

## Export of Aqua / Culture fishing Equipment to Mauritius

The Government of Mauritius is in process of developing / promoting Aqua culture in Mauritius. It is good opportunity for Pakistan Aqua firms/companies to Export Aqua / Fishing Equipment to Mauritius. A tentative list of equipment along with specification is enclosed. For further detail about Mauritius importers please contact:

**High Commission of Pakistan, Mauritius**

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1. Surface seawater pump
2. Submersible seawater pump-

#### General Specifications for Pumps

- Pumping Capacity 5,000 litre per second and with high Horse Power
  - Corrosion free
  - Overheating
  - Wear of the Impeller
  - Cavitation
  - High flow rates
3. Solar panel including Electricity generating system
  4. Continuous Aquaculture Monitoring System- Seawater

#### General Specifications

- Automatic calibration for oxygen probes- no need for look-up tables; calibrate with a few simple key strokes
- Low maintenance
- Rugged performance
- Fast, stable response
- Superior accuracy
- **Temperature Sensor:** Range : 0-45 °C and Accuracy:  $\pm 0.5^{\circ}\text{C}$
- **Dissolved OPTICAL Oxygen Sensor:** Range : 0-500% air saturation; 0-60 mg/L and Accuracy :  $\pm 5\%$
- **Salinity Sensor:** Range: 0-50 ppt and Accuracy :  $\pm 5\%$
- **Data Logger:** Non-volatile, 2000 data records, 1250 relay/alarm records, 1000 entries/ change records, 500 GLP records
- **Communication Ports/ Interface:** USB and RS232; Ethernet and wireless
- **Alarming:** Local, e-mail, and/or SMS alarming
- **Power Requirements:** Description: 240 VAC switches to 12 VDC backup
- **Display:** Graphic LCD; extended temp range LCD with backlight
- **Accessories and maintenance kit**

- **Software:** PC Software compatible with Windows XP, 7 and 8

5. Depuration tanks
6. **UV System-** 30 watt per 2200 litres per hour of water ( $10 \text{ mJ/cm}^2$ ); wavelength range 100nm to 400nm... Maximum efficiency of UV system at 254nm
7. Sand filter
8. **RAS-** Closed circuit Recirculating Aquaculture system