**TECHNICAL ASSIGNMENT**

**for the Procurement of Repair Services**

Requests for procurement in the SAP system

S63NFS0438

Request for procurement 10170576

Choose the type of service:

g) performance of works

Specification of services:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **SAP number of service** | **Description** | **UoM** | **Quality certificate** |
| 1 | 600000476 | Reparation of downhole motors for coiled tubing of 1 11/16“ dimensions, National Oilwell Varco | Pcs |  |

Attachments / special technical requirements

*Reparation of downhole motors for coiled tubing:*

The service of reparation of downhole motors for coiled tubing relates to the replacement of all the parts within the motor so that the motor could operate without interruptions and meet the required characteristics during operation.

Motors have to be submitted for the reparation service, and the service provider has to conduct fault-finding on the basis of which it will be decided which parts to replace. Parts are replaced by using exclusively the tools specified for reparation of such type of downhole motor. The parts which have to be replaced, must be exclusively brand-new and original.

|  |  |  |
| --- | --- | --- |
|  | **Price per unit rate/hour / piece** | **Unit price** |
| 1 | Fault-finding (rate/hour) |  |
| 2 | Reparation (rate/hour) |  |

Parts of motors

|  |  |  |  |
| --- | --- | --- | --- |
| **Quantity** | **Description of part** | **Price per piece** | **Total price** |
| 2 | BEARING ASSEMBLY |  |  |
| 1 | BEARING MANDREL |  |  |
| 1 | BEARING HOUSING |  |  |
| 1 | THRUST HOUSING C/W BUSHING |  |  |
| 2 | BUSHING |  |  |
| 1 | ROLLER THRUST BEARING |  |  |
| 1 | THRUST BEARING SETTING SHIMS |  |  |
| 1 | OFF BOTTOM HOUSING RACE |  |  |
| 1 | OFF BOTTOM SHAFT RACE |  |  |
| 1 | SPLIT RING |  |  |
| 1 | ON BOTTOM HOUSING RACE |  |  |
| 1 | ON BOTTOM SHAFT RACE |  |  |
| 1 | ROLLER THRUST BEARING |  |  |
| 1 | RETAINER RING |  |  |
| 1 | HOUSING FLOW RESTRICTOR |  |  |
| 1 | SHAFT FLOW RESTRICTOR |  |  |
| 1 | PISTON HOUSING |  |  |
| 1 | BALANCE PISTON |  |  |
| 1 | COMPRESSION RING |  |  |
| 1 | DOWEL PIN |  |  |
| 1 | SNAP RING |  |  |
| 1 | SEAL KIT 300F(150C) MAX |  |  |
| 1 | NITRIDED BEARING MANDREL |  |  |
| 1 | BEARING HOUSING |  |  |
| 1 | THRUST HOUSING C/W BUSHING |  |  |
| 2 | BUSHING |  |  |
| 1 | ROLLER THRUST BEARING |  |  |
| 1 | THRUST BEARING SETTING SHIMS |  |  |
| 1 | OFF BOTTOM HOUSING RACE |  |  |
| 1 | OFF BOTTOM SHAFT RACE |  |  |
| 1 | SPLIT RING |  |  |
| 1 | ON BOTTOM HOUSING RACE |  |  |
| 1 | ON BOTTOM SHAFT RACE |  |  |
| 1 | ROLLER THRUST BEARING |  |  |
| 1 | RETAINER RING |  |  |
| 1 | HOUSING FLOW RESTRICTOR |  |  |
| 1 | SHAFT FLOW RESTRICTOR |  |  |
| 1 | PISTON HOUSING |  |  |
| 1 | BALANCE PISTON |  |  |
| 1 | COMPRESSION RING |  |  |
| 1 | DOWEL PIN |  |  |
| 1 | SNAP RING |  |  |
| 1 | SEAL KIT 300F(150C) MAX |  |  |
| 2 | FLEX SHAFT |  |  |
| 1 | FIXED (STRAIGHT) HOUSING 0 DEG |  |  |
| 1 | STRAIGHT HOUSING 1.70/1.75 OD |  |  |
| 1 | X-OVER SUB - 1.490-8TPI PNxBLANK |  |  |
| 1 | X-OVER SUB-AW ROD BOX UP |  |  |
| 1 | X-OVER SUB-API NC12 BOX UP |  |  |
| 1 | X-OVER SUB -1 1/4"REG API BOX UP |  |  |
| 1 | X-OVER SUB-1" AMT BOX UP |  |  |
| 1 | X-OVER SUB-1 1/4" AMT BOX UP |  |  |
| 1 | X-OVER SUB-1 1/2" AMT BOX UP |  |  |
| 1 | X-OVER SUB R&M POWER SECTIONS |  |  |
| 1 | FLOW SUB-AW ROD BXx1.375-8 TPI |  |  |
| 1 | X-OVER SUB-ROPER POWER SECTION |  |  |
| 1 | X-OVER SUB-NC 12 PINxAW ROD BOX |  |  |
| 1 | TOP SUB-1.700" OD BLANK |  |  |
| 1 | X-OVER SUB-1.500-10TPI BOX UP |  |  |
| 1 | Stator |  |  |
| 1 | Rotor |  |  |
|  | | **Total price of parts** |  |

Functional characteristics

- Interstage inspection is carried out by the Supplier, and the final inspection is conducted by the Supplier and the Client together at the Supplier's facility and location.

Since the service is provided exclusively at the Bidder's location, the Bidder must allow technical officers to be present during the service provision. The warranty for replaced parts given by the Supplier is valid for minimum 6 months. The warranty for rotor and stator is valid for minimum two years in storage conditions.

Additional:

Training ...............................................................................................................................☒

Start-up, Commissioning ...................................................................................................☐

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Energy efficiency

Deadline

Note:

* It is not allowed to specify the manufacturer (unless such specification is justified in terms of the scope of the Contract),
* It is not allowed to specify the budget value,
* If the tender documentation, as well as the technical part of the tender documentation, includes the Company's confidential data, it cannot be submitted to third parties, unless the Company has previously concluded the Confidentiality Agreement with them pursuant to the Company's standards.