

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 POWER GENERATOR SETS 300KVA MAXIMUM WITH CANOPY MOUNTED
Tender Enquiry No PROC-FE/CB/EXPL-4392/2019
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	Gen.Sets 300 KVA maximum prime rating of latest model/brand new with canopy.(Detailed specification terms & conditions are attached.	Sets	5					

Note:

NOTE:

1. **Bid bond:** - Pursuant to tender clause # 2.2, 11.4, 13 & 35.3.2, bid bond amounting USD 5,000/- (United States Dollar Five 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 C&F 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. Spare parts shall not be part of financial evaluation.

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:** 120 days

ORACLE SPACIFICATION SHEET REQUISITION No. EW-17/001/2019

Sr.No.	DESCRIPTION
1.	<p><u>FEATURES: -</u> Brand new Generating sets of 300 KVA power prime rating, stand by 330 KVA Max of latest model /new design with canopy. The set must have following features and specifications.</p> <p>1.1 <u>ENGINE: -</u> Diesel engine, six cylinder Four stroke inline heavy duty water cooled, direct injection, at least EURO III having the following specifications: -</p> <ul style="list-style-type: none">a) Net fly wheel horse power from 325 HP to 375 HP @ 1500 RPM.b) Fitted with auto control governor to maintain frequency/volt.c) Suitable for tropical conditions.d) Temperature working range -5 C* to 55 C*.e) Cold starting -5 C*.f) Battery 12/24 volt for starting system.g) Complete tuning/special tool set for engine rectification (Two set with 5 Generator sets) detail list to be provided with the bid.h) STD service tool against each set detail list to be provided with the bid. <p>1.2 <u>ALTERNATER: -</u> Self-excited, brushless, screen protected, drip proof, sealed bearing, fully interconnected, impregnated winding, cooling by fan,100% copper winding, with following specifications: -</p> <ul style="list-style-type: none">a) Phase. 3 phase, 4 wires with provision for single phase supply.b) Output Voltage. 400 VAC 50 Hz,230 VAC at 50 Hz +-5%

- c) Frequency. 50 Hz +- 0.25%
- d) Speed. 1500 RPM
- e) Automatic Voltage. Auto voltage regulator to maintain voltage within+-0.5% from no load to full load.
- f) Power factor. 0.8 lagging +-1%
- g) Insulation. Class H
- h) Start. Manual
- i) Coupling. Flexible
- j) Harmonic. Total harmonic Distortion+-4%
- k) Transient recovery. Fast recovery time 1 second.

PROTECTION/ SHUTDOWN DEVICE: -

1.3

- a) Charging system failure alarm.
- b) Standard Circuit breakers as per requirement.
- c) Low oil pressure/low oil level.
- d) High water temperature/low water level.
- e) Over speed.
- f) Under speed.

CONTROL PANEL: -

1.4

Following must be installed on the generator control panel and all visual display must be visible in day and night. (all indicator/lights should have one switch on/off)

- a) Temperature & oil pressure gauges.
- b) Air filter indicator.
- c) Hours run meter.
- d) Key start switch/Pushbutton

Handwritten signature

- e) Volt meter three phase
- f) Ammeter three phase.
- g) Frequency meter.
- h) Emergency stop key/Pushbutton & alarm buzzer
- i) Loud alarms for over voltage /under voltage/over frequency/under frequency to avoid Alternator failure & save the Electronic Equipments.

1.5

OTHER FEATURES: -

- a) **Fuel capacity:** - 300 to 450 Liters capacity fuel tank mounted on suitable place, fitted with standard accessories.
- b) **Mounting:** - Complete generator set mounted on heavy duty steel base frame with lifting hooks for sling operation at suitable place to avoid damage of canopy.
- c) **Mounting:** - Anti vibration pads between Eng. /alternator and base frame.
- d) **Operating environment:** - The generator must be suitable for operation in entirely open hot/cold and dusty environment, temperature -5C* 55 C*.
- e) **Utilization:** - The set will be utilized for operation for air-conditioners, computers, refrigerators, and test equipment of seismic industry. The sets will be used in seismic field parties
- f) **Canopy:** - Generator set be housed in a steel box for protection against strong wind, rain, dust and extreme weather conditions with angle, rectangle complete frame (upper/lower & vertical sports including doors sports) to maintain alignment for all four sides hinged doors with locks for safety and security. Doors can be lifted/open during its operation & service. The sound proof canopy should be of good quality steel and painted with all-weather color, 4 lifting hooks with main angle frame at suitable place to avoid twist ness of canopy.
- g) **Filtration/exhaust system:** - Oil filter, Primary and secondary fuel filters for removing water and other contaminators from the fuel/oil. Dual air filter (inner & outer /complete suitable exhaust system)

h) *Earth rod & cable:* - Earth cable, connectors and rod should be provided.

MANUALS: -

2. Hard copy of Workshop Repair / Maintenance, Operation Manual & parts Catalogue with Electric diagram in English must be provided with each set.

SPARE PARTS: -

3. Bidder must provide two years running spares parts list with description & part Numbers including the following with Technical bid for selection (Increase & decrease Quantity) of parts:-

- a) Fuel injectors including fuel feed pumps/injection.
- b) Top Overhauling gaskets
- c) Water pump Assy & repair kit.
- d) Turbo charger Assy & repair Kit. (if fitted)
- e) Engine Top overhauling complete parts with detail list.
- f) Fan belts.
- g) All types of filters.
- h) Self-starter.
- i) Alternator.
- j) Automatic volt/frequency & governor control parts.

4. **COMMISSIONING:** -

Two Engineers (Engine & Gen.Set) from the Manufacturer/Bidder will visit for a four weeks to commission the Generator Set at field / Islamabad. Air tickets, Boarding and Lodging of Engineer will be the responsibility of the bidder however boarding & lodging at field locations will be provided by OGDCL.

5. **OEM CERTIFICATE: -**

Original equipment manufacturer certificate will be provided with Technical Bid of complete Generator Set in favour of bidder in case the bidder is not OEM.

6. **WARRANTY: -**

Two year OR 8000 hrs. (which ever come first). Warranty period will start after completion of commissioning. If any defect will occur in Generator Set or its components during operation in warranty period, OGDCL will claim warranty replacement of defective part / component and the manufacturer will replace the defective part / components free of all charges to OGDCL within 30 days. Bidder must provide warranty assurance certificate with technical bid.

7. **TERMS AND CONDITIONS: -**

- a) Original Equipment Manufacturer or its authorized dealer can participate in bidding process, the bid of supply houses & middleman will not be accepted. In case the bidder is Authorized Dealer of OEM then the Bidder will provide Authorization certificate from OEM on its letter head and should indicate name and designation of signing authority with Phone, Fax Number and official Email for confirmation.
- b) The Generator Set manufacturer must have 25 years' experience in manufacturing of Generator Set and must submit the documentary evidence in this connection.
- c) The bidder must provide last 07 years' sale record with technical bid of same or compatible capacity Generator Set sold to different well renowned companies and provide the address, phone number, and e-mail at least 05 buyer companies for confirmation.
- d) Manufacturer / bidder must provide adequate and relevant technical literature / brochures / catalogues (work shop maintenance manual & Parts book) of complete Generator Set. All information's / certificates must be in English language with technical bid for technical evaluation.

- e) The bidder must provide an undertaking for availability of spares and after sales service for next Ten years in Pakistan. The manufacturer of the equipment/bidder will provide full support and an early response on fax / telephone and e-mail communication whenever required by OGDCL.
- f) Cost of 02-year spare parts (At Sr. # 3) not exceed to 10% of the total cost of main equipment and will not include in Financial Evaluation.
- g) Only original and complete bid duly signed & stamped by bidder will be considered for technical evaluation, incomplete, Scanned & Photo copy bid will be accepted only in the light of clause (35.12) of tender documents.
- h) Third party pre-shipment inspection of equipment will be arranged by OGDCL at manufacturer's facility before shipment. **Without 3rd party pre-shipment inspection the equipment will not be shipped nor accepted.**
- i) Delivery period **120 days (Maximum).**

NOTE: - Para wise 1 to 7 Signed & Stamped compliance sheet from manufacturer should be provided with technical bid.