

**THIRD WORLD CENTER FOR CHEMICAL SCIENCES
INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES
UNIVERSITY OF KARACHI
KARACHI-75270**

TENDER NOTICE NO. TWC-300413

Sealed tenders are invited from the sales tax registered firms/suppliers from Sindh Board of Revenue and income tax Department for Supply & Installation of one **Diesel Generator** and purchase/import of **Maintenance Free Dry Batteries** for the Center. The offers can be submitted on F.O.R. basis, or on C&F (**only machine**) (cost of all other components, transportation, installation and any other charges should be quoted on F.O.R. basis). The detail and specifications of the item, can be collected from Purchase Office of the Center, on any working day between 9.00 a.m. to 12.30 p.m., from the date of publication of this advertisement in newspapers, on payment of Rs. 300/- (non-refundable), in shape of a pay order (Demand Draft by the out of Karachi suppliers), in favor of the Director, T.W.C., or downloaded from the websites www.iccs.edu and www.pprasindh.gov.pk **The last date of issuing the Tender documents is 26-04-2013.** The tenders can be submitted **with 2%** of the bid value as bid security, in shape of a pay order in favor of the Director, T.W.C., latest by **2.30 p.m. on 30-04-2013.** The tenders **will be opened in Purchase Office of the Center at 3.00 p.m.** on the same day in presence of the bidders or their representatives. The Procuring Agency may reject all or any bid subject to the relevant provision of SPP rules.

DIRECTOR

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Scope of work:

Supply and complete installation/commissioning of:

Diesel Generator for Standby use with AMF/ATS Panel, sound proof, weather proof and Corrosion resistant Canopy, if required.

At I.C.C.B.S. campus, University of Karachi, Karachi-75270.

Specifications:

250 KVA, Three phase, 400 Volts, 4 wire
50 Hz, minimum power factor 0.8,

American, European, Japanese make or equivalent. The supplier must submit make, model & origin of Engine & Alternator.

With suitable AMF/ATS panel including MOR, (assembled with good quality components and **four pole connections**). The supplier must submit detail (make, model & ratings etc) of major components of the panels.

Proper Earth pits separate for Neutral and Ground. 1 Ohm and depth 100 feet.

Power/control cable (preferably Pakistan Cable Karachi) from generator to its panel, (size, make and per meter cost of cable is required).

Foundation pads (suitable for offered Generator).

Proper thermal lagging (where required) etc.

Prices for spares/consumables required for smooth continuous operation (including routine services top and major overhauling).

Extended warranty (minimum for two years). Running hours of warranty period are also required.

In case of FOR offer, the bidder will deliver Genset and the accessories, at I.C.C.B.S., campus at University of Karachi.

In case of C & F Karachi offer, transportation of Genset and its accessories from Sea Port to I.C.C.B.S. will be bidder's responsibility. The bidder will include its cost in the submitted offer, separately.

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SPECIFICATIONS OF ITEMS

S.No.	Item	Specifications	Qty
1.	Diesel Generator 250 KVA	3 Φ , 4 wire, 50Hz 380-400V PP with ATS and AMF Panel Make: American, European, Japanese or equivalent	1
2.	Maintenance Free Dry Batteries	12V, 80AH Battery life: 10 years Make: American, European, Japanese or equivalent	66

In case of C & F Karachi offer, payment of L/C charges and custom clearance charges (including any applicable duties) will be bidder's responsibility. The bidder will include it in the submitted offer. ICCBS will arrange for the necessary documents required for it.

The supplier:

Will submit recommended running hours of the generator for routine service, top overhauling and major overhauling.

Must be competent to provide after sale service/spare parts back up.

Will submit customer references (**by highlighting the users of same unit**) with the offer.

Will submit detailed electrical and electronic circuit diagrams of supplied unit at the end of installation/commissioning.

Will submit the fuel consumption data.

Will submit recommended/allowed maximum continuous running hours of the offered Generator.

Will submit all the required information on attached sheet, offers without complete information will be treated as technically incomplete and shall be rejected.

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TECHNICAL DATA SHEET (GENERATOR)

1. Genset Prime Power

2. Genset Standy Power

3. Genset unit cost (C&F)

4. Make & Origin of Engine

5. Make & Origin of Alternator

6. Cost of Installation/Commissioning

7. Cost of ATS+AMS

8. Make of ATS component

9. Cost of Civil work

10. Type of Earth pit

11. Cost of earth pit (2 Nos.)

12. Make & Size of Power Cable

13. Per Meter cost of Power Cable

14. Make & Size of Control Cable

15. Per Meter cost of Control Cable

16. Cost of Extended Warranty

17. Warranty R/hrs

18. R/hrs of spare parts

19. Cost of Spare Parts

20. R/hrs of Top Overhauling

21. R/hrs of Major Overhauling

22. Cost of Sound Proof Canopy, if required.

23. Cost of Major Overhauling Parts

24. Cost of Top Overhauling Parts

25. Recommended maximum/allowed continuous running hours

NAME AND STAMP OF THE BIDDER: