

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

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

ANNEXURE 'A'

Material CRAWLER EXCAVATORS FOR EFPs  
Tender Enquiry No PROC-FE/CB/ENGG-3239/2018  
Due Date  
Evaluation Criteria MAIN ITEM

**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	Brand new, tracked excavator, along with bucket and compatible Hydraulic breaker (Jack Hammer), having approximately 230 to 260 HP diesel engine, direct injection, with ROPs steel cab Air-conditioned/ Heater.(Details attached)	Number	2					
2	Spares/Consumables for one year running.	Lot	2					
3	Spares(specially spares of fuel injection system and engine top overhauling) for 05 years running.	Lot	2					

Note:

- 1. Bid bond:** - Pursuant to tender clause # 2.2, 11.4, 13 & 35.3.2, bid bond amounting to US\$ 14,000/- (USD Fourteen Thousand only) or equivalent in Pak Rupees should be submitted with the technical bid.
- 2. Foreign Procurement Payment Terms (also available at OGDCL website (Tenders Tab))**  
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.  
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.
- 3. Evaluation Criteria:** - MAIN EQUIPMENT WISE ON CFR BY SEA KARACHI BASIS. Bidder to quote UNIT PRICE and quantity of each recommended spare part in FINANCIAL BID ONLY. Unpriced list to be provided with Technical Bid.
- 4. 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.
- 5. 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.
- 6. Delivery Period:** 150 days

## SPECIFICATIONS, TERMS AND CONDITIONS OF MEDIUM SIZE CRAWLER EXCAVATOR

<b>01</b>	<b><u>DESCRIPTION</u></b>	Brand new, tracked excavator, along with bucket and compatible Hydraulic breaker (Jack Hammer), having approximately 230 to 260 HP diesel engine, direct injection, with ROPs steel cab Air-conditioned/ Heater.
<b>02</b>	<b><u>TECHNICAL DATA:</u></b>	Minimum <b>26 to 32</b> Tons, Standard machine, with general purpose excavating bucket with 5 to 6 teeth & ROPs cab.
	I. OPERATING WEIGHT	
	II. ENGINE:	Turbo charged, Diesel Engine, 4 cycles, 6 cylinders, water cooled, after cooler, electronic fuel injection or plunger type for maximum efficiency, <b>Fuel economy should be the main factor in technical evaluation.</b> fully tropicalized. Machine with low fuel consumption will be preferred in this regard manufacturer's certification will be required. 230 to 260HP (Net engine power), at rated RPM, along with poor fuel/ dusty area arrangements, hot area arrangements.( Separate Kits installed).
	III. POWER	
	IV. ELECTRIC SYSTEM:	24 Volts Battery.
<b>03</b>	<b><u>TRANSMISSION:</u></b>	Hydraulically controlled. Type-Hydro mechanical transmission, main pump variable displacement type, hydraulic motors for travel and swing. Speed- Max: 5.5 Km/hr.
	I. STEERING SYSTEM:	Each track driven by hydraulic motor.
	II. FINAL DRIVE.	Hydrostatic, 2 levers with paddle.
<b>04</b>	<b><u>UNDER CARRIAGE:</u></b>	a- Centre frame- X frame. b- Track frame- Box type c- Track Chain- Lubricated track, master link type for field replacement. d- Hydraulic (grease) track adjusters with shock absorbing recoil spring.
<b>05</b>	<b><u>CANOPY:</u></b>	Wide visibility, ROPs steel cab Air-conditioned/ Heater.
<b>06</b>	<b><u>SWING SYSTEM</u></b>	Hydrostatic swing system, with mechanical holding brake, planetary swing reduction.
<b>07</b>	<b><u>WORKING RANGE</u></b>	a-Arm 3200 mm minimum, boom 6500 mm minimum. b-Maximum Reach at ground level 10900 to 10950 mm. c- Maximum Digging Height- 10000 to 10200 mm. d- Max: Dumping height- 7025 to 7075 mm e- Maximum Digging depth- 7350 - 7400 mm.
<b>08</b>	<b><u>BUCKET</u></b>	a- Bucket- General Purpose excavating bucket, made of high tensile/ strengthened steel having 5 to 6 teeth. b- Capacity- 1.4 to 1.6 Cu Meter.

		<p>b- Capacity- 1.4 to 1.6 Cu Meter.</p> <p>c- Minimum width- 1500 to 1700 mm</p>
09	<b>HYDRAULIC BREAKER/JACK HAMMER</b>	<p>High impact power breaker suitable for re enforced concrete and rock breaking, with nitrogen cushion, 50/50 Piston to Chisel ratio, with moil point. Chisel made of special hardened steel alloy. Capable for under water application.</p> <p>a- Operating Pressure- 135 to 190 bar.</p> <p>b- Impact Rate- 360 to 450 bpm.</p> <p>c- Tool dia range- 100 to 150 mm.</p>
10	<b><u>PUBLICATIONS:</u></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>
11	<b><u>OPERATOR'S TOOLS:</u></b>	<p>One set operator's tool for normal maintenance to be supplied with equipment (tool list to be provided with bid)</p>
12	<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/scanned (colored) copies shall not be accepted)</p> <p>ii. <b>Authority letter from OEM to participate in bid should be submitted along with the bid, otherwise the bid shall not be considered.</b></p> <p>iii. Supplier should be the firm agent of OEM having working experience not less than 15 years in Pakistan in sales and service of relevant field.</p> <p>iv. Valid Dealership Certificate of OEM should be submitted along with the bid.</p> <p>v. Manufacturing company should have minimum 30 years experience of manufacturing in relevant segment.</p> <p>vi. Availability of spares after sales and service in Pakistan has to be ensured for next ten years from authorized dealership.</p> <p>vii. Supplier should provide details of 3S facilities and details about workshops/ where houses with location, telephone No., Fax. No, and address, on original letter head of bidder.</p> <p>viii. Number of machines sold in Pakistan in last 10 years should be provided.</p> <p>xi. Certificates from minimum 03 clients indicating satisfactory performance, mentioning contact person, phone number, E-mail, address for verification, should be submitted along with the bid.</p> <p>x. Evaluation will be done on main equipment wise, and other items shall not be the part of</p>

		<p>evaluation.</p> <p><b>xi.</b> The bidder must provide specifications of the machine in schedule of requirement of quoted model.</p> <p><b>xii.</b> All the bidders are advised to comply strictly to tender specifications and no deviation shall be allowed.</p> <p><b>xiii. Provide comparison of technical specifications of offered model with OGDCL's specifications.</b></p> <p><b>xiv.</b> Manufacturer's original Performa invoice should be submitted.</p> <p><b>xv.</b> Country of origin (where manufactured and assembled) must be clearly mentioned in data summery sheet, otherwise bid shall not be considered.</p> <p><b>xvi.</b> Required certificates by manufacturer in <b>original.</b></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 spares in similar models.</li> </ol>
<b>13</b>	<b>SPARES</b>	<p>i. Price list of manufacturer's recommendation spare parts/Consumables for 01 years standard operation with unit rate be given along with the financial bid for selection.</p> <p>ii. Price list of manufacturer's recommendation spare parts for 05 years standard operation with unit rate be given along with the financial bid for selection.</p>
<b>14</b>	<b>WARRANTY</b>	12 Months or 2000 hrs (which comes first) after commissioning.
<b>15</b>	<b>PRE SHIPMENT INSPECTION</b>	Pre shipment inspection shall be carried out by third party.
<b>16</b>	<b>INSPECTION</b>	Inspection of the machine shall be done at OGDCL's premises after delivery in presence of supplier's representative.
<b>17</b>	<b>IN HOUSE TRAINING</b>	Three days separate training for operators, Mechanics and A/Technicians at Authorized dealer's facility free of cost.
<b>18</b>	<b>COMMISSIONING</b>	Commissioning shall be done by the supplier at OGDCL's site after delivery and inspection.
<b>19</b>	<b>DELIVERY PERIOD</b>	150 days.

## EVALUATION CRITERIA

### Procurement of Crawler type Excavators

Passing No= 90

S#	TYPE	Description / Specifications, terms /Conditions	Numbers	No Obtained
01	<b>MACHINE</b>	Brand new, tracked excavator, along with bucket and compatible Hydraulic breaker (Jack Hammer), having direct injection, with ROPs steel cab Air-conditioned/ Heater, having 26 -32 ton weight. Turbo charged, Diesel Engine, 4 cycles, 6 cylinders, water cooled, after cooler, electronic fuel injection or plunger type for maximum efficiency. <b>Fuel economy should be the main factor in technical evaluation.</b> Fully tropicalized Machine with low fuel consumption will be preferred in this regard manufacturer's certification will be required. 230 to 260HP (Net engine power), at rated RPM, along with poor fuel/ dusty area arrangements, hot area arrangements. (Separate Kits installed). <b>Manufacturer of machine, and engine should be same.</b>	20	
02	<b><u>TRANSMISSION:</u></b>	Hydraulically controlled.  Type- Hydro mechanical transmission, main pump variable displacement type, hydraulic motors for travel and swing. Speed- Max: 5.5 Km/hr.	3	
	I. STEERING SYSTEM:	Each track driven by hydraulic motor.	2	
	II. FINAL DRIVE.	Hydrostatic, 2 levers with paddle.	2	
03	<b><u>UNDER CARRIAGE:</u></b>	a- Centre frame- X frame. b- Track frame- Box type c- Track Chain- Lubricated track, master link type for field replacement. d- Hydraulic (grease) track adjusters with shock absorbing recoil spring.	4	

04	<b>CANOPY:</b>	Wide visibility, ROPs steel cab Air-conditioned/ Heater.	2	
05	<b>SWING SYSTEM</b>	Hydrostatic swing system, with mechanical holding brake, planetary swing reduction.	2	
06	<b>WORKING RANGE</b>	a- Arm 3200 mm minimum, boom 6500 mm minimum. b- Maximum Reach at ground level 10900 to 10950 mm. c- Maximum Digging Height- 10000 to 10200 mm. d- Max: Dumping height- 7025 to 7075 mm e- Maximum Digging depth- 7350 - 7400 mm.	5	
07	<b>BUCKET</b>	a- Bucket- General Purpose excavating bucket, made of high tensile/ strengthened steel having 5 to 6 teeth. b- Capacity- 1.4 to 1.6 Cu Meter. c- Minimum width- 1500 to 1700 mm	3	
08	<b>HYDRAULIC BREAKER/JACK HAMMER</b>	High impact power breaker suitable for re enforced concrete and rock breaking, with nitrogen cushion, 50/50 Piston to Chisel ratio, with moil point. Chisel made of special hardened steel alloy. Capable for under water application. a- Operating Pressure- 135 to 190 bar. b- Impact Rate- 360 to 450 bpm. c- Tool dia range- 100 to 150 mm.	3	
09	<b>TERMS AND CONDITION</b>	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/scanned (colored) copies shall not be accepted) ii. <b>Authority letter from OEM to participate in bid should be submitted along with the bid, otherwise the bid shall not be considered.</b> iii. Supplier should be the firm agent of OEM having working experience not less than 15 years	5  2  5	

		in Pakistan in sales & support of relevant field.	2	
		iv. Valid Dealership certificate of OEM should be submitted along with the bid.	8	
		v. Manufacturing company should have minimum 30 years experience of manufacturing in relevant segment.	5	
		vi. Availability of spares after sales and service in Pakistan has to be ensured for next ten years from Authorized Dealership.	5	
		vii. Supplier should provide details of 3S facilities and details about workshops/ where houses with location, telephone No., Fax. No, and address.		
		viii. Number of machines sold in Pakistan in last 10 years should be provided.		
		More than 100	8	
		Less than 100	2	
		xi. Certificates from minimum 03 clients indicating satisfactory performance, mentioning contact person, phone number, E-mail, address for verification, should be submitted along with the bid.	4	
		xiii. <b>Provide comparison of technical specifications of offered model with OGDCL's specifications.</b>	2	
		xvi. Required certificates by manufacturer in <b>original</b> .		
		a. Certificate of origin.	8	
		b. Certificates of spare parts availability for next ten years.		
		c. Certificate of latest year of production.		
		d. Certificate of interchangeability in similar models.		
			Total	
			No=100	