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 To :

FAX REF: ATT: :
DATE : 27/01/2023 FAX N* : VIA MAIL

CONTACT NAME: Y/REF: Page (01) of (23) including this page COPY:

SUBJECT: INVITATION TO BID Nº PP 2023/047

SUPPLY OF 06 LOTS OF VARIOUS SPARE PARTS

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

SUPPLY OF 06 LOTS OF VARIOUS SPARE PARTS

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

Bidders can submit for one lot or more.

A - SCOPE OF WORK:

Spare parts must be in compliance with technical specifications as 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 14 February 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 <u>Second internal sealed envelope shall:</u>
- * 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.
- <u>The outer sealed envelope containing the 2 internal sealed envelopes shall</u> be sent by registered mail or by courier to the following address so as to arrive as soon as possible but no later than, 14 February 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/2023/047

SUPPLY OF 06 LOTS OF VARIOUS SPARE PARTS

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 PARTS

	LOT01: Tubular Materiel (*)		
Item	Description	Reference	QTY
1	DRILL COLLAR 4''3/4x2''1/4 SPIRAL	*DC4"3/4X2"1/4SP	18
2	3''1/2 HEXAGONAL KELLY 40 ft	*HEXA-KELLY 40FT	2
(*)Te	chnical specifications: see attached file		

	LOT02: Spare parts for safety valve in	side BOP (**)	
Item	Description	Reference	QTY
1	INSIDE BLOWET PREVENTER 3 1/2 IF	040120	3
2	INSIDE BLOWET PREVENTER 4 1/2IF	040130	3
3	BALL-TYPE SAFETY VALVE6 3/80D,3 1/2IF	*B-TYPE/SAF-	2
1	DALL TYPE CAFETY VALVE 7 1/200.4 1/21E	*D TYPE/SAE	2
4	BALL TYPE SAFETY-VALVE 7 1/20D;4 1/2IF	*B-TYPE/SAF- VAL4	2
5	LOWER KELLY COCK 4"1/2 IF x10.000PSI	1008880-1	3
6	LOWER KELLY COCK NC38(31/2 IF)	1008280-1	3
(**) 7	Fechnical specifications: see attached file		

	LOT03: Choke manifold		
Item	Description	Reference	QTY
1	CHOKE MANIFOLD3"1/8x5M Technical Specifications: Chocke manifold assembly 3"1/8 5000 PSI H2S TRIM as per API 16C last edition and API STD 53 last edition.	MANF.3''1/8X5M	1
	Chocke manifold shall include:		
	 Hydraulic drilling chocke 3"1/8 Control panel for 3"1/8 drilling chocke . 02 control hoses length 160 feet minimum Manual gate valve type FC 3"1/8 5000PSI Manual choke 3"1/8 5000PSI Manual gate valve 2"1/16 5000PSI Pressure gauge 0-6000 PSI model 6 flanged sour gas Frame for chocke manifold assembly. All spools /adapters /4 ways cross /5 ways cross . All valves shall be in accordance with API 6A last edition and nace MR-0175 Temperature classe 4 Material class DD :PSL3/PR2 		
	Material class DD :PSL3/PR2 To provide :		
	 API monogram 16C COC of chocke manifold assembly as per 16C & nace MR-0175 COC of gate valves & choke valves: gate valve API 16 A COC of all Composant of Chocke manifold assembly(cross/adapters/spools/gauges/control panel). Drawing of chock manifolds assembly. Control panel drawing. Materiel test certificat for valves/spools/cross. Pressure test records for Assembly. Pressure test record & certification for all composants.(valves/5ways cross and 4 ways cross/spacer spool. NDT report: MPI for all welds /wall thikness for all pipe. Maintenance manual & spare parts manual. 		

Item	Description	Reference	QTY
1	PORTABLE HYDROSTATIC TEST PUMP	80-452-4-2-LAB	$\frac{2}{2}$
	Technical specifications:		
	•Pressure Required: minimum 15 000 PSI		
	•fast Fill Option (Dual Pump)		
	•Two gauge ((01) gauge for 0 to 1000PSI; (01) gauge for 0-		
	15000PSI)		
	•(02) Hoses Hookup length 10m		
	•(02) Hoses Hookup length 5m		
	•LAB -Advanced data logging Option (USB connecting for		
	exporting to Exel)		
	•12 " external Chart Recorder with high pressure hose minimum 15		
	000 PSI		
	• No heat, flame or risk of spark		
	• No limit or adverse effect to continuous stop/start applications		
	The Pressure Test System is supplied with the following		
	•Pressure release valve		
	•Fluid outlet connection located at edge of frame		
	•Mounted within a robust stainless portable frame		
	•All suitably piped and pressure tested		
	To provide:		
	OEM COC		
	Test certificate		
	Drawing		
	Flow schematic		
	Gauge calibration certificate		
	Operation procedure manual		
	Maintenance manual		
	Parts book manual		

	LOT05: Set Rams		
Item	Description	Reference	QTY
1	PIPE RAMS ASSEMBLY 3" 1/2 H2S-TRIM% FOR V-HYDRIL BOP 11" 5000PSI TO PROVIDE: API MONOGRAM-16A API QMS OR ISO 9001 COC AS PER API-16A & H2S TRIM MATERIEL TEST CERTIFICAT NDT INSPECTION REPORTS	3101068-7	I Set
2	BLIND RAMS ASSEMBLY 3" 1/2 H2S-TRIM% FOR V-HYDRIL BOP 11" 5000PSI TO PROVIDE: API MONOGRAM-16A API QMS OR ISO 9001 COC AS PER API-16A &H2S TRIM MATERIEL TEST CERTIFICAT NDT INSPECTION REPORTS	3101068-1	1 Set

Item	Description	Reference	QTY
1	MOTEUR DIESEL POUR CHARIOT ELEVATEUR 3 TONNES	A408016	1
	Technical specifications:		
	Moteur diésel pour chariot élévateur :		
	Model chariot élévateur: D30G		
	Type chariot élévateur: D		
	Capacité chariot élévateur : 3000 KG		
	Model moteur: 4TNE98-BQDFC		
	TYPE MOTEUR: 3VNQA		
	MOTEUR No. B2267		
	Famille moteur : YD3300PNVJEC		
	OUTPUT 43.7 kW. 2300 tr/min-1		
	DISPLACEMENT 3.319 L		
	Manuel d'utilisation		
	Manuel de maintenance		
	Manuel des pièces de rechange		
	Minium un an de garantie		
	(see attached VIN plate in the end of the inquiry)		

ATTACHMENT B

UNPRICED TECHNICAL OFFER

LOT01: Tubular material

		TO: COMPAGNIE TUNISIENNE DE FORAGE 19 RUE DE L'ARTISANAT 2035 CHARGUIA II ARIANA – L'AEROPROT TUNIS - TUNISIA
		CE N*:
QTY		DESCRIPTION
	Detailed des	scription of the EUIPEMENT
	<u>AUTHORIZED</u>	<u>SIGNATURE</u>
•••••		SIGNATURE:
		SIGNATURE : DATE :
	PRO-H DATE	QTY

LOT02: Spare parts for safety valves inside BOP

ROM: IDDER'S FULL NAME: DDRESS:ELEPHONE N°:AX N°:			TO: COMPAGNIE TUNISIENNE DE FORAGE 19 RUE DE L'ARTISANAT 2035 CHARGUIA II ARIANA – L'AEROPROT TUNIS - TUNISIA N°:
ITEM	QTY		DESCRIPTION
		Detailed descri	ption of the EUIPEMENT
	<u> </u>	AUTHORIZED SI	<u>GNATURE</u>
NAME :			SIGNATURE :
TITLE :	•••••		DATE :
	_		
		COMPANY S	TAMP

LOT03: Choke manifold Assy

			TO: COMPAGNIE TUNISIENNE DE FORAGE 19 RUE DE L'ARTISANAT 2035 CHARGUIA II ARIANA – L'AEROPROT TUNIS - TUNISIA
	DATE	:	
ITEM	QTY		DESCRIPTION
		Detailed de	escription of the EUIPEMENT
	<u>A</u>	<u>AUTHORIZE</u>	D SIGNATURE
<i>NAME</i> :	•••••		SIGNATURE:
TITLE :	······		DATE:
		COMPAN	NY STAMP

LOT04: Test Pump

PRO-FO	
DATE	<i>:</i>
QTY	DESCRIPTION
	Detailed description of the EUIPEMENT
	<u>AUTHORIZED SIGNATURE</u>
	SIGNATURE:
	DATE:
Γ	COMPANY STAMP
-	PRO-F(

LOT05: Set Rams

ROM: DDER'S FULL NAMI DDRESS: ELEPHONE N°: XX N°: DNTACT NAME:				
	PRO-FO DATE	ORMA INVOICE N° :		
ITEM	QTY	DESCRIPTION		
		Detailed description of the EUIPEMENT		
NAME :		AUTHORIZED SIGNATURE SIGNATURE:		
TITLE :		DATE:		
	ſ	COMPANY STAMP		

LOT06: Diesel Motor

OM : ODER'S FULL NAME: DRESS: LEPHONE N° : X N°: NTACT NAME: PRO-FORMA INVO			TO: COMPAGNIE TUNISIENNE DE FORAGE 19 RUE DE L'ARTISANAT 2035 CHARGUIA II ARIANA – L'AEROPROT TUNIS - TUNISIA CE N°:
	D 4 777	:	
ITEM	QTY		DESCRIPTION
		Detailed des	scription of the EUIPEMENT
NAME :		<u>AUTHORIZED</u>	SIGNATURE :
TITLE :	••••••		DATE:
TITLE :			DATE :

ATTACHMENT C

PRICED FINACIAL OFFER

LOT01: Tubular material

FROM: BIDDER'S FULL NAME: ADDRESS: TELEPHONE N°: CONTACT NAME: PRO-FORMA INVOI			TO: COMPAGNIE TUNISIENNE DE FORAGE 19 RUE DE L'ARTISANAT 2035 CHARGUIA II ARIANA – L'AEROPROT TUNIS - TUNISIA DICE N°:		
		DATE :			
ITEM	QTY	DESCRIPTION	UNIT PRICE	EXTENDED PRICE	
		Detailed description of the EQUIPMENT			
TOTAL MA	TERIAL	VALUE EX-WORKS			
CHARGE	S(PACK	ING, HANDLING , ETC)			
TOTAL EX	-WORK	S			
- DELIVERY - TERMS OF	Y FROM A F PAYME Y OF BIL	AND GROSS WEIGHT:	ENT: Preferably 02 weeks to IST DOCUMENT ROM BID CLOSING DATE):		
		<u>AUTHORIZEI</u>	O SIGNATURE		
<i>NAME</i> :	NAME : SIGNATURE :				
TITLE :	TITLE :				
		COMPAN	Y STAMP:		

LOT02: Spare parts for safety valves inside BOP

FROM: BIDDER'S FULL NAME:			······································	TO: COMPAGNIE TUNISIENNE DE FORAGE 19 RUE DE L'ARTISANAT 2035 CHARGUIA II ARIANA – L'AEROPROT TUNIS - TUNISIA			
		PRO-FORM DATE	IA INVOICE N' :		•••••		
ITEM	QTY	DESCRIPT	ION	UNIT P	PRICE	EXTENDED PRICE	
		Detailed description of EQUIPMENT	^c the				
TOTAL MA	TERIAL	VALUE EX-WORKS		•			
CHARGES	(PACKI	NG, HANDLING , ETC)				
TOTAL Ex-	WORKS	S					
- ESTIMATE - DELIVERY - TERMS OF - VALIDITY	ED NET A FROM I	ARKATION: AND GROSS WEIGHT: DATE OF ORDER ACKNOW NT: NET 30 DAYS/ CAS OF (TO BE NOT LESS THAN AND CONDITIONS:	WLEDGEMENT: SH AGAINST D 90 days from e	Preferably 02 OCUMENT BID CLOSING D	weeks to 03		
		<u>AUT</u>	THORIZED SIG	<u>NATURE</u>			
<i>NAME</i> : <i>SIGNATURE</i> :							
TITLE :	••••••		j	DATE :			
			COMPANY STA	MP :			

LOT03: Choke Manifold Assy

FROM: BIDDER'S FULL NAME:			TO: COMPAGNIE TUNISIENNE DE FORAGE 19 RUE DE L'ARTISANAT 2035 CHARGUIA II ARIANA – L'AEROPROT TUNIS - TUNISIA			
		PRO-FORMA INVOIC DATE :	CE N*:			
ITEM	QTY	DESCRIPTION	UNIT PRICE	EXTENDED PRICE		
·	2	Detailed description of the EQUIPMENT				
TOTAL MA	TERIAL	VALUE EX-WORKS				
CHARGES	S(PACK	ING, HANDLING , ETC)				
TOTAL EX	-WORK	S				
- DELIVERY - TERMS OF - VALIDITY	F PAYME F OF BIL	AND GROSS WEIGHT:	ENT: Preferably 02 weeks IST DOCUMENT ROM BID CLOSING DATE)			
		<u>AUTHORIZEI</u>	O SIGNATURE			
<i>NAME :</i>			SIGNATURE:			
<i>TITLE</i> :	••••••		DATE :			
		COMPAN	Y STAMP :			

LOT04: Test Pump

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- DATI		CE N*:	····	
ITEM	QTY	1	CRIPTION	UNIT PR	ICE	EXTENDED PRICE
	~	Detailed descrip	otion of the			
TOTAL MA	TERIAL	VALUE EX-WORK	KS	1		
CHARGES	(PACK	NG, HANDLING ,	ETC)			
TOTAL Ex	-WORKS	S				
- DELIVERY - TERMS OF - VALIDITY	F PAYME F OF BIL	DATE OF ORDER A NT: NET 30 DAY O (TO BE NOT LESS	ys/ CASH AGAIN s than 90 days f	ENT: Preferably 02 we IST DOCUMENT ROM BID CLOSING DAT	TE) :	
			<u>AUTHORIZEI</u>	O SIGNATURE		
<i>NAME</i> :				SIGNATURE :	••••••	
TITLE :	•••••			DATE :	••••••	
			COMPAN	Y STAMP :		

LOT05: Set Rams

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 INVOL DATE :	CE N*:			
ITEM	QTY	DESCRIPTION	UNIT PRICE	EXTENDED PRICE		
		Detailed description of the EQUIPMENT				
TOTAL MATERIAL VALUE EX-WORKS						
CHARGES	(PACK	ING, HANDLING , ETC)				
TOTAL Ex-	-WORKS	S				
- ESTIMATE - DELIVERY - TERMS OF - VALIDITY	ED NET A FROM A FPAYME FOR BILL	ARKATION:	NENT: Preferably 02 weeks to NST DOCUMENT FROM BID CLOSING DATE):	03 weeks.		
		<u>AUTHORIZE</u>	<u>D SIGNATURE</u>			
<i>NAME</i> :	••••••		SIGNATURE:	······		
<i>TITLE</i> :	•••••		DATE :			
		COMPAN	NY STAMP :			

LOT06: Diesel Motor

FROM: BIDDER'S FULL NAME:			TO: COMPAGNIE TUNISIENNE DE FORAGE 19 RUE DE L'ARTISANAT 2035 CHARGUIA II ARIANA – L'AEROPROT TUNIS - TUNISIA			
		PRO- DATI		CE N* :	······	
ITEM	QTY	DES	SCRIPTION	UNIT	PRICE	EXTENDED PRICE
		Detailed descrip	ption of the			
TOTAL MA	TERIAL	VALUE EX-WOR	KS	<u>.</u>		
CHARGES	(PACKI	NG, HANDLING ,	, ETC)			
TOTAL Ex-	-WORKS	S				
- ESTIMATE - DELIVERY - TERMS OF - VALIDITY	ED NET A FROM I PAYME OF BID	AND GROSS WEIGH DATE OF ORDER A ONT: NET 30 DAY O (TO BE NOT LES	HT:ACKNOWLEDGEMI YS/CASH AGAIN STHAN 90 DAYS F	ENT: Preferably 02 IST DOCUMENT ROM BID CLOSING 1	weeks to b	 13 weeks.
			<u>AUTHORIZEI</u>	O SIGNATURE		
<i>NAME</i> :				SIGNATURE:		
<i>TITLE</i> :	••••••	••••••		DATE :		
			COMPAN	Y 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 penalities 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 $L \times W \times H$ (length $\times W$ width $\times W$ 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 incorterms 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 unproper 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.

LOT01 : Définition et spécifications du Matériel

I - Objet

Le présent cahier des Clauses Techniques Particulières (CCTP) a pour objet de préciser la description complète du Matériel tubulaire :

Item	DESCRIPTION	Qté
01	DRILL COLLAR SPIRALE 4"3/4	18
02	HEXAGONAL KELLY 3"1/2	02

II- Définition et spécifications du Matériel

Les spécifications techniques du Matériel sont consignées comme suit :

III- Documents

A la remise des offres techniques Le fabricant doit fournir les documents ci-après énumérés :

- Technical Data Sheets
- Certficate of Compliance
- API Monogram
- L'Accréditation du laboratoire d'essais et de contrôle du fabricant selon le référentiel ISO 17025 ou équivalent

A la livraison du Matériel Le fabricant doit livrer à la CTF, les documents ci-après énumérés :

- Certficate of Compliance
- Mill test Certificate according to EN 10204 3.2
- Internal coating Certificate
- Inspection Certificate (UT and MPI...)
- Certificate of Origin
- Certificate of Testing
- Certificates API 7.1,
- Certificats d'origine de l'acier

La CTF se réserve le droit d'exiger du Fabricant d'autres pièces annexes ayant trait au processus de fabrication et de contrôle du materiel.

Le fabricant est tenu de :

- Mentionner le N° de Licence API.
- Spécifier le lieu de fabrication des drill collar et des kelly Hex.
- Spécifier la provenance de la matière première.
- vérifier que les données et les spécifications techniques fournies, répondent aux normes et aux spécifications définies par la CTF. Dans le cas contraire, il doit informer la CTF en temps opportun.

Le fabricant garantit la CTF contre les revendications des tiers concernant les brevets, licences, plans dessins, modèles et marques de fabrique ou de commerce employé.

Toute modification qui serait ultérieurement demandée par le Fabricant, ou qui serait la conséquence d'erreurs ou d'omissions contenues dans l'offre remise et admise comme "approuvée", et que le Fabricant aurait entièrement accepté, serait à la charge du Fabricant.

SPECIFICATIONS TECHNIQUES DU MATERIEL

Item N°01

Item N°1							
	SPIRAL DRILL COLLAR 4"3/4						
	DESIG	NATION	Offre proposé	Conformité (Réservé à la CTF)			
SPIRAL DRILL COLI 4"3/4	.AR	Qty=18 pcs					
Brand New		Brand New					
Adjusted Weight		44 to 47 lbs/ft (Adjusted)					
manufactured according to		API 7-1 standard — ISO10424-1 API 7-2 standard — ISO10424-2 Latest Edition					
	Nominal OD	4"3/4 OD					
	ID	2"1/4 ID					
Spiral Drill Collar	type	SPIRAL					
	Overall lenght	31 Ft Long					
Connections		NC38 Pin & Box					
Bore Back on Box		Bore Back on Box					
Stress Relief Groo	ve on Pin	Stress Relief Groove on Pin					
Slip And Elevator Recesses		Slip And Elevator Recesses					
Thread protector type (Box and Pin)		Pressed steel					
Stamped CTF Number		MARKING API & CTF Number on SLOT AT 180° DIAMETER 1" X 1/8 DEPTH					

Item N°02

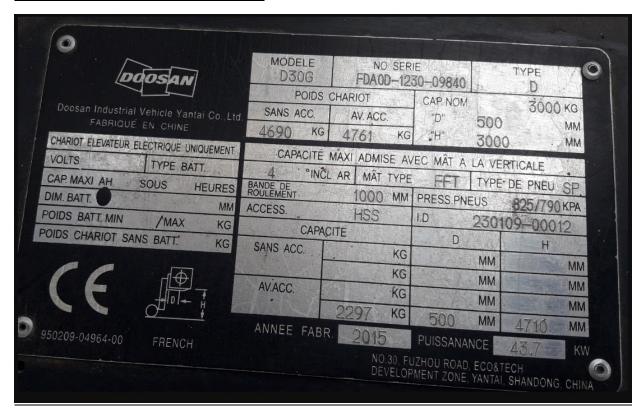
	Item N°2						
	HEXAGONAL KELLY 3"1/2						
	DESIGNATION Offre proposé						
HEXAGONAL	. KELLY 3"1/2	Qty= 02 pcs					
Nominal Size	2	3"1/2					
Inside diame	eter	1" 3/4					
Overall lengt	th:	40 FT					
Drive section	n length :	37 FT					
manufactured according to		API 7-1 standard — ISO10424-1 API 7-2 standard — ISO10424-2 Latest Edition					
	Outside diameter :OD	4"3/4					
Bottom upset Pin	Connection size/style :	NC38 RH (NC 38 Reight hand)					
	Pin relief feature	API relief groove					
	Outside diameter :OD	7"3/4					
Top upset Box	Connection size/style :	6 5/8" REG LH (Regular+ Left Hand)					
	Box relief feature	API bore back					
Thread protector type		Pressed steel					
Stamped CTF Number		MARKING API & N° CTF Number on SLOT AT 180° DIAMETER 1" X 1/8 DEPTH					
shipped in a	protective Steel-cased						

LOT02

TEN	DESIGNATION	TECHNICAL SPECIFICATION AND PARAMETRS	VALVE PICTURE
-	220.0.0.0.0.0.0	IBOP ASSY H2S TRIM 3"1/2	WELL HOLDING
		4"3/4 OD	1
		2"1/4 ID	
		NC38 PIN x BOX CONNECTION	1
	INSIDE	overall length MAX 30"	
	BLOWOUT	WORKING PRESSURE 10,000 PSI (10K PSI)	
1	PREVENTIVE	TEST PRESSURE 15 000 PSI (15 K PSI)	
	ASSEMBLY H2S	WITH RELEASING TOOLS AND STEEL PROTECTORS	
	TRIM 3"1/2 IF	MANIFACTURED & TESTED ACCORDING TO API SPEC 7-1	
		MINITED RESIDENCE OF THE PROCESS OF	
		DELIVERED WITH DATA BOOKS (INSPECTION CERTIFICATE ?PRESSURE RECORD TEST AND TECHNICAL INSTRUCTION MANUAL)	
		COMPLETE REPAIR KIT INCLUDED	
		IBOP ASSY H2S TRIM 4"1/2	
		6"1/2 OD (OD DRILL STRING CTF IS 6"1/2)	
		2"13/16 ID	
	INSIDE	NC38 PIN x BOX CONNECTION	
		overall length MAX 36"	
2		WORKING PRESSURE 10,000 PSI (10K PSI)	
	ASSEMBLY H2S	TEST PRESSURE 15 000 PSI (15 K PSI)	
	TRIM 4"1/2 IF	WITH RELEASING TOOLS AND STEEL PROTECTORS	with API connections
	,	MANIFACTURED & TESTED ACCORDING TO API SPEC 7-1	
		DELIVERED WITH DATA BOOKS (INSPECTION CERTIFICATE ?PRESSURE RECORD TEST AND TECHNICAL INSTRUCTION MANUAL)	
		COMPLETE REPAIR KIT INCLUDES	
		FULL OPENING SAFETY VALVE ASSEMBLY H2S TRIM 3"1/2 IF	
		BALL-TYPE SAFETY VALVE	
		NECK DOWN TO OD DRILL STRING CTF OD 4"3/4	
	FULL OPENING	fOR DRILL STRING CTF ID 2"9/16 OR ID 2"11/16	
	SAFETY VALVE	NC38 PIN x BOX CONNECTION	BODY
3		overall length MAX 45")	-
	1 17 17 0 C MD 11 4	WORKING PRESSURE 10,000 PSI (10K PSI) TEST PRESSURE 15 000 PSI (15 K PSI)	- UPPER SEAT O-RING
	3"1/2 IF	WITH STEEL PROTECTOR	+ BACKUP O-RINGS
	,	MANIFACTURED & TESTED ACCORDING TO API SPEC 7-1	UPPER SEAT SEAT SEAL
		DELIVERED WITH DATA BOOKS (INSPECTION CERTIFICATE ?PRESSURE RECORD TEST AND TECHNICAL INSTRUCTION MANUAL)	BALL
		COMPLETE REPAIR KIT INCLUDES	
\vdash		FULL OPENING SAFETY VALVE ASSEMBLY H2S TRIM 4"1/2 IF	OPERATING STEM O-RING
1		BALL-TYPE SAFETY VALVE ASSEMBLY HZS TRIM 4 1/2 IF	+ BACKUP O-RINGS
		NECK DOWN TO OD DRILL STRING CTF OD 6"1/2	OPERATING STEM Cutaway View
		FOR DRILL STRING COMPANY CTF ID 2"9/16 OR OTHER ID 2"11/16	LOWER SEAT
	EIII I ODENING	NC50 PIN x BOX CONNECTION	LOWER SEAT O-RING + BACKUP O-RINGS
1		overall length MAX 45"	SPRING
4		WORKING PRESSURE 10,000 PSI (10K PSI)	
*		TEST PRESSURE 15,000 PSI (15 K PSI)	sue
	4"1/2 IF	WITH STEEL PROTECTOR	4
1	7 1/2 11	MANIFACTURED & TESTED ACCORDING TO API SPEC 7-1	-
		PARTITION OF A LEGILLA ROCONATING TO THE DO I - I	
1		DELIVERED WITH DATA BOOKS (INSPECTION CERTIFICATE ?PRESSURE RECORD TEST AND TECHNICAL INSTRUCTION MANUAL)	Exploded
		COMPLETE REPAIR KIT INCLUDES	View
Ц		LOUIS BELL RIS ARRIE RODOPES	

Ī		ONE- PIECE KELLY VALVE 4"1/2 IF H2S TRIM ASSEMBLY	
		6"5/8 OD SLICK	
		2"13/16 ID	
		NC50 PIN x BOX CONNECTION	
ı	KELLY VAL	OVERALL LENGHT MAX 30"	
ı	4"1/2 IF H		
ı	TRIM	TEST PRESSURE 15 000 PSI (15 K PSI)	
ı	ASSEMBL		
ı		MANIFACTURED & TESTED ACCORDING TO API SPEC 7-1	
ı			
ı		DELIVERED WITH DATA BOOKS (INSPECTION CERTIFICATE ?PRESSURE RECORD TEST AND TECHNICAL INSTRUCTION MANUAL)	
ŀ		COMPLETE REPAIR KIT INCLUDES	
ı		ONE- PIECE KELLY VALVE ASSEMBLY H2S TRIM 3"1/2 IF	
ı		OD 4"3/4 SLICK	
ı		1"3/4 ID	
ı		NC38 PIN x BOX CONNECTION	一
ı		OVERALL LENGHT MAX 30"	
ı	6 3"1/2 IF H		
ı	TRIM	TEST PRESSURE 15 000 PSI (15 K PSI) WITH STEEL PROTECTOR	
ı	ASSEMBL	MANIFACTURED & TESTED ACCORDING TO API SPEC 7-1	
ı		MANIFACTURED & TESTED ACCORDING TO APTSPEC 7-1	
ı		DELIVERED WITH DATA BOOKS (INSPECTION CERTIFICATE ?PRESSURE RECORD TEST AND TECHNICAL INSTRUCTION MANUAL)	
ı		COMPLETE REPAIR KIT INCLUDES	-
L		COM BETE REI MIX MIT INCEOPES	

Plaque signalétique chariot DOOSAN 3T



Plaques signalétique moteur





INFORMATION ENGINE MPORTANT

THIS ENGINE IS PLACED ON THE MARKET UNDER THE FLEXIBILITY SCHEME.

ENGINE FAMILY : YD3300PNV JEC

ENGINE TYPE : 3VNQA ENGINE MODEL : 4 TNE 98 - BODEC

APPROVAL NUMBER : e13+97/68JA+2004/26+0002+01 .

YANNAR CO., LTD.