

**United States Environmental Protection Agency**  
**Office of Research and Development**  
RFQ-RT-09-00194

The Environmental Sciences Division, 944 E. Harmon Ave., Las Vegas, NV of the National Exposure Research Laboratory (NERL), Office of Research and Development (ORD) at the U.S. Environmental Protection Agency (EPA) is seeking a post-doctoral student to provide services under a contractual agreement to serve on a research group in environmental geophysics. The work will be predominately in the laboratory and will include the development of a geoelectrical forward and inverse model for geoelectrical data, especially complex resistivity spectra of contaminated / uncontaminated porous soils and rocks. The complete model will be available for shareware and tested and calibrated/tested in the laboratory and field for the inversion and forward modeling of geoelectrical properties in studies of environmental geophysics.

The student contractor must have completed a Ph.D. degree in engineering, environmental science, mathematics, or geosciences at an accredited college/university. The student must have completed the Ph.D. degree within two years in one of those previously mentioned disciplines. The student must be familiar with basic laboratory and field health and safety.

This work is projected to begin, depending upon the availability of the selected student contractor, approximately August/September timeframe for one year with the option to extend the contract to a second year. It is anticipated that the student contractor will work part time and not exceed 1053 hours per year. The majority of the work will be Monday through Friday between the hours of 8:00 am to 5:00 pm. The duty location is at the Dept of Geophysics, Colorado School of Mines under the supervision of Dr. André Revil (arevil@mines.edu) and co-supervision of Dr. Burke Minsley. Dr. Burke J. Minsley (bminsley@usgs.gov) of the U.S. Geological Survey is co-located with Colorado School of Mines and will serve as co-mentor and will provide day-to-day interaction with the student. The EPA co-mentor, Dr. Dale Werkema, will be located at Las Vegas, Nevada. Work will be primarily performed in an office and laboratory but some field work and travel may be required.

The hourly rate is commensurate with the minimum required level of education and experience, as follows: \$42.70 per hour (Fort Collins/Larimer, CO rate) for a student who has completed the Ph.D. degree (i.e. post-doc) within the past 2 years at the time of contract award. Student contractors will be paid the basic hourly rate only for the number of hours worked and do not receive overtime premium for any hours worked beyond a 40-hour week. Student contractors do not accrue leave or holiday benefits and are not paid for any non-work days, regardless of the reason. Federal, State, Local, and Social Security taxes will not be withheld; student contractors are responsible for reporting income to authorities and paying all taxes.

The contractor is responsible for all costs of transportation to and from the principal duty station location. EPA does not provide housing, meals or other living expenses while working at the principal duty station. Offerors must be, (1) former students who have completed the Ph.D. at a recognized educational institution. Non-U.S. citizens may be eligible to participate, depending on their immigration status and the applicable regulations of the United States Citizenship and Immigration Service (USCIS). All non-US citizens must submit, as part of their proposal package, evidence of their immigration status that allows them to work in the United States. EPA

ORD employees, their spouses, and children are NOT eligible to participate in this program and receive these contracts.

To submit a proposal for this position, you must submit a one or two page resume or statement of qualifications including (1) student's full legal name; (2) mailing address; (3) telephone number; (4) email address (if any); (5) date of birth; (6) Social Security Number; (7) place of birth; (8) citizenship or, if not a US citizen, immigration/VISA status; (9) education, including description of relevant classes; (10) work or volunteer experience related to the scientific field; (11) laboratory work experience (if applicable to these services) and (12) a statement of your commitment to fulfill at least the initial year of the order, if selected. Attach a copy of all your college/university transcripts (unofficial copies are acceptable, if it is apparent from the transcript copy that it is a copy of an official document and that the school is identified), listing courses taken, grades, and overall GPA. Two letters of recommendation are also suggested. Also, your proposal must contain a statement that you propose/accept the stated hourly rate of \$42.70 per hour. Send your proposal submittal to: James E. Wesley, II [wesley.james@epa.gov](mailto:wesley.james@epa.gov) fax number (919)685-3412. The submission deadline will be listed at the website listed below.

Prior to applying for this position, you should visit the EPA solicitation web page at [http://www.epa.gov/oam/rtp\\_cmd](http://www.epa.gov/oam/rtp_cmd) to learn the full details of the position for which you are applying. You should visit the website periodically to check the status of this procurement and to see whether or not any amendments (changes to the requirement of the posted position) have been issued. If you have any questions on the information contained on this website, contact James E. Wesley, II [wesley.james@epa.gov](mailto:wesley.james@epa.gov) fax number (919)685-3412.

The Government will make contract award(s) based on the student's work experience, knowledge and skills, training and course work as it relates to the services as described in the Announcement. Students who perform under contract for EPA will be required to undergo a background check, check of FBI fingerprint files and a suitability determination by the Environmental Protection Agency.

All questions regarding this position should be addressed to the Contract Specialist James E. Wesley, II [wesley.james@epa.gov](mailto:wesley.james@epa.gov) fax number (919)685-3412.