

PAKISTAN INTERNATIONAL AIRLINES  
Facilities Management Division

REF: AMP /GENERATOR/OVERHAULING /566KVA/PNE/2019  
28<sup>th</sup> October 2019

**Hiring Of Services for General Overhauling & Commissioning Of 566KVA  
Generator Set at Pneumatic PIAC Karachi Airport.**

**TENDER NOTICE**

Seal un-conditional tenders are invited from all B class enlisted electrical contractors and well reputed OEM / Assembler or their genuine partners / authorized service partners of known Assembler for the above subject work registered in C6 category . The bids along with supporting documents including pay order of Rs. 5000/-(Non-Refundable) in the name of Pakistan International Airline should be filled as per the TOR (Terms Of References) attached and addressed to Manager Utilities and to be dropped in tender box placed in Accounts Works Head office by 14<sup>th</sup> November 2019, till 15:00 hrs and will be open on the same day at 15:30 hrs in the office of Manager Utilities.

The bidding will be conducted on single stage single envelop basis (Financial only), Pay Order equal to 02% of bid money must be attached with financial proposal of the bid.

On the face of envelop reference must be written REF: AMP /GENERATOR/OVERHAULING /566KVA/PNE/2019.

**MANAGER UTILITIES (WORKS)**

## DATA SHEET

1.	The name of the Assignment is: Hiring Of Services for General Overhauling & Commissioning Of 566KVA Generator Set at Pneumatic PIAC Karachi Airport.
2.	The name of the Client is: <b>Pakistan International Airlines Corporation (PIA)</b>
3.	The description and the objectives of the assignment are: <b>Overhauling, commissioning and testing of 566KVA Generator Set at Pneumatic PIAC Karachi Airport. Full &amp; Final Rates should be quoted after visit /thorough inspection of the generator and bid should be valid for 180 days after tender opening. Refer to terms &amp; conditions.</b>
4.	Pre-Bidding meeting/visit: All parties are advised to MUST visit the equipment before submission of the bids.
5.	The name(s) and address(es) of the Client's Official(s) is (are): <b>MANAGER UTILITIES</b> <b>Facilities Management Division</b> Flight Operation Building Pakistan International Airline Karachi Airport, Karachi Tel# 99044267 Email : <a href="mailto:khiwepk@piac.aero">khiwepk@piac.aero</a>
6.	The address for seeking clarification and for writing on the proposal is <b>MANAGER UTILITIES</b> <b>Facilities Management Division</b> Flight Operation Building Pakistan International Airline Karachi Airport, Karachi Tel# 99044267 Email : <a href="mailto:khiwepk@piac.aero">khiwepk@piac.aero</a>
7.	Date and time of bidding submission is 14 <sup>th</sup> November 2019 @ 1500Hours
8.	Date and time of opening of bidding is 14 <sup>th</sup> November 2019 @ 1530 Hours
9.	Validity period of the proposal is: <b>180 Days</b>
10.	The location for submission of bidding is: <b>Tender Box Placed In</b> <b>Room no. 270-271</b> <b>Accounts Works Head office</b> Pakistan International Airline Karachi Airport, Karachi Ph: 021-99044517 021-99044190
11.	Method of Evaluation <b>Lowest quoted will be awarded the JOB.</b>
12.	Assignment Completion Period a. General OVERHAULING <span style="float: right;">01 MONTHS</span> b. TESTING/COMMISSIONING <span style="float: right;">15 DAYS</span>

### BILL OF QUANTITIES (BOQ)

S.NO.	DESCRIPTION	QTY	RATE(PKR)	AMOUNT
1	Replacement of cylinder/liner	06 nos		
2	Replacement of Ring set	06 nos		
3	Replacement of cam bush	07 nos		
4	Replacement of valve in	12 nos		
5	Replacement of valve ex	12 nos		
6	Replacement of insert valve in	12 nos		
7	Replacement of insert valve ex	12 nos		
8	Replacement of guide valve with seats	24 nos		
9	Repairing of turbo with replacement of kit, complete in all respect	02 nos		
10	Replacement of oil seals both (front & rear)	02 nos		
11	Replacement of M/oil with filters, complete job in all respect	One job		
12	Replacement of water pump repairing kit	01 no		
13	Replacement of engine gasket set (upper)	01 set		
14	Replacement of engine gasket (lower)	01 set		
15	Replacement of main bearing set	01 set		
16	Replacement of con bearing set	01 set		
17	Replacement of valve seals	24		
18	Repairing of oil pump with new bush and gear shaft polishing, complete job.	One job		
19	Hydraulic pressure testing, cleaning, servicing & refitting head equipment. Complete in all respect	One job		
20	Crank shaft pin grinding with block lain line boring complete job	One job		
21	P/I of safety control panel size 540x340x200mm thick in 18swg Ms steel powdered coated black color with over heat temperature meter amp meter oil temp meter with internal control wiring (imported)	01 no.		
22	Fuel pump/ injectors service & calibration	01 job		
23	Radiator descaling and servicing	01 job		
24	Dynamo /self starter service	01 job		
	Total			

*Note: any other part or work is the responsibility of the contractor /vendor. Generator repair work should*

*be complete in all respect with testing and commissioning on load.*

**TERMS & CONDITIONS:**

a) Gen-set will be made available for testing & commissioning with all pre-requisites such as:

- i) Battery Charging
- ii) Coolant with 20% Antifreeze
- iii) Mobil oil (Full)

b) After completion of job testing & Commissioning of Gen-set as per manufacturer's instruction on available actual load such as:

- i). Voltage
- ii). Current
- iii). Frequency
- iv). Oil Pressure
- v). Engine Water Temperature
- vi). Safeties
- vii). Fault Simulation

d) Transportation, loading & unloading of Gen-sets if required and allied accessories at sites is the responsibility of the contractor.

c) Total price should include all costs of labor, providing & fixing charges, transportation and all applicable taxes.

d) Warranty period to be provided for 01 year of parts and uninterrupted running hours.

e) If during warranty period the gen set become un-operational the contractor will provide a rental gen set of equivalent capacity on their own risk & cost within 36 hours.

f) During warranty period all sorts of parts and servicing will be the responsibility of the contractor.

g) Only genuine parts of authorized dealers will be replaced with the defective parts.

h) All the defective parts will be handed over to PIA Officials on the same day and to be further submitted in Supply chain, RV shall be attached with bill.

i) In case of non-functioning of the generator set a penalty of PKR 5000 per day will be imposed on the contractor and will be deducted from any payable amount of the contractor.(During the warranty period)

j) 10 % security will be deducted from the bill and will be with held for a time of 01 year.

k) No advance payments will be made.