

**QUOTE FOR SUPPLY, INSTALLATION & COMMISSIONING OF EQUIPMENT & MACHINERY FOR RGCA - AQUATIC QUARANTINE FACILITY
AT NEELANKARAI, CHENNAI.**

Sl. No.	Item of Work	Quantity	Unit	Rate (in Rs.)	Amount (in Rs.)	Amount (in words)
<u>1. PUMPS & MOTORS</u>						
1	<u>RECIRCULATION PUMPS</u>					
	<u>Pumps-</u> <i>(Pump for Saltwater use, all metals in contact with water preferred to be Gr.316SS or Titanium. Copper or copper alloys cannot be used.)</i>					
i	Supply & transportation of 2 Hp , Three Phase 230v - 50 Hz, and speed 2830 rpm, 63mm Ø suction & Delivery, rated minimum of 145gpm @ 8m head, Pump fitted with strainer basket, TEFC motor, inbuilt with union connectors, Diamond seal made of oxidation resistant, self retaining EPDM rubber seal, Pedestal mount. Approved Make : EMAUX/PENTAIR/DAB					
	Recirc Pumps	12.00	Nos.			
<u>2. UV FILTERATION</u>						
2	<u>UV Water sterilizing systems & Ozone treatment systems</u>					
i	High Output UV 80watt 230v 50Hz. @ flow rate of 145gpm, Approved Make : EMAUX/PENTAIR/GOODLIFE	QRO	Nos.			
ii	High Output UV 120watt 230v 50Hz, @ flow rate of 145gpm, Approved Make : EMAUX/PENTAIR/GOODLIFE	20.00	Nos.			
<u>3. HIGH PRESSURE FRESH WATER SYSTEM</u>						
3	<u>HPFW PORTABLE MOBILE JET WASH UNIT</u>					
i	Heavy Duty Industrial High Pressure Cleaning machine works with 85°C input water, 6kw 3 phase connection 415v, 50Hz, produces 200 bar / 2900PSI pressure	4.00	Nos.			
<u>4. AIR CONDITIONERS</u>						
4	<u>Air Conditioners</u>					
i	<u>SPLIT A/C</u>					
a	Supply, Installation & Commissioning of Split Air conditioner with capacity of 2Ton copper coiled unit with all acceries including matching stabilizer etc., all complete. Approved Make : BLUESTAR	15.00	Nos.		-	
5	<u>RECEIVING TANKS (FRP RECTANGLE TANKS)</u>					
	<i>Receiving and Acclimatization (Two drainable Rectangular tank with Legs - 1000 Lts capacity) Tanks are to rear Living Aquatic organisms, use Food grade materials for fabrication of tanks</i>					

	Capacity : 1000 Lts Shape : Rectangular Shape, two sides slope bottom Size : Length 6 200 cm, Width 6 100 cm, Height 6 50cm Rim : 50mm wide (all round with nosing) Stand/Legs : PVC/FRP Legs 6 90mm 8 Nos. legs, height 6 47 cm bottom rubber pad Fabric materials : Fibre Reinforced Plastic (Food Grade Only) Thickness : Tank Wall & Rim - 10mm, Tank Bottom - 10mm & corner Joints at wall and bottom Surface Pigment : Inside - White, Outside 6 Dark gray Drainage : Centre drainage 6 63 mm PVC/FRP coupling type outlet 2 Nos. Sign board : Size 6 10 x 15 cm (Acrylic)	14.00	Nos.			
<u>6. CHILLERS</u>						
6	<u>SEAWATER ONLINE CHILLERS</u>					
i	<u>Chillers -</u> <u>Water Cooled Online</u> Seawater Chillers with Titanium tube evaporators, microprocessor based control panel, flow control relays.	2.00	Nos.			
a	PLQ, Phase - III A & B (60 TR) Fabrication, transportation, supply, Installation & commissioning of Online Water cooled Seawater chiller capacity 60 TR capable of reducing the temperature of sea water at 32°C to Minimum 18°C – Maximum 24°C (+ 1°C) including removable core Titanium tube and PP shell evaporators and condensers using microprocessor based controls, SS 304 frame work and SS hardware, multiple circuit refrigerant piping, expansion valves, safety cut outs including HP/LP cut out, antifreeze thermostat, Stainless steel impeller & casing, condenser & chiller pumps with standby, interconnecting Pre insulated ASTM chilled water piping, All FRP, ASTM Natural draught Cooling Tower, with no metal components except SS nut/bolts, PVC spray nozzles and PVC encased RCC support pedestals.	1.00	Set			
Note:	The rates furnished by the Supplier / Contractor should be inclusive of water, power & other machineries required for the works / Supplies to be carried out at Site. Also the rate shall inclusive of all applicable TAX.					