



The Korean Peninsula Energy Development Organization
600 3rd Avenue, 12th Floor
New York, NY 10004

June 25, 2002

**Opportunity to Participate in CO2 Storage Systems:
Package No. 9-634-M256**

The Korean Peninsula Energy Development Organization (KEDO) is offering companies from KEDO Member Countries an opportunity to participate in the procurement of materials, components, and equipment for the construction of its Light Water Reactor Project in Kumho, North Korea.

This particular opportunity is for the supply of CO2 storage systems. Interested companies who possess the technical capability, production capacity, and financial stability to offer a competitively priced product are encouraged to respond. KEDO will review the responses from interested companies and compile a consolidated list of candidates. This list will be forwarded to Korea Electric Power Corporation (KEPCO), the Prime Contractor, with instructions to qualify these companies for inclusion in their Pool of Qualified Suppliers.

Any company interested, and who deems themselves capable of being qualified, in providing CO2 storage systems is encouraged to complete the enclosed brief corporate overview and return it with any additional relevant corporate information to KEDO before the close of business on July 26, 2002. A brief summary of the technical specification for this procurement is enclosed to assist companies in making a determination to participate.

This information is also posted on KEDO's Web Page at www.kedo.org.

Companies selected by KEDO to be considered for this procurement should receive a qualification package from KEPCO around mid October 2002.

If you have any questions regarding this opportunity, please feel free to contact Mr. Soon nam Jung at (212) 455-0207.

Sincerely,

John B. Mulligan
Director, Project Operations Division

Attachments: Summary of PPI (1 page)
Brief Corporate Overview Form (2 pages)
xc: BMC Liaisons (S. Zero, C. H. Hahn, Y. Yamada)

Summary of PPI
SPEC NO. : 9-634-M256
TITLE : CO2 Storage System
PROCUREMENT SOURCE: OB QUALITY CLASS: T, S
FORECASTED ITT ISSUE DATE: March 31, 2003
FORECASTED CONTRACT AWARD DATE: April 30, 2004
FORCASTED INITIAL SITE DELIVERY DATE: February 28, 2005
Description
a. Safety Category: Non-Safety Related
b. Relevant Codes and Standards (in effect as of December 31, 1996): - Korean Fire Protection Laws - NFPA - ASME NQA-1 ¹ -ASME Section VIII
c. Scope of Supply (for two 1000 Mwe units) - CO2 Storage Tank with Refrigeration Unit: 1 set per unit (2 sets total) - Electric vaporizer: 1 set per unit (2 sets total) - Low Pressure Fire Suppression Systems: 18 sets per unit, 6 sets per common (42 sets total) - Clean agent fire suppression systems: 10 sets per unit (20 sets total) - Clean agent bottle set: 1 set per unit (2 sets total) - High Pressure CO2 Bottle Set : 1 set per common (1 set total) - High Pressure Fire Suppression Systems: 14 sets per common (14 sets total)
d. Design Requirements - All equipment shall be officially approved for fire protection service in accordance with the requirement of the Korean Fire Protection Laws or NFPA - CO2 storage tank shall be equipped with a safety valve in accordance with CGA and shall be designed so that it can be filled directly from a carbon dioxide tank truck - Refrigeration unit shall be capable of maintaining the liquid carbon dioxide at 0°F - Electric vaporizer shall be capable of producing the superheated carbon dioxide vapor at 100°F - Clean agent and high pressure CO2 cylinder set shall be equipped with main and reserve banks - Carbon dioxide shall be of good commercial grade, free of water and other contaminants
e. Technical Requirements - Quality Assurance Program Manual - Equipment Performance Test
<i>Note: ¹ The extent to which the QA requirements are to be applied shall be consistent with the importance to nuclear safety of the item, service or process. A graded approach, which can satisfy the necessary requirements and ensure the required quality and safety, shall be used.</i>

Brief Corporate Overview Form

Procurement Package No. 9-634-M256	
Vendor:	Country¹:
Note: ¹ The nationality of a multinational corporation (a business organization that is based in one State and has branches, subsidiaries, and plants in other States) is the State in which the business unit signing the Subcontract is located.	
1) Demonstrated Quality – Provide a brief description of your quality assurance program. Reference any applicable Regulatory Codes and Standards certificates your company currently holds. Give examples of how your company has demonstrated that it can produce the product in question to the quality standards required, including any products for power plant applications. Address any significant warranty work for these products in the last 5 years.	
2) Capability to Produce the Product – Discuss the production capacity of the facility that will make this product. Include the approximate percent capacity that will be dedicated to this production and any other fabrication scheduled for the facility during this time period (backlog). Describe your company's technical (design, engineering, manufacturing) expertise that will be in support of this production.	

Brief Corporate Overview Form (Continued)

3) **Demonstrated Schedule Performance** – Give examples of schedule performance for past manufacturing and delivery of similar products.

4) **Company Stability** – What is your company's financial status in terms of Dun & Bradstreet ratings and financial ratios? Include a copy of your company's annual report with your response.

This form may be submitted electronically, by fax, or courier service at the following addresses:

e-mail: snjung@kedo.org
fax: 212-949-8071

address: Mr. Soon nam Jung
KEDO
600 Third Avenue 12th Floor
New York, NY 10016