

ТЕХНИЧКИ ЗАДАТАК / TECHNICAL SPECIFICATION



за набавку материјално-техничких ресурса / for the procurement of material and technical resources

Технички задатак за набавку / Technical requirement for procurement of :

| Р.бр. | Технички опис | English Description | Техничке карактеристике / Technical characteristics | Стандардни Цртеж | ЈМ Unit of measure | Количина | ИД-НМС елем. бр.и | Заст. за набав. (ЗН) | * Сертификат |
|-------|--------------------------------------|-----------------------------------|--|------------------|--------------------|----------|-----------------------|----------------------|---|
| 1 | PAKER MEH OPERAC. 5,SN 13, 15,LS/BFT | Mechanical set retrievable Packer | <p>Mechanical set retrievable Packer - heavy duty service packer for stimulation and workover.</p> <p>Service Packer is a full-opening compression set packer with hydraulic button type or mechanical slip type hold-down and built in unloader. It is used for conducting all types of squeeze cementing operations, casing leak detection, for formation fracturing, or high-pressure acidizing and subsequent testing.</p> <p>The Retrievmatic packer should have the ability to do reset operation more than once (multiple activation - deactivation during one descent)</p> <ul style="list-style-type: none">• Full opening for passage of wireline conveyed equipment• Large bypass area permits circulation around and through tool while running• Releases easily and dependably and equalizes completely through the tool with straight pickup• Hold-down buttons maintain packoff during high-pressure operations from below• Face-Seal Unloader permits circulation completely around bottom of tool• Proven 3 element packing system <p>Technical data of the packer:</p> <ul style="list-style-type: none">• Size 5 1/2" x 13 - 15.5 # x 2 3/8"• ID min 1.98"• 10.00psi differential pressure rating.• 177 deg C Temperature Rating• 2 3/8" EUE Box x Pin• Setting by Right/Hand, Pick-Up Release.• Packer to be activated only by compression, no tension activation possibility• Possibility of activation and achieving hermeticity in casing P110• Material Class P110• API marking <p>SPARE PARTS:</p> <ul style="list-style-type: none">• For each packer delivery:- 5 (Five) repair kit for packer 5 1/2" x 13-15.5 lbf casing 177 deg C- 10 (Fifteen) repair kit for packer 5 1/2" x 13-15.5 lbf casing 138 deg C- 2 (Two) sets all slips and drag block for casing 5 1/2" x 13-15.5 lbf- 1 (One) Body for packer 5 1/2" x 13-15.5 lbf <p>Note:</p> <p>Repair kit must contain all the removable parts which ensure undisturbed operation / complete service of the equipment (sealing elements, springs, screens...).</p> <p>Confirmation that the sealing element are not older than six months</p> <p>The delivery every sets in packing box</p> <p>The customer reserves the right to check the completeness of the offered parts (sets) after reviewing the submitted technical documentation and requests the completion of sets in accordance with his needs.</p> | | Qty. | 2 | 250M001129 7025233 | ZZN 10471038 | <p>QUALIFICATION CRITERIA:</p> <ul style="list-style-type: none">• Reference list from manufacturer (memo style) with international validation for the offered model, mechanical compression set retrievable packer.• The Bidder has to provide positive the reference that cooperate with SINOPEC OR CPTDC (for Chinese bidders)• Historical design verification for model offered. <p>GUARANTEE OF QUALITY:</p> <ul style="list-style-type: none">• Warranty period of 2 years for functionality - reliable work with equipment in accordance with the specified technical requirements and the specified operations from the technical task• Permanently - during the entire service life of the tool. For guaranteed mechanical and chemical characteristics of steel.• Rubber sealing elements safe and reliable implementation of the operation, guarantee that they are adequate for the specified conditions of exploitation• Post-sale service and technical assistance <p>ACCOMPANYING TECHNICAL DOCUMENTATION, IF IT IS NECESSARY SUBMIT THE DOCUMENTS ALONG WITH DELIVERED EQUIPMENT:</p> <ul style="list-style-type: none">• Delivery Passport – Data Book for all tools separately, with incoming data PN, SN, Name of Equipment, Name Manufacturer, tool, production year.• Report of FAT (Factory Acceptance Test). Confirmation that inspections are performed on all tool components during production, assembly and final functional test. Reports are an integral part of DataBook.The Contractor reserves the right to perform the FAT at any time• Certificates of Quality materials EN 10204-3.2• Mill test certificate (metal product compliance with international standards, ANSI and ASME)• Materials Test Report (MTR)• Report of visual and dimensional inspection for each tool separately• Part Number Catalogue• Storage Instructions• Report of Inspection EC declaration of conformity• Delivery operating Instructions (activation and deactivation). Detailed instructions for servicing (lifting), assembly drawings with marked positions and associated parts PN (all manuals will be translated in Serbian language and delivered with equipment)• Equipment must be new and not used• Equipment must have Certificate API Spec 10D1 - hard marking• Corrections according to API 10B - validation with certificate• The Bidder has to provide the report from TPI inspection (10% of ordered quantities per each Packer has to be inspected and properly marked), the unit price per Qty, has to include the cost of first party inspection from API certified house |
| 2 | PAKER MEH OPERAC. 5,SN 15,5- | Mechanical set retrievable Packer | <p>Mechanical set retrievable Packer - heavy duty service packer for stimulation and workover.</p> <p>Service Packer is a full-opening compression set packer with hydraulic button type or mechanical slip type hold-down and built in unloader. It is used for conducting all types of squeeze cementing operations, casing leak detection, for formation fracturing, or high-pressure acidizing and subsequent testing.</p> <p>The Retrievmatic packer should have the ability to do reset operation more than once (multiple activation - deactivation during one descent)</p> <ul style="list-style-type: none">• Full opening for passage of wireline conveyed equipment• Large bypass area permits circulation around and through tool while running• Releases easily and dependably and equalizes completely through the tool with straight pickup• Hold-down buttons maintain packoff during high-pressure operations from below• Face-Seal Unloader permits circulation completely around bottom of tool• Proven 3 element packing system <p>Technical data of the packer:</p> <ul style="list-style-type: none">• Size 5 1/2" x 14-20 lbf casing 177 deg C• ID min 1.98"• 10.00psi differential pressure rating.• 177 deg C Temperature Rating• 2 3/8" EUE Box x Pin• Setting by Right/Hand, Pick-Up Release.• Packer to be activated only by compression, no tension activation possibility• Possibility of activation and achieving hermeticity in casing P110• Material Class P110• API marking <p>SPARE PARTS:</p> <ul style="list-style-type: none">• For each packer delivery:- 5 (Five) repair kit for packer 5 1/2" x 14-20 lbf casing 177 deg C- 25 (Twenty-five) repair kit for packer 5 1/2" x 14-20 lbf casing 138 deg C- 2 (Two) sets all slips and drag block for casing 5 1/2" x 14-20 lbf <p>Note:</p> <p>Repair kit must contain all the removable parts which ensure undisturbed operation / complete service of the equipment (sealing elements, springs, screens...).</p> <p>Confirmation that the sealing element are not older than six months</p> <p>The delivery every sets in packing box</p> <p>The customer reserves the right to check the completeness of the offered parts (sets) after reviewing the submitted technical documentation and requests the completion of sets in accordance with his needs.</p> | | Qty. | 10 | 250M001130 7029497 | ZZN 10471038 | <p>QUALIFICATION CRITERIA:</p> <ul style="list-style-type: none">• Reference list from manufacturer (memo style) with international validation for the offered model, mechanical compression set retrievable packer.• The Bidder has to provide positive the reference that cooperate with SINOPEC OR CPTDC (for Chinese bidders)• Historical design verification for model offered. <p>GUARANTEE OF QUALITY:</p> <ul style="list-style-type: none">• Warranty period of 2 years for functionality - reliable work with equipment in accordance with the specified technical requirements and the specified operations from the technical task• Permanently - during the entire service life of the tool. For guaranteed mechanical and chemical characteristics of steel.• Rubber sealing elements safe and reliable implementation of the operation, guarantee that they are adequate for the specified conditions of exploitation• Post-sale service and technical assistance <p>ACCOMPANYING TECHNICAL DOCUMENTATION, IF IT IS NECESSARY SUBMIT THE DOCUMENTS ALONG WITH DELIVERED EQUIPMENT:</p> <ul style="list-style-type: none">• Delivery Passport – Data Book for all tools separately, with incoming data PN, SN, Name of Equipment, Name Manufacturer, tool, production year.• Report of FAT (Factory Acceptance Test). Confirmation that inspections are performed on all tool components during production, assembly and final functional test. Reports are an integral part of DataBook.The Contractor reserves the right to perform the FAT at any time• Certificates of Quality materials EN 10204-3.2• Mill test certificate (metal product compliance with international standards, ANSI and ASME)• Materials Test Report (MTR)• Report of visual and dimensional inspection for each tool separately• Part Number Catalogue• Storage Instructions• Report of Inspection EC declaration of conformity• Delivery operating Instructions (activation and deactivation). Detailed instructions for servicing (lifting), assembly drawings with marked positions and associated parts PN (all manuals will be translated in Serbian language and delivered with equipment)• Equipment must be new and not used• Equipment must have Certificate API Spec 10D1 - hard marking• Corrections according to API 10B - validation with certificate• The Bidder has to provide the report from TPI inspection (10% of ordered quantities per each Packer has to be inspected and properly marked), the unit price per Qty, has to include the cost of first party inspection from API certified house |

Прилози посебно технички задатак (дозвољена одступања, специфична паковања) / Attachments special technical requirements (allowed deviations, specific packaging):

DESIRED DEADLINE FOR DELIVERY TO THE CUSTOMER'S LOCATION 01.02.2026 (it is also acceptable to deliver the equipment earlier)

FINANCING - PAYMENT NOT BEFORE 01.02.2026.

Потребни документи / референца листе : / Required documents/ Reference List:

A.Извештаји о испитивању производа (хемијске саставе, физичко - хемијске особине) : / Product Test Reports (chemical composition, physical and chemical characteristics):

- 1 Документација у складу са SRPS EN 10204/3.1 / Documentation in accordance with SRPS EN 10204/3.1
- 2 Документација у складу са SRPS EN 10204/3.2 / Documentation in accordance with SRPS EN 10204/3.2
- 3 Извештај о испитивању материјалних особина / Mechanical properties test report
- 3.1 Визуелна и димензиона контрола / Visual and dimensional inspection
- 3.2 Испитивања без разарања (NDE) / Non Destructive Testing (NDT)
- 3.2.1 Радијационог (Radiography)
- 3.2.2 Ултразвучног тест / Ultrasonic
- 3.2.3 Магнетно / Magneto particle test
- 3.2.4 Пенетрант / Penetrants
- 3.3 Тест притиска / Pressure test
- 3.3.1 Хидростат / Hydrostatic olest
- 3.3.2 Пневматског тест / Pneumatic test
- 4 Извештај о испитивању материјалних особина / Mechanical properties test report
- 5 Извештај о испитивању физико-хемијских особина / Physical and chemical properties test report
- 6 Сертификат о анализи / CoA-Certificate of Analysis

B. Сертификати о примењеним системима менаџмента : / Certificates for applied management systems:

- 1 ISO 9001
- 2 ISO 14001
- 3 ISO 17025
- 4 ISO 45001
- 5 ISO 50001

C. Сертификати о квалитету производа : / Production quality certificates:

- 1 API
- 2 EN
- 3 ANSI
- 4 GOST
- 5 DIN
- 6 INTI

*Изјутражи аутор: Уколико технички одговара више стандарда о квалитету производа, потребно је укључити сва одговарајућа сертификате у технички задатак

D. Други сертификати : / Other certificates:

- 1 Спецификација каталога / Material specification
- 2 Сертификат о пореклу производа / Certificate of origin

E. Техничка документација : / Technical documents:

- 1 ЕХ сертификати / EX certificates
- 2 Каталог са бројевима резервних делова / Spare parts catalogue
- 3 Упутство за употребу (на српском) / Instruction manual (in Serbian)
- 4 Упутство за одржавање (на српском) / Maintenance instructions (in Serbian)
- 5 Упутство за транспорт (на српском) / Transport instructions (in Serbian)
- 6 Упутство за складиштење (на српском) / Storage instructions (in Serbian)
- 7 MSDS (Безбедносне листе, на српском) / MSDS (Material Safety Data Sheet, in Serbian)
- 8 Листа података / Data list
- 9 TDS (Техничка информација) / TDS (technical information)
- 10 Уверена, коју произвођач потписује да су наредбе за рад примењене производе мере заштите на раду / Manufacturer's certificate confirming that prescribed occupational safety measures have been applied on the device
- 11 Сертификати о успешности производа / Product success certificate
- 12 Потврда о REACH регистрацији / REACH registration certificate
- 13 Биосигурни производ (неопходна документација) подаци о идентитету биосигурног производа, активне супстанце и друге супстанце садржане у биосигурном производу; подаци о произвођачу биосигурног производа; подаци о предвиђеном начину коришћења; подаци о ефикасности, класификацији, обележавању и паковању; као и подаци о ризику на здравље људи и животња и животну средину и мерима за смањивање ризика

F. Други захтеви : / Other requirements:

- 1 Гаранција / гарантни период / Warranty/warranty period
- 2 Век трајања / Work life span
- 3 Потрошња енергије током експлоатације (нпр. природни гас, електрична енергија) / Energy source consumption during exploitation (e.g. natural gas, electrical energy)
- 4 Потрошња медијума помоћног система (нпр. пара, вода, компримовани ваздух) и потрошња материјала / Consumption of support system medium (e.g. steam, compressed air)
- 5 Паковање производа / Packaging
- 6 Резервни делови за експлоатацију за 2 године / Operational spare parts for 2 years
- 7 Листа резервних делова који су неопходни као хитна резервна залиха / List of critical (emergency) spare parts required to be stored on site for acceptable repair time
- 8 Испитивање у току производње, пред испоруку / Factory Acceptance Test (FAT)
- 9 Испитивање након уградње, пред пуштање у рад / Site Acceptance Test (SAT)
- 10 Обука оператера / Operator training
- 11 У складу да добијемо има INTI сертификате опреме или MTP, потребно је да га достави

Захтеви за пријему контролу / план контролisanja / Requirements for acceptance testing / Inspection plan

Контакт лице за пријему контролу : / Contact technical person responsible for acceptance testing:

HSE aspekt / HSE aspect:

1. Контакт лице савезника за извршење Блока наредба

2. Контакт лице HSE лице Блока наредба

Енергетска ефикасност : / Energy efficiency:

Напомена:

- Неће довољно напредни произвођачи (осим ако је тавна спецификација одређена са ставовима предмета уговор).
- Неће довољно напредни корисници буџета,
- Уколико Техничка документација, укључујући и технички деск тежисе документација, садржи погрешне податке Друштва, не може се доставити трећим лицима, уколико са њима није прихватио потписан уговор о поверљивости у складу са стандардима Друштва.
- Уколико технички задатак има утицај на заштиту пословних података, описано, уколико не може имати позитиван начин приступа подацима, рада са подацима, њихово обрада или архивирање, неопходно је у технички задатак унети информацију о мерама заштите које се предузимају.

Напомена

Zoran Voinovic

Име и презиме

Својим

Име и презиме