

### Section III: Returnable Bidding Forms

eSourcing reference: ITB/2024/53748

**Note to Bidders:** The following returnable forms are part of this ITB and must be completed and returned by bidders as part of their Bid. Instructions to complete each Form are highlighted in blue in each Form. Please complete the Returnable Bidding Forms as instructed and return them as part of your bid by uploading them against their specific Document Checklist in the UNOPS eSourcing system.

This Section comprises the following Returnable Bidding Forms:

- o Form A: Joint Venture Partner Information Form **(optional)**
- o Form B: Bid Submission Form
- o Form C: Price Schedule Form
- o Form D: Technical Bid Form
- o Form E: Performance Statement Form
- o Form F: Dealer or Manufacturer's Authorization Form ( for the Compressor,Deck Engine and truck)

In addition, bidders should submit the following additional documents.

- o DRIVE Supplier Sustainability Questionnaire. (Should be completed online and is available under Forms section of the e-sourcing system)
- o National Business Registration Certificate or Valid Business Licences
- o Copy of audited Financial statements (Balance sheets ) for the last two recent years
- o Summary of bidder's organisation approach to manage Environmental and Social risks and impacts
- o Statement with details on how Supplier Sustainability is ensured in the organisation
- o Manufacturer's product data sheet /catalogue to support the bidder's proposed product specification.
- o Product Quality Certificate - ISO or equivalent certification

**Form A: Joint Venture Partner Information Form / If Applicable/**

The Bidder shall fill in this Form in accordance with the instructions indicated below.

ITB reference no: [insert ITB reference No.]

Name of Bidder: [insert name of bidder]

Date: [insert submission date]

To be completed and returned with your Bid if the Bid is submitted as a Joint Venture/Consortium/Association.

JV / Consortium/ Association Information	
<b>Name</b>	[complete]
<b>Names of each partner and contact information</b> (address, telephone numbers, fax numbers, e-mail address)	[complete]
<b>Name of leading partner</b> (with authority to bind the JV, Consortium, Association during the Bidding process and, in the event a Contract is awarded, during contract execution)	[complete]
<b>Proposed proportion of responsibilities between partners (in %) with indication of the type of the goods/services to be delivered by each</b>	[complete]

**Signatures of all partners of the JV:**

We hereby confirm that if the contract is awarded, all parties of the Joint Venture/Consortium/Association shall be jointly and severally liable to UNOPS for the fulfilment of the provisions of the Contract.

Name of partner: \_\_\_\_\_

Name of partner: \_\_\_\_\_

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Name of partner: \_\_\_\_\_

Name of partner: \_\_\_\_\_

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

## Form B: Bid Submission Form

Bidders are requested to complete this form, sign it and return it as part of their bid submission. The bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.

Date: [Insert submission date]

**Subject:** Re-Bid for the supply of [Insert a brief description of goods/services] in [Name of country/city], ITB Case No. [Insert ITB ref number], dated [insert date]

We, the undersigned, declare that:

- a. We have examined and have no reservations to the bidding documents, including amendments No.: [Insert the number and issuing date of each amendment];
- b. We offer to supply in conformity with the bidding documents, including the UNOPS General Conditions of Contract, and in accordance with the delivery schedules specified in the Schedule of Requirements
- c. The total price of our bid, excluding any discounts offered in item (d) below, is: [Insert the total bid price in words and figures, indicating the various amounts and the respective currencies];
- d. The discounts offered and the methodology for their application are:
  - **Discounts:** If our bid is accepted, the following discounts shall apply. [Specify in detail each discount offered and the specific item of the Schedule of Requirements to which it applies, including if applicable discounts for accelerated payment.];
  - **Methodology of application of the discounts:** The discounts shall be applied using the following method: [Specify in detail the method that shall be used to apply the discounts];
- e. Our bid shall be valid for the period of time of [insert number of days which shall not be less than the specified in the Tender Particulars section, Period of Validity of Bids] from the date fixed for the bid submission deadline as set out in the ITB, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- f. If our bid is accepted, and if so requested in the Tender Particulars section, we commit to obtain a performance security in accordance with Instructions to Bidders Article 34 and the General Conditions of Contract;
- g. We have no conflict of interest in any activity that would put it, if selected for this assignment, in a conflict of interest with UNOPS;
- h. We have not declared bankruptcy, are not involved in bankruptcy or receivership proceedings, and there is no judgement or pending legal action against them that could impair their operations in the foreseeable future;
- i. Our firm confirms that the Bidder and sub-contractors have not been associated, or had been involved in any way, directly or indirectly, with the preparation of the design, terms of references and/or other documents used as a part of this solicitation;
- j. We embrace the principles of the United Nations Supplier Code of Conduct and adhere to the principles of the United Nations Global Compact;
- k. Our firm, its affiliates or subsidiaries – including any subcontractors or suppliers for any part of the contract – has not been declared ineligible by UNOPS, nor is included in the suspended/ineligibility list of the UN/PD,

other UN Agencies, the UN Security Council, and the World Bank, in accordance with Instructions to Bidders Article 4, Eligibility;

- l. We have not offered and will not offer fees, gifts and/or favours of kind in exchange for this ITB and will not engage in any such activity during the performance of any contract awarded;
- m. We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

I, the undersigned, certify that I am duly authorised by **[insert full name of bidder]** to sign this bid and bind **[insert full name of bidder]** should UNOPS accept this bid:

**[Stamp form of bid with official stamp of the bidder]**

Name : \_\_\_\_\_

Title : \_\_\_\_\_

Date : \_\_\_\_\_

Signature : \_\_\_\_\_

## Form C: Price Schedule Form

Bidders shall be allowed to quote prices for one or more lots identified in this tender. However, bidders must offer 100% of the items specified for each lot and 100% of the quantities specified for each item of a lot. Evaluation will be done per lot.

N.B UNOPS reserves the right to award the contract on either FCA or DAP INCOTERM basis at the time of award in the best interest of UNOPS. UNOPS Will Award Only One Lot from the Given Three Lots.

### Lot 1-Service Rig with Accessories-5 Set

ITB reference no: [insert ITB reference No.]

Name of Bidder: [insert name of bidder]

Bidders shall fill in these Price Schedule Forms in accordance with the instructions indicated.

#### Bid Summary

Bidder's Total prices FCA (Price of goods FCA + Related Services if applicable)	[insert amount and currency]
Freight Cost	[insert amount and currency]
Insurance cost	[insert amount and currency]
Customs clearance costs at Destination	[insert amount and currency]
Unloading cost at Ministry of Finance warehouse, Addis Ababa	
Other costs , if any	[insert amount and currency]
Bidder's Total prices DAP Ministry of Finance Warehouse (Price of goods FCA + Freight + Insurance + Customs clearance and delivery at destination + offloading cost + Related Services if applicable)	[insert amount and currency]

### Prices for Goods

#### A. Complete Set (Truck, Compressor, Deck engine and all the accessories listed Below under C).

No	Description	Qty (a)	Currency USD			Total price DAP including customs clearance and offloading (a)x(c)
			Unit price FCA (b)	Unit price DAP (c)	Total price FCA (a)x(b)	
1	Service Rig set mounted on a 6*6 trucks 3- Axle -with Compressor, Deck Engine and All the accessories listed Below under C required to make the Service Rig fully Operational.	5				

**B. Breakdown of Major Equipment**

No .	Description	Qty (a)	Currency USD			
			Unit price FCA (b)	Unit price DAP (c)		
1	Truck 6*6, 3 Axle	1				
2	Compressor	1				
3	Deck Engine	1				
4	The Complete Service Rig which includes Mast, Hydraulic Clutch)	1				

**C. Tools and Accessories**

N o.	Description	Qty (a)	Currency USD			
			Unit price FCA (b)	Unit price DAP (c)	Total price FCA (a)x(b)	Total price DAP including customs clearance and offloading (a)x(c)
1	Hoisting Swivel for D.P. 3 1/2" IF pin – rated 20 tons	5				
2	Hoisting Swivel of service – rated 5 tons	5				
3	Casing Elevator for 2" Steel Casing – Capacity 10 tons	10				
4	Casing Elevator for 2 1/2" Steel Casing – Capacity 10 tons	10				
5	Casing Elevator for 3" Steel Casing – Capacity 1 tons	5				
6	Casing Elevator for 4" Steel Casing – Capacity 10 tons	5				
7	Set of Wire Cables and Shackles for above Elevator – rate 10 tons	10				
8	Double swab for 2" casing, 3 1/2" IF box	10				

9	Double swab for 21/2" casing 3 1/2" IF box	10				
10	Double swab for 3" casing 3 1/2" IF box	5				
11	Double swab for 4" casing 3 1/2" IF box	5				
12	Brush for 2" casing, 3 1/2" IF box	5				
13	Brush for 21/2" casing, 3 1/2" IF box	5				
14	Brush for 3" casing, 3 1/2" IF box	5				
15	Brush for 4" casing, 3 1/2" IF box	5				
16	Sub 3 1/2" Reg box x 3 1/2" IF box	10				
17	Sub 2 3/8" Reg box x 3 1/2" IF box	10				
18	Sub 4" NPT Box x 2" NPT Pin	5				
19	Hose for air lift discharge, 3" NPT box connection, 10 m length	10				
20	Air lift end tool, 3 1/2" IF box, 1,5 m length, open bottom, with air inlet for air lift	5				
21	Polyethylene hose, PE100, 40 mm OD, 29 mm ID, 5.5 mm thickness, 10 m length PN25 Bar	5				
22	Pipe Wrench 18"	10				
23	Pipe Wrench 24"	10				
24	Pipe Wrench 36"	10				
25	Chain Wrench for Pipe Size max O.D. 6"	5				
26	17 Tons alloy Shackle with nut and pin	5				
27	two sets of Air cleaner for each of truck and deck engine	20				
28	two sets of fuel filter for each of truck and deck engine	20				
29	two sets of oil filter, for each of truck and deck engine	20				

30	two sets of shoe pad for each of truck and deck engine	20				
31	TOOL BOX complete for service rig maintenance	5				
32	Complete fishing tools (manufacturer recommended tools which are required to make the service rig operational such as electrical, mechanical, plumbing tools etc).	5				

**Bidder's delivery data**

Country of origin of offered products				
FCA point(s) of delivery for offered products				
Shipment dimensions of offered products (Including package)	Gross weight	Total volume	Containers (if applicable)	
			Number	Size

I, the undersigned, certify that I am duly authorised by [**insert full name of bidder**] to sign this bid and bind [**insert full name of bidder**] should UNOPS accept this bid:

Name : \_\_\_\_\_

Title : \_\_\_\_\_

Date : \_\_\_\_\_

Signature : \_\_\_\_\_

## Lot 2-Service Rig with Accessories- 3 Set

ITB reference no: [insert ITB reference No.]

Name of Bidder: [insert name of bidder]

Bidders shall fill in these Price Schedule Forms in accordance with the instructions indicated.

### Bid Summary

Bidder's Total prices FCA (Price of goods FCA + Related Services if applicable)	[insert amount and currency]
Freight Cost	[insert amount and currency]
Insurance cost	[insert amount and currency]
Customs clearance costs at Destination	[insert amount and currency]
Unloading cost at Ministry of Finance warehouse, Addis Ababa	
Other costs , if any	[insert amount and currency]
Bidder's Total prices DAP Ministry of Finance Warehouse (Price of goods FCA + Freight + Insurance + Customs clearance and delivery at destination + offloading cost + Related Services if applicable)	[insert amount and currency]

## Prices for Goods

### A. Complete Set ( Truck, Compressor, Deck engine and all the accessories listed Below under C).

No .	Description	Qty (a)	Currency USD			Total price DAP including customs clearance and offloading (a)x(c)
			Unit price FCA (b)	Unit price DAP (c)	Total price FCA (a)x(b)	
1	Service Rig set mounted on a 6*6 trucks -with Compressor, Deck Engine and All the accessories listed Below under C required to make the Service Rig fully Operational.	3				

**B. Breakdown of Major Equipment**

No .	Description	Qty (a)	Currency USD			
			Unit price FCA (b)	Unit price DAP (c)		
1	Truck 6*6, 3 Axle	1				
2	Compressor	1				
3	Deck Engine	1				
4	The Complete Service Rig which includes Mast, Hydraulic Clutch)	1				

**C. Tools and Accessories**

N o.	Description	Qty (a)	Currency USD			
			Unit price FCA (b)	Unit price DAP (c)	Total price FCA (a)x(b)	Total price DAP including customs clearance and offloading (a)x(c)
1	Hoisting Swivel for D.P. 3 1/2" IF pin – rated 20 tons	3				
2	Hoisting Swivel of service – rated 5 tons	3				
3	Casing Elevator for 2" Steel Casing – Capacity 10 tons	6				
4	Casing Elevator for 2 1/2" Steel Casing – Capacity 10 tons	6				
5	Casing Elevator for 3" Steel Casing – Capacity 1 tons	3				
6	Casing Elevator for 4" Steel Casing – Capacity 10 tons	3				
7	Set of Wire Cables and Shackles for above Elevator – rate 10 tons	6				
8	Double swab for 2" casing, 3 1/2" IF box	6				

9	Double swab for 21/2" casing 3 1/2" IF box	6				
10	Double swab for 3" casing 3 1/2" IF box	3				
11	Double swab for 4" casing 3 1/2" IF box	3				
12	Brush for 2" casing, 3 1/2" IF box	3				
13	Brush for 21/2" casing, 3 1/2" IF box	3				
14	Brush for 3" casing, 3 1/2" IF box	3				
15	Brush for 4" casing, 3 1/2" IF box	3				
16	Sub 3 1/2" Reg box x 3 1/2" IF box	6				
17	Sub 2 3/8" Reg box x 3 1/2" IF box	6				
18	Sub 4" NPT Box x 2" NPT Pin	3				
19	Hose for air lift discharge, 3" NPT box connection, 10 m length	6				
20	Air lift end tool, 3 1/2" IF box, 1,5 m length, open bottom, with air inlet for air lift	3				
21	Polyethylene hose, PE100, 40 mm OD, 29 mm ID, 5.5 mm thickness, 10 m length PN25 Bar	3				
22	Pipe Wrench 18"	6				
23	Pipe Wrench 24"	6				
24	Pipe Wrench 36"	6				
25	Chain Wrench for Pipe Size max O.D. 6"	3				
26	17 Tons alloy Shackle with nut and pin	3				
27	two sets of Air cleaner for each of truck and deck engine	12				
28	two sets of fuel filter for each of truck and deck engine	12				
29	two sets of oil filter, for each of truck and deck engine	12				

30	two sets of shoe pad for each of truck and deck engine	12				
31	TOOL BOX complete for service rig maintenance	3				
32	Complete fishing tools (manufacturer recommended tools which are required to make the service rig operational such as electrical, mechanical, plumbing tools etc).	3				

**Bidder's delivery data**

Country of origin of offered products				
FCA point(s) of delivery for offered products				
Shipment dimensions of offered products (Including package)	Gross weight	Total volume	Containers (if applicable)	
			Number	Size

I, the undersigned, certify that I am duly authorised by [insert full name of bidder] to sign this bid and bind [insert full name of bidder] should UNOPS accept this bid:

Name : \_\_\_\_\_

Title : \_\_\_\_\_

Date : \_\_\_\_\_

Signature : \_\_\_\_\_

## LOT 3-Service Rig with Accessories-2 Set

ITB reference no: [insert ITB reference No.]

Name of Bidder: [insert name of bidder]

Bidders shall fill in these Price Schedule Forms in accordance with the instructions indicated.

### Bid Summary

Bidder's Total prices FCA (Price of goods FCA + Related Services if applicable)	[insert amount and currency]
Freight Cost	[insert amount and currency]
Insurance cost	[insert amount and currency]
Customs clearance costs at Destination	[insert amount and currency]
Unloading cost at Ministry of Finance warehouse, Addis Ababa	
Other costs , if any	[insert amount and currency]
Bidder's Total prices DAP Ministry of Finance Warehouse (Price of goods FCA + Freight + Insurance + Customs clearance and delivery at destination + offloading cost + Related Services if applicable)	[insert amount and currency]

## Prices for Goods

### A. Complete Set ( Truck, Compressor, Deck engine and all the accessories listed Below under C).

No .	Description	Qty (a)	Currency USD			Total price DAP including customs clearance and offloading (a)x(c)
			Unit price FCA (b)	Unit price DAP (c)	Total price FCA (a)x(b)	
1	Service Rig set mounted on a 6*6 trucks -with Compressor, Deck Engine and All the accessories listed Below under C required to make the Service Rig fully Operational.	2				

**B. Breakdown of Major Equipment**

No .	Description	Qty (a)	Currency USD			
			Unit price FCA (b)	Unit price DAP (c)		
1	Truck 6*6, 3 Axle	1				
2	Compressor	1				
3	Deck Engine	1				
4	The Complete Service Rig which includes Mast, Hydraulic Clutch)	1				

**C. Tools and Accessories**

N o.	Description	Qty (a)	Currency USD			
			Unit price FCA (b)	Unit price DAP (c)	Total price FCA (a)x(b)	Total price DAP including customs clearance and offloading (a)x(c)
1	Hoisting Swivel for D.P. 3 1/2" IF pin – rated 20 tons	2				
2	Hoisting Swivel of service – rated 5 tons	2				
3	Casing Elevator for 2" Steel Casing – Capacity 10 tons	4				
4	Casing Elevator for 2 1/2" Steel Casing – Capacity 10 tons	4				
5	Casing Elevator for 3" Steel Casing – Capacity 1 tons	2				
6	Casing Elevator for 4" Steel Casing – Capacity 10 tons	2				
7	Set of Wire Cables and Shackles for above Elevator – rate 10 tons	4				
8	Double swab for 2" casing, 3 1/2" IF box	4				

9	Double swab for 21/2" casing 3 1/2" IF box	4				
10	Double swab for 3" casing 3 1/2" IF box	2				
11	Double swab for 4" casing 3 1/2" IF box	2				
12	Brush for 2" casing, 3 1/2" IF box	2				
13	Brush for 21/2" casing, 3 1/2" IF box	2				
14	Brush for 3" casing, 3 1/2" IF box	2				
15	Brush for 4" casing, 3 1/2" IF box	2				
16	Sub 3 1/2" Reg box x 3 1/2" IF box	4				
17	Sub 2 3/8" Reg box x 3 1/2" IF box	4				
18	Sub 4" NPT Box x 2" NPT Pin	2				
19	Hose for air lift discharge, 3" NPT box connection, 10 m length	4				
20	Air lift end tool, 3 1/2" IF box, 1,5 m length, open bottom, with air inlet for air lift	2				
21	Polyethylene hose, PE100, 40 mm OD, 29 mm ID, 5.5 mm thickness, 10 m length PN25 Bar	2				
22	Pipe Wrench 18"	4				
23	Pipe Wrench 24"	4				
24	Pipe Wrench 36"	4				
25	Chain Wrench for Pipe Size max O.D. 6"	2				
26	17 Tons alloy Shackle with nut and pin	2				
27	two sets of Air cleaner for each of truck and deck engine	8				
28	two sets of fuel filter for each of truck and deck engine	8				
29	two sets of oil filter, for each of truck and deck engine	8				

30	two sets of shoe pad for each of truck and deck engine	8				
31	TOOL BOX complete for service rig maintenance	2				
32	Complete fishing tools (manufacturer recommended tools which are required to make the service rig operational such as electrical, mechanical, plumbing tools etc).	2				

**Bidder's delivery data**

Country of origin of offered products				
FCA point(s) of delivery for offered products				
Shipment dimensions of offered products (Including package)	Gross weight	Total volume	Containers (if applicable)	
			Number	Size

I, the undersigned, certify that I am duly authorised by **[insert full name of bidder]** to sign this bid and bind **[insert full name of bidder]** should UNOPS accept this bid:

Name : \_\_\_\_\_

Title : \_\_\_\_\_

Date : \_\_\_\_\_

Signature : \_\_\_\_\_

**Form D: Technical Bid Form**

ITB reference no: [insert ITB reference No.]

Name of Bidder: [insert name of bidder]

Bidders are required to complete the **Comparative Data Tables** included in Section II: Schedule of Requirements to demonstrate compliance with UNOPS requirements and insert them below. Bidders are NOT allowed to make any change in the “UNOPS requirements” columns of the Comparative Data Tables. Such changes might disqualify your bid.

**Note to Bidders:**

1. Bidders are required to clearly complete the below detailed technical criteria for each proposed product. The specification of the proposed product must correspond with the UNOPS minimum requirements indicated in Section II (Schedule of Requirements) of this ITB.  
i.e. for each product requirement listed below, the bidder must provide the corresponding specification demonstrating alignment with the specified minimum technical requirement. In the case of deviation, the bidder is to provide an additional explanation in the remarks column. **Bidders are required to provide their technical bid submission on the excel sheet shared with the bid- Form D- Excel Version**
2. The Bidder's specification shall be consistent with the brand and model number indicated in the product data sheet / catalogue submitted. **Bidders are requested to provide manufacturer's product data sheet /catalogue to support the bidder's proposed product specification.** Failure to provide the proposed products' technical details in this form (Form G) may result in the disqualification of the bid.
3. For each item, the bidder must propose/indicate only one Brand, Model and Model no. Proposing/indicating more than one Brand, Model and Model is forbidden.

**N.B. Failure to comply with the above instructions may result in rejection of bids.**

**Technical specifications for Goods – Comparative Data Table**

<b>Technical Specification</b>	
<b>Title: Supply and Delivery of Service Rig Ministry of Finance</b>	
<b>Addis Ababa</b>	
<b>Service Rig Minimum Specification - Final</b>	
<b>General Description of Service rigs</b>	
<b>Working Conditions</b>	<b>The Service rig should be able to work in the following conditions</b> <b>Air Temperature 0°-55° c</b> <b>Climate: Humid tropics - Arid desert</b> <b>Altitude: above Sea level 1000m - 3000 m a.s.</b>
<b>TRUCK SPECIFICATION</b>	
<b>HEAVY-DUTY CHASSIS Truck-MODEL – 6x6</b>	

Description	UNOPS Minimum Technical requirement
<b>Basic Information</b>	
Seating capacity	Minimum 2 Including Driver
Steering Orientation	LHD
Number Of Doors	2
Assembly of drilling rig onto	Suitable 6x6, 3 axle Truck
<b>Engine</b>	
Cooling system	Water cooled engine with belt driven fan and Tropical radiator with fan guards and shroud
	Separate reserve tank
	Direct/belt driven water pump equipped with topical type of thermostat with bypass valve
Cylinder Formation	in line
Number of cylinders	6
Net power	Minimum 380HP turbo intercooler, turbo-charging, and inter-cooling
Engine brake	Turbo Brake
Engine type	turbo intercooler euro 3 diesel injection /cycle with electronic unit injection pumps, 4-stroke direct injection, Bore for stroke 135 x 150 mm.
Torque RPM	1800 - 1900 Nm @ 900 - 1900 rpm
Valves per cylinder	four valves per cylinder
Power at RPM	1000 - 1900 rpm
Engine Mount	Front Longitudinal
Aspiration	turbo intercooler
Air cleaner	Dry type multi stage cleaners with restriction gauge and dust remover
Emission control	Euro III
Displacement(cc)	12880 - 13,000 cc
Transfer box ratio	1:1.6
Vertical exhaust	With muffler
17" dry single disc clutch	Hydraulically controlled
<b>Transmission</b>	
Transmission	Gearbox mechanical synchro-mesh 8+8 speed forward and 1+1 reverse (16+2)
Gearbox	Manual Ecosplit 4 technology gearbox with servoshift
Differential lock between axles and wheels	Pneumatic control
Forward gears	16 synchronised forward speeds
Transmission type	Mechanical with two ratios. Helical spur gears
Hig-low gear box	Vendor to Confirm
<b>Suspension &amp; Steering</b>	

Extra heavy-duty suspension	front with shock absorbers, rear reinforced axles with double reduction, central Level gears and planetary hub reduction
Steering	Quadrilateral power steering on front axle wheels with variable ratio 1:22.2/1:26.2 with an auxiliary cylinder.
Front axles	1st axle, driving and steering, in cast iron w double reduction, central by bevelled pair, lateral by epicyclical group in wheel hubs.
Rear Axles	Two drive axles in tandem
Front Suspension	1st axle, parabolic springs, n°4 leaves 24x90 mm or equivalent standard, with hydraulic shock absorbers.
Rear Suspension	Parabolic springs, swivelling on central pin: 1 leaves 40x100 mm or equivalent standard.
<b>Brakes</b>	
Engine Brake	Turbo brake - braking power max 255 kW ( max 342 HP).
Brakes	Front and rear “duo-duplex” self-adjusting wedge type brakes with automatic play take-up.
Service brake:	Pedal controlled air brake, acting on all wheels.
emergency brake:	spring energy, compressed air operating on rear wheels
Parking brake :	Mechanical spring-type with pneumatic control acting on 2nd and 3rd axle wheels.
Auxiliary brake:	Engine exhaust valve brake
Total net braking surface	Minimum 9.276 cm <sup>2</sup> .
<b>Electrical System</b>	
Voltage	24V
Battery	2x12v-170 Ah
Alternator	28v , 80 A
Accumulators	2 in series, 143 Ah.
Starting motor	24v, 5.5 - 6.6 kW.
Hydraulically assisted	Power steering box or equivalent
Control Method	Mechanically controlled electrical circuit breaker
Electrical provision	Electrical provision for bodybuilders plug
	Provision for diagnostics.
	Provision of radio/cd (with speakers)
	Glow plug for cold start.
<b>Tyre</b>	
Tyres dimensions, front axle	13R22,5 156/150
Tyres dimensions, rear axle	13R22,5 156/150

<b>Tyres dimension, 2nd rear axle</b>	<b>13R22,5 156/150</b>
<b>Tyres, total number per unit (units):</b>	<b>10 (with reinforced suspension and steering system)</b>
<b>Spare wheel, total number per unit (units):</b>	<b>One Spare wheel on the chassis.</b>
<b>Tyres with tube or tubeless</b>	<b>Tubeless</b>
<b>Capacities</b>	
<b>Ground Clearance(mm)</b>	<b>Minimum 380 mm</b>
<b>Wheel base (mm):</b>	<b>5100 mm+1450mm</b>
<b>Tare Weight</b>	<b>Tare Vehicle weight - not less than 40000 kg</b>
<b>Gross Vehicle Weight(kg)/Gross Combination weight</b>	<b>120,000 - 121500kg</b>
<b>Vehicle Main Dimensions</b>	
<b>(L x W x H)mm</b>	<b>(L x W x H)mm L - 7670 - 9975, W - 2010 -2550, H - 3500 - 5100</b>
<b>Wheel track (front/rear) (mm)</b>	<b>Wheel track front - 2021 mm-2022 mm</b>
<b>Approach/Departure angle(°)</b>	<b>30°-32°</b>
<b>Cab</b>	
<b>CAB</b>	<b>Rust- free cab made in steel, build around a study steel frame,</b>
<b>Driver seat</b>	<b>Air suspended driver seat, safety belts,</b>
<b>Cab colour</b>	<b>Preferably BLUE</b>
<b>Mirror</b>	<b>tinted glass.</b>
<b>Hook-Front</b>	<b>Front service hook</b>
<b>Hook- Rear</b>	<b>Rear Manoeuvring Hook</b>
<b>In cabin instrumentation panel list but not limited to</b>	
<b>Indications</b>	<b>Tachometer</b>
	<b>Speedometer</b>
	<b>Odometer</b>
	<b>Battery voltage</b>
	<b>Fuel gauge</b>
	<b>Engine temperature</b>
	<b>Door open</b>
	<b>Parking and light on</b>
<b>Warnings</b>	<b>High beam light indication</b>
	<b>Low fuel level</b>
	<b>Low coolant level</b>
	<b>High engine temperature</b>
	<b>Low oil pressure</b>
	<b>Brake air</b>
	<b>Battery charging alternator fail</b>
<b>TRUCK Fuel tank</b>	
<b>Fuel type</b>	<b>Diesel</b>

Fuel tank (L)	Minimum 600 Litres with two different tank
Fuel System	Direct injection with
	Fuel/ water separator & multi stage filters
	Fuel delivery system, common rail or Inline injection pump
	Diesel fuel tank with necessary level sensing equipment
<b>MAIN SERVICE RIG FRAMEWORK</b>	
BASIC RIG MADE UP OF	Shall be made out of electrically welded high-quality steel structural members and tubular pieces
<b>OUTRIGGER</b>	
Two Front fixed hydraulic stabilisers	Should have Stroke 1000 mm for levelling and positioning of rig, complete with check valve and ball joint support plate.
Two Rear fixed hydraulic stabilisers	Should have Stroke 1000 mm for levelling and positioning of rig, complete with check valve and ball joint support plate.
<b>COMPRESSOR DECK ENGINE</b>	
COMPRESSOR DECK ENGINE	Truck with ENT X20, TIER 3 / STAGE III A diesel, 6 cylinders in line, turbo-intercooler, water-cooled, complete of electrical system and battery 24 V
Displacement	12,880 - 13,000 cc
Max power	510 - 550 Hp @ 2000 - 2900 rpm
Alternator- detail spec. and Data sheet	Mandatory to be specified on the datasheet
Low oil pressure switch	Mandatory to be specified on the datasheet
Over temperature switch	Mandatory to be specified on the datasheet
Engine stop solenoid	Mandatory to be specified on the datasheet
Certified engine data- the Bidder shall submit net power and torque and specific fuel consumption curves at the governed RPM.	Mandatory to be specified on the datasheet
Fuel type	Diesel
compressor deck engine Fuel tank (L)	Minimum 300L
<b>AIR COMPRESSOR</b>	
Compressed air module	"PTO" version '2' Two-stage, with hydraulic insert clutches

Discharge pressure	30-35 Bar bar (435 -507.6psi)
Free air delivery	450 - 590 L/S
Revolutions RPM	1800-1900
Starting method	Electric, recoil, crank or spring well starting
Oil Capacity	70 - 80 L
Wide temperature operation	-5°C to +50°C (23°F to 122°F)
<b>COMPRESSOR HYDRAULIC CLUTCH</b>	
Hydraulic clutch	Hydraulic clutch for driving the compressor with hydraulic operation
Nominal rated static torque	3660 - 3670 NM @ 13.8 Bar
Working Pressure	From 10.3 bar To 13.8 bar
Maximum Operating Temperature	150 F (83°C) to 200 F (93°C).
Valve integrated that operates the clutch with a logic of	Soft Start
<b>MAST</b>	
Box type construction	made out of electrically welded high-quality steel. It should be raised and lowered by two a hydraulic ram with safety valves
Mast clearance	Free space under the single clamp is more than 550 mm, free space between the upper clamp and the crown block more than 11m.
Mast capacity	27,000-30,000kg (27-30 tons)
Mast Height	12-13 metre
<b>TOP OF MAST (Crown block)</b>	
TOP OF MAST (Crown block)	With two rear sheaves (Ø 320-325 mm) and 3 front sheaves, two of which with Ø 320-325 mm and one with Ø 200 mm for the service winch
<b>MAIN WINCH</b>	
Line up 1st layer	80 - 85 KN
Maximum back pressure on return line	5 - 5.5 bar
Rope diameter	18-20mm
Cable type	Stainless steel
Cable length	110-130 metre
Rope speed( How fast the winch winds the cable on to the drum)	60 - 80 m/min
<b>SERVICE WINCH</b>	
Direct max pull at first layer	3600Kg-4000 Kg
Max line speed at first layer	50m/min-60m/min
Direct max pull at fifth - seventh layer	2500Kg-3000Kg
Max line speed at fifth - seventh layer	75 - 80 M/min
Rope diameter	12-14mm
Cable type	Stainless steel

Cable length	420-440 metre
<b>CONTROL PANEL</b>	
CONTROL PANEL	Unified type, complete with valves, distributed pressure gauges for hydraulic pump pressure, accessories pressure, and air pressure, diesel engine dial, proportional controls, 24V socket emergency stop and air compressors controls, indicator lights for air filter clogging and high temperature) and water pump speed. The panel should come with a closure cover and footboard for the operator
<b>TRAVELLING BLOCK</b>	
TRAVELLING BLOCK	with 1 sheave with a rotating hook and a connection for third line winch
Capacity	25-40 tons
<b>COMPLETE HYDRAULIC CIRCUIT, MADE UP OF</b>	
Hydraulic oil tank	350- 370 litres, completely covered for inspection and cleaning, vent filter, level indicator and temperature gauge
Variable displacement	Axial piston main pump.
Fixed displacement	Single geared pump 20 cc to engage the clutch and a triplex geared pump (22cc + 20cc + 4cc) for positioning, clamp, and pump drive cooling Heat exchanger(air-oil) for cooling of hydraulic oil Rigid and flexible pipe work, filters, unions.
<b>HYDRAULIC CLAMP</b>	
Equipment for guiding	Blocking drill pipes, bits and casing. High quality steel construction
Powered by	Two hydraulic cylinders
Max passage	Ø 250 -300 mm
Min clamping	Ø 50 mm - Max clamping Ø 250 mm
Force max clamping	15,000 - 45,000kg
<b>LIGHTING SYSTEM</b>	
Hazardous light distance	Minimum 30 metre
All lighting circuits shall have RCBO/ RCD for current leakage sensitivity	Vendor to Confirm
<b>ASSEMBLY</b>	
Assembly of the Service rig	Assembly of drilling rig onto suitable 6x6, 3 axle Truck- Vendor to Confirm
<b>STANDARD PAINTING</b>	
STANDARD PAINTING	Vendor to specify,
<b>MANUALS</b>	
The rig should be supplied	Must include user, operation and maintenance manuals, paper and interactive spare parts catalogue.

Tools to be offered together with the Service Rig (for five Service Rigs)	
Hoisting Swivel for D.P. 3 1/2" IF pin – rated 20 tons	5 pcs
Hoisting Swivel of service – rated 5 tons	5pcs
Casing Elevator for 2" Steel Casing – Capacity 10 tons	10 pcs
Casing Elevator for 2 1/2" Steel Casing – Capacity 10 tons	10 pcs
Casing Elevator for 3" Steel Casing – Capacity 1 tons	5 pcs
Casing Elevator for 4" Steel Casing – Capacity 10 tons	5 pcs
Set of Wire Cables and Shackles for above Elevator – rate 10 tons	10 pcs
Double swab for 2" casing, 3 1/2" IF box	10 pcs
Double swab for 2 1/2" casing 3 1/2" IF box	10 pcs
Double swab for 3" casing 3 1/2" IF box	5 pcs
Double swab for 4" casing 3 1/2" IF box	5 pcs
Brush for 2" casing, 3 1/2" IF box	5 pcs
Brush for 2 1/2" casing, 3 1/2" IF box	5 pcs
Brush for 3" casing, 3 1/2" IF box	5 pcs
Brush for 4" casing, 3 1/2" IF box	5 pcs
Sub 3 1/2" Reg box x 3 1/2" IF box	10 pcs
Sub 2 3/8" Reg box x 3 1/2" IF box	10 pcs
Sub 4" NPT Box x 2" NPT Pin	5 pcs
Hose for air lift discharge, 3" NPT box connection, 10 m length	10 pcs
Air lift end tool, 3 1/2" IF box, 1,5 m length, open bottom, with air inlet for air lift	5 pcs
Polyethylene hose, PE100, 40 mm OD, 29 mm ID, 5.5 mm thickness, 10 m length PN25 Bar	5 pcs
Pipe Wrench 18"	10 pcs
Pipe Wrench 24"	10 pcs
Pipe Wrench 36"	10 pcs
Chain Wrench for Pipe Size max O.D. 6"	5 pcs
17 Tons alloy Shackle with nut and pin	5 pcs
Complete fishing tools (manufacturer recommended tools which are required to make the service rig operations such as minimum electrical, mechanical, plumbing tools). the tools should include at minimum 1. Taper tap for 3 1/2" API IF Box drill pipe, 2. Die collar for 3 1/2" API IF Box drill pipe, 3. Fishing magnet OD 6 1/2" with pulling capacity of 350KG, 4. Rele and electric fuses	5 sets
SPARE PARTS	

Set of suggested spare parts for the service rig for two years operations (4000 hours) which at minimum includes Air cleaner, fuel filter, oil filter, shoe pad , bearings, rings , seals, gaskets etc	Mandatory to specify the list and Qty
Set of suggested spare parts for the carrier truck for two years of operations which at minimum includes Air cleaner, fuel filter, oil filter, shoe pad etc	Mandatory to specify the list and Qty
<b>TOOL BOX</b>	
TOOL BOX that has tools for preventive maintenance of Service ,Truck , Compressor and Deck engine	Vendor to Specify and List the tools
<b>Technical Information/Data Sheet</b>	
Detailed product datasheet/catalogue for all the equipment	Vendor must to provide datasheets with submission
<b>Additional Information</b>	
Manufacturer name and year of manufacture	Vendor to specify
Brand and model of the Truck	Vendor to specify
The truck and deck engine System shall be filled with professional coolant	Vendor to confirm
First aid kit and fire extinguishers	Included (YES/NO)
Pre- Shipment Inspection	UNOPS at its discretion may conduct on s during assembly and pre-shipment inspection the factory of the Service rig.
The manufacturer/supplier should have a local agent in Ethiopia (If no local agent in Ethiopia, Can you commit/agree to arrange a local agent in Ethiopia within one month after award?)	Local agent agreement and contact address the Agent or commitment letter should be submitted
Warranty	Standard Manufacturer Warranty Minimum months
ISO Certificates	Manufacturer's ISO Certificates, and I certificates for main components includ Truck, Compressor and Deck Engine - ISO 9001
Bidders are required to provide their technical bid submission on the excel sheet shared with the bid- Form D- Excel Version	

UNOPS Sustainability, Deliver, and the right to vary — Comparative Data Table			
UNOPS Requirements		Is the bid compliant? Bidder to complete	Details If bidder cannot comply, indicate the reason(s) Bidder to complete
Sustainability Requirements I	<p>The bidder shall demonstrate that its organisation has an environmental management system in place which as a minimum shall provide information on the following:</p> <ul style="list-style-type: none"> <li>- the environmental policy principles of the organisation;</li> <li>- the management measures taken or that will be taken to assess and mitigate the environmental impacts of the business processes/products associated with the execution of the contract;</li> <li>- procedures for monitoring environmental impacts and measures and revalued as a basis for continuous improvement;</li> <li>- how attention is paid to the awareness and training/competency of employee(s) and supplier(s) with regard to dealing with the environmental aspects relevant to this bid;</li> <li>- and that compliance with the environmental legislation applicable to the required performance(s) is guaranteed.</li> </ul>	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details
Sustainability Requirements II	<p>The bidder shall provide documentation that details their approach to ensuring equal opportunity, diversity, and inclusion within their organisation (e.g. equal pay policy, parental leave, the ratio of female to male employees, % of females in management positions, grievances disaggregated by gender, transparency of promotion criteria, sexual harassment policies). Bidders are encouraged to take the WEPs Gender Gap Analysis Tool to identify strengths, gaps, and opportunities to improve their performance on gender equality.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details
Delivery time- Lot 1-Service Rigs with Accessories- 5 Units	Bidder must deliver the goods within within 34 to 40 weeks under FCA as per Incoterms 2020 after Contract signature	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details
Delivery time- Lot 1-Service Rigs with Accessories- 5 Units	Bidder must deliver the goods within within 40 to 46 weeks under DAP as per Incoterms 2020 after Contract signature	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details

Delivery time- Lot 2-Service Rigs with Accessories-3 Units	Bidder must deliver the goods within within 30 to 34 weeks under FCA as per Incoterms 2020 after Contract signature	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details
Delivery time- Lot 2-Service Rigs with Accessories-3 Units	Bidder must deliver the goods within within 34 to 40 weeks under DAP as per Incoterms 2020 after Contract signature	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details
Delivery time- Lot 3-Service Rigs with Accessories -2 Units	Bidder must deliver the goods within within 25 to 30 weeks under FCA as per Incoterms 2020 after Contract signature	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details
Delivery time- Lot 3-Service Rigs with Accessories -2 Units	Bidder must deliver the goods within within 30 to 36 weeks under DAP as per Incoterms 2020 after Contract signature	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details
UNOPS Right to vary requirements	At the time the Contract is awarded, UNOPS reserves the right to vary the quantity of the goods and associated services specified above, provided this does not exceed +/- 20%, without any change in the unit prices or other terms and conditions of the ITB	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details

### Related services requirements

[Provide details of how these services will be provided here]

The offered goods and related services (if applicable) are in accordance with the required specifications and requirements specified in **Section II: Schedule of Requirements**.

☐ Yes ☐ No

ANY DEVIATION MUST BE LISTED BELOW:

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### List of subcontractors or suppliers (if any)

Bidders must identify the names of all subcontractors/suppliers who will be providing goods/services under this contract and the type of work being subcontracted, if applicable.

(A) [Full legal name and address of subcontractors]

(B) \_\_\_\_\_

(C) \_\_\_\_\_

I, the undersigned, certify that I am duly authorised by [insert full name of bidder] to sign this bid and bind [insert full name of bidder] should UNOPS accept this bid:

Name : \_\_\_\_\_

Title : \_\_\_\_\_

Date : \_\_\_\_\_

Signature : \_\_\_\_\_

## Form E: Performance Statement Form

ITB reference no: [insert ITB reference No.]

Name of Bidder: [insert name of bidder]

Date: [insert submission date]

Order placed by (Full address of purchaser)	Order no & date	Description & quantity of ordered items	Value of Order	Date of completion of Delivery		Remarks indicating reasons of late delivery, if any	Was the supply of goods satisfactory?
				As per Contract	Actual		

Name : \_\_\_\_\_

Title : \_\_\_\_\_

Date : \_\_\_\_\_

Signature : \_\_\_\_\_

## Form F: Manufacturer's Authorization Form

A letter issued by the manufacturer authorizing the applicant to participate in this particular ITB must be submitted with the bid in the format provided in this Form.

To be eligible for delivery of goods, the bidder must be either the manufacturer of the offered goods or a sole representative of the manufacturer to the United Nations. Should offers for a particular make and model be received from more than one appointed representative, UNOPS reserves the right to select only one.

ITB reference no: **[insert ITB reference No.]**

Name of Bidder: **[insert name of bidder]**

Date: **[insert submission date]**

To: UNOPS

### WHEREAS

We **[insert complete name of manufacturer]**, who are official manufacturers of **[insert type of goods manufactured]**, having factories at **[insert full address of manufacturer's factories]**, do hereby authorize **[insert complete name of bidder]** to submit a bid the purpose of which is to provide the following goods, manufactured by us **[insert name and or brief description of the goods]**, and to subsequently negotiate and sign the contract.

We hereby extend our full guarantee and warranty in accordance with Clause 4.5 of the General Conditions of Contract for the provision of Goods, with respect to the goods offered by the above firm.

Signed: **[insert signature(s) of authorized representative(s) of the manufacturer]**

Name: **[insert complete name(s) of authorized representative(s) of the manufacturer]**

Title: **[insert title]**

Dated on \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ **[insert date of signing]**