

**OIL & GAS DEVELOPMENT COMPANY LIMITED**  
**PROCUREMENT DEPARTMENT, ISLAMABAD**  
**FOREIGN SECTION E**

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

**ANNEXURE 'A'**

Inquiry No      PROCUREMENT OF DOZERS  
 PROC/FE/CB/C&ESS-3204/2018

Criteria      FULL

**SCHEDULE OF REQUIREMENT**

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
Medium size crawler dozer, along with semi U tilt blade, and multi shank ripper, steel cab, air conditioned/heator.(Further details attached)	Number	2					
Consumable spares required for one year's operation. List of spares with quantity and rates for selection.	Lot	2					
Complete spares for 5 years maintenance, specially spares of fuel injection system and top overhauling etc, with quantity and rates,for selection.	Lot	2					

**Bid bond:** - Pursuant to tender clause # 2.2, 11.4, 13 & 35.3.2, bid bond amounting USD 16,000/- (USD Sixteen Thousand only) or equivalent in Pak Rupees should be submitted with the technical bid.

**Shipment from ACU member Countries:** In case of shipment from ACU member countries, the LC beneficiary should be of that particular country from where the consignment is being shipped.

**Terms and conditions:**-Bidders are advised to carefully read all the terms and conditions of the Tender Document available at OGDCL website in the master tender document and attached technical Terms & Conditions.

Un-priced list of quoted spare parts must be provided with the technical bid.

Bidder to quote "unit price" of each quoted spare part in the financial bid only.

Delivery period: 120 days.

## SPECIFICATION TERMS AND CONDITIONS OF BULLDOZER

### MEDIUM SIZE

1	<b><u>MAKE &amp; TYPE:</u></b>	Brand new medium size crawler dozer, along with straight tilt semi U blade, and, multi shank ripper, steel cab, air conditioned/heater.
2	<b>TECHNICAL DATA:</b>	
	i- OPERATING WEIGHT	<b>26-30 Tons minimum standard machine with blade, and ripper &amp; ROPS cab.</b>
	ii. ENGINE:	-Turbo charged, Diesel Engine, 4 cycles, 6 cylinders, water cooled, after cooler, electronic fuel injection for maximum efficiency, fully tropicalized. Tier-ii exhausts emission. <b>Fuel economy should be the main factor in technical evaluation.</b> Machine with low fuel consumption will be preferred in this regard manufacturer's certification will be required.
	iii- Power	-260 to 300 HP (Net engine power), at rated RPM. -Along with poor fuel/ dusty area arrangements. Hot area arrangements. ( Separate Kits installed). Manufacturer of machine and engine should be same.
	iv- ELECTRIC SYSTEM:	24 Volts Battery.
3	<b><u>TRANSMISSION:</u></b>	
	i- TYPE:	Torque Flow Transmission, planetary gear, and multi disc clutch. Transmission Hydraulically controlled and force lubricated. Gear shift lock and neutral safety switch.
	ii- SPEED:	3-Forward / 3 Reverse, single lever control for all speed.  Gear shift lock lever and neutral safety switch to prevent accidental start.
	iii- TORQUE CONVERTER	Single stage Torque converter.
	iv- STEERING SYSTEM:	Hydrostatic steering system, Wet, Multiple – Disc Steering Clutches Hydraulically actuated, control levers for directional movements. Minimum turning radius 1.99Mtr.
	v- FINAL DRIVE:	Spur – Gear, Double reduction final drive, segmented sprocket rims bolt on type.

4	<p><b>UNDER CARRIAGE:</b></p> <p>i- SUSPENSION:</p> <p>ii- TRACK ROLLER FRAME:</p> <p>iii- TRACK CHAIN:</p>	<p>Oscillation Type, equalizer bar and pivot shaft.</p> <p>Box section, high tensile strength steel construction.</p> <p>Lubricated track, master link type for field replacement.</p> <p>Ground pressure 73 Kpa with single grouser shoe.</p>
5	<b>DOZER BLADE</b>	Blade of high tensile steel with cutting edges and end bits suitable for hard rock dozing, single tilt semi U blade. Blade capacity approximately 6-7 M <sup>3</sup> .
6	<b>RIPPER:</b>	Hydraulically controlled Multi Shank ripper. Maximum lift above ground should be not less than 564mm. Maximum digging depth should be not less than 653 mm.
7	<b>HYDRAULIC SYSTEM</b>	Closed, centre load sensing system.
8	<b>CANOPY:</b>	ROPs steel cab Air-conditioned/ Heater.
9	<b>PUBLICATIONS:</b>	<p>One set (original) with each machine.</p> <p>a. Operator Manual.</p> <p>b. Spare Parts Catalogue</p> <p>c. Workshop Manual.</p>
10	<b>OPERATOR'S TOOLS:</b>	One set operator's tool for normal maintenance to be supplied with equipment (tool list to be provided with bid)
11	<b>TERMS AND CONDITION</b>	<p>i. Provide detailed technical specifications, and machine specifications sheet by manufacturer/ brochures of the manufacturer in <b>Original</b> in English along with the bid, photo copies shall not be accepted.</p> <p>ii. OEM should have minimum 30 years experience of manufacturing these types of machines. (Provide certificate of OEM).</p> <p>iii. The bidders should be the firm agent/ dealer of OEM, having experience more than 20 years in Pakistan.</p> <p>iv. Authority letter from OEM to participate in bid should be submitted along with the bid, otherwise the bid shall not be considered.</p> <p>v. Dealership certificate of OEM should be submitted along with the bid.</p> <p>vi. Availability of spares after sales and service in Pakistan has to be ensured for next 10 years.</p> <p>vii. Supplier should provide details of 3S facilities in Pakistan, and details about workshops/ where</p>

		<p>houses with location, telephone numbers, Fax, and address.</p> <p><b>vii. Evaluation shall be done on main equipment basis.</b></p> <p><b>viii.</b> The bidder must provide specifications of the machine in schedule of requirement of quoted model.</p> <p><b>ix.</b> Supplier should mention the country of origin (Where manufactured, assembled, country of shipment) in data sheet.</p> <p><b>x-</b> Number of machines sold in Pakistan in last 10 years should be provided.</p> <p><b>xi.</b> Certificates from clients indicating satisfactory performance, mentioning contact person, phone number, E-mail, address for verification, should be submitted along with the bid.</p> <p><b>xiii.</b> All the bidders are advised to comply strictly to tender specifications and no deviation shall be allowed.</p> <p><b>xiv.</b> Provide comparison of technical specifications of offered model of the machine with OGDCL's specifications.</p> <p>xv. Manufacturer's original Performa invoice should be submitted.</p> <p>xvi. Country of origin (where manufactured and assembled) and port of shipment must be clearly mentioned in the Performa invoice, otherwise bid shall not be considered.</p> <p>xvii. Required certificates by manufacturer in original.</p> <ol style="list-style-type: none"> <li>a. Certificate of origin.</li> <li>b. Certificates of spare parts availability for next ten years.</li> <li>c. Certificate of latest year of production.</li> <li>d. Certificate of interchangeability of parts.</li> </ol>
12	<b>IN HOUSE TRAINING</b>	03 days separate training for operators, Mechanics and A/Technicians at Authorized dealer's facility free of cost.
13	<b>SPARES</b>	<p>i-Price list of manufacturer's recommendation consumable spares for 01 year running may be provided <b>only along with financial bid</b> for selection.</p> <p>ii-Spare parts list of manufacturer's recommendation with quantity and rates</p>

		(specially spares of fuel injection system and engine top overhauling etc;) be given <b>only along with financial bid for selection.</b>
14	<b>Warranty.</b>	12 Months or 2000 hrs (which comes first) after commissioning.
15	<b>Pre shipment inspection</b>	Pre shipment inspection shall be carried out by third party.
16	<b>Inspection</b>	Inspection of the machine shall be done at OGDCL's premises after delivery in presence of supplier's representative.
17	<b>Commissioning</b>	Commissioning will be done by the supplier at OGDCL's site after delivery and inspection.
18	<b>Delivery period</b>	120 days.
19	<b>Terms of payment</b>	As per slandered LC terms & conditions. Please see tender documents master set available at OGDCL's web site.

## EVALUATION CRITERIA

### Medium sized dozers

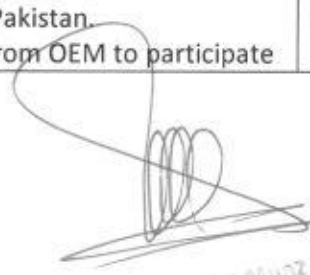
Technical evaluation shall be done by main equipment wise.

Pass Marks= 90

S/No	Description	Total Number	Number obtained
		<b>Technical specifications</b>	
01	OPERATING WEIGHT DOZER:	26-30 Tons minimum standard machine with blade, and ripper & ROPS cab.	5
	ENGINE:	-Turbo charged, Diesel Engine, 4 cycles, 6 cylinders, water cooled, after cooler, electronic fuel injection for maximum efficiency, fully tropicalized. Tier-ii exhausts emission. Along with poor fuel/ dusty area arrangements. Hot area arrangements.( Separate Kits installed) <b>Fuel economy should be the main factor in technical evaluation.</b> Machine with low fuel consumption will be preferred in this regard manufacturer's certification will be required, 260 to 300 HP (Net engine power), at rated RPM. Manufacturer of machine and engine should be same.	10
02	<u>TRANSMISSION: i-</u>	Torque Flow Transmission, planetary gear, and multi disc clutch. Transmission Hydraulically controlled and force lubricated. Gear shift lock and neutral safety switch. 3-Forward / 3 Reverse, single lever control for all speed. Gear shift lock lever and neutral safety switch to prevent accidental start.	5
	ii- TORQUE CONVERTER	Single stage Torque converter.	3

	iii- STEERING SYSTEM:	Hydrostatic steering system, Wet, Multiple – Disc Steering Clutches Hydraulically actuated, control levers for directional movements. Minimum turning radius 1.99Mtr.	2	
	iv- FINAL DRIVE:	Spur – Gear, Double reduction final drive, segmented sprocket rims bolt on type.	2	

3	<b><u>UNDER CARRIAGE</u></b> i- SUSPENSION	Oscillation Type, equalizer bar and pivot shaft.	2	
	II. TRACK CHAIN:	Lubricated track, master link type for field replacement. Ground pressure 73 KPa with single grouser shoe.	2	
4	<b><u>DOZER BLADE</u></b>	Blade of high tensile steel with cutting edges and end bits suitable for hard rock dozing, single tilt semi U blade. Blade capacity approximately 6-7 M <sup>3</sup> .	2	
5	<b><u>RIPPER:</u></b>	Hydraulically controlled Multi Shank ripper. Maximum lift above ground should be not less than 564mm. Maximum digging depth should be not less than 653 mm.	2	
6	<b><u>Hydraulic System</u></b>	Closed, centre load sensing system.	2	
7	<b><u>CANOPY:</u></b>	ROPs steel cab Air-conditioned/ Heater.	2	
8	<b>TERMS AND CONDITION</b>	i. Provide detailed technical specifications, and machine specifications sheet, by manufacturer/ brochures of the manufacturer in <b>Original in English</b> along with the bid, photo copies shall not be accepted.	3	
		ii. OEM should have minimum 30 years experience of manufacturing these types of machines.	8	
		iii. The bidders should be the firm agent/ dealer of OEM, having experience more than 20 years in Pakistan.	8	
		iv. Authority letter from OEM to participate		



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	<p>in bid should be submitted along with the bid, otherwise the bid shall not be considered</p> <p>v. Dealership certificate of OEM should be submitted along with the bid.</p> <p>vi. Availability of spares after sales and service in Pakistan has to be ensured for next 10 years.</p> <p>vii. Supplier should provide details of 3S facilities and details about workshops/ where houses with location, telephone numbers, Fax, and address in Pakistan.</p> <p>viii. Number of machines sold in Pakistan in last 10 years should be provided.  <b>More than 80-100 Machines sold</b>  <b>Less than 80-100 Machines</b></p> <p>xi. Certificates from clients indicating satisfactory performance, mentioning contact person, phone number, E-mail, address for verification, should be submitted along with the bid.</p> <p>xiv. Provide comparison of technical specifications of offered model of the machine with OGDCL's specifications.</p> <p>xvii. Required certificates by manufacturer in original. <ul style="list-style-type: none"> <li>a. Certificate of origin.</li> <li>b. Certificates of spare parts availability for next ten years.</li> <li>c. Certificate of latest year of production.</li> <li>d. Certificate of interchangeability of parts.</li> </ul> </p>	<p>5</p> <p>5</p> <p>5</p> <p>8</p> <p>8</p> <p>0</p> <p>5</p> <p>2</p> <p>4</p>	
		Total No=100	No Obtained



**Muhammad Muaz**  
C:E(Mech)  
Ext: 5065