

**NATIONAL CENTRE OF  
EXCELLENCE  
IN ANALYTICAL CHEMISTRY**  
University of Sindh, Jamshoro Pakistan

S. No. \_\_\_\_\_

Purchase Date: \_\_\_\_\_

Submit Date: \_\_\_\_\_

Last Date of Submission

**APRIL 15<sup>th</sup> 2016**



**TENDER DOCUMENT**

**Issued By:**

Principle Investigator  
ProjectNo.6-6/Pak-US/HEC/2015/06  
National Centre of Excellence In Analytical Chemistry,  
University Of Sindh, Jamshoro – Pakistan



**National Centre of Excellence in Analytical Chemistry  
University of Sindh, Jamshoro**

**Tender Documents**  
**Specification of Bio Diesel Operated Electric Generator**

S. No	Technical Data	Qty.	Quoted Price in C&F	Quoted Price in F.O.R
	<b><u>Bio Diesel Generator</u></b> <b><u>6 – 10 KVA</u></b>			
1.	<b>Power Factor:</b> 1.0			
2.	<b>No. of Cylinders:</b> 3 in line			
3.	<b>Cubic Capacity:</b> 3.30 liters			
4.	<b>Aspiration:</b> Turbo Charged			
5.	<b>Engine Speed(RPM):</b> 1500 rpm			
6.	<b>Frequency:</b> 50Hz			
7.	<b>Amperage:</b> 154 amp			
8.	<b>Alternator:</b> MeccAlte			
9.	<b>Heat Rejection to Exhaust (Max):</b> 50.5 kw			
10.	<b>Heat Rejection to Cooling System (Max):</b> 39.2 kw			
11.	<b>Exhaust Temperature (Max):</b> 521 deg C			
12.	<b>Combustin Air Flow (Max):</b> 3,9 cu m/min			
13.	<b>Fuel Tank Capacity:</b> 220 liters			
14.	<b>Fuel Consumption at Full Prime Rating:</b> 9.5 liters per hour			
15.	<b>Dimension (LXWXH):</b> 2,385 X 1,100 X 1,643 mm			

<b>16.</b>	<b>Weight (tube oil and coolant):</b> 1,268 kg			
	Total Amount with GST 17% or Total Value with Freight Charge			

**Principle Investigator**  
**National Centre of Excellence in Analytical**  
**Chemistry, University of Sindh, Jamshoro**  
Project No.6-6/Pak-US/HEC/2015/06

## **Terms & Conditions**

1. The due receipt of the tenders is 15th April 2016. The tenders will be recovered on 22nd April 2016 and lastly on 28th April 2016 up to 01: 00 p.m which will be opened on the same day at 03: 00 p.m before the contractor or authorized person.
2. Earnest money @ 2% of the Tender Cost
3. No tenders will be accepted without production of 2% earnest money in shape of call deposit/ pay order.
4. The quoted price should be FOR/C&F
5. The offer must remain valid for 120 days from the date of opening for the successful tender.
6. After the approval of tender, the successful contractor shall be bound to supply the requisite items in the specified time; otherwise the related material will be purchased after completion of the legal proceeding at the risk and cost of the failure.
7. The conditioned tender or accompanying the cross cheque or without accompanying the Bank call deposit or Demand draft on A/c of the earnest money will not be entertained.
8. The contractor shall be bound to abide the rules and regulation of SPPRA along with the specified terms and conditions or directions of the related higher authorities as well as decision of the tenders opening committee.
9. The announcement letter of successful bidders with justification for acceptance or rejection will be affixed within 10 days on the Centre's notice board. The tenders opening committee reserves the rights to accept or reject tender without assigning any reason whereof.

The interested firms/companies may obtain the Tender documents from the Office of Director NCEAC during office hours (09:00 AM – 04: 00 PM) and Tender documents can be download from our website.[www.ceacsu.edu.pk](http://www.ceacsu.edu.pk)

All payments will be accepted in the form of demand draft in favour of Principal Investigator, HEC,PAK-US Project, National Center of Excellence in Analytical Chemistry, Jamshoro.

### **Principal Investigator**

National Centre of Excellence in Analytical Chemistry  
University of Sindh, Jamshoro Tel. 022-2772065, 9213431, Fax. 022- 9213429,  
website. <http://www.ceacsu.edu.pk>