

COMPAGNIE TUNISIENNE DE FORAGE

19 RUE DE L'ARTISANAT CHARGUIA II – 2035 L'AEROPORT-ARIANA TUNISIA

FAX N°(216-70) 836 568/837 041 PHONE N°(216-70) 837 322

FAX MESSAGE

FROM : C.T.F

FAX REF :

DATE : 24/07/2023

CONTACT NAME :

Page (01) of (14) including this page

TO :

ATT: :

FAX N° : via mail

Y/REF :

COPY :

**SUBJECT : INVITATION TO BID N° PP 2023/426
SUPPLY OF 01 HIGH PRESSURE BOP CONTROL UNIT**

Compagnie Tunisienne de Forage, (CTF) is now seeking competitive bids for the Supply of :

SUPPLY OF 01 HIGH PRESSURE BOP CONTROL UNIT

To this purpose you are hereby invited to submit your best prices and delivery in full compliance with the following terms and conditions.

A - SCOPE OF WORK :

Supply and delivery (as specified in Attachment C) of SUPPLY OF 01 HIGH PRESSURE BOP CONTROL UNIT to meet the technical specifications detailed in Attachment A.

B – DELIVERY REQUIREMENT

The delivery of each lot as indicated in attachment C shall be considered as a technical criteria. In case of late delivery a delay penalty of 1‰ per day of the total amount of the purchase order to be applied provided that such penalties will not exceed 5% of the total purchase order.

C - ACKNOWLEDGEMENT:

You are kindly requested to acknowledge receipt of this inquiry by return fax or email.

D - BID CLOSING DATE:

Bids must be sent to CTF head office as soon as possible but no later than 24 August 2023 as per bid submission instructions hereinafter.

E- FORM OF BIDS:

Bids shall be in the form of pro forma invoices as per the formats shown under attachments B and C and shall include all requested details.

F – VALIDITY:

Bids shall be valid for a period of at least 90 days from bid closing date.

G/ BID SUBMISSION PROCEDURE :

Bids shall be submitted by one of the ways listed under articles **G1** and **G2** : The bidder is free to choose the appropriate way :

G-1- IN A SEALED OPAQUE ENVELOPE AS FOLLOWS:

Within this sealed opaque envelope bidder shall include the following **two (02) separate internal sealed envelopes**:

- The first internal sealed envelope shall:

* Indicate:

- **"envelope N°1 "UNPRICED Technical offer"**

- Tenderer's name and address

* Contain:

- The **Unpriced Technical offer** (in the format shown in **Attachment B**) duly signed dated and stamped.

- Any technical information related to the proposed Spare Parts.

- The Second internal sealed envelope shall:

* Indicate:

- **"envelope N°2 "PRICED" Financial offer"**

- Tenderer's name and address

* Contain:

- The **Priced Financial offer** (as per the format provided under **attachment C**) duly signed dated and stamped.

- The outer sealed envelope containing the 2 internal sealed envelopes shall be sent by registered mail or by courier to the following address so as to arrive as soon as possible but no later than, **24 August 2023** and indicate only:

**COMPAGNIE TUNISIENNE DE FORAGE
19 RUE DE L'ARTISANAT CHARGUIA II
2035 ARIANA - TUNISIA
ATT : PRESIDENT OF THE TENDER BOARD
"DO NOT OPEN"
INQUIRY N° PP/2023/426
SUPPLY OF 01 HIGH PRESSURE BOP CONTROL UNIT**

G-2- BY E-MAIL TO: *closed.bids@ctf.com.tn* as per the pro forma provided under attachment B and C

H - CONTACTS:

Any further information or clarification required during the bidding period to aid bidder in the preparation of his bid shall be requested in writing by fax addressed to:

**COMPAGNIE TUNISIENNE DE FORAGE
FAX N° (216-70) 837 041 – 836 568
ATT : TENDER BOARD**

I - SPECIAL NOTES:

- I.1- By written notice, CTF may modify the inquiry terms and conditions in any aspect by way of clarification, addition, deletion or otherwise, prior to bid closing date.*
- I.2- CTF shall be under no obligation to accept the lowest or any bid submitted hereunder and CTF shall not be held liable for any expenses incurred in the preparation or submittal of bids or any subsequent discussion and/or negotiation.*
- I.3– The financial offers and after the correction of possible errors of calculation, will be classed from the lowest bidder to the highest bidder and CTF will select the best offer which meets CTF technical.*
- I.4-Bidders are requested to quote for only Ex-Works*
- I.5-Certificate of conformance to be supplied in case P.O is placed.*

BEST REGARDS,

C.T.F.

PROCUREMENT & MARKETING MANAGER

ATTACHMENT A
TECHNICAL SPECIFICATIONS OF THE REQUESTED EQUIPMENT

HIGH PRESSURE BOP CONTROL UNIT

Product description (model/type):

Désignation	Technical description	Proposed offer	Conformity (reserved for CTF)
API SPEC	BOP Closing Unit as per API 16D spec last Edition		
Bop closing unit	The equipment and its components must be new, never used .		
Service location	Drilling land Rig 2000 HP		
Control Type	Electric/Hydraulic or Air/Hydraulic control		
BOP Stack and other equipment to be controlled	The unit is intended for opening and closing any type of BOP (both old hydrill model + Shaffer SL type +Cameroon + any other brand of BOPs), namely:		
	01 Annular BOP 13”5/8 x 10M PSI + 03 pipes rams BOP 13”5/8 x 10M PSI with booster installed on one of the cavities capable to shear 5"drill pipe 19.5 lbs/ft (Grade G 105 or S 135) + 2 HCR vales 4”1/16 x 10M Psi + 2 HCR valves 2”1/16 x 10M Psi.		
	1 stack BOP 21”1/4 x 2000 PSI consisting of 1 annular and 3 pipe rams And 2 HCR vales 4”1/16 x 10000 Psi + 2 HCR valves 2”1/16 x 10000 Psi -(below CTF BOP list)		
Temperature rating	Up to 50°C desert climate		
Enclosure ratings-ingress protection of enclosures	Minimum IP Code 45 according to CEI 60529 or equivalent international standard		
Hazardous area classificationS	EX Atex group IIC		
Ratedworking pressure « RWP »	3000 PSI		
Stations	Minimum 9 stations:1 annular, 3 pipes rams, 4 HCR 1 spare		
Accumulator capacity	The required usable Gal which corresponds to the volume necessary for the closing and the opening of all the following stations <ul style="list-style-type: none"> • Bop Stack 21 ¼ 2k PSI (1 Annular & 2 Pipe Rams and 2HCR) • Bop Stack 13 5/8 10k PSI (1 annular 10kpsi , 4 pipe rams and 4HCR) the opening and closing volumes of each BOP is detailed in the following table		
	BOP	Volume (Gal)	

		Open	Close		
	ANNULAR BOP 13"5/8-10K PSI	32,64	40,16		
	ANNULAR BOP 21"1/4-2K PSI	18,9	31,1		
	RAM BOP 13"5/8-10 K PSI	11,7	12,6		
	RAM BOP 21"1/4-2K PSI	13,59	14,5		
Accumulators' bottles	Accumulator bottles assembly; 3000 psi 2" port bottom loading bladder type (preferably 11 gal capacity bottle) Manufactured after January 2020 With the following documents: <ul style="list-style-type: none"> • Certificate of Compliance according to API16D last edition (ASMI IIIV) • Bottles Data sheet including original wall thickness 				
Pumps	Minimum 1 Electric and 2 air The cumulative output capacity of the pump systems shall be sufficient to charge the main accumulator system from precharge pressure to 100 % SWP(3000 psi) within 10 minutes. To provide an Air filter dryer on the air pump inlet				
Motor HP	Minimum 25 HP				
Rigelectric power	Three-phases electric power 460-480V - 60 HZ				
Rig Air pressure	90-120 PSI				
Remote control pannel	Type Air operated Number two (02)				
Reservoir	A carbon steel fluid reservoir complete with baffles, inspection ports, sight glass and clean-out hatches at the ends Tank Fluid Level Indicator to be located on reservoir where clearly visible				
Skid	Welded structural steel skid with mounting provisions for, electric pumps, hydraulic annular and manifold modules and interface modules				
Alarms	All alarms are audible and visual shall indicate the condition at the main system installed at the BOPHPU and the two remote control panels. <ul style="list-style-type: none"> ➤ Reservoir low-level shutdown ➤ Low Rig Air pressure ➤ Low Accumulator Pressure ➤ pump system electric power LOSS; ➤ Air purge LOSS ➤ Reservoir level fluid alarms as follows: <ul style="list-style-type: none"> • 1st alarm down level 50% • 2nd alarm lowering the level to 75% 				
BOP control line	The outlet piping are intended to be connected to coflexes BOP control line by the HAMMER UNION 1 " FIG 602, Threaded end				
BOP UPH remote control umbilical	Number two (2) 120 feet length minimum				

Critical Spare parts	A minim quantity of critical spare part including and not limited to: <ul style="list-style-type: none"> • 01 Hydraulic regulator for each pressure manifold • 03 BLADDER ASSY • 01 four-way valve • 01 pressure transmitter for each model • 01 pressure relief valve • 01 pressure gauge for each size • <i>And other parts necessary to ensure the maintenance and operation of the equipment for a period of 1 year</i> 		
Tools	Specific tools including and not limited to CHARGING TOOL FOR ACCUMULATOR BOTTLES		
Documentation	To provide with initial offer <ul style="list-style-type: none"> • Manufacturer API Monogram 16 D • Assembly drawings : accumulator & Control panel • Sizeing calculation as per API 16D • Data sheet • Sample of certificate of conformity 		
	To be provided before delivery of the product: See attached document		

Documents :BOP control unit (*)		
	Documents to be provided (Soft & original hard copy)	Requirement
1	API 16D Monogram of manufacturer	Mandatory
2	Certificate of conformity /compliance of BOP control unit and control panels as per API -16D last edition from manufacturer COC (Soft & hard copy)	Mandatory
3	Certificate of conformity /compliance of accumulator bottles, manifolds & High pressure pipes as per API 16D recommendation : ASME, Boiler and Pressure Vessel Code (BPVC), Section VIII, Division 1,	Mandatory
4	Original Wall thickness of Bottles and minimum wall thickness required of bottles * Original Wall thickness = wall thickness of bottles before use *Minimum wall thickness = rejection criteria of bottles after use	Mandatory
5	Certificate of conformity (OEM COC) of regulator, Transmitters, 4-way valves, air pump and triplex pump	Mandatory
6	Calibration certificate of pressure gauges & safety relief valves	Mandatory
7	Hydrostatic pressure test report: bottles pressure test	Mandatory
8	Safety, operation, maintenance and parts Manual (Soft & hard copy) for accumulator unit, control panels and all components	Mandatory

9	Assembly drawings	Mandatory
10	Mill test certificate for bottles, high-pressure pipe and manifold	Mandatory
11	NDE reports (surface & volumetric NDE) of weld seams	Mandatory
12	Welding procedure qualification	Mandatory
13	PQR	Mandatory
14	Sizeing calculation as per API 16D	Mandatory
15	Function test report	Mandatory
16	All other documents required by API 16-D	Mandatory
17	12-month warranty certificate (from delivery date)	Mandatory

(*)NOTES:

*-The unit should be compliant with API 16D **Last edition***

-According to the manufacturer's maintenance manual, provide in the offer the list of consumable and maintenance parts as well as the tools necessary to ensure the maintenance and operation of the equipment for a period of 1 year. The parts and tools required must be delivered with the equipment. The cost of this material is included in the financial offer and in the warranty period.

-After establishment of the purchase order, physical and documentary reception at the factory or at the supplier's warehouse

-The physical reception will be carried out in two phases:

Phase 1 At the supplier or manufacturer: ensured by 02 CTF engineers and a competent third party person belonging to a certified organization

Phase 2 after delivery At the Sfax base by the same person

-Support of 03 persons in the country of physical and documentary reception will be provided by the supplier or the manufacturer

-Minimum warranty period one year for spare parts and after-sales services

-The Warranty Period will be extended from the date of compliance

-Final acceptance will take place at the end of the warranty period

ATTACHMENT B

UNPRICED TECHNICAL OFFER

SUPPLY OF 01 HIGH PRESSURE BOP CONTROL UNIT

PRO-FORMA INVOICE FORMAT USING YOUR COMPANY LETTER HEAD

FROM :

BIDDER'S FULL NAME:

ADDRESS:

TELEPHONE N° :

FAX N°:

CONTACT NAME:

TO:

COMPAGNIE TUNISIENNE

DE FORAGE

19 RUE DE L'ARTISANAT 2035

CHARGUIA II ARIANA – L'AEROPROT

TUNIS - TUNISIA

PRO-FORMA INVOICE N° :

DATE :

ITEM	QTY	DESCRIPTION
		Detailed description of the EQUIPEMENT

AUTHORIZED SIGNATURE

NAME :

SIGNATURE :

TITLE :

DATE :

COMPANY STAMP

ATTACHMENT C

PRICED FINACIAL OFFER

SUPPLY OF 01 HIGH PRESSURE BOP CONTROL UNIT

PRO-FORMA INVOICE FORMAT USING YOUR COMPANY LETTER HEAD

FROM :

BIDDER'S FULL NAME:

ADDRESS:

TELEPHONE N° :

FAX N°:

CONTACT NAME:

TO:

COMPAGNIE TUNISIENNE

DE FORAGE

19 RUE DE L'ARTISANAT 2035

CHARGUIA II ARIANA – L'AEROPROT

TUNIS - TUNISIA

PRO-FORMA INVOICE N° :

DATE :

ITEM	QTY	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
		Detailed description of the EQUIPMENT		
TOTAL MATERIAL VALUE EX-WORKS			
(PACKING, HANDLING , ETC ...)			
TOTAL PRICE			

- MANUFACTURER NAME OF EACH ITEM: ANY MANUFACTURER IS ACCEPTED
- COUNTRY OF ORIGIN :
- COUNTRY OF EMBARKATION :
- ESTIMATED NET AND GROSS WEIGHT :
- DELIVERY FROM DATE OF ORDER ACKNOWLEDGEMENT : Preferably 03 months to 05 Months.
- TERMS OF PAYMENT : LETTER OF CREDIT
- VALIDITY OF BID (TO BE NOT LESS THAN 90 DAYS FROM BID CLOSING DATE) :
- GENERAL TERMS AND CONDITIONS :

AUTHORIZED SIGNATURE

NAME :

SIGNATURE :

TITLE :

DATE :

COMPANY STAMP :

ATTACHMENT D

MAIN TERMS AND CONDITIONS

ATTACHMENT D

MAIN TERMS AND CONDITIONS

A Purchase Order will be issued to the successful bidders based on the following main terms and conditions

1/ Purchase Order Prices

Purchase Order prices are inclusive of all rights, duties and taxes applicable outside Tunisia and related to the supply of Each lot including all costs related to packing, handling, shipping and delivery .

2/ Prices validity :

The prices of the Purchase Order, shall remain firm throughout delivery and not subject to any revision.

3/ Payment:

Payment will be made by wire transfer to the supplier's designated Bank account no later than 30 days from date of receipt of invoice.

4/ Payment of subcontractors:

Subcontractors are paid directly by the supplier; CTF will not assume any liability in case supplier does not pay his subcontractors.

5/ Conformity:

The SPARE PARTS shall be in conformity with the technical specifications set forth in attachment A and in supplier's quote.

CTF reserves the right to call on experts or technicians of it's choice to examine, control and test the SPARE PARTS in view of their acceptance.

In the event SPARE PARTS turn out not to be in conformity , expert fees will be at supplier's cost even in case of replacement of the rejected SPARE PARTS .

Accordingly supplier will not be entitled to make any claim of what ever nature as a result of incurring above costs.

6/ Delivery:

Delivery will be as stated in supplier's bid and the resulting Purchase Order.

Such delivery shall be respected and no delays will be allowed except as provided under article 10 (Force Majeure).

7/ Packing and Transport:

7-1Packing and marking:

➤ **Packing:**

Supplier shall pack the SPARE PARTS adequately in such a manner as to prevent any damages during transport from ex-works .

Packing shall be adequate to provide good conservation during handling, bad weather etc... supplier shall bear the full responsibility for damages resulting from improper packing of material.

The packaging must be only in cardboard or in wood boxes instead of plastic packing otherwise penalties will be applied

➤ **Marking**

Each parcel shall be clearly marked to mention the following:

**COMPAGNIE TUNISIENNE DE FORAGE
19 RUE DE L'ARTISANAT – CHARGUIA II**

L'AEROPORT – 2035 ARIANA

TUNISIA

PURCHASE ORDER N°

Packing shall be marked to show the following informations:

- *Supplier's name and address.*
- *Parcel number in X/N form (the numerator will indicate the sequential number of the parcel and de denominator the total number of parcels).*
- *Gross weight of each parcel.*
- *Dimension of each parcel in form L x W x H (length x width x height)*
- *Special marking as required for specific material such as fragile , Top , Bottom etc....*

7-2 Insurance coverage :

CTF will be responsible for insurance coverage of the risks involved in transport of the SPARE PARTS from port of loading or F.O.T (if delivery by truck) to port of unloading in accordance with the provision of incoterms 2000 or latest edition of ICC

However supplier shall be responsible for packing, handling and loading of the SPARE PARTS on the vessel or truck.

8/ Loss, Damages, Rejected Material

8.1 Loss, damages:

Supplier is required to replace as soon as possible at his costs and expenses (including all costs involved from ex-works to CTF designated delivery site) any missing items or non conformity of part or the totality of the items

All expenses, fees and taxes of what ever nature and – notwithstanding their amounts- incurred in making such replacements as provided in this article will be at supplier's cost.

8.2 Rejected material

Any material rejected by CTF shall be replaced by supplier at his sole cost and expenses and without compensation, as soon as possible but no later than Seven (07) days from date of rejection notification.

9/ Guarantee:

Supplier shall guarantee the SPARE PARTS against any hidden defect, fabrication or materials defects for a period of 12 months from date of first usage or 18 months from shipping date (as stated in the bill of lading or CMR whichever comes first).

This guarantee shall also cover any and all costs related to travel of personnel, packing and shipment incurred when replacing or repairing defective material weather at a designated location or at CTF Base.

During the guarantee period, supplier shall make any repairs requested by CTF. However, he can request to be reimbursed in case he determines that such repairs are not covered by the guarantee or are due to CTF improper usage or handling of the SPARE PARTS

10/ Force Majeure

Neither party will be considered as failing to meet it's contractual obligations in case such failure is delayed, hindered or prevented by a case of force majeure .

Force majeure is defined as any unpredictable, irresistible event beyond the concerned party control which prevents him from meeting part or all of his obligations setforth in the present contract.

Strikes of supplier's personnel will not be considered as case of force majeure.

*In the event delivery of the SPARE PARTS complete with accessories will be partially or totally hampered due to a case of force majeure, supplier shall advise CTF within **Three (03) days** by formal notification of the commencement and end of force majeure as well as the likely consequences on the fulfillment of this contractual obligation.*

He shall also provide CTF with credible evidence of the existence and duration of the case of force majeure. CTF reserves the right to evaluate the reasons hampering the fulfillment of supplier's contractual obligations and to decide whether they are among force majeure cases or not.

*Time required to fulfill supplier's contractual obligations will be extended by the number of days required to overcome the force majeure case. Should the force majeure case exceeds **Ten (10) days**; CTF reserves the right to cancel the Purchase Order by written notice (fax or e-mail).*

11/ Disputes And Conflicts

Any disputes related to the interpretation or the execution of the present contract –unless settled amicably by the parties- shall be settled by the competent Tunisian court.