

OIL & GAS DEVELOPMENT COMPANY LIMITED
PROCUREMENT DEPARTMENT ISLAMABAD
FOREIGN SECTION

(To be completed, filled in, signed
and stamped by the principal)

ANNEXURE 'A'

Material TRUCK MOUNTED CRANE & SCISSOR LIFT FOR NASHPA PLANT
Tender Enquiry No PROC-FE/CB/P&P-4603/2020
Due Date
Evaluation Criteria ITEM WISE

SCHEDULE OF REQUIREMENT

Sr No	Description	Unit	Quantity	Unit Price (FOB)	Total Price (FOB)	Unit Price C & F BY SEA	Total Price C & F BY SEA	Deviated From Tender Spec. If Any
1	TRUCK MOUNTED CRANE, CAPACITY 05 TON (MIN) WITH STRAIGHT TELESCOPIC BOOM & WIRE ROPE; AS PER ATTACHED SPECIFICATIONS AND TERMS & CONDITIONS	Number	1					
2	LIFT, MOBILE SCISSOR; WORKING HEIGHT 59FT APPROX., LIFT CAPACITY 500 KGS, 4 CYLINDER, BATTERY 380V, DC POWER HYDRAULIC SYSTEM WITH ALL ACCESSORIES; AS PER ATTACHED TOR AND OTHER SPECIFICATIONS	Number	1					

Note:

Noted!

1. **Bid Bond**; - Pursuant to tender clause # 2.2, 11.4, 13 & 35.3.2, bid(s) must be accompanied by an upfront bid bond in the form of pay order/ demand draft or bank guarantee issued by scheduled bank of Pakistan or a branch of foreign bank operating in Pakistan for an amount of USD 1,500/- (USD One Thousand Five Hundred only) or equivalent in Pak Rupees for Item # 01 and USD 225/- (USD Two Hundred Twenty Five only) or equivalent in Pak Rupees for Item #02, with technical bid and valid for 150 days from the date of opening of the bids. Bid bond in foreign currency or equivalent Pak Rupees will be accepted. Bid Bond will not be acceptable with the banks whose market price per share is quoted below the par value at the Stock Exchange. The bank guarantee must be issued in accordance with the format as per Annexure-C of the tender documents.

2. **Terms and Conditions**: -Bidders are advised to carefully read all the -terms and conditions of the Tender Document available at OGDCL web site in the master tender document.

3. **Shipment from Asian Clearing Union (ACU) Member Countries**: In case of shipment from Asian Clearing Union (ACU) member countries i.e., Bangladesh, Bhutan, Iran, India, Maldives, Nepal, Pakistan, Sri Lanka, and Myanmar, the LC beneficiary should be of that particular country from where the consignment is being shipped.

4. **Summary Rejection Criteria**: - The summary rejection criteria at clause # 35 of the tender document may also be examined carefully. Any bid not meeting the criteria spelled in the clause # 35 shall be summarily rejected without any right of appeal.

5. **Bidder to quote unit price of each quoted spare in the financial bid only**. Un-priced list of spares with quantity to be provided with technical bid.


6. **Foreign Procurement Payment Terms (also available at OGDCL website (Tenders Tab))**:

i. **Tender value less than or equal to US \$200,000:**

Payment to the Contractor/ bidder in foreign currency shall be made by establishing in favor of the Contractor an irrevocable Letter of Credit (hereinafter called the L/C). 70 % Payment (s) under the L/C will be made for the FOB/ CFR / CPT (as the case may be) price of material of each shipment upon submission of the shipping documents. Balance 30% Payment will be released after receipt, inspection and acceptance of material.

ii. **Tender value more than US \$200,000:**

Payment to the Contractor/ bidder in foreign currency shall be made by establishing in favor of the Contractor an irrevocable Letter of Credit (hereinafter called the L/C). 80 % Payment (s) under the L/C will be made for the FOB/ CFR / CPT (as the case may be) price of material of each shipment upon submission of the shipping documents. Balance 20% Payment will be released after receipt, inspection (in addition of pre-shipment inspection) and acceptance of material.

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TERMS OF REFERENCE AND SPECIFICATIONS FOR TRUCK MOUNTED CRANE

1.0 GENERAL

A brand new Truck mounted Crane is required which should be of the latest Model, having Brand(s) of International repute, right hand drive (RHD), forward control Cab, Cargo Truck (4x2) of minimum Gross vehicle weight 18,000 kg equipped with Straight Telescopic Boom Wire Rope Crane (min. 5 ton) for loading/unloading and haulage of equipment. The super structure of the truck must include a holding bay to haulage the load in its three drop side low wall configuration.

2.0 CHASIS SPECIFICATION

Drive:

Right Hand, 4 x 2 or 4 x 4 Drive

GVW:

Minimum 18,000 Kg inclusive of payload

Wheel Base:

Minimum: 4600 mm

Cab:

Forward control steel cab, equipped with foam cushioned dual seats and cabin heating/air conditioning system.

Factory built forward control driver cabin should include


- Minimum 2 doors
- Seating capacity for 3 persons including driver.
- Adjustable Driver Seat to adjust leg room vertically & horizontally.
- Seat belts for Driver & Passengers.
- Sun Visors for Driver & Passenger.
- Tinted/laminated windshield with wide visibility
- Heating/Air Conditioning system.

Engine:

4-stroke, water cooled, direct injection/ turbo charged with intercooler diesel engine having BHP of minimum 200 Horse power @ 2000rpm to accommodate Transmission H.P requirement + site de-rating + vehicle's other H.P requirement (i.e. cooler, fan etc). Details of calculation must be furnished with the bid. Engines specifications on higher side are acceptable.

Calculated engine HP should be capable enough to drive the vehicle at a top speed of 90 km/hr (minimum) with A/C and full load. Exhaust of the engine should meet Euro-II as minimum.

Settled!
Amulya

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Steering:

Power steering, Collapsible type telescopic and tilt steering column equipped with locking device & energy absorption wheel.

Haulage / load carrier bay

Haulage bay of the truck with minimum dimensions (L: 15ft x W: 7ft x H: 2.5 / 4ft)

Floor shall be of chequered plate of 8 mm thickness (minimum).

Haulage bay / Cargo body should have three sides wall hinged/open-able.

Transmission:

Manual with minimum 6F / 1R Configuration

Brakes

Air over hydraulic, dual circuits equipped with parking brake, emergency brake system with automatic / manual brake adjustment may be preferred.

Tyres:

Radial, all-weather tread

Provision of 01 No. spare wheel of the same specs as of vehicle's installed tyres along with rim


Manual / Tool Kits

Workshop repair manual, operation/maintenance manual and parts catalogue 01 No. each in English shall be provided.

Accessories

- i. Safety belts for cabin crew.
- ii. Front protection guard for light / radiator.
- iii. Spare wheel with holder
- iv. Front hook Shock less
- v. Rear hook 3500 KG
- vi. Trailer braking & Elect. Plug Sockets.
- vii. Inside / outside rear view mirror
- viii. Fire extinguisher to be provided inside the driver's cabin.
- ix. Necessary provision for the installation of radio set.

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3.0 SPECIFICATION DETAILS FOR CRANE

Crane Capacity

Lifting Capacity: Minimum 5000 Kgs @ 2.5 Meters

Crane Mounting: Mid-ship mounting (Between Chassis cab and cargo body)

Truck/Crane stability

Vehicle must be 100% stable in 360 Degree rotation of the crane in its full extended boom lengths carrying the permissible weight as per manufacturer recommendations and design.

Boom

Fully powered synchronized **straight telescopic boom** of

No. of Sections:	04 (minimum)
Retracted Length:	Min. 3.0 meter
Extended Length:	Min. 10.0 meter
Max. Lifting Height:	Min. 12.0 meter
Max. Working Radius:	10.0 meter (minimum)
Elevation:	Elevated by double-acting hydraulic cylinder

Winch

Hydraulic motor driven, spur gear speed reduction, provided with mechanical brake and cable follower

Wire Rope: Bidder should define exact dimensions as per load requirement keeping appropriate factor of safety for the rated load)

Slewing

Hydraulic motor driven, worm Gear speed reduction, continuous 360° full circle slewing on ball bearing slew ring. Automatic swing lock.


Hook Block:

Crane hook block with hook drive & sheaves (pulleys) as per crane lifting capacity.

Hook Stowing Device:

To be provided.

Asad (C)

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Outrigger

Manually or Hydraulically extendable sliders and jacks integral with crane frame for stability. The design of the outriggers is such that at mode of full retraction, they should be within the frame of body.

Extended width of outriggers to satisfy the stability of crane with Max Boom Extension in a 360° swing.

Bidder has to clearly mention the No. of outriggers.

Hydraulic System

Hydraulic pump driven system with oil cooler, filter and oil sump. Vendor to advise.

Crane Control

Crane can be operated from both sides of the truck without cab support.

Stability calculations and stability schematic of package (after mounting crane on chassis) are to be provided.

Safety Devices (minimum)

- Load meter
- Over load Alert with Load indicator
- PTO indicator lamp
- Hook safety latch
- Hydraulic safety valves, check and holding valves
- Winch Over-winding alarm
- Level Gauge
- Anti-two-block with Alarm
- Audible Warning
- External Warning Lamp


4.0 MANUAL / TOOL KITS

4.1 Workshop repair manual, operation/maintenance manual and parts catalogue 01 No. each in English language shall be provided. All control and indicators be marked in English.

4.2 Vehicle should contain:

- 01 set of basic hand tools (list to be provided)
- 01 no hydraulic jack with lever of appropriate capacity.

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5.0 02 YEARS SPARES

Bidder to provide list of 02 years' spare parts and separately quote the prices of same in the financial bid. OGDC will select and order the desired parts, however, the evaluation of bid shall be done on the basis of main item, i.e. truck mounted crane.

6.0 PACKAGER

Bidder has to confirm, who shall be the packager of the vehicle, bidder it self, crane manufacturer or chassis manufacturer and who shall provide the performance warranty/guarantee of the vehicle.

7.0 EXPERIENCE / PREVIOUS SUPPLY RECORD

Five years (minimum) of manufacturing experience for the manufacturer of crane & carrier (truck / chassis) is required. There should be availability or previous supply of quoted brand of crane and carrier (truck) in Pakistan.

8.0 WARRANTY

One-year warrantee from the date of commissioning to be provided by manufacturer/supplier for free of cost replacement of any parts/ assemblies due to manufacturing faults.


9.0 AFTER SALES SERVICE

The bidder or the packager or the manufacturer(s) should have an established workshop facility, either owned or in collaboration with a third party, for after sales & services of such type of truck mounted cranes in Pakistan. Bidder to provide details of the workshop including the facilities and nature of work that can be carried out at the workshop(s). Complete contact details including land-line nos., cell phone nos., fax nos. mailing addresses etc. of workshop and dealing persons for the verification should be provided in the bid.

10.0 TERMS & CONDITIONS

Original authority letters (on official letterhead) of both chassis and crane manufacturers in favor of bidder/packager must be provided with technical bid. No scanned/faxed copies of the same will be accepted. Also provide detailed technical specifications and brochures of vehicle & crane in original along with the bid. If the bidder is a packager, then he should submit the Chassis manufacturer authority letter to clarify that there will be no harm on chassis by installation of crane and accordingly provide warranty.

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11.0 THIRD PARTY INSPECTION

Bidder has to confirm to carry out the third party inspection of truck mounted crane at his facilities. TPI may be conducted by any 3rd party firm hired by OGDCL and its cost shall be borne by OGDCL. This has to be confirmed and assured by bidder in technical bid that TPI inspectors and OGDCL professionals will be facilitated in all respects and whatever technical information required for verification will be provided. OGDCL has the right either to conduct TPI or Not.

12.0 FACTORY ACCEPTANCE TEST (FAT)

Bidder has to confirm to carry out FAT of truck mounted crane as per applicable standards at its facilities in presence of OGDCL nominated professionals. Cost of visit, including boarding & lodging to be borne by OGDCL.

13.0 DOCUMENTS TO BE SUBMITTED

- 13.1 Original Authority letter of Chassis Manufacturer
- 13.2 Original Authority Letter of Crane Manufacturer
- 13.3 Chassis Literature
- 13.4 Provision of below mentioned valid Quality Certificates of the Chassis, Crane manufacturers and Packager.
 - 13.4.1 QMS ISO 9001:2008
 - 13.4.2 ISO 14001-2004 (Environmental Management System)
 - 13.4.3 BS OHSAS 18001-2007 (Occupational Health and Safety Management System)
- 13.5 Horse power calculations (engine power, engine accessories HP, Crane Hydraulic System HP (max), PTO HP consumption etc.
- 13.6 Load Calculations. GVW, Pay load after installation of crane etc.
- 13.7 Vehicle general arrangement diagram mentioning complete dimensions.
- 13.8 Load chart
- 13.9 PTO specifications.
- 13.10 Crane Literature
- 13.11 Details of workshop facilities for after Sales & Services in Pakistan. This must comprise of address of the office, contact # of person with name.
- 13.12 Last 05 years supply record for international or Pakistan market to be provided.


14.0 DELIVERY LOCATION & TIME

- 14.1 Delivery terms: C&F by Sea. For local supply: OGDCL Korangi Base Store, Karachi
- 14.2 Delivery time: 04 months after establishment of L/C

Note:

- **Faxed and scanned authority letters are not acceptable.**
- **Bidder to provide signed & stamped copy of these Specifications with Technical bid.**

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15.0 FORMAT OF TECHNICAL BID:

The following sheet to be filled in and submitted with the technical bid:

Sr. #	Specifications	OGDCL's Requirement	Offered specifications
1.	Make and Model	Tadano or equivalent brand of crane and Isuzu or equivalent brand for chassis .	
2.	Address of manufacturer and country of origin	Bidder to provide .	
3.	Engine HP	200 hp @ 2000 rpm or greater	
4.	Crane type	Straight, telescopic boom with wire-rope capable of 360 deg rotation. Winch should also be present.	
5.	Crane capacity	5,000 Kgs @ 2.5 m (min)	
6.	No. of segments of boom	4 nos. (min)	
7.	Boom length when retracted	3 meters (min)	
8.	Boom length when extended	10 meters (min)	
9.	Maximum lifting height	12 meters (min)	
10.	Max working radius	10 meters (min)	
11.	Haulage / load carrier bay	L: 15 ft x W: 7 ft xH: 2.5 / 4 ft (minimum dimensions)	
12.	Outrigger	Manually or hydraulically extendable sliders and jack (min 02 nos.) to provide stability to the crane in its complete operational envelope	
13.	Gross vehicle weight incl. max load	18,000 Kgs	
14.	02 year spares	List of spares to be provided	
15.	Spare wheel and tool box	Required	
16.	Warranty	01 year after being taken in service or 18 months after delivery	
17.	After sales support	Complete after sales support for the offered model or such types of equipment within Pakistan. Address and details of facilities of the workshop to be provided. Bidder to confirm.	

16.0 FORMAT OF TECHNICAL BID:

S#	Scope	Price
1	Crane mounted truck as per Specification mentioned in TOR.	
2	02 year operational spare parts cost (break up should be given).	
3	Total Cost (inclusive of all taxes)	

Evaluation will be on the basis Sr. No. 1 and selection of Spare parts will be on OGDCL choice.





Terms of reference (TOR) and Specifications for Mobile scissor lift.

1. Scope of supply:

Supply of Mobile scissor lift (Quantity: 01 No) for NASHPA plant with following requirement / technical specifications.

- a. Platform Size at least 3070X1600 mm.
- b. Load capacity 450 KG(minimum)
- c. Working height Min 16 meter (minimum)
- d. Platform height Min 14 meter (minimum).
- e. Battery condition indicator.
- f. Multi-Function Universal Charger.
- g. Lubrication Free Scissor Arm Bushings.
- h. Lifting and Tie Down Points.
- i. Fork Lifts Pockets.
- j. Steel Deck
- k. Removable Ladder.
- l. Control Hydraulic system with DC batteries (A/C Powered is not acceptable).
- m. Lift movement should be manual with pneumatic tyres (04 No) & shall not be battery powered.
- n. Cylinder 4 units built in explosion proof valve.
- o. Pump Station with Emergency descent valve, the power failure of the platform shall be manually controlled, with built-in relief valve to prevent the system pressure from being too high during the upward movement, along with overload protection function.
- p. Hydraulic Hose double steel mesh high pressure oil pipe.
- q. The OEM/Supplier should provide 02 set of operation and maintenance / instruction / parts manuals (Hard copy and soft copy) along with all general arrangement drawings, mechanical / instrument / electrical drawings, quality plan & list of recommended lubricants etc.
- r. Two years recommended spare parts list (The spare parts list should be fully detailed with item wise price & quantity). However, the selection of the spares is solely at OGDCL discretion, i.e. OGDCL may not purchase any spare part, reduce the quantities or delete some parts.

2. Site Conditions:


The Mobile scissor lift will be utilized at NASHPA plant, KPK. The general environment data is as below.

Ambient Temperature Data

Ambient Temperature, Maximum: 118 °F (48° C)

Ambient Temperature, Minimum: 36 °F (2.2° C)

Abdul Aziz

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3. Terms & conditions.

- i. Mobile Scissor lift must be brand new & free from any defect.
- ii. If bidder found any ambiguity in specification any technical detail / data, it should be clarified prior to bid submission.
- iii. Bidder shall guaranty the service life of scissor lift is not less than 5 years.
- iv. Delivery terms: C&F by Sea. In case of local supply delivery location: OGDCL Korangi Base Store, Karachi.
- v. Delivery period: 4 months after establishment of L/C.

4. Financial Bid Format:

S#	Scope	Price
1	Mobile Scissor lift as per Specification mentioned in TOR.	
2	02 year operational spare parts cost (break up should be given).	
3	Total Cost (inclusive of all taxes)	

Evaluation will be on the basis Sr. No. 1 and selection of Spare parts will be on OGDCL choice.

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