

**ÂMBITO DO SERVIÇO À SER CONTRATADO**

<b>BID REFERENCE</b>	04/ITT/DIRCL/2020
<b>NAME OF SERVICE</b>	Engineering Studies (FEED)
<b>CONTEXT</b>	
Sonangol Pesquisa & Produção SA as operator of block 3/05A on Angolan offshore, intends required a specialized Contractor to conduct engineering studies and Selection and award to the winning Contractor.	
<b>SCOPE OF WORK</b>	
<ul style="list-style-type: none"> <li>• FEED Studies for Punja Field Development (Phase I);</li> <li>• Technical Feasibility Studies for Punja Project (Phase II);</li> </ul>	
<b>CONTRACT DURATION</b>	<b>WORK SITE</b>
180 Days	Offshore Block 3/05A
<b>DETAILED SCOPE OF WORK</b>	
<b>Phase I – Development of the two (2) subsea wells (FEED):</b> <ul style="list-style-type: none"> <li>• Subsea Field Architecture (Optimized Concept);</li> <li>• Palanca Sector Site Survey:                             <ul style="list-style-type: none"> <li>○ Identification of upgrades necessary to accommodate the production.</li> </ul> </li> <li>• Flow Assurance Studies:                             <ul style="list-style-type: none"> <li>○ Identification of line diameter(s);</li> <li>○ Thermal Insulation;</li> <li>○ Arrival Pressure and Temperature;</li> </ul> </li> <li>• Oil compatibility report of Palanca and Punja fields;</li> <li>• Definition of Gas Management Strategy;</li> <li>• Definition of the Project’s Contracting Strategy;</li> <li>• Project Execution Schedule;</li> <li>• Implementation Cost (+/-25%);</li> <li>• Risk Matrix;</li> </ul> <p style="text-align: center;"><b>Phase II – Feasibility Studies for Field Development:</b></p> <ul style="list-style-type: none"> <li>• Optimal Development Selection (7OP &amp; 4GI);</li> <li>• Concept Selection Report;</li> <li>• Definition of Gas Management Strategy;</li> <li>• Definition of Contractual Strategy;</li> <li>• Cost Estimates (CAPEX/OPEX/ABEX);</li> </ul>	

- Project Schedule;
- Risk Matrix;

## PROGRAM

### Phase I:

- Contractual Strategy;
- Contracting Definition of facilities engineering services;
- ITT Process;
- Bidding/Approval/Signature;
- Engineering-FEED (Facilities);

### Phase II:

- Preparation of technical feasibility studies;
- Submission of the final report;
- Approval of the Development Concept;

## OUTROS REQUISITOS

(N/A)