

[Notice]

- 1) ITB No.: ITB23-KCN-01
- 2) Item for Bid:
Consulting for technical support on the key licensing issues for innovative small modular reactor
- 3) Submittal Due Date: February 3, 2023 (09:00 a.m. KST)
- 4) Type: Limited Competitive Tendering, Contract through Negotiations
- 5) Budget: USD 547,500
- 6) Expected Completion Date: December 31, 2023
- 7) General Scope of Services
 - Review and recommendation on the Support Design of Reactor Vessel and Steel Containment
 - Operation experiences and related system requirements for the soluble boron-free Chemical and Volume Control System (CVCS)
 - Structural Design and Leakage Integrity Assurance of Steel Containment
 - Review on the Sealing for the control rods drive mechanism
 - Review on the Requirements for the Materials Integrity of SMR
 - Design, Fabrication, Inspection and Maintenance for Nozzles and Tubes of SMR Steam Generator
- 8) Qualification (eligibility) for Bid:
 - Experiences of design of Nuclear Power Plants and/or technical development for Nuclear Steam Supply System
 - Experiences of resolving licensing issues in Nuclear Steam Supply System in cooperation with United States Nuclear Regulatory Commission
 - Experiences of participating in licensing review activities for Small Modular Reactor
- 9) Contact Point : **Contract Dept., KEPCO E&C, Inc.**
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