



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

Material : **PROCUREMENT OF 05 NOs, (300 KVA) GENERATOR SETS**

Due Date:

Tender Enquiry No: **PROC-LE/GS/17353/18**

Bid Bond Value : RS.500,000/-

EVALUATION WILL BE CARRIED OUT ON MAIN ITEM

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	Gen.Sets 300 KVA maximum prime rating of latest model/brand new with canopy.(Three pages detailed spacification terms & conditions are attached with Req.#EW-247/17/001/2018.	5		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.
- 1.DELIVERY LOCATION: BASE STORE ISLAMABAD, 2. DELIVERY PERIOD: 120 DAYS AFTER ISSUANCE OF LPO, 3. PAYMENT TERMS: 100% AFTER DELIVERY

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.



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Mandatory Checklist

Please confirm the compliance of the following mandatory information along with the bid(s) (failing which bids(s) will not be accepted)

Documents	To be Attached with the Technical/Financial Bids	Compliance	
		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Original Bid Bond	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Copy of NTN Certificate	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Copy of GST Certificate	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Confirmation that the Firm is appearing on FBR's Active Taxpayer List	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly signed and stamped Annexure-A (Un-priced)	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly filled, signed and stamped Annexure-B	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly filled, signed and stamped Annexure-D	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly filled, signed and stamped Annexure-L on Company's Letterhead	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly signed and stamped Annexure-M on Company's Letterhead	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly signed and stamped Annexure-N on Non-Judicial Stamp Paper duly attested by Notary Public	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly filled, signed and stamped Annexure-A (Priced)	Financial Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly filled, signed and stamped Annexure-C	Financial Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly filled, signed and stamped Annexure-E	Financial Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>

ORACLE SPACIFICATION SHEET REQUISITION No. EW-247/17/001/2018

Sr.No.	DESCRIPTION
1.	<p><u>FEATURES:-</u> Brand new Generating sets of 250 KVA minimum net power prime rating, stand by 300 KVA Max of latest model with canopy. The set must have following features and specifications.</p> <p>1.1 <u>ENGINE:-</u> Diesel engine, Four stroke heavy duty water cooled, direct injection, 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.

1.3

PROTECTION/ SHUTDOWN DEVICE:-

- 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.

1.4

CONTROL PANEL:-

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

- 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.

OTHER FEATURES:-

1.5

- a) **Fuel capacity:** - 280 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 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.

2.

MANUALS:-

Hard copy of Workshop Repair / Maintenance, Operation Manual & parts Catalogue in English. One set of manuals must be attached with Technical Bid for Technical evaluation.

3.

SPARE PARTS:-

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) Self-starter & repair kit.
- h) Alternator and repair Kits including regulator (cut out etc.).
- i) 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.

OEM CERTIFICATE:-

5.

Original equipment manufacturer certificate will be provided with Technical Bid of complete Generator Set in favour of bidder in case 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 occurs 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 at least 150 Sets 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 informations / 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 not be accepted.
- h) Delivery period **120 days (Maximum)**.

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