

Agreement No. 015-A-09/10-BOS Between the County of El Dorado and Field Solutions, Incorporated

THIS AGREEMENT No. 015-A-09/10-BOS made and entered by and between the County of El Dorado, a political subdivision of the State of California (hereinafter referred to as "County"), acting by and through County Service Area No. 10, a lawfully established County Service Area as defined by Government Code Section 25210 et seq., and Field Solutions, Incorporated, a corporation duly qualified to conduct business in the State of California, whose principal place of business is 6280 San Ignacio Ave., Suite P, San Jose, California 95119-1363 (hereinafter referred to as "Consultant").

WITNESSETH

WHEREAS, County has determined that it is necessary to obtain a Consultant to provide waste discharge monitoring, leachate mound pumping, reporting services, and landfill gas compliance monitoring at the Union Mine Disposal Site for the Environmental Management Department; and

WHEREAS, Consultant has represented to County that it is experienced and competent to perform the special services required hereunder and County has determined to rely upon such representations; and

WHEREAS, it is the intent of the parties hereto that such services are in conformity with all applicable federal, state and local laws; and

WHEREAS, County has determined that the provisions of such services provided by Consultant are in the public's best interest, are more economically and feasibly performed by outside independent consultants as well as authorized by El Dorado County Charter, Section 210 (b) (6) and/or Government Code 31000;

NOW, THEREFORE, County and Consultant mutually agree as follows:

ARTICLE I

Scope of Services: Consultant shall perform all professional and technical services and shall make available Consultants own personnel, materials and equipment necessary to perform the services, work, and tasks designated as outlined in Exhibit "A" marked "Scope of Work" incorporated herein and made by reference a part hereof (hereafter the "Work").

ARTICLE II

Standards for Work: Consultant will strive to perform services in a manner consistent with

that level of care and skill ordinarily exercised by other members of the Consultant's profession currently practicing in the same locality and under similar conditions. No other representation, express or implied, is included or intended in this agreement, or in any report, opinion, document, or other instrument of service.

ARTICLE III

Term: This Agreement shall become effective when fully executed by both parties hereto and shall expire three (3) years from the date of execution thereof.

ARTICLE IV

Compensation for Services:

- A. For services provided herein, County agrees to compensate Consultant by Task, upon receipt of itemized invoice(s) detailing a description of Work performed. Payments shall be made within forty-five (45) days following County's receipt and approval of invoices(s). For the purposes hereof, the billing rate shall be in accordance with Exhibit "B" marked "Schedule of Charges" incorporated herein and made by reference a part hereof. The rates indicated in the "Schedule of Charges" may be updated annually with written notification from Consultant to County. The parties recognize that in the performance of this Agreement, Consultant may be required to perform other Work not listed on Exhibit "B." In such cases, Consultant shall be compensated at a price mutually agreed upon by County and Consultant and consistent with the prevailing market rate for such Work.
- **B.** The total compensation under this Agreement to Consultant **SHALL NOT EXCEED** the estimated Ninety Thousand Dollars and No Cents (\$90,000) without prior written approval by the County.

ARTICLE V

Consultant Reporting: Consultant Reporting: Reports on Services rendered by Consultant shall be submitted to County in the format, and under the conditions, outlined in the Work.

ARTICLE VI

Deliverables: Deliverables will be specified by the County for each individual assignment, and specific task assignments and work requirements will be specifically identified on a task-by-task basis. Failure to submit requested deliverables shall be grounds for termination of the Agreement, as provided in Article XIII.

ARTICLE VII

Ownership of Data: Upon completion or earlier termination of all work under this Agreement, ownership and title to all reports, documents, plans, (including digitized plans) specifications and estimates produced as part of this Agreement will automatically be vested in the County and no further Agreement will be necessary to transfer ownership to the County. The Consultant shall furnish the County all necessary copies of data needed to complete the review and approval process. Any reuse of such materials shall be done at the sole risk of the County.

ARTICLE VIII

Changes to Agreement: This Agreement may be amended by mutual consent of the parties hereto. Said amendments shall become effective only when in writing and fully executed by duly authorized officers of the parties hereto. There shall be no change in the Consultant's Administrator or sub consultants without prior written approval by the County's Administrator.

ARTICLE IX

Consultant to County: It is understood that the services provided under this Agreement shall be prepared in and with cooperation from County and its staff. It is further agreed that in all matters pertaining to this Agreement, Consultant shall act as Consultant only to County and shall not act as Consultant to any other individual or entity affected by this Agreement nor provide information in any manner to any party outside of this Agreement that would conflict with Consultant's responsibilities to County during term hereof.

ARTICLE X

Assignment and Delegation: Consultant is engaged by County for its unique qualifications and skills as well as those of their personnel. Consultant shall not subcontract, delegate, or assign services to be provided, in whole or in part, to any other person or entity without prior written consent of County.

ARTICLE XI

Independent Consultant/Liability: Consultant is, and shall be at all times, deemed independent and shall be wholly responsible for the manner in which it performs services required by terms of this Agreement. Consultant exclusively assumes responsibility for acts of its employees, associates, and sub consultants, if any are authorized herein, as they relate to services to be provided under this Agreement during the course and scope of their employment.

Consultant shall be responsible for performing the work under this Agreement in a safe, professional, skillful and a workmanlike manner and shall be liable for its own negligence and negligent acts of its employees and sub consultants. County shall have no right of control over the manner in which work is to be done and shall, therefore, not be charged with responsibility of preventing risk to Consultant or it's employees or sub consultants.

ARTICLE XII

Fiscal Considerations: The parties to this Agreement recognize and acknowledge that County is a political subdivision of the State of California. As such, El Dorado County is subject to the provisions of Article XVI, Section 18 of the California Constitution and other similar fiscal and procurement laws and regulations and may not expend funds for products; equipment or services not budgeted in a given fiscal year. It is further understood that in the normal course of County business, County will adopt a proposed budget prior to a given fiscal year, but that the final adoption of a budget does not occur until after the beginning of the fiscal year.

Notwithstanding any other provision of this Agreement to the contrary, County shall give notice of cancellation of this Agreement in the event of adoption of a proposed budget that does not provide for funds for the services, products, or equipment subject herein. Such notice shall become effective upon the adoption of a final budget, which does not provide funding for this Agreement. Upon the effective date of such notice, this Agreement shall be automatically terminated and County released from any further liability hereunder.

In addition to the above, should the Board of Supervisors during the course of a given year for financial reasons reduce, or order a reduction, in the budget for any County department for which services were agreed to be performed, pursuant to this paragraph in the sole discretion of the County, this Agreement may be deemed to be canceled in its entirety subject to payment for services performed prior to cancellation.

ARTICLE XIII

Default, Termination, and Cancellation:

A. Default: Upon the occurrence of any default of the provisions of this Agreement, a party shall give written notice of said default to the party in default (notice). If the party in default does not cure the default within ten (10) days of the date of notice (time to cure), then such party shall be in default. The time to cure may be extended in the discretion of the party giving notice. Any extension of time to cure must be in writing, prepared by the party in default for signature by the party giving notice and must specify the reason(s) for the extension and the date in which the extension of time of to cure expires.

Notice given under this section shall specify the alleged default and the applicable Agreement provision and shall demand that the party in default perform the provisions of this Agreement within the applicable period of time. No such notice shall be deemed a termination of this Agreement unless the party giving notice so elects in this notice, or the party giving notice so elects in a subsequent written notice after the time to cure has expired.

- B. Bankruptcy: This Agreement, at the option of the County, shall be terminable in the case of bankruptcy, voluntary or involuntary, or insolvency of Consultant.
- C. Ceasing Performance: County may terminate this Agreement in the event Consultant ceases to operate as a business, or otherwise becomes unable to substantially perform any term or condition of this Agreement.
- D. Termination or Cancellation without Cause: County may terminate this Agreement in whole or in part seven (7) calendar days upon written notice by County for any reason. If such prior termination is effected, County will pay for satisfactory services rendered prior to the effective dates as set forth in the Notice of Termination provided to Consultant, and for such other services, which County may agree to in writing as necessary for Agreement resolution. In no event, however, shall County be obligated to pay more than the total amount of the Agreement. Upon receipt of a Notice of Termination, Consultant shall promptly discontinue

all services affected, as of the effective date of termination set forth in such Notice of Termination, unless the notice directs otherwise. In the event of termination for default, County reserves the right to take over and complete the work by Agreement or by any other means.

ARTICLE XIV

Notice to Parties: All notices to be given by the parties hereto shall be in writing and served by depositing same in the United States Post Office, postage prepaid and registered. Notices to County shall be in duplicate and addressed as follows:

Greg Stanton, Environmental Management Deputy Director County of El Dorado 2850 Fairlane Ct. Placerville, CA 95667

Or to such other location as the County directs.

Notices to Consultant shall be addressed as follows:

Patrick Lacey, CHI Field Services Manager Field Solutions, Inc. 6280 San Ignacio Avenue, Suite P San Jose, CA 95119-1363

Or to such other location as the Consultant directs.

ARTICLE XV

Indemnity: The Consultant shall defend, indemnify, and hold the County harmless against and from any and all claims, suits, losses, damages and liability for damages of every name, kind and description, including attorneys fees and costs incurred, brought for, or on account of, injuries to or death of any person, including but not limited to workers, County employees, and the public, or damage to property, or any economic or consequential losses, which are claimed to or in any way arise out of or are connected with the Consultant's services, operations, or performance hereunder, regardless of the existence or degree of fault or negligence on the part of the County, the Consultant, sub consultant(s) and employee(s) of any of these, except for the sole, or active negligence of the County, its officers and employees, or as expressly prohibited by statute. This duty of Consultant to indemnify and save County harmless includes the duties to defend set forth in California Civil Code Section 2778.

ARTICLE XVI

Environmental Indemnity: To the fullest extent allowed by law, from and after recording of Notice of Completion, Contractor shall indemnify, defend, and save harmless County from all losses or damages resulting from injury to or death of any person and damage to property, and any fine, which is occasioned by or arises out of any breach of Environmental and Toxics Warranty, representations, or covenants of Contractor under this Contract.

Contractor further agrees to indemnify and hold harmless County, its officers, employees, and agents, from and against any and all liability as follows:

- A. Including all foreseeable and all unforeseeable consequential damages, directly or indirectly arising out of the use, generation, storage, or disposal of hazardous materials in any location by Contractor, and
- B. Including, without limitation, the cost of any required or necessary remediation, repair, cleanup, or detoxification and the preparation of any closure or other required plans, whether such action is required or necessary prior to or following filing of the Notice of Substantial Completion to the full extent that such action is attributable, directly or indirectly, to the presence or use, generation, storage, release, threatened release, or disposal of hazardous materials by any person on the Work prior to filing of the Notice of Substantial Completion. Contractor's obligations pursuant to the foregoing indemnity shall survive the filing of Notice of Completion of the Work.
- C. This Contract as to indemnity and reimbursement as above set forth to be undertaken by the Contractor shall survive the performance of the remainder of said Contract and shall remain in full force and effect not withstanding such performance.
- D. The foregoing duties of indemnity shall not apply to loss, damage, expense, or liability caused solely by the active negligence of the County or the County's agents, servants or independent contractors.

ARTICLE XVII

Insurance: Consultant shall provide proof of a policy of insurance satisfactory to the El Dorado County Risk Manager and documentation evidencing that Consultant maintains insurance that meets the following requirements:

- A. Full Worker's Compensation and Employer Liability Insurance covering all employees of Consultant as required by law in the State of California.
- B. Commercial General Liability Insurance of not less than One Million Dollars (\$1,000,000) combined a single limit per occurrence for bodily injury and property damage.
- C. Automobile Liability Insurance of not less than One Million Dollars (\$1,000,000) is required in the event motor vehicles are used by the Consultant in the performance of the Agreement.
- D. In the event Consultant is a licensed professional, and is performing professional services under this Agreement, professional liability (for example, malpractice

insurance) is required with a limit of liability of not less than One Million Dollars (\$1,000,000) per occurrence.

Pollution Legal Liability insurance covering losses caused by pollution conditions that arise from the operations of the contractor described under the scope of services of this Contract. This insurance shall apply to bodily injury; property damage, including loss of use of damaged property or of property that has not been physically injured; cleanup costs; and defense, including costs and expenses incurred in the investigation, defense or settlement of claims.

- E. Consultant shall furnish a certificate of insurance satisfactory to the El Dorado County Risk Manager as evidence that the insurance required above is being maintained.
- F. The insurance will be issued by an insurance company acceptable to the Risk Management Division, or be provided through a partial or total self-insurance likewise acceptable to the Risk Management Division.
- G. Consultant agrees that the insurance required above shall be in effect at all times during the term of this Agreement. In the event said insurance coverage expires at any time or times during the term of this Agreement, Consultant agrees to provide at least thirty (30) days prior to a said expiration date, a new certificate of insurance evidencing insurance coverage as provided for herein for not less than the remainder of a term of the Agreement, or for a period of not less than one (1) year. New certificates of insurance are subject to the approval of the Risk Management Division and Consultant agrees that no work or services shall be performed prior to the giving of such approval. In the event the Consultant fails to keep in effect at all times insurance coverage as herein provided, County may, in addition to any other remedies it may have, terminate this Agreement upon the occurrence of such events.
- H. The certificate of insurance must include the following provisions stating that:
 - 1. The insurer will not cancel the insures coverage without thirty (30) days prior written notice to County, and;
 - 2. The County of El Dorado, its officers, officials, employees, and volunteers are included as additionally insured, but only insofar as the operations under this Agreement are concerned. This provision shall apply to all liability policies except workers' compensation and professional liability insurance policies.
- I. The Consultant's insurance coverage shall be primary insurance as respects the County, it officers, officials, employees and volunteers. Any insurance or self-insurance maintained by the County, its officers, officials, employees or volunteers shall be excess of the Consultant's insurance and shall not contribute with it.

- J. Any deductibles or self-insured retention must be declared to and approved by the County, either: the insurer shall reduce or eliminate such deductibles or self-insured retention as respects the County, its officers, officials, employees, and volunteers; or the Consultant shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.
- K. Any failure to comply with the reporting provisions of the policies shall not affect coverage provided to the County, its officers, officials, employees, or volunteers.
- L. The insurance companies shall have no recourse against the County of El Dorado, its officers and employees or any of them for payment of any premiums or assessments under any policy issued by any insurance company.
- M. Consultants' obligations shall not be limited by the foregoing insurance requirements and shall survive expiration of this Agreement.
- N. In the event Consultant cannot provide an occurrence policy, Consultant shall provide insurance covering claims made as a result of performance of this Agreement for not less than three (3) years following completion of performance of this Agreement.
- O. Certificates of insurance shall meet such additional standards as may be determined by the contracting County Department either independently or in consultation with the Risk Management Division, as essential for protection of the County.

ARTICLE XVIII

Interest of Public Official: No official or employee of County who exercises any functions or responsibilities in review or approval of services to be provided by Consultant under this Agreement shall participate in or attempt to influence any decision relating to this Agreement which affects personal interest or interest of any corporation, partnership, or association in which he/she is directly or indirectly interested; nor shall any such official or employee of County have any interest, direct or indirect, in this Agreement or the proceeds thereof.

ARTICLE XIX

Interest of Consultant: Consultant covenants that Consultant presently has no personal interest or financial interest, and shall not acquire same in any manner or degree in either: 1) any other

Agreement connected with or directly affected by the services to be performed by this Agreement; or, 2) any other entities connected with or directly affected by the services to be performed by this Agreement. Consultant further covenants that in the performance of this Agreement no person having any such interest shall be employed by Consultant.

ARTICLE XX

Withholding (Form 730): In accordance with changes in Internal Revenue Law, OASDI (Old Age, Survivors, & Disability Insurance) and income taxes may be withheld from any payments made under terms of this Agreement if Consultant falls under "Contract-Employee" category as determined by County prior to execution of Agreement.

ARTICLE XXI

California Residency (Form 590): All independent Consultants providing services to the County must file a State of California Form 590, certifying their California residency or, in the case of a corporation, certifying that they have a permanent place of business in California. The Consultant will be required to submit a Form 590 prior to execution of an Agreement or County shall withhold seven (7) percent of each payment made to the Consultant during the term of the Agreement. This requirement applies to any agreement/contract exceeding \$1,500.00.

ARTICLE XXII

Tax Payer Identification Number (Form W-9): All independent Consultants or Corporations providing services to the County must file a Department of the Treasury Internal Revenue Service Form W-9, certifying their Taxpayer Identification Number.

ARTICLE XXIII

California Forum and Law: Any dispute resolution action arising out of this Agreement, including, but not limited to, litigation, mediation, or arbitration, shall be brought in El Dorado County, California, and shall be resolved in accordance with the laws of the State of California. Consultant waives any removal rights it might have under Code of Civil Procedure Section 394.

ARTICLE XXIV

Administrator: The County Officer or employee with responsibility for administering this Agreement is Greg Stanton, Environmental Health Manager, or his successor.

ARTICLE XXV

Authorized Signatures: The parties to this Agreement represent that the undersigned individuals executing this Agreement on their respective behalf are fully authorized to do so by law or other appropriate instrument and to bind upon said parties to the obligations set forth herein.

ARTICLE XXVI

Partial Invalidity: If any provision of this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions will continue in full force and effect without being impaired or invalidated in any way.

ARTICLE XXVII

Venue: Any dispute resolution action rising out of this Agreement, including, but not limited to, litigation, mediation or arbitration, shall be brought in El Dorado County, California, and

shall be resolved in accordance with the laws of the State of California. Consultant waives any removal rights it might have under Code of Civil Procedure Section 394.

ARTICLE XXVIII

Confidentiality: Consultant shall maintain the confidentiality and privileged nature of all records together with any knowledge therein acquired, in accordance with all applicable State and Federal laws and regulations, as they may now exist or may hereafter be amended or changed. Consultant, and all Consultants staff, employees and representatives, shall not use or disclose, directly or indirectly at any time, any said confidential information, other than to the County Environmental Management Department for the purpose of, and in the performance of the Agreement. This confidentiality agreement shall survive after the expiration or termination of this Agreement.

ARTICLE XXIX

Entire Agreement: This document and the documents referred to herein or exhibit(s) hereto is the entire Agreement between the parties and they incorporate or supersede all prior written or oral Agreements or understandings.

REQUE	ESTING DEPARTMENT CONCURRENCE:		
Ву:		Dated:	
	Gerri Silva, M.S., REHS Environmental Management Director		

IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year first below written.

-- COUNTY OF EL DORADO --

Dated:	
Ву:	
Chair, Board of Supervisors	
ATTEST:	
Clerk of the Board of Supervisors	
Dated:	
Ву:	
Field Solutions, Inc.	CONSULTANT -
Dated:	
Ву:	
Patrick Lacey, "President"	
ATTEST:	
Field Solutions, Inc.	
Dated:	
Ву:	
James Butera,	
"Corporate Secretary"	

EXHIBIT "A"

SCOPE OF WORK

Scope of Work to be performed in compliance with the requirements of the current Air Quality Management District permits, State and Federal Air Quality Regulations, for the Union Mine Disposal Site. The schedule of charges for services are detailed in Exhibit "B."

Monthly Well Head Monitoring

FSI will monitor the 23 landfill gas extraction wells for the permit-required parameters. FSI will confirm with Landfill personnel that the gas control systems are operational before mobilizing to the site to complete the routine monitoring task. Routine monitoring schedules will be provided upon request. Once per month, all of the landfill gas wells will be monitored for the following parameters using a Landtec GEM 2000 instrument. The instrument will be field calibrated before each use and factory-calibrated at the recommended 6-month intervals.

Well head pressure (static)
Methane concentration (percent)
Carbon dioxide concentration (percent)
Oxygen concentration (percent)
Nitrogen concentration (percent)
Landfill gas temperature (° Fahrenheit)

Monitoring results that meet the permit criteria will be logged as they are measured. Well heads not meeting the 37-2 criteria or other site specific requirements will be identified in the field and corrective action initiated. FSI will use tape, caulk, and/or tools to repair and tighten well heads where the oxygen or pressure are not within specifications. Vacuum to the well heads may also be increased. These wells will then be immediately retested and the data recorded. Well heads that can not be field repaired will be verbally reported to the designated representative within 24 hours. The monthly monitoring results will also be summarized in a spreadsheet and transmitted within one week of collection via electronic mail. Wells that can not be field-repaired as described above will be highlighted in the transmittal. FSI will also maintain a binder of landfill gas monitoring data at the septage plant offices. The binder will be updated each month. Please note that costs to complete re-monitoring of wells that are not within specification are excluded from this proposal. FSI will make every effort to complete re-monitoring in conjunction with other routine site tasks when this work is necessary. Please also note that labor and materials to complete well head or extraction system repairs (other than the minor field repair described above) is excluded from this proposal.

Quarterly Landfill Surface Monitoring

FSI will monitor the landfill surface for gas emissions using a GasTech GT Land Surveyor following the procedures described in the permit. Monitoring will be performed 3-5 inches above the landfill surface along 116 points following a serpentine grid pattern. Surface emission testing will be completed quarterly; measurements will be logged as they are collected. Any landfill surface exceedence will be verbally reported to a designated Landfill

representative within 24 hours after the measurement is taken. Following corrective action performed by Landfill personnel, re-monitoring of areas where surface emission exceedences were recorded will be performed within the regulatory required time frames. Please note that costs to complete this re-monitoring are excluded from this proposal. FSI will make every effort to complete re-monitoring in conjunction with other routine site tasks when this work is necessary.

Quarterly Perimeter Probe Testing

FSI will monitor the nine perimeter probes once per quarter using the instrumentation described in Task 3. Testing will be performed in conjunction with a routine monthly well head monitoring event. Measurements will be logged as they are collected and compared to the five percent methane criteria enforced by the CIWMB. Measurements in excess of the CIWMB criteria will be verbally reported to a designated Landfill representative. Costs to retest perimeter probes with gas concentrations above the five percent criteria are excluded from this proposal.

Leachate Mound Pumping

FSI will use a portable submersible electric pumping system to periodically remove leachate from the newly installed gas well (EW-21) on the northwestern corner of the landfill. During the wet season, the leachate level in this well periodically rises above the top of the well screen and obstructs the flow of gas. FSI will pump down the mounded leachate as necessary to restore gas flow from the well. Leachate removed from the well will be temporarily contained on FSI trucks and discharged into the Class II impoundment.

General Assistance

FSI will also provide as-needed post-closure support. Services under this task will be provided as requested and/or approved by the County. Services which may be necessary could include disconnecting and reconnecting well heads, adjusting case heights, reconfiguring wellhead testing ports, well repair or other post-closure related activities.

SCHEDULE AND BUDGET

The verbal reporting of results not within regulatory limits or specifications will be performed to expedite initiation of corrective action. FSI will also maintain electronic and paper files of the monitoring data on behalf of EDC and update a site binder monthly. Instrument calibration records will be maintained and transmitted semiannually. FSI is proposing to execute the scope of work described consistent with the attached Schedule of Charges.

Please note that the work scope and cost for the project were developed using the following assumptions:

- Major component replacement or repair is excluded from this quotation. FSI will notify EDC when this replacement or repair is indicated. Operational adjustments to the abatement devices at the Landfill is also excluded. FSI assumes that Landfill operations personnel will execute the necessary adjustments when requested.
- Any work not specifically described in this proposal can be performed on a time and materials basis consistent with the attached Schedule of Charges. The hourly labor rate for the field testing work described in this proposal would be \$75. Additional work would include re-monitoring of wells or surfaces not meeting specifications, repair of leaking components, and component replacement.
- Work not required by the existing orders is excluded from this proposal.

EXHIBIT "B"

SCHEDULE OF CHARGES

Rate Per Hour



Personnel Charges

Project Manager	110 – 125
Senior Project Scientist/Industrial Hygienist	95 – 110
Staff Scientist	75 – 95
Remediation System Operator	65 – 85
Technician/ Project Assistant	50 – 75
Office Services	30 – 60

Travel time will be charged in accordance with the above rates, up to a maximum of 8 hours per day. A detailed invoices(s) **must** be attached for payment.

Direct Charges

Field Filters \$20 each

Vehicle mileage Payment(s) shall be in accordance with current Federal mileage rates.

GasTech GT Land Surveyor \$100 per day Landtec GEM-200 Gas Analyzer \$200 per day

A detailed invoices(s) **must** be attached for payment.

OUTSIDE SERVICES

Charges for special outside services, equipment and facilities not furnished directly by Field Solutions, Inc. will be billed at cost plus 5 percent. Such charges may include, but shall not be limited to, the following services: A detailed invoices(s) **must** be attached for payment.

Subconsultants/Subcontractors
Special fees, permits, insurance, etc.
Shipping charges
Consumable materials
Printing and reproduction
Rented field equipment