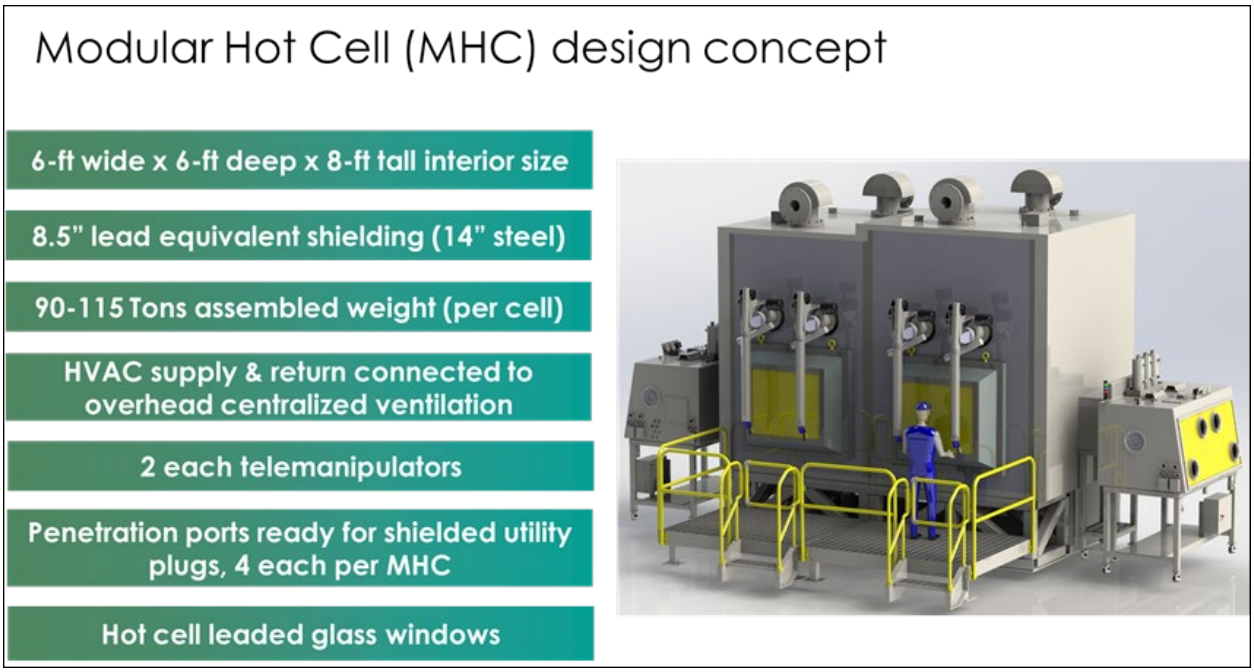
EXPRESSION OF INTEREST - HOT CELL DESIGN SERVICES BASIC ORDERING AGREEMENT

UT-Battelle (the Company) is requesting an Expression of Interest (EOI) for the engineering and design services necessary to support Isotope Science and Engineering Directorate (ISED) in design and fabrication support for modular hot cells (MHCs) and associated engineered confinement systems and components. The engineering firm shall have an NQA-1 quality assurance program and have established policies, systems, procedures, and tools in place to ensure the quality of services and deliverables to be provided.

Disclaimer: This EOI neither constitutes a solicitation, Request for Proposal (RFP), Invitation for Bid, or promise to issue an RFP in the future, nor does it restrict UT-Battelle to an ultimate acquisition approach. This EOI is issued solely for information and planning purposes and should not be construed as a commitment of any kind. EOI submission is not required to be considered for inclusion on the invitation to bid at a later date.

Description of the initial scope: Building upon modular hot cell (MHC) design concepts being considered for the Radioisotope Processing Facility project, ORNL is developing a heavily shielded MHC design. Based on this design, a test article (prototype) will be fabricated, set up "cold," and tested for various aspects including what types of remote systems work best, cask interface design, how waste removal would work, and other operational evolutions. The end-product of this activity is a heavily shielded MHC design and a 2-pack MHC prototype. The final MHC design is to incorporate optimized design features, fabricability lessons learned, and operations/maintenance feedback from the prototype use. The MHC design and lessons learned will be the basis for subsequent GFE procurements to be deployed across ORNL or other laboratories in support of DOE IP missions.



Submittal Requirements: The EOI submittal requirements consist of a narrative summary overview of up to maximum of two (2) pages in length (not to include NQA-1 program). The EOI response shall address the following:

- Provide examples of two (2) projects of similar type, size and scope
- DOE/Federal and/or local Work Experience
- Company name, key contact, address and Contact information for potential future solicitation.
- Confirmation of approved NQA-1 2008/2009A or later QA program (with the ability to meet NQA-1 2019 or NQA-1 2022 being preferred).
- Copy of company NQA-1 quality assurance program table of contents/index.

Responses: All responses will be electronic format and emailed to turowskirm@ornl.gov and must be received no later than May 17, 2024.