AGREEMENT TO FURNISH ENGINEERING SERVICES

FOR THE REVISION OF CALIFORNIA

STREET LANDFILL REPORT OF

DISPOSAL SITE INFORMATION

This AGREEMENT is made and entered into as of this 16th day of January, 1991,

by and between City of Redlands Municipal Utilities Department herein after referred to as "OWNER"

and Kleinfelder, Inc. hereinafter referred to as "ENGINEER"

In consideration of the mutual promises, covenants and conditions hereinafter set forth, the parties do hereby agree as follows:

ARTICLE 1 - ENGAGEMENT OF THE ENGINEER

1.1 The OWNER hereby engages the ENGINEER and the ENGINEER hereby accepts the engagement to perform engineering services in connection with the preparation of the revision of California Street Landfill Report of Disposal Site Information.

1.2 All services under this AGREEMENT shall be done in a professional manner, and ENGINEER represents that the firm employs those with the demonstrated skill and the professional expertise necessary to provide high quality services under this AGREEMENT.

1.3 The ENGINEER shall be responsible, to the level of competency presently maintained by other practicing professional engineers providing the same type of services for the professional and technical soundness, accuracy and adequacy of all reports, designs, drawings, specifications, and other services and materials furnished under this AGREEMENT.

ARTICLE 2 - SERVICES OF THE ENGINEER

2.1 The ENGINEER will perform the services in connection with the Project as defined in Attachment A, Scope of Work.

2.2 The following additional services may be provided by the ENGINEER when requested and approved by the OWNER in writing:

1. Construction survey.
2. Additional copies of plans and specifications.
3. Bidding services.
4. Construction services.
5. Construction inspection services.
6. Miscellaneous services not specified elsewhere in the AGREEMENT.

ARTICLE 3 - RESPONSIBILITIES OF THE OWNER

3.1 The OWNER will place at the disposal of the ENGINEER all available information pertinent to the Project, including previous reports and any other data relative to the Project.

3.2 The OWNER will provide access to and make all provisions for the ENGINEER to enter upon public and private lands as required for the ENGINEER to perform his services under this AGREEMENT.

3.3 The OWNER will provide all environmental assessments or impact reports required for this project and not otherwise specifically required to be provided by the ENGINEER.

3.4 The OWNER will designate in writing a person to act as the OWNER's representative with respect to the services to be performed under this Agreement, such person to have complete authority to transmit instructions, receive information, interpret and define the Owner's policies and decisions with respect to materials, equipment, elements and systems pertinent to the services covered by this AGREEMENT.

ARTICLE 4 - PERIOD OF SERVICE

4.1 The ENGINEER shall proceed with the engineering services set forth in Article 2 in accordance with the schedule defined in Attachment A.

4.2 The ENGINEER shall proceed with the services under this AGREEMENT promptly and will prosecute them diligently.

ARTICLE 5 - PAYMENTS TO THE CONSULTANT

5.1 For the services performed under Article 2, OWNER will pay the ENGINEER on a time and materials basis at the hourly rates shown in Attachment C. Schedule of Fees. However, total payment shall not exceed $25,014.

5.2 Payment for additional services requested by the OWNER per Article 2.2 will be in accordance with a separately negotiated fee or in accordance with the hourly fees shown in Attachment C. Schedule of Fees.

5.3 ENGINEER agrees that at the point 75-percent of budgeted costs have been expended for each scope project, the ENGINEER will notify the OWNER in writing, including a brief report on job status, percent complete, analysis of budget, and envisioned expenses to complete the contractual effort. Budgets shall not be exceeded except if previously approved by OWNER.

5.4 The ENGINEER shall bill the OWNER monthly by submitting an invoice indicating the services performed, who performed the services, and the detailed cost of all services including backup material, if requested.

Payments by OWNER to ENGINEER shall be made within 30 days after receipt and approval of ENGINEER'S herein-above invoice, by warrant payable to the ENGINEER.

All notices, bills and payments shall be made in writing and may be given by personal delivery or by mail. Notices, bills and payments sent by mail should be addressed as follows:

TO OWNER:
CITY OF REDLANDS
Municipal Utilities Department
P. O. Box 3005
2 E. Citrus Avenue
Redlands CA 92373

TO ENGINEER:
KLEINFELDER, INC.
1370 Valley Vista Drive
Suite 150
Diamond Bar CA 91765

When so addressed, such notices shall be deemed given upon deposit in the United States Mail. In all other instances, notices, bills and payments shall be deemed given at the time of actual delivery. Changes may be made in the names and addresses of the person to whom notices, bills and payments are to be given by giving notice pursuant to this paragraph.

ARTICLE 6 - INSURANCE AND INDEMNIFICATION

6.1 ENGINEER shall maintain worker's compensation insurance and, in addition, shall maintain insurance to protect OWNER from claims for damage due to bodily injury, personal injury, or death and claims for injury to or destruction of tangible property while performing the services covered by this AGREEMENT. Said public liability and property damage insurance shall be in a minimum combined single limit of $1,000,000 per occurrence. The OWNER shall be named a primary additional insured on insurance coverage for public liability and property damage. The ENGINEER shall provide OWNER with a certificate evidencing such insurance coverage.

6.2 ENGINEER agrees to maintain professional liability insurance pursuant to this paragraph to protect OWNER from negligent acts, errors or omissions of a professional nature; the total aggregate of ENGINEER'S professional liability insurance coverage shall be a minimum of $50,000 or the Engineer's total estimated fee, as shown in Attachment C: Project Budget, whichever is greater.

6.3 ENGINEER agrees to indemnify, hold harmless and defend OWNER and any and all of their elected officials, officers, agents, engineers, and employees from and against all claims, loss, damage, charge or expense, to which they or any of them may be put or subjected to arising out of or resulting from any willful misconduct or negligent act or actions, omission or failure to act on the part of the ENGINEER, his contractors, his suppliers, anyone directly or indirectly employed by any of them or anyone for whose acts or omissions any of them may be liable in the performance of the services described in this AGREEMENT.

ARTICLE 7 - GENERAL CONSIDERATIONS

7.1 In the event of any legal action brought by either party against the other to enforce any of the obligations hereunder or arising out of any dispute concerning the terms and conditions hereby created, the losing party shall pay the prevailing party such reasonable amounts for fees, costs, expenses, including attorney's fees, as may be set by the Court.

7.2 The ENGINEER shall not sublet or assign any of the services covered by this AGREEMENT, except with the prior written approval of the OWNER and in strict compliance with the terms, provisions, and conditions of the AGREEMENT.

7.3 The key ENGINEER'S personnel proposed for this project are as follows:

Russ Erbes, P.E. - Principal in Charge
Douglas M. Isbell, P.E. - Project Director/Manager
Michael R. Perry - Deputy Project Manager

ENGINEER agrees that these key people will be made available and assigned to the OWNER'S project, and that they will not be replaced without concurrence from the OWNER.

7.4 It is understood and agreed by and between the parties that all documents, records, drawings, designs and specifications, cost estimates, and other project documents developed by the ENGINEER pursuant to this AGREEMENT shall become the property of OWNER and shall be delivered to OWNER upon completion of services. Any reuse of such documents for other projects and any use of incomplete documents will be at the OWNER's sole risk.

7.5 ENGINEER is for all purposes an independent contractor. All qualified personnel provided by ENGINEER pursuant to the provisions of this AGREEMENT are to be employed by ENGINEER for his account only, and in no event shall ENGINEER or any personnel retained by him be deemed to have been employed by the OWNER or engaged by the OWNER for the account of or on behalf of the OWNER.

7.6 Unless earlier terminated as stipulated below, this agreement shall terminate upon completion and acceptance by the OWNER of all services approved for performance under Article 2 of this AGREEMENT.

7.7 This AGREEMENT may be terminated in writing by either party in the event of failure by the other party to fulfill its obligations under this AGREEMENT through no fault of the terminating party: PROVIDING, that no such termination may be effected unless the other party is given (1) not less than thirty (30) calendar days written notice (delivered by certified mail, return receipt requested) of intent to terminate, and (2) an opportunity for consultation with the terminating party prior to termination.

7.8 If this AGREEMENT is terminated by the OWNER for reasons of default by the ENGINEER, an adjustment to ENGINEER'S compensation shall be made, but (1) no amount shall be allowed for anticipated profit or unperformed services,

and (2) any payment due to the ENGINEER at the time of termination may be adjusted to the extent of any additional costs to the OWNER occasioned by the ENGINEER'S default. If termination for default is effected by the ENGINEER, the adjustment in compensation shall provide for payment to the ENGINEER to include a reasonable profit for services rendered and reimbursement for expenses incurred prior to the termination, in addition to termination settlement costs reasonably incurred by the ENGINEER relating to commitments which had become firm and approved by OWNER prior to the termination.

7.9 Upon receipt of a termination notice, the ENGINEER shall (1) promptly discontinue all services affected (unless the notice directs otherwise), and (2) deliver or otherwise make available to the OWNER, copies of data, design calculations, drawings, specifications, reports, estimates, summaries, and such other information and materials as may have been accumulated by the ENGINEER in performing services under this AGREEMENT.

7.10 ENGINEER shall maintain books and accounts of all project related payroll costs and all expenses and incidental expense. Books shall be available at all reasonable times for examination by the OWNER at the office of the ENGINEER.

7.11 This AGREEMENT, including attachments incorporated herein by reference, represents the entire AGREEMENT and understanding between the parties and any negotiations, proposals or oral agreements are intended to be integrated herein and to be superseded by this written AGREEMENT. Any supplement or amendment to this AGREEMENT to be effective shall be in writing and signed by the OWNER and ENGINEER.

7.12 This AGREEMENT is to be governed by and construed in accordance with the laws of the State of California.

IN WITNESS WHEREOF, duly authorized representatives of the parties have signed in confirmation of this AGREEMENT.

CITY OF REDLANDS

By _____
SEONG (SAM) KIM
Utilities Director

KLEINFELDER, INC.

By _____
DOUGLAS M. ISBELL
Engineering Manager

ATTACHMENT A

PROPOSAL TO PERFORM
RDSI REVISION FOR THE CITY OF REDLANDS
CALIFORNIA STREET LANDFILL

PROPOSAL TO PERFORM
RDSI REVISION FOR THE CITY OF REDLANDS
CALIFORNIA STREET LANDFILL

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FIGURES

1 INTRODUCTION

1.1 Project Description

The California Street landfill operated by City of Redlands is a Class III sanitary landfill located at the northern end of California Street in City of Redlands (City). The landfill is operated under Solid Waste Facility Permit No. 36-55-017 issued by the County of San Bernardino Department of Health Services as the local enforcement agency (LEA) for the California Integrated Waste Management Board (CIWMB). Because of significant changes in the landfill operation the LEA has determined that the current permit for the landfill is no longer valid; and consequently, the LEA has requested the City to prepare and submit a new Report of Disposal Site Information (RDSI) in accordance with Title 14 of California Code of Regulations.

Kleinfelder has prepared this proposal at the request of the City to provide engineering services to prepare an RDSI for the California Street Landfill for submission to the LEA and the CIWMB.

1.2 Project Understanding

This section presents our understanding of the regulatory process of updating a solid waste facility permit and the permit status of California Street Landfill. The process of updating a solid waste facility permit is normally initiated every five years through the preparation and certification of a Periodic Site Review (PSR) by a registered civil engineer for submission to the CIWMB through the LEA. According to the CIWMB, the purpose of the PSR is to ensure that all conditions at a landfill have been evaluated with respect to the environment and public health and safety. The engineer is to make recommendations to enhance site conditions based on conclusions developed during the review.

Kleinfelder understands that IT Corporation prepared a combined RDSI and five (5) Year Engineering Review of the facility in November 1988. The combined document has been reviewed by the LEA and CIWMB and has been found to be deficient. Results of a meeting between the City of Redlands, Kleinfelder, and the LEA on September 25, 1990, resulted in a recommendation from the LEA that the City revise the RDSI prepared in November 1988. It

was further recommended that the RDSI be focused upon the facilities existing conditions and avoid significant discussion regarding potential landfill expansion.

The City, as site operator, would normally initiate the permit review process by filing an Application for a Solid Waste Facility Permit along with the PSR to the LEA 120 days before the permit review is due. Through the course of their review, the LEA would determine that a revision, a modification, or no change to the existing permit is necessary. For the California Street Landfill, however, the LEA has determined that the site has undergone significant changes and the landfill permit is no longer valid. Therefore, the LEA has requested that a new RDSI be submitted immediately to update the existing permit until the landfill reaches ultimate capacity. Any horizontal or vertical expansion would have to be permitted after a valid permit for the existing landfill is obtained.

Kleinfelder plans to collect, analyze, and assimilate all existing data from the sources described below into the format prescribed by the CIWMB for the RDSI. Any data gaps would be resolved with the City prior to proceeding with the preparation of the RDSI. No additional field investigations are anticipated with the exception of visual site inspections.

Potential data sources will include:

- The existing Five-Year PSR and RDSI prepared by IT Corporation.
- Water Solid Waste Assessment Test (SWAT) report including groundwater monitoring records.
- Air SWAT report including monitoring records.
- City's landfill design plans.
- Site topographic maps
- Legal boundary descriptions
- City operational records

- Regulatory site inspection reports
  - Local Enforcement Agency
  - South Coast Air Quality Management District
  - CIWMB
  - Regional Water Quality Control Board
- Previous studies or reports

Kleinfelder will evaluate the data and conclusions presented in the above sources for inclusion into the RDSI. Any data deficiencies or inappropriate conclusions that are discovered in the above sources will be brought to the City's attention and resolved prior to proceeding with the preparation of the RDSI. Kleinfelder proposes to perform limited analysis and engineering design, as appropriate, to complete the RDSI. The primary objective of the Scope of Work presented herein will be to provide the City with a RDSI which is complete and in a format acceptable to LEA and CIWMB.

It is our understanding the landfill's waste discharge permit issued by the Regional Water Quality Control Board (RWQCB) is still valid. Whether this permit also needs to be revised or not is unknown to us at this time. Our scope of work, however, is limited to preparation of RDSI, and the Scope of work to a Report of Waste Discharge for submission to RWQCB is not included in this proposal.

2 TECHNICAL APPROACH

The scope of work to prepare a RDSI for the California Street Landfill will consist of the following five (5) tasks:

Task 1: Data Collection and Site Visit

Task 2: Data Analysis and Engineering Design

Task 3: Preliminary closure and Post-closure Maintenance Plan

Task 4: Preparation of Draft RDSI

Task 5: Final RDSI

The proposed technical approach for these tasks is described below.

2.1 Task 1 - Data Collection and Site Visit

After the City authorizes to proceed with the project, key project team members will meet with the City to collect additional data and reports not currently with Kleinfelder. At this meeting, the project schedule and scope of work will be discussed in detail. This meeting will also provide an opportunity to identify key contacts with the City and Kleinfelder for communication during the progress of this project.

After this meeting, Kleinfelder's project team members, will visit the site to visually observe the landfill operation and the site setting.

2.2 Task 2 - Data Analysis and Engineering Design

This task will consist of analyzing the landfill operational data and latest topographic map provided by the City to generate additional new information to be incorporated in the RDSI. Since the operation information contained in the PSR and RDSI prepared by IT dates back to 1988, we will update the operation information to reflect the present conditions. It is our

understanding that the landfill has been supposedly scheduled to be closed in 1994. Therefore, based on the currently daily refuse volumes disposed and the projected volumes through 1994, we will develop projected fill plans, depicting landfill configuration in 1994. The permit revision will be for this projected fill plan within the current landfill limits. These fill plans will be presented in the RDSI.

The City should note that this task will be an important part of the project as it establishes the ultimate landfill configuration projected for 1994. Refuse disposal beyond these limits will require a revision to the permit.

2.3 Task 3 - Preliminary Closure and Post-Closure Maintenance Plan

The CIWMB regulations require that a preliminary Closure and Postclosure Plan be submitted for all solid waste landfills when applying for a revised solid waste facility permit. The project team will develop preliminary Closure and Postclosure Maintenance Plans for the current landfill limits. The preliminary closure and post-closure plan information presented in the existing documents will be used, where possible, and closure cost estimates will be provided in 1990 dollars. This closure plan will address the projected ultimate fill plan for 1994 as developed under Task 2.2. The closure plan document will be part of the RDSI as an appendix. For permitting purposes, this closure plan will be more narrative in nature and we do not anticipate developing any engineering plans under this task.

2.4 Task 4 - Preparation of Draft RDSI

The CIWMB Permit Review Desk Manual dated April 1989 states that a RDSI is a working document that describes actual site operations and the administrative procedures to ensure that all possible or potential health, safety, and environmental hazards have been eliminated or mitigated, and that all possible nuisances will be prevented. The RDSI should be self-contained document and should not reference other documents. Therefore, all previously completed studies such as Air and Water Solid Waste Assessment Tests (SWATs) and environmental monitoring records will be summarized in the RDSI and published as appendices. This document is a required attachment to the Application for a Solid Waste Facilities Permit.

Prior to preparation of the RDSI document, we will present an RDSI outline to the City for review. The draft RDSI will be prepared to consist of all the information as outlined in the permit review manual.

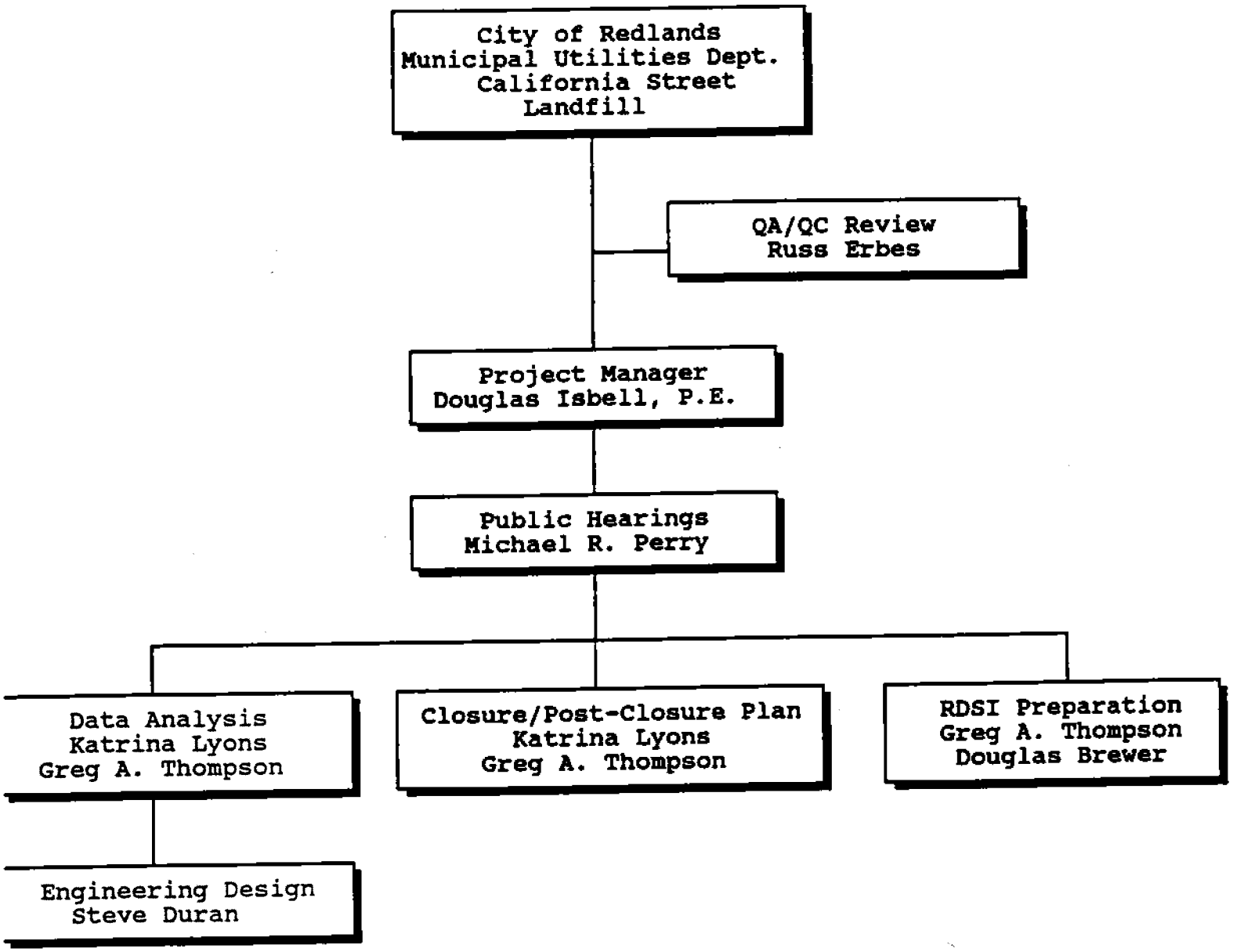
The draft RDSI will be prepared mainly by utilizing the data and information presented in the existing documents. Data and ultimate fill plan developed under Task 2 will be incorporated in the RDSI to present the most current information regarding landfill operation and development. Any relevant information already gathered during our CEQA initial studies will also be incorporated. The closure plan prepared under Task 2 will be summarized in the RDSI, and closure plan document will be included in an appendix. The RDSI will also consist of landfill gas system design, currently being performed by Kleinfelder, in an appendix. We will require City's written authorization to utilize the information in the existing documents as is available, whenever possible. This approach will minimize the effort required to prepare the RDSI. The draft RDSI will be provided to City for review and comment.

2.5 Task 5 - Final RDSI

All comments from the City will be incorporated to finalize the RDSI document. We will provide 5 copies of the final RDSI to the City one (1) week after the receipt of comments.

3 PROJECT TEAM ORGANIZATION

City of Redlands
California Street Landfill
Report of Disposal Site Information



4 SCHEDULE

Our proposal schedule for this project is four (4) weeks after the City's authorization to proceed. The schedule includes two (2) meetings with the City: one kick-off meeting and one before submitting the draft RDSI to the City.

ATTACHMENT B **PROJECT BUDGET**

City of Redlands
California Street Landfiill
RDSI Revision

Task 1 Data Review and Site Visit

Staff	Estimated Hours	Rate ($/hr)	Extended Cost ($)	
Project Manager				
Daya P. Bettadapura	6	100	600	
Project Professional				
Michael R. Perry	3	83	249	
Assistant Professional				
Greg Thompson	6	72	432	
			Task Total	$1,281

Task 2 Data Analysis and Engineering Design

Staff	Estimated Hours	Rate ($/hr)	Extended Cost ($)	
Principal Professional				
Douglas M. Isbell	2	125	250	
Project Manager				
Daya P. Bettadapura	8	83	664	
Staff Professional				
Katrina M. Lyons	16	83	1328	
Assistant Professional				
Greg Thompson	32	72	2304	
Staff Professional				
Steve Duran	16	95	1520	
			Task Total	$6,066

Task 3 Preliminary Closure/Post Closure Maintenance Plan

Staff	Estimated Hours	Rate ($/hr)	Extended Cost ($)	
Principal Professional				
Douglas M. Isbell	2	125	250	
Project Manager				
Daya P. Bettadapura	6	100	600	
Staff Professional				
Katrina M. Lyons	24	83	1992	
Assistant Professional				
Greg Thompson	40	72	2880	
			Task Total	$5,722

Task 4 Draft RDSI

Staff	Estimated Hours	Rate ($/hr)	Extended Cost ($)	
Principal Professional				
Douglas M. Isbell	8	125	1000	
Project Professional				
Michael R. Perry	4	83	332	
Project Manager				
Daya P. Bettadapura	10	100	1000	
Assistant Professional				
Greg Thompson	30	72	2160	
Staff Professional				
Doug Brewer	30	83	2490	
Technical Typist				
Gwen Sapp	30	50	1500	
			Task Total	$8,482

Task 5 Final RDSI

Staff	Estimated Hours	Rate ($/hr)	Extended Cost ($)	
Principal Professional				
Douglas M. Isbell	2	125	250	
Project Professional				
Michael R. Perry	3	95	285	
Project Manager				
Daya P. Bettadapura	12	100	1200	
Assistant Professional				
Greg Thompson	16	83	1328	
Technical Typist				
Gwen Sapp	8	50	400	
			Task Total	$3,463
			Grand Total	$25,014

ATTACHMENT C **SCHEDULE OF FEES**

KLEINFELDER

1990 FEE SCHEDULE FOR ENVIRONMENTAL SERVICES

Kleinfelder is a consulting firm that provides services in hydrogeology, environmental engineering, geochemistry, industrial health and safety, geotechnical engineering, engineering geology, mining engineering, water resources, solid waste engineering and planning, air quality, agricultural engineering, and materials engineering and testing. Since 1961, the firm has provided consulting services to industries, governmental agencies, commercial firms, developers, financial institutions, and other design professionals.

OFFICES AND TESTING LABORATORIES

ARIZONA

4920 E. McDowell, Suite 101
Phoenix, AZ 85008
(602) 231-0992

CALIFORNIA

17100 Pioneer Blvd, Suite 350
Artesia, CA 90701
(213) 860-5559

125 A Grobric Court
Cordelia, CA 94585
(707) 864-1393

1975 E Street
Fresno, CA 93706
(209) 486-0750

526 Hofgaarden Street
City of Industry, CA 91744
(818) 369-2224

15375 Barranca Parkway, Suite J-101
Irvine, CA 92718
(714) 727-4466

123 Commerce Drive
Mammoth Lakes, CA 93546
(619) 934-6829
(Seasonal)

1575 West Main Street
Merced, CA 95340
(209) 384-7552

6880 Koll Center Parkway, Suite 200
Pleasanton, CA 94566
(415) 484-1700

4369 Caterpillar Road
Redding, CA 96003
(916) 244-7203

11731 Sterling Avenue, Suite E
Riverside, CA 92503
(714) 688-2513

5865 Labath Avenue, Suite 5
Rohnert Park, CA 94928
(707) 585-8608

601 Commerce Drive, Suite 130
Roseville, CA 95678
(916) 784-366

9795 Business Park Drive
Sacramento, CA 95827
(916) 366-1701

9771 Clairemont Mesa Blvd, Suite G
San Diego, CA 92124
(619) 541-1145

2825 East Myrtle Street
Stockton, CA 95205
(209) 948-1345

524 Weddell Drive, Suite 3
Sunnyvale, CA 94089
(408) 734-4950

2121 N. California Blvd, Suite 570
Walnut Creek, CA 94596
(415) 938-5610

NEVADA

6850 Paradise Road
Las Vegas, NV 89119
(702) 736-2936

3189 Mill Street
Reno, NV 89502
(702) 323-7182

UTAH

2605 East 3300 South
Salt Lake City, UT 84109
(801) 466-6769

212 North 1000 East
St. George, UT 84770
(801) 628-5231

WASHINGTON

1200 112th Avenue NE, Suite C-226
Bellevue, WA 98004
(206) 451-2877

1990 SCHEDULE FOR ENVIRONMENTAL SERVICES

PROFESSIONAL STAFF RATES*

Research Assistant	$ 60/hour
Technical Writer	$ 70/hour
Assistant Professional	$ 72/hour
Staff Professional	$ 83/hour
Project Professional	$ 95/hour
Project Manager	$100/hour
Senior Professional	$110/hour
Senior Project Manager	$115/hour
Principal Professional	$125/hour
Senior Principal	$150/hour
Special Consultant(s)	On Request

ADMINISTRATIVE/TECHNICAL STAFF RATES

Clerk/Typist	$ 42/hour
Technical Typist	$ 50/hour
Project Administrative Assistant	$ 55/hour
Drafter	$ 55/hour
Designer	$ 62/hour
Senior Designer	$ 72/hour
Field Technician	$ 50/hour
Environmental Technician	$ 60/hour
Senior Environmental Technician	$ 65/hour

* Applies to all professional rates including but not limited to civil, mechanical, chemical, electrical, geotechnical and environmental engineers; industrial hygienists; geologists; hydrogeologists; hydrologists; and computer specialists.

AIR AND GAS	Rate/Day	Rate/Week	Rate/Month
Absolute Pressure Transducer	$ 20	$ 65	$ 200
Bacharach O_2 Combustible Analyzer	30	100	330
Barhole Punch	15		
Barometer	10	35	110
Calibration Gas	5		
Calibration Gas Regulator	5	20	60
Combustible Gas Analyzer	50	175	550
Differential Pressure Transducer	20	75	220
Draeger Quantimeter	100	350	1,100
Draeger Tubes	10 each		
Dual Ambient Air Sampler	55	170	600
Field Gas Chromatograph	500	2,000	5,500
Fyrite CO_2 Indicator	10	30	100
Fyrite O_2 Indicator	10	30	100
Gas Chromatograph (office)			60 each run
Gas Production Curves			350 each run
Gastech GX-3N	50	175	550
Gastech NP-204 and IP-204	50	175	550
Gastechtors	50	175	550
Integrated Surface Sampler	30	100	330
Irrometer	5	20	55
Kurz Velocity Meter	20	75	220
Magnehelic Gauge	10	35	110
Mobile Emissions Laboratory	1,000	3,000	
Moisture Meter	10	35	110
Nalgene Hand Pump	15	50	165
O_2 Analyzer	55	200	600
Organic Vapor Analyzer	160	475	1,700
Organic Vapor Analyzer with Strip Chart Recorder	180	500	1,900
Orifice Plate*	20	60	220
Pitot Tubes	10	35	110
Portable Brailsford Pump or Equivalent	25	90	275
Slack Tube Manometer	5	20	60
Sound Level Meter	40		
Strip Chart Recorder (dual pen)	15	150	165
Strip Chart Recorder (single pen)	15	50	165
Test Skid	270	950	3,000
Test Trailer	325	1,200	3,600
Vibration Analyzer	55		
Voltmeter	5	20	55
Wind Speed and Direction Indicator (one system each)		325	1,200

OTHER EQUIPMENT CHARGES

GEOPHYSICAL EXPLORATION EQUIPMENT	
Seismograph, Single Channel Bison Model 1570C or Nimbus Model ES-125	$160/day
Seismograph, Twelve Channel Nimbus Model ES121OF	$420/day
Resistivity Meter, Bison Model #2390	$140/day
Soil Test Model R-40C	$110/day
Megger Earth Tester	$ 90/day
Magnetometer, Portable Proton-Geometrics Model 6816	$160/day
Electromagnetics	$190/day
Ground Penetrating Radar	On Request
VEHICLES	
Vehicle, 2 Wheel Drive	$ 7/hour
Vehicle, 4 Wheel Drive	$ 10/hour
Mileage, 2 Wheel Drive	$ 0.45/mile
Mileage, 4 Wheel Drive	$ 0.50/mile
Utility Trailer	$ 30/day
OFFICE EQUIPMENT	
Personal Computer, basic software systems	$ 12/hour
Microcomputer, basic software systems and supporting hardware†	$ 15/hour
Mainframe Computer Time-Sharing (per CPU minute)†	$ 6/minute
Computer Connect Time†	$ 5/hour
Disk Storage (per megabyte)†	$ 55/month
Interactive Surface Modeling (ISM) Software Surcharge†	$ 25/hour
Environmental Information Management System Software Surcharge†	$ 10/hour
Project Management and CPM Software Surcharge	$ 10/hour
Reproduction	$ 0.24/page
Telephone	$ 0.40/minute
Facsimile Copies	$ 1.30/page
Report Surcharge	$ 30/copy

† Discounts available for project-specific support services.