUIRED | EST. UNIT PRICE |
|--|------|------|---|-----|---------|------|-----|---------------|-----------------|
| A | 2 | each | Model # 2237, Np-237 5 microcuries in 5 mL flame sealed ampule, NIST traceable | 20 | 01402 | 871 | 100 | 7/31/02 | \$2,685.00 |
| *Note for purchasing: PO should be sent soon due to limited product availability. Quote is attached. | | | | | | | | | |

| | | |
|---|--|----------------------------|
| INTERNAL NOTES TO BUYER RSO will accept delivery J. Hageman B. 63 | SPECIAL INSTRUCTIONS TO SUPPLIER include NIST traceable certificate, RAM license on file | TOTAL \$5,370.00 |
|---|--|----------------------------|

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|--|---|--|---|
| 1. Government Project? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, CHECK THE APPROPRIATE PROPERTY TYPE (SEE BACK FOR EXPLANATION OF PROPERTY TYPES) a <input checked="" type="checkbox"/> G-1 CONSUMABLE b <input type="checkbox"/> G-2 DELIVERABLE c <input type="checkbox"/> G-3 ACCOUNTABLE / REPORTABLE d IS GOVT. PROPERTY BEING SENT TO SUPPLIER? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 2. QUALITY ASSURANCE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO a ASL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Company on ASL b QA CODES c INSPECTION CRITERIA d QA APPROVAL (IF REQUIRED) | 3. COURING NOTES IF YOU HAVE SELECTED A BRAND NAME OR PARTICULAR MANUFACTURER, WOULD AN EQUIVALENT BRAND OR PRODUCT ALSO SATISFY YOUR NEED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YOU HAVE SUGGESTED A SUPPLIER AND NO OTHER SUPPLIER WILL MEET YOUR NEEDS, PLEASE ATTACH A MEMO OF EXPLANATION. REQUESTOR'S SIGNATURE: P. Bertorello EXT. NO. 5228 DEPT. / DIVISION APPROVAL: E. Pearcey DATE: 6/28/02 ADMIN. APPROVAL: _____ DATE: _____ | 4. REPAIRS a IS THIS REQ. FOR A REPAIR? <input type="checkbox"/> YES <input type="checkbox"/> NO b IS THE REPAIR ON OR OFF CAMPUS? <input type="checkbox"/> ON <input type="checkbox"/> OFF c IF OFF CAMPUS PROVIDE SHIPPING TICKET NO. _____ |
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|--------------------------|------|-----------------|------|----------------------------------|
| CONTRACT REVIEW APPROVAL | DATE | BUYER SIGNATURE | DATE | SEE INSTRUCTIONS ON REVERSE SIDE |
|--------------------------|------|-----------------|------|----------------------------------|

FORM PR 1 (08/01)



Isotope Products
Laboratories
An Eckert & Ziegler Company

24937 Avenue Tibbitts, Valencia, Ca 91355

Tel(661)309-1049 Fax(661)257-8305

e-mail: jpp@isotopeproducts.com

Quotation #Q5245

DATE: June 24, 2002

ATTN: Paul Bertetti
COMPANY: Southwest Research Institute
PHONE: 210-522-5228
FAX: 210-522-5184

Terms: Net 30 Delivery: 2-3 weeks ARO F.O.B. Burbank, CA.
Quotation Valid for 90 Days

| Item No. | Qty | Description | Price/ea. | Total |
|----------|-----|---|-----------|---------|
| 1. | 2 | Model #7237 Np-237, 5uCi, 5ml Flame Sealed Ampule, NIST traceable (+/-5%) Chemical Form: Neptunium Nitrate in 4M HNO ₃ | \$2,685 | \$5,370 |
| | | | | |
| | | | | |
| | | | | |
| | | NOTE: IPL recommends a copy of the quote to be included with the order. Price does not include freight, handling and insurance charges | | |

CALIBRATION: All sources are manufactured to a precision of ±15% with respect to the customer's specified activity. Unless otherwise stated, NIST Traceable sources have an accuracy of ±5% or lower with respect to the certified measured value and are supplied with a certificate of calibration. Non-Calibrated (Nominal) sources have an accuracy of ±15% with respect to the measured value and are supplied with a nominal data sheet, which characterizes the source.

IPL Returns Policy is as follows: Customers have 60 days from time of original shipment to report a defect, customers then have 30 days from time of report to return defective material. If above conditions are not met, credits will not be issued.

To place an order please contact me at (661) 309-1049

By: *John Paul Pascarelli*
John Paul Pascarelli
Standards Business Manager