

INTEROFFICE CORRESPONDENCE

DATE: October 6, 1994

TO: G. I. Greene, Procurement, Bldg. 080, X8786

FROM: R. T. Ogg, Solar Pond Projects, Bldg. 080, X8608 **RTO**

SUBJECT: SUBCONTRACTOR AUTHORIZATION FOR FIELD LOGISTICS
SUPPORT FOR OPERABLE UNIT 4 PHASE II RFI/RI UNDER TASK
ORDER MTS343780GG3 - RTO-069-94

REF: Peter J. Holland, Engineering-Science, Inc. ltr to Gabriele Greene,
Submittal of Proposal for Field Logistic Support, September 30, 1994

DOE Order: 4700.1

Action: None Required

EG&G Rocky Flats, Inc. (EG&G) and/or Solar Ponds Projects (SPP) have reviewed the subject proposal (see attached) submitted by Engineering-Sciences, Inc. (ES) for Aguirre Engineers, Inc. (Aguirre) as a lower-tier subcontractor in support of the referenced subcontract. At this time EG&G has not definitized the Operable Unit 4 (OU 4) Phase II RFI/RI Field Program relative to scope and schedule requirements. Therefore, based on this uncertainty associated with the field program, EG&G does not believe it is in DOE's or EG&G's best interest to grant approval to ES for Aguirre to support the OU 4 Phase II RFI/RI Project.

If you have any questions or require additional information for this matter, please contact me at your convenience.

pjm

Attachment:
As Stated

cc:
C. Lopez
S. M. Paris
K. L. Ruger
ERPD Records (2)
File

BEST AVAILABLE COPY**ADMIN RECORD**
1101-A-000173

ENGINEERING-SCIENCE, INC. a unit of
PARSONS ENVIRONMENTAL SERVICES, INC.Attachment 1
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1700 Broadway, Suite 000 • Denver, Colorado 80290 • (303) 831-8100 • Fax: (303) 831-5208

September 30, 1994

PHII:093094:01

Ms. Gabriele Greene
Subcontract Administrator
EG&G Rocky Flats, Inc.
Rocky Flats Plant, Bldg. 080
P.O. Box 464
Golden, Colorado 80402-0464

**Subject: Submittal of Proposal for Field Logistic Support
Operable Unit 4 Phase II RFI/RI Requirements Post Closure Assessment
Task Order MTS 343780GG3 Under Master Task Subcontract MTS 225453RR**

Reference: 1) Engineering-Science, Inc. Letter to EG&G Subcontract Administrator, dated July 29, 1994.
2) E&G Rocky Flats, Inc. Transmittal to Engineering-Science, Inc. "Definitization of MTS Task Order Award Number MTS 343780GG3, dated April 29, 1994

Dear Ms. Greene:

In Reference 1, Engineering-Science, Inc. (ES) notified EG&G that it was severing the relationship with Tierra Environmental Consultants, Inc. under the subject contract, and evaluating other local small disadvantaged businesses to perform the scope of work previously identified for Tierra in the Reference 2 negotiated contact. ES has received a proposal from Aguirre Engineers, Inc., an Englewood-based small disadvantaged minority owned business, that we believe serves the MTS contractual and Task Order specific technical goals well.

Therefore, ES is forwarding the Aguirre Engineers, Inc. proposal for your consideration and approval as a replacement subcontractor under the subject contract. Please note that the proposed Aguirre personnel has significant experience at Rocky Flats, as well as strong technical credentials. The cost proposal from Aguirre also represents a reduction in the hourly labor cost budgeted for the field logistics support scope of work.

ES has requested Aguirre Engineers, Inc., complete a REPRESENTATION AND CERTIFICATIONS statement by 4:00pm, October 3, 1994. We will forward the completed REPRESENTATION AND CERTIFICATIONS to you for inclusion in the proposal at that time.

(I:\PROJECTS\1724629\125.WFF\09/30/94)

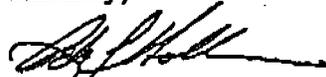


Ms. Gabriele Greene
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Attachment 1
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Implementation of the field program identified in the Final Phase II RFI/RI Work Plan is currently scheduled to begin on October 10, 1994. Your earliest attention to this matter is appreciated. If you have any questions, please contact me directly at 764-8883.

Sincerely,



Peter J. Holland, P.E.
Project Manager, Phase II RFI/RI

cc: R. Ogg, EG&G
S. Paris, EG&G
K. Ruger, EG&G
EG&G Records (2-c/o C. Horne)
F. Mangold, Aguirre Eng., Inc.
R. Wilkinson
M. Anderson
A. Putinsky
Central Files

September 6, 1994

Engineering-Science, Inc.
Parsons Environmental Services, Inc.
1700 Broadway, Suite 900
Denver, CO 80290

Attention: Mr. Richard H. Wilkinson, P.E.

Subject: OU4 Phase II RFI/RI Post Closure Assessment Field Activities Support

Dear Mr. Wilkinson:

Aguirre Engineers, Inc. (AEI), is pleased to have the opportunity to provide field support services to Engineering-Science Inc. (ES). Our proposal to provide a Field Logistics Coordinator follows your instructions as provided in the Request for Proposal (RFP) letter dated 1 September 94.

PERSONNEL

We have proposed Mr. James Langman, a Senior Geologist having extensive relevant experience at Rocky Flats, and is intimately familiar with Operable Unit 4. He has previously held a Q clearance at Rocky Flats (1991-92). Mr. Langman, as an employee of AEI, has agreed to the 100% dedication over the period of performance. His resume is attached for your review.

COST PROPOSAL

The period of performance, as specified in the RFP, is 1 October 94, thru 30 June 95. The Cost Proposal Table reflects a forty hour work week minus federal holidays, vacation and sick leave encountered during this period. The labor rate is fully burdened inclusive of other direct costs such as computer use, photocopying, automobile mileage, and a limited allocation for other unanticipated costs. Travel costs have not been included. Should travel be required, AEI will follow the Federal Travel Regulations as specified. The cost proposal has been prepared under the Work Breakdown Structure Element 1.5.2.1.1.1 (Site Integration). Additionally, AEI request authorization to invoice every two weeks with payment terms of NET 30 days from receipt of said invoice.

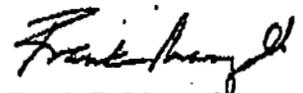
ASSUMPTIONS

Within the RFP Work Scope and Requirements section, a number of inferences to site specific training courses are made. AEI assumes that Mr. Langman will be able to obtain any of the remaining courses in a timely manner to facilitate the startup dates as specified in the RFP. AEI also assumes that labor hours incurred for this training are reimbursable as part of the proposed costs.

AEI believes that Mr. Langman can provide a solid contribution to your project and that he will more than meet the requirements of a Field Logistics Coordinator. We look forward to hearing from you within the next few days.

Very Truly Yours,

AGUIRRE ENGINEERS, INC.



Frank E. Mangold
Environmental Division Manager

Enclosures

JAMES W. LANGMAN, JR., CPG # 6879**EDUCATION**

Colorado School of Mines, Post Graduate Study (1991)
 Oklahoma State University, Post Graduate Study (1989)
 Northern Arizona University, M.S., Geology (1977)
 Allegheny College, B.S., Geology (1968)

Types of Hazardous Waste Experience: Corrective Action, Enforcement and Compliance, Sampling and Analysis, Waste Handling and Storage, Site Characterization, and Quality Assurance.

Total Years of Experience: 21

Years of Hazardous Waste Experience: 6

SCIENTIFIC AND TECHNICAL ACCOMPLISHMENTS

Mr. Langman is a geologist/hydrogeologist with 21 years of experience. His areas of expertise include hydrogeology, site characterization, groundwater monitoring and compliance, well design and installation; underground injection control (UIC) wells; geophysical surveys; vadose zone monitoring and modeling; depositional modeling and contaminant pathway determination; Resource Conservation and Recovery Act (RCRA) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) regulations; technical oversight and preparation of corrective and remedial action documents; and QA/QC. In addition, he has managed and performed technical review of RCRA Groundwater Assessment Plans and Annual Groundwater Monitoring Reports and has written major sections of a DOE facility Groundwater Protection and Monitoring Program Plan as well as sections of an Environmental Protection Implementation Plan and Environmental Monitoring Plan as required by DOE Order 5400.1 General Environmental Protection Program. His management experience includes the supervision of up to 13 staff members and the management of contracts totaling \$14 million per year.

EMPLOYMENT HISTORY

April 1992 to Present: Science Applications International Corporation (SAIC), Denver, Colorado, Technical Support Section Manager and Regional Quality Assurance/Quality Control Coordinator

Mr. Langman is presently the Manager of Technical Support Section and Quality Assurance/Quality Control (QA/QC) Coordinator for the Denver office of SAIC. The office provides technical enforcement support to the U.S. Environmental Protection Agency (EPA) Region VIII office located in Denver, Colorado. In addition to managing the technical staff, he also has been a Work Assignment Manager (WAM) for RCRA and CERCLA assessments, remedial actions, and site investigations. The technical support group is also at the forefront in the initiation of Waste Minimization and Pollution Prevention practices and has developed a training workshop on these issues.

Verified for accuracy by:

James W. Langman, Jr.

Date:

8-22-94

JAMES W. LANGMAN, JR

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PERTINENT EXPERIENCE:

Turtle Mountain Indian Reservation - WAM for Closure Plan review. Project involved performing completeness and technical reviews of operator's Closure Plan as well as preparing a Revised Closure Plan.

Thiokol Chemical Corporation - WAM for the Comprehensive Groundwater Monitoring Evaluation (CME) of the Thiokol, Morton International, and Air Force Plant 78 portions of the site. Prepared Draft Office Evaluation report which evaluated the groundwater monitoring system according to 40 CFR 264 and 265 regulations and identified regulated units, underground injection control (UIC) wells, and Subpart P Thermal Treatment Units.

Syntex Chemicals, Inc. - WAM; evaluated Quality Assurance Project Plan (QAPJP) and Standard Operating Procedures (SOPs) for RFI/CMS corrective actions. Supervised data validation of quarterly sampling data.

Fort Carson Military Installation - WAM for RCRA Facility Assessment (RFA) at Ft. Carson. Included Preliminary Review (PR), Visual Site Inspection (VSI), and preparation of Draft and Final RFA Reports. The RFA ultimately identified 179 solid waste management units (SWMUs) and 36 areas of concern (AOC). The report addressed the complex geology/hydrogeology along the Front Range of Colorado, identified the pathways for contaminant migration, and defined the potential receptors.

Sand Creek Industrial Site - WAM for the Sand Creek Superfund site. Provided technical support during the Remedial Investigation/Feasibility Study (RI/FS). Identified and evaluated remedial technologies to be used to clean up pesticides and metals. Preferred remedy, low temperature thermal treatment (LTTT), was selected over soil washing. Provided evaluation of alternative treatments to remediate groundwater and a Light Non-Aqueous Phase Liquid (LNAPL) plume. Preferred remedy was a combination of alternatives including institutional controls, monitoring, removal of the LNAPL plume, and natural attenuation. Other alternatives that were considered were limited containment of the LNAPL using a cutoff wall and several versions of a pump and treat system. Reviewed the Conceptual Groundwater Model for the site, performed an evaluation of the RemTek database containing all of the soil and groundwater sampling data, and performed the technical review of the Work Plan Remedial Design Report for the Remedial Design/Remedial Action (RD/RA) at the 48th and Holly Landfill.

Air Force Plant PJKS - Prepared the hydrogeologic sections for the Office Evaluation and Final CME reports and participated in the Field Evaluation of Air Force Plant PJKS located adjacent to the Martin Marietta plant. Field activities involved sampling selected groundwater monitoring wells for VOCs, SVOCs, explosives, hydrazine, metals, and nitrate/nitrite.

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J. W. Langman, Jr.
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Koppers Industries Wood Treating Plant - Trained staff for field oversight of installation of alluvial and bedrock groundwater monitoring wells. Reviewed daily and biweekly progress reports.

Powder River Crude Oil Refinery - Reviewed the Field Sampling Plan for the facility.

Flying J Refinery - Reviewed the SAIC SAP and the QAPJP which were used during the CME of the facility. Conducted a review of the Final CME Report.

Unocal Parachute CME - Reviewed the SAIC SAP and the QAPJP which were used during the CME of the facility. Collected 107 groundwater sample splits and an LNAPL groundwater sample. Conducted a review of the Final CME Report.

QA/QC - Regional Quality Assurance/Quality Control Coordinator for SAIC's Region VIII office. Responsible for the implementation and daily operation of the Quality Assurance Program Plan (QAPP) and Document Control System (DCS). Prepared monthly QA Summary reports and performed in-house quarterly audits and annual subcontractor audits.

February 1990 to April 1992: EG&G Rocky Flats, Inc., Golden, Colorado.
Manager of the Hydrogeologic Programs Group

Mr. Langman was the Manager of the Hydrogeologic Programs Group and specialized in the areas of hydrogeologic characterizations, groundwater monitoring, RCRA and CERCLA regulations, and preparation of corrective and remedial action documents. He ensured all sampling activities were performed in compliance with the Quality Assurance Program Plan (QAPP), Quality Assurance Project Plan (QAPJP), and EPA approved standard operating procedures (SOPs). Mr. Langman supervised a staff of up to 13 professionals; administered and negotiated contracts; prepared budgets; and made presentations to corporate management, DOE, EPA, CDII, and the public.

PERTINENT EXPERIENCE:

Rocky Flats Plant

- Prepared the geologic and hydrogeologic characterization for the Rocky Flats Plant and developed the conceptual geologic model.
- Developed the vadose sampling program for the Sewage Treatment Plant sludge drying beds.
- Prepared SOPs for environmental field activities such as drilling, installing, and testing groundwater monitoring wells and handling environmental wastes.

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- Ensured compliance with RCRA regulations for groundwater monitoring per 40 CFR 265, Subpart F.
- Evaluated the groundwater monitoring program in order to reduce sampling costs. This involved determining whether wells should be abandoned and replaced and what their sampling frequency and priority should be.
- Prepared the Groundwater Protection and Monitoring Program Plan and wrote sections of other plans as required by DOE Order 5400.1, General Environmental Protection Program.
- Prepared the Scope of Work and managed the \$4.8 million Phase II Geologic Characterization of the Rocky Flats Plant. The characterization included acquiring 17,000 feet of high resolution shallow seismic data and 14 miles of deep seismic data, drilling 40 boreholes, installing 20 monitoring wells, running numerous packer and pump tests, and preparing a detailed surface geologic map and report covering a 50 square mile area, which includes the Plant and the immediate vicinity.

August 1989 to January 1990: Advanced Sciences, Inc. (ASI), Lakewood, Colorado
Contract Employee

Mr. Langman was a contract employee hired solely to prepare the Draft Geologic Characterization of the Rocky Flats Plant.

PERTINENT EXPERIENCE:

Rocky Flats Plant - The task involved the interpretation of all stratigraphic, structural, hydrogeologic, and geophysical information in order to develop a conceptual geologic model. The model has been used to determine the pathways for groundwater flow and contaminant migration, the rates of flow, and the areas that may need interim remedial actions. It has also been used to identify the locations and subsurface intervals where monitoring wells should be installed in order to sample in compliance with RCRA regulations.

January 1985 to August 1989: Summit Resources, Inc., Littleton, Colorado
Sedimentologist and Structural Geologist

Mr. Langman served as a sedimentologist and structural geologist providing technical support to the energy industry throughout the Rocky Mountain, south Texas, and West Coast regions. His responsibilities included performance of basin assessments, preparation of depositional models, mapping of structural anomalies, interpretation of geophysical data, and preparation of economic analyses.

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J. W. Langman, Jr.
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PERTINENT EXPERIENCE:

SUMMIT RESOURCES, INC. - Made stratigraphic and structural interpretations of sedimentary basins in the Rocky Mountains, south Texas, northern California, and southern Alaska.

- Prepared depositional models based on well logs, cores, and geotechnical data.
- Performed economic analyses of client programs and presented evaluations to their corporate management.

November 1973 to October 1984: Natural Gas Corporation of California (NGC), Denver, Colorado. Sr. Staff Geologist, Manager of Operations, and Chief Exploration Geologist

Mr. Langman served as Senior Staff Geologist, Manager of Operations, and Chief Exploration Geologist during the eleven years he was with NGC. He was responsible for developing oil and gas reserves in the Rocky Mountain region, the West Coast, and Alaska. He supervised a staff of up to eight professionals and was tasked with their training and professional development. Mr. Langman administered contracts and budgets in excess of \$5 million and reported to corporate management and the California Public Utilities Commission on the progress of the contracts every 6 months.

PERTINENT EXPERIENCE:

Natural Gas Corp. of California - Supervised oil and gas exploration group comprised of up to eight professionals. Responsible for their training and professional development. Prepared wellsite manual containing the procedures for geologic and operational practices at the wellsite.

- Responsible for generating exploration prospects based on stratigraphic and structural interpretations made from geophysical, geotechnical, well log, core, and petrophysical information.
- Supervised geologic mapping crews in Utah and Montana.
- Administered contracts and prepared budgets in excess of \$5 million.
- Made frequent presentations to corporate management and regulators on a 6 month basis. Acted as an expert witness in hearings before state energy boards.

Verified for accuracy by:

James W. Langman, Jr.
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Date: 8-22-94

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JAMES W. LANGMAN, JR

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SECURITY CLEARANCE

Q Clearance: July 1991 to April 1992.
Current Status: Terminated per standard practice at end of EG&G employment.

CERTIFICATION/TRAINING

AIPG Certified Professional Geologist #6879.
40 hour OSHA Health and Safety training - August 11, 1989.
Current 8 hour OSHA refresher training expires - April 21, 1995.
8 hours Supervisors and Managers training - February 5, 1993

PUBLICATIONS

Langman, J. W., Jr., 1985, Parautochthonous Core-Thrusted Kink Folds and Chronologic Sequence of Thrusting, LaBarge Platform, Sublette County, Wyoming (abs.): AAPG Bulletin, v. 69, p. 853-854.
Langman, J. W., Jr., Lewis, B. R., Folger, P. F., and Arndt, M. B., 1990, Development and Importance of Geologic Models in Ground Water Monitoring, in Proceedings of the International Topical Meeting on Nuclear and Hazardous Waste Management Spectrum '90: American Nuclear Society, p. 85-90.

AFFILIATIONS

Member, American Association of Petroleum Geologists.
Member, American Institute of Professional Geologists.
Member, Rocky Mountain Association of Geologists.

Verified for accuracy by: J. W. Langman, Jr. Date: 8-22-94
James W. Langman, Jr.

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