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1 GENERAL

1.1 Project Overview

Saudi Aramco is currently developing a large world-scale electric power plant adjacent to the 400,000 BPSD grassroots Jazan Refinery & Terminal Project being developed in the Jazan Economic City (JEC) in the southwestern region of Saudi Arabia. The power plant will be based on Integrated Gasification Combined Cycle (IGCC) technology and will not only serve the refinery power needs, but also export a large amount of power to the national grid to meet the growing national demand for electric power.

The JIGCC Project will be integrated with the Refinery. Synergies include, but are not limited to, combined seawater intake, power generation, steam generation, potable water, hydrogen, etc. from the IGCC to the Refinery. The primary feedstock to the power plant will be the vacuum residue (VR) produced in the Refinery plus imported high sulfur fuel oil (HSFO). The design feed capacity of the IGCC is expected to be about 110MBD of VR and/or HSFO and will export a minimum of 2.4GW of net power to the grid.

1.2 Contract Basis

OWNER is Aramco Services Company. SEPCO is the EPC Contractor.

1.3 Plant Design Life

Plant design life years: 25 years

1.4 Definitions and Abbreviations

COMPANY	Means Saudi Arabian Oil Company, Saudi Aramco and Companies affiliated thereto, including but not limited to Aramco Overseas Company (AOC) and/or Aramco Services Company (ASC).
BUYER	Means SEPCO.
VENDOR	Means an organization that has a contractual arrangement with SEPCO or a prospective contractual arrangement with SEPCO to supply equipment, materials and/or services including documentation.
SELLER	Means the VENDOR or an organization or organizations contracted by and wholly responsible to VENDOR for executing a specific part of the WORK.
WORK	Means all the work and services to be performed by VENDOR under a contractual

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arrangement with the SEPCO.

SUPPLIER	Means SELLER.
MR	Material Requisition
PIM	Pre-Inspection Meeting
SAIC	Status Analysis Information & Costing
SAMSS	Saudi Aramco Material System Specifications
SAEP	Saudi Aramco Engineering Procedure
SAES	Saudi Aramco Engineering Standards
SA-175 forms	Saudi Aramco Inspection & Testing Requirements Forms
NMR	Non- Materials Requirements
SEC	Saudi Electric Company

1.5 Project Design Data

Please refer to attached A10-A-DOC-VE-911677_D Project Design Data

2 JOB REQUIREMENTS

2.1 General

SUPPLIER shall fully comply with all the technical documents and attachments listed in this MR, except for approved deviations provided in the deviation list (the deviation list form shall be showed with quotation form) and accepted by BUYER. The SUPPLIER shall keep all drawings, specifications and standards referenced in this requisition. Anything mentioned in specifications and not shown on drawings, or shown on drawings and not mentioned in specifications, shall be of like effect as if shown or mentioned in both. In case of conflict between or within the drawings, specifications or standards, the matter shall be promptly submitted to the purchaser, the conflict shall be resolved in accordance with the following order of precedence:

- a) Saudi Aramco Engineering Standards (SAES's)
- b) Saudi Aramco Materials Systems Specifications (SAMSS's)
- c) Saudi Aramco Standard Drawings
- d) Saudi Aramco Engineering Procedures (SAEP's)

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- e) This Material Requisition
- f) Equipment Data Sheets
- g) Project Specification
- h) International Codes and Standards

If any inconsistency or conflict exists between these documents and other purchaser's documents, Industry Standards, Codes or Drawings, it shall be the responsibility of the SUPPLIER to bring the inconsistency to the attention of the purchaser in writing. The purchaser shall resolve the inconsistency or conflict.

The attached equipment data sheets shall be completed by Vendor for submission with bid. The datasheet shall be submitted as PDF and excel file.

All data and measurements shall be expressed in SI metric units.

All documentation shall be in the English language and use the English (International) dictionary. Language usage disputes shall be resolved by reference to the Oxford English Dictionary.

Equipment warning labels and instruction labels shall be in the English and Arabic languages.

Site conditions shall be as specified on the data sheets and SAES-A-112. In addition, vendor shall consider basic wind speeds of 145 km/hr for Jazan.

2.2 Scope of work

Please refer to attached SEP-PGB-PR-SOW-1037_00 Scope of Supply/Work

2.3 Technical Requirements

Please refer to SEP-PGB-PI-REQ-1037-001_00 General Technical Requirements for Carbon Steel Welded Pipes

2.4 Supplier Data and Management Plan

Please refer to attached SEP-PGB-DC-PLN-0002_2 Supplier Data and Management Plan

2.5 Deliverable Requirements

Please refer to attached SEP-PGB-PR-REQ-1037-002_00 Deliverable Requirements

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2.6 Exception / Deviation / Clarification

The SUPPLIER'S scope of work and supply shall fully comply with the requirements of this Material Requisition and the reference documents except for the Clarifications and Exceptions listed in deviation list template provided by BUYER. Any Deviation concerning equipment performance which specified on Saudi Aramco standards and specifications is not allowed.

2.7 Supplier Responsibilities

The SUPPLIER shall control, co-ordinate, expedite and resolve all problems with SUB-SUPPLIERS in order to meet the requirements of this Material Requisition. The SUPPLIER shall guarantee and be responsible for the design and performance of all sub-supplied items. The SUPPLIER shall ensure that relevant information, reference documents and documentation requirements are transferred to all SUB-SUPPLIERS.

The SUPPLIER shall be responsible for the design, engineering, materials of construction, manufacture, co-ordination, assembly, inspection, testing, packing, marking and for the proper functioning of the equipment in his supply.

The SUPPLIER shall be responsible for reviewing SUB-SUPPLIER drawings and documents to ensure compliance with applicable specifications.

The SUPPLIER shall select SUB-SUPPLIERS for the supply of equipment and materials from the COMPANY Regulated Vendor Lists.

The SUPPLIER shall provide for the BUYER at the quotation stage a complete list of equipment along with a list of the proposed SUB-SUPPLIERS.

2.7.1 Guarantees

The SUPPLIER shall guarantee that the complete scope of supply shall safely and reliably meet all of the requirements of this Material Requisition and its reference documents.

2.7.2 Documentation

The SUPPLIER shall provide documentation and as required by reference documents listed in relative Specification. SUPPLIER shall add other required documents according to NMR.

The SUPPLIER shall provide completed Equipment Data Sheets for all equipment.

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2.8 Corrosion Protection and Surface Finish

All equipment and materials shall be supplied suitably protected from corrosion during transit, storage, after installation and during operation. The Project requirements for protection are included in the documents referenced in applicable relative specification.

2.9 Preservation and Protection

The SUPPLIER shall advise any requirements for preservation of equipment and materials should they require long term storage after delivery. The SUPPLIER shall provide all materials required for preservation and protection required for shipment and storage on site prior to installation.

2.10 Packing and Shipping

The SUPPLIER shall ensure that all equipment and materials are designed and packed for transit to site without damage and in accordance with the requirements of the documents listed in applicable relative specification.

Vendor shall submit estimated shipping volume and Equipment size (mm × mm × mm). Only 10% negative tolerance is acceptable for assumption of size and shipping volume.

2.11 Field Services

The SUPPLIER shall quote for the provision of suitably qualified and experienced personnel for the supervision of field services. The following field services are required:

- Installation
- Pre-commissioning
- Commissioning

These Field Services will be the subject of a separate site contract. Vendor representatives are necessary for a safe start-up.

2.12 Training

The SUPPLIER shall quote for the provision for suitably experienced and qualified personnel to be available to train the COMPANY personnel in,

- Commissioning
- Operation

以上内容仅为本文档的试下载部分，为可阅读页数的一半内容。如要下载或阅读全文，请访问：<https://d.book118.com/098054064137006106>