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## **BID Announcement for Companies**

Cabinda Gulf Oil Company Ltd (CABGOC), Chevron subsidiary is one of Angola's top petroleum producers, is going to be issuing a Tender for the services described below:

### **BID Announcement Number: RFBA-009-FE-2020**

Scope of Work:

Provision of Flare & Relief (F&R) systems study in selected Company facilities located offshore in Block 0 and Block 14.

Company desires to evaluate the F&R system design against the requirements of Company's current Technical Codes & Standards (TC&S); this F&R system design review (STUDY) includes multiple steps.

From a high level, the following will need to be performed (or reviewed) by CONTRACTOR:

- Identification of protected systems and creation of protected systems sketches (in MS Visio).
- Overpressure scenario analysis and relief calculations (in iPRSM®), for each protected system.
- Network flow simulations for all Flare Headers and Vent Headers (using AFSA™), also covering global relief scenarios.
- Blowdown simulation, using HYSYS® BLOWDOWN utility
- Dispersion modeling for Vent Headers
- Acoustic Induced Vibration (AIV) screening/evaluation
- Radiation simulation for all flares
- Knockout/Blowdown drum sizing to determine liquid particle separation and liquid surge time.
- Categorization of deficiencies based on potential consequence (per COMPANY's Mfg-600).
- Generation of mitigation alternatives to address identified deficiencies.

Company general expectations on Contractor performance of services:

- Generate high quality deliverables while executing the STUDY efficiently. In case COMPANY would be (repeatedly) dissatisfied with CONTRACTOR's performance, COMPANY may decide to transfer the project to another party.
- Deploy adequate resources to this STUDY; personnel with prior experience in flare & relief systems design, knowledgeable of API Standards 520 Parts I & II, 521, 526, 2000, RP 14C and familiar with relevant CES (see Section 4).
- Ensure that all deliverables are checked and approved at the appropriate revision prior to issue to COMPANY for approval.

If a company is qualified based on the described services and material provider and is interested in being considered for participation in that tender they can submit their information through our website [www.angola.chevron.com](http://www.angola.chevron.com), Suppliers page, BID Announcement; fill the Supplier information form and forward to [concurso@chevron.com](mailto:concurso@chevron.com) within the time stipulated in the internet.

**Cabinda Gulf Oil Company Limited**

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