

### OCTOBER 2023 QUARTERLY EXIDASP NEWSLETTER

ExidaSP is an Oil and Gas Engineering Consultancy established in December 2006 specialized in providing Program/Project Management Consulting, Engineering, and Manpower to Oil & Gas organizations worldwide. ExidaSP has served clients in North America, Middle East, and the African Region.

ExidaSP currently hosts a breadth of offices: Engineering Headquarters established in Dubai (UAE), Vancouver (Canada), New Westminister (Canada), Abu Dhabi (UAE), Erbil (Iraq), and Basra (Iraq).

ExidaSP's mission is to provide our clients with world-class level of service and successfully deliver projects within allotted schedule and budget; this is done by leveraging our technical expertise and management skills, where we provide tailored solutions and high-level of attention to each of our clients.

### "EXCELLENCE IN PROJECTS DELIVERY"



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# LATEST NEWS



Mr. Sagi Sebastian, our Deputy Project Director and Lead Instrument Engineer, hiked Mount Everest on an 11-day trek climbing approximately 5,400 meters; what an impressive feat!



Mr. Yousif, CEO & Managing Director, attended the 24th World Petroleum Congress; focusing on garnering new connections and strengthening our existing international relationships.



ExidaSP Process Engineering Team, Mr. Rahul (PM) & Mr. Nico (Process Engineer), visited Dar Petroleum's Debottlenecking Facility in Juba, South Sudan in order to collect oil samples and conduct a comprehensive site visit. ExidaSP team continues to deliver in any part of the world.

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### **NEW PROJECTS**

#### Technical Service for Engineering Projects in MEDC for Year 2024 & 2025

#### Client: CPE

#### Scope of Work: Engineering (GSA)

Provide required Technical Service to support COMPANY for carrying out design engineering, detailed engineering, technical support for procurement activities such as; Material Requisitions (MRs), Technical Bids Evaluations (TBEs) & Vendor Data Requirements (VDRs), as well as support for the project management, planning, control, cost control, document control, construction and commissioning Work, as required.

#### **Human Factors Engineering Study**

#### **Client**: ADNOC/Técnicas Reunidas

#### Scope of Work: Study

The Scope of Work includes, but not limited to:

- Human Factor for FEED phase of the Facilities described above, including non-licenced and licenced systems.
- Analysis, review, desktop activities, workshops and production of the corresponding studies and applicable reports.
- Execute this study in compliance with the relevant Client CoPs & Specification, HSE Guidelines and International Standards.

#### Provision of Third Party Technical Review for Paloch De-Bottlenecking (DBN) Facilities

**Client**: Dar Petroleum Operating Company

Scope of Work: Manpower Supply

Evaluate the Process Issues with the aim of de-bottlenecking the facility to achieve the original design intent. Conduct Site Visit and Sampling to inform de-bottlenecking recommendations.

Adhere to DPOC Standards & Codes, South Sudan's Rules, Regulations, and Laws, and International Standards and Best Practice.

#### Flare and Relief Sizing Verification Services

#### Client: CPECC

#### Scope of Work: Detailed Design

Work to be provided comprise the following:

• Perform a detailed design verification of the Flare and Relief Systems for the West Qurna I (WQI) Oil Trains 2 and 3 located at Degassing Station 7 (DS7) and Degassing Station 6 (DS6);

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- Lead the flare and relief sizing verification works;
- Integrated Engineering Management Team;
- Performing Sizing Calculations
- Review of Flare Net Model Network;
- Study for Acoustically Induced Vibration (AIV) for PSVs
- Flare radiation / dispersion Calculations Excluded for 3rd Party Scope

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#### **Detail Design Engineering of RETM-KRS2 Pipeline**

#### Client: Kurdistan Pipeline Company Pte Ltd

#### Scope of Work: Detailed Design

As conducted In-Line Inspection by the COMPANY on the existing 36" pipeline of RETM-KRS2, high corrosion rate was observed and many defects in 36" pipeline were reported. As per feasibility study report, COMPANY agreed with Solution 2 which is replacement of entire pipeline with a reduced diameter new 24" pipeline fit for the scope. This modification allows to increase the fluid velocity reducing the water droplet settle out velocity and promoting water in oil emulsion flow pattern inside the pipeline.

The Services to be provided under the Contract may include, but not be limited to:

- Project management;
- Verification of the documents of the feasibility study dossier;
- Verification of available data;
- Identifying major gaps;
- Site visit/ verification;
- Site survey RETM & KRS2 and ;
- Detailed engineering.

#### **Call-Off Contract for the Provision of Engineering Consultancy Services**

#### Client: TAQA Atrush B.V.

**Scope of Work**: Engineering (GSA)

The Services to be provided under the Contract may include, but not be limited to:

- · Feasibility studies and frontend engineering studies;
- Detailed design activities, including preparation of procurement documentation (invitation to tender packages) and technical bid evaluations;
- Provision of personnel to work within TAQA's organization;
- The provision of any other work and Services incidental to the foregoing including 'as building' documentation, survey works, minor plant changes, etc.

#### **Project Management Site Services**

**Client**: TAQA Atrush B.V.

Scope of Work: Manpower Supply

Contractor shall provide the required personnel, and personnel management to support TAQA's project activities as required.

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#### **Detailed Design Study for Sour Gas Incinerator with WHRU**

#### **Client**: TAQA Atrush B.V.

Scope of Work: Detailed Design

To install a MODIFICATION that includes a Sour Gas Incinerator with associated Waste Heat Recovery Unit (WHRU). This will reduce the visible flare by burning the Gas in the Incinerator. The high temperature exhaust gas from the Incinerator will pass through a WHRU, which shall be integrated into a New Hot Oil System, which is used for on-site process heating requirements.

#### Provision of Engineering and Design Services for the Block 8 Field

Client: ConfidentialScope of Work: Engineering (GSA)Concept, FEED and Detailed Engineering.

**Provision of Engineering and Design Services for the Block 9 Field** 

Client: Confidential Scope of Work: Engineering (GSA)

• Concept, FEED and Detailed Engineering.

#### Technical Service for Engineering Projects in MEDC for Year 2023 & 2024

#### Client: CPE

#### Scope of Work: Engineering (GSA)

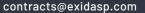
Provide required Technical Service to support COMPANY for carrying out design engineering, detailed engineering, technical support for procurement activities such as; Material Requisitions (MRs), Technical Bids Evaluations (TBEs) & Vendor Data Requirements (VDRs), as well as support for the project management, planning, control, cost control, document control, construction and commissioning Work, as required.

#### Provision Of Engineering Call-Off Services for Phases 1B, 1C and 1D

Client: Gulf Keystone Petroleum International Ltd. Scope of Work: Engineering (GSA)

- Basic Engineering Design for Amine Unit in PF-2;
- Existing & New Desalter Design Support;
- Fired Heater Modifications;
- Fired Heater BMS Modification;
- F&G Mapping Implementation.

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#### Provision of Engineering Services (BAESHIQA)

#### **Client**: DNO Iraq AS

Scope of Work: Engineering (GSA)

The Company has drilled three Exploration Wells in the Contract Area: B-1, B-2 and Z-1. All wells have been tested in multiple zones. 3 more wells, Z-2, Z-3 and B-3 will be drilled in 2022. The Contract Area is located approximately 60 kilometers west of Erbil and 20 kilometers northeast of

Mosul. The Discovery includes several oil-bearing Reservoirs in both in the Triassic and the Jurassic The Contract Area, covers 327 square kilometres.

#### **Provision of Engineering Consultancy Services**

### Client: Confidential Scope of Work: Engineering (GSA)

Call-Out Contract for Provision of Engineering Consultancy Services to Garmian block located in the Kurdistan Autonomous Region, Republic of Iraq.

#### Pre-FEED, FEED, Detailed Design, Engineering and Support Services

Client: G.S.P.S International FZ-LLC

Scope of Work: Engineering

The Services to be provided cover, but are not limited to, the following core activities:

- Project Management;
- Documentation Management;
- Engineering Management;
- Engineering Calculations and Simulations;
- Equipment Design and Material Requisitions;
- Preparation of Fabrication, Construction, Installation, and/or Commissioning Drawings;
- Preparation of Specifications, Procedures, and/or Philosophies;
- Preparation of an integrated 2D and 3D models;
- Preparation of As-Builts.

#### Provision of Engineering and Design Services for the Block 11 Field Development Projects

#### Client: Confidential

Scope of Work: Engineering (GSA)

- Service Order No. 03 IT and Telecom Infrastructure;
- Service Order No. 06 FEED of Modernization of Bejil EWT Facilities (Stages 2 & 3).

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#### Framework Agreement for a Project Management Contract

Client: SONATRACH Scope of Work: PMC A multi-year framework agreement for the performance of Project Management Contract "PMC" services for EPC Contracts.

## **HUMAN RESOURCES**



ExidaSP is pleased to announce the recent hiring of talents into our current projects department as per below:

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- Senior Electrical Engineer (No. 1)
- Electrical Engineer (No. 1)

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