



**PEMEX EXPLORATION AND PRODUCTION
NORTHERN REGION SUBDIRECTION
DRILLING AND WELL MAINTENANCE
MANAGEMENT CONTRACT SERVICES
SUBMANAGEMENT
NORTH DIVISION**

**"PRODUCTION RESTORATION WORK ON NORTHERN REGION ASSETS
(PACKAGE III)"**

ANNEX "B"

GENERAL AND PARTICULAR ESPECIFICATIONS

CONTENT

[...]

C.3 CONTRACTOR'S OBLIGATIONS

[...]

3.3 The CONTRACTOR'S obligations and responsibilities, pursuant to this Chapter and in accordance with Annex DT-3 for a better understanding and interpretation with the supervisors of both the CONTRACTOR and PEP, include among others the following:

- II. Provide the equipment to carry out the restitution work, as well as all its components, surface control equipment and the maintenance thereof, the water required for its operation, the fuels, greases and lubricants necessary for the maintenance and operation of its equipment.
- V. Provide the materials, tools and equipment necessary to perform the work, in order to guarantee the operational reliability of the equipment and components established in Annex DT-3.
- VI. Supply the materials, tools and equipment necessary to carry out the work under this contract, including:
(...)

- VII. In the event that any well to which an intervention is carried out presents a problematic fishing, and it is necessary to carry out operations with special and/or fishing tools not contemplated in the basic ones requested in the previous section, the CONTRACTOR, at PEP's request, shall provide the tool specified in items 11.1 to 11.53 of Annex DE-2.
- VIII. Execute at PEP's instruction, the additional and complementary works and services specified in this Annex B and Annex DE-2.

[...]

3.8 The CONTRACTOR shall provide the equipment to carry out the restitution work, including maintenance, in accordance with the following and as stipulated with Annex DT-3 (Equipment to be provided by the CONTRACTOR).

- a) The CONTRACTOR awarded with 60% of the contract work shall provide 3 oil well repair units, a rod holder equipment, a slackline unit and an oil well drilling and sensor units all with the characteristic and specifications described in Annex DT-3.
- b) The CONTRACTOR awarded with 40% of the contract work shall provide, 2 well repair units, a rod holder equipment (rodding team) and a slackline unit, all with the characteristic and specifications described in Annex DT-3.
- c) In the event that the CONTRACTOR, winner of 60% of the construction job, is also awarded the other 40%, in accordance whit the awards criteria, he shall provide 5 well repair unit, a rod holder equipment (rodding team), a slackline unit, and oil well drilling and sensor unit (borehole and well insertion unit), all of them with the characteristics and specification described in Annex DT-3.

According to the operative requirements of the Annual Intervention and Investment Program, PEP may request additional equipment from the CONTRACTOR for the restitution of production, with similar characteristics to those initially proposed, for which purpose it shall communicate and reconcile with the CONTRACTOR, and shall provide them and make them available to PEP within a period of no more than 45 calendar days from the date of PEP's written request.

The CONTRACTOR shall have the obligation to provide the equipment, tools, materials and others, set forth in Annexes B and DT-3, as well as to maintain its equipment, accessories and tools in optimal operating conditions, to guarantee the quality required by PEP in the work under this contract, for which it undertakes to carry out maintenance programs for its units and tools without this interfering with the performance of its obligations set forth in this contract, which may generate a delay for PEP.

3.9 During and after each intervention, the CONTRACTOR's location, equipment and units shall remain clean, that is, free of fluids that could contaminate and/or put at risk the safety of the personnel, equipment, facilities and/or environment, in accordance with PEP's safety, health and environmental protection policies

3.10 At PEP's request, the CONTRACTOR shall perform the inspection and rehabilitation of the production tubing that is recovered in place, the hydrostatic test of the production rig when it is introduced to the well, the washing of the well and filtering of the fluid before introducing the definitive rig, as well as the drilling and induction of wells with hydraulic unit and operations with slackline unit. These services will be paid according to Annex DE-2 and in accordance with the work scopes of Annex "B", related to the Particular Specifications.

3.11 PEP shall request the CONTRACTOR the on-site inspection of the pipe coming out of the well, depending on an analysis made between both parts of the well to be intervened. The payment for this service shall be per piece, meaning that it shall be per pipe inspected and rehabilitated (interior and exterior cleaning of the pipe) on site, the CONTRACTOR shall be responsible for coordinating the personnel, equipment, materials and tools required to perform this activity.

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