



**OIL & GAS DEVELOPMENT COMPANY LIMITED**  
**PROCUREMENT DEPARTMENT (LOCAL), ISLAMABAD**  
**SCHEDULE OF REQUIREMENT**

Material : **CRANE MOUNTED CARGO TRUCK**

Tender Enquiry No: **PROC/LF/PT/P&P/17125**

EVALUATION WILL BE CARRIED OUT ON FULL

**Due Date:**

Bid Bond Value : RS.320,000/-

Attachment(if any) : YES


Sr No	Description	Quantity	Make/Brand offered	Unit	Unit Price (PKR) Inclusive Of All Taxes Except GST	Unit Price (PKR) Inclusive of GST	Total Price (PKR) Inclusive of GST	Delivery Period Offered	deviation from Tender Spec. If Any
1	Truck mounted hydraulic crane 5ton; Telescopic; 5 section boom; Boom length 13m (min.); Working radius: 13m (min.); Hook height: 15m (min.). Detailed specifications of truck/crane attached.	1		Number					

**Special Note:-** The prospective bidders also download the master set of Tender Document

- The prospective bidders may keep in touch with OGDCL web site for downloading the clarifications/amendments (if any) issued by OGDCL.
- DELIVERY AT UCH PLANT IN 120 DAYS AFTER LPO ISSUE.100% PAYMENT AFTER DELIVERY AT UCH SITE.

Discount (if any) shall only be entertained on Schedule of Requirement of Bidding Document (Financial Proposal). If the discount is mentioned elsewhere in the bid, the same shall not be entertained.



	<b>Oil &amp; Gas Development Company Ltd.</b> <b>Islamabad PAKISTAN</b>	Controlled Documents # SPEC- Specification Sheet  <b>ANNEXURE “A”</b>
Title: <b>Specifications for Cargo Truck with Telescopic Hydraulic Crane</b>	Date: 01-July, 2017	Page 1 of 6

## 1.0 **GENERAL**

Brand new, latest Model of International repute, right hand drive (RHD), forward control Cab, Cargo Truck (4x2) of minimum Gross vehicle weight 18,000 kg equipped with Telescopic 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 high wall configuration.

## 2.0 **CHASIS SPECIFICATION**

### **Drive:**

Right Hand 4 x 2 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 sufficient BHP around 220-230 Horse power @ 2500rpm 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.

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.

	<b>Oil &amp; Gas Development Company Ltd.</b> <b>Islamabad PAKISTAN</b>	Controlled Documents # SPEC- Specification Sheet  <b>ANNEXURE “A”</b>
Title: <b>Specifications for Cargo Truck with Telescopic Hydraulic Crane</b>	Date: 01-July, 2017	Page 2 of 6

### **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 must be of . size (L x W x H) (20' x 8' x 4')  
Floor shall be of chequered plate of 8 mm thickness.

### **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.

	<b>Oil &amp; Gas Development Company Ltd.</b> <b>Islamabad PAKISTAN</b>	Controlled Documents # SPEC- Specification Sheet  <b>ANNEXURE “A”</b>
Title: <b>Specifications for Cargo Truck with Telescopic Hydraulic Crane</b>	Date: 01-July, 2017	Page 3 of 6

### 3.0 SPECIFICATION DETAILS FOR CRANE

#### **Crane Capacity**

Lifting Capacity:	Maximum 5000 Kgs @ 7'
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 telescoping boom of

Sections: 5	
Retracted Length:	min. 3.70 meter
Extended Length:	min. 13 meter
Elevation:	Elevated by double-acting hydraulic cylinder
Boom Point:	3 Sheaves.

#### **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)

#### **Swing**

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


Swing speed approx. 2.5 rpm

#### **Hook Stowing Device:**

Mechanically Stowed beneath boom top portion.

#### **Outrigger**

Hydraulically extended sliders and jacks integral with crane frame for power up and down. The design of the outriggers is such that at mode of full retraction, they should be within the frame of body.

	<b>Oil &amp; Gas Development Company Ltd.</b> <b>Islamabad PAKISTAN</b>	Controlled Documents # SPEC- Specification Sheet  <b>ANNEXURE “A”</b>
Title: <b>Specifications for Cargo Truck with Telescopic Hydraulic Crane</b>	Date: 01-July, 2017	Page 4 of 6

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.

### **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**

- 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 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.

## **5.0 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.

	<b>Oil &amp; Gas Development Company Ltd.</b> <b>Islamabad PAKISTAN</b>	Controlled Documents # SPEC- Specification Sheet  <b>ANNEXURE “A”</b>
Title: <b>Specifications for Cargo Truck with Telescopic Hydraulic Crane</b>	Date: 01-July, 2017	Page 5 of 6

## **6.0 EXPERIENCE**

Five years of manufacturing experience for crane, carrier manufacturers and packager is must. Bidder should provide supply record for last five years for all three companies with technical bid.

## **7.0 WARRANTY**

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

## **8.0 AFTER SALES SERVICE**

An established workshop facility for after sales & services of crane & chassis should be available in Pakistan. Bidder has to provide all the contact details comprising of cell phone, fax nos. mailing addresses etc. of workshop/office/dealer and person for the verifications.

## **9.0 TERMS & CONDITIONS**


Original authority letters (on official letterhead) of both chassis and crane manufacturer 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 manufacture authority letter to clarify that there will be no harm on chassis by installation of crane and accordingly provide warranty.

## **10.0 FACTORY ACCEPTANCE TEST (FAT)**

Bidder has to confirm to carry out FAT of truck mounted crane as per applicable standards at his facilities in presence of OGDCL nominated professionals.

## **11.0 DOCUMENTS TO BE SUBMITTED**

- 11.1 Original Authority letter of Chassis Manufacturer
- 11.2 Original Authority Letter of Crane Manufacturer
- 11.3 Chassis Literature
- 11.4 Provision of below mentioned valid Quality Certificates of the Chassis, Crane manufacturers and Packager.
  - 11.4.1 QMS ISO 9001:2008
  - 11.4.2 ISO 14001-2004 (Environmental Management System)
  - 11.4.3 BS OHSAS 18001-2007 (Occupational Health and Safety Management System)
- 11.5 Horse power calculations (engine power, engine accessories HP, Crane Hydraulic System HP (max), PTO HP consumption etc.

	<b>Oil &amp; Gas Development Company Ltd.</b> <b>Islamabad PAKISTAN</b>	Controlled Documents # SPEC- Specification Sheet  <b>ANNEXURE “A”</b>	
Title: <b>Specifications for Cargo Truck with Telescopic Hydraulic Crane</b>		Date:01-July, 2017	Page 6 of 6

- 11.6 Load Calculations. GVW, Pay load after installation of crane etc.
- 11.7 Vehicle general arrangement diagram mentioning complete dimensions.
- 11.8 Load chart
- 11.9 PTO specifications.
- 11.10 Crane Literature
- 11.11 Details of workshop facilities for after Sales & Services in Pakistan.  
This must comprise of address of the office, contact # of person with name.
- 11.12 Last 05 years supply record for international or Pakistan market to be provided.
- 11.13 Delivery shall be at Uch Gas Field, Balochistan Near Sohbat Pur.

**Note:**

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