

REQUEST FOR QUALIFICATIONS (RFQ) TRANSPORTATION PLANNING ADVISOR

The State of Nevada Agency for Nuclear Projects seeks to contract with a qualified individual or firm to provide assistance in overseeing ongoing and future spent nuclear fuel and high-level radioactive waste transportation planning, impact assessment, monitoring, and mitigation activities relative to the possible effects of a high-level nuclear waste repository or related facilities in southern Nevada.

Services Required

Work required under the contract will involve the following general task areas, although the work load in the various areas will be determined by Office needs during the contract period. The work involves a full range of planning, oversight, impact assessment, and research activities:

- Advise the Office and others, as directed by the Office, of progress in and findings of transportation studies and activities being conducted by other states, tribes, or the U.S. Department of Energy (DOE), and of ongoing developments in the scientific and academic communities that have relevance to Nevada's transportation impact assessment activities. Contractor will help coordinate Nevada's activities with those of other states, Indian Tribes, regional groups (such as the Western Interstate Energy Board and the Western Governors' Association), and other relevant organizations and entities.
- Provide linkages with other studies and with the national scientific community and national policy-makers where such linkages would serve State interests.
- Review pertinent federal documents, laws and regulations, and provide guidance to the Office as to their implication for transportation planning and for identifying and mitigating transportation impacts.
- Review various transportation-related legislation and provide the Office with comments and guidance as to the implications of such legislation for Nevada and other Western states.
- Assist the Office in developing information relative to the selection of modes and routes for HLW shipments and the differential impacts of alternative route and mode scenarios.
- Review and evaluate State transportation activities and provide guidance and support to the Office with regard to: Ongoing update of the Agency's high-level waste transportation plans; Radioactive materials transportation plans and other documents prepared by the Nevada Department of Transportation and others and State emergency response/management plans developed by the Division of Energy Management and others; University of Nevada System research, especially research on cask performance and accident risks and work done under university agreements with DOE; other state, tribe, local government, or regional groups; and other activities as agreed upon.
- Assist the Office in participating in DOE's Environmental Impact Statement/NEPA processes for the Yucca Mountain project and the federal high-level waste program. Contractor will advise the Office as to transportation issues pertinent to the Final Yucca Mountain EIS as well as other EISs and NEPA documents related to the shipment of radiological materials and provide technical comments/input to that process.

- Assist the Office in the preparation of a strategies for addressing impacts identified in the State Yucca Mountain Impact Report (<http://www.state.nv.us/nucwaste/yucca/impactreport.pdf>).
- Advise the Office on timely initiatives that could be taken in relation to the U.S. DOE transportation program, and on such opportunities as may arise for the State to further its HLW transportation interests in the national context.
- Attend periodic meetings of the affected units of government and other state and national meetings, conferences, workshops as the Office shall direct, as a resource to assist the Office in achieving objectives related to transportation issues.
- Review and evaluate socioeconomic and transportation study products as requested by the Office.
- Assist in integrating state and local government transportation and socioeconomic impact assessment studies and monitoring activities.
- Provide assistance to the Office in effectuating participation in the Western Governors' Association Waste Isolation Pilot Plant (WIPP) Transportation Technical Advisory Group.
- As directed by the Office, prepare materials, oversee research, and conduct necessary independent studies on key issues associated with high-level waste transportation, including potential risks associated with terrorism and sabotage, cask designs and testing, transportation systems operations, route and mode considerations, and others.
- Carry out such additional tasks as the Office may request, consistent with time and availability of personnel.

Qualifications

The Agency is seeking qualifications statements from individuals or firms demonstrating the following:

1. An academic background reflective of a firm grounding in public policy, planning, or related fields.
2. Extensive experience with spent nuclear fuel and high-level nuclear waste transportation planning, impact assessment, risks (including the risks/consequences of accidents and terrorism/sabotage) , and related issues, at the national, state and local planning levels.
3. Thorough knowledge of the federal high-level nuclear waste disposal program, especially the transportation aspects/requirements of the program and the relationships between HLW transportation and the proposed Yucca Mountain repository.
4. Experience in the review and development of regulations and legislation relative to the safe transportation of radioactive materials.
5. Demonstrated ability and experience in working effectively with State and local officials with regard to transportation activities and in effectively communicating with diverse publics on the issue.

6. A demonstrated ability to effectively work with and provide liaison to the broader academic and professional community, including the national Nuclear Waste Technical Review Board, the National Transportation Research Board, and other such entities.
7. A thorough understanding and knowledge of potential high-level waste transportation routes and issues specific to the State of Nevada.
8. Familiarity with Western States nuclear waste and radiological materials transportation issues.

Conflicts of Interest

Applicants must disclose any relationships (past or present) with **any** U.S. Department of Energy (DOE) departments, contractors or subcontractors; the Nuclear Energy Institute, its predecessor organizations or contractors/affiliates; and with other entities associated with the commercial nuclear power industry. The Agency will review such relationships to determine if potential conflicts of interest exist. Applicants with current or past (i.e., the last 6 years) contractual or other ties to the DOE's Office of Civilian Radioactive Waste Management (OCRWM), DOE's Yucca Mountain Site Characterization Office (YMSCO), or any firm/organization that is presently doing work for OCRWM or YMSCO - or that has, in the past, done work for these organizations - may not be considered for this solicitation. Decisions as to whether or not conflicts of interest exist will be made solely by the Agency.

Submissions

Applicants must submit a qualifications statement together with the billing rate(s) being proposed to the Nevada Agency for Nuclear Projects, 1761 E. College Parkway, Suite 118, Carson City, Nevada 89706, by **5pm on Wednesday, October 3, 2007**. Address questions or inquiries to Joe Strolin, Planning Division Administrator or Bob Loux, Executive Director at (775) 687-3744. Statements may also be emailed to: jstrolin@nuc.state.nv.us .

Additional Information

Additional information regarding the Nevada Agency for Nuclear Projects and its high-level nuclear waste transportation activities is available on the Agency's web page at: <http://www.state.nv.us/nucwaste> and <http://www.state.nv.us/nucwaste/trans.htm> .