



## **REQUEST FOR QUOTE FROM THE WORLD INITIATIVE FOR SOY IN HUMAN HEALTH (WISHH)**

### **I. DATE**

October 29, 2021

### **II. PROJECT OBJECTIVE**

To request price quotes for 180 In-Pond Raceway System (IPRS) cages and related components for an aquaculture project in Cambodia. Delivery charges for the cages and related components to Siem Reap, Cambodia need to be included in the price quote. Quotes submitted should include price per IPRS cage and related components, total price for 180 cages and related components and delivery charges to Siem Reap, Cambodia. Quotes are due to ASA/WISHH by November 10, 2021.

### **III. SPECIFICATIONS**

IPRS cage specifications are as follows:

- Raceway specifications
  - Length: 5 meters
  - Width: 1 meter
  - Depth: 1.2 meters (1 meter below water, 0.2 above water)
  - Fiberglass (steel reinforced) floor and walls
  - Painted steel frame construction
  - All parts interchangeable
  - Individual raceways should be able to be connected together to make a stable raft
  - Man-portable over a short distance
- End screens
  - Replicable during operation
  - Stainless steel screen
  - Mesh sizes: 0.5"
  - Treatment doors: 2 per IPRS
- Diffuser air lift pump
  - Diffuser depth: 0.8 meters
  - Total diffuser length: 18 meters
  - Diffuser internal diameter: 13 mm
  - Diffuser air lift dimensions
    - Length: 0.9 meter
    - Width: 0.97 meter

- Height: 1 meter
- Regenerative blowers
  - Power rating: 2HP
  - Voltage: 220v
  - Manifold
    - Internal diameter: 90 mm
    - Distribution hose: 90 mm
    - Ball valves (60 mm) to turn on and off individual raceway diffusers
  - Weather cover for blower (on shore)
- Flootation
  - 30-liter plastic jerry cans
  - Flootation volume modifiable during operation
- Walkways
  - Fitted above flootation
  - Material: Water resistant plastic boards
- Top screen
  - Light weight stainless steel screen
- Electrical shed
  - 3-way switch
  - Electric meter
  - Breakers
  - Diesel generator
    - Automatic generator on/off switch
- Hardware
  - Fasteners: Stainless steel
- Covers
  - Height: 1.80 meters
  - 50% shade cloth cover
  - Galvanized steel tubing
- Aeration treatment diffuser

Photos of similar completed IPRS cages:



#### **IV. TIMING**

All quotes must be submitted no later than 4:00 PM CST by November 10, 2021. To be considered for award, quotes must be submitted by e-mail to Alan F. Poock at apoock@soy.org. Mr. Poock will confirm receipt of each quote; if receipt has not been confirmed, your quote has not been received.

Deliveries to Siem Reap, Cambodia will start around December 15, 2021 per ASA/WISHH orders.

**Non-Discrimination Statement:** In accordance with Federal civil rights law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its Agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident. ASA/WISHH is an equal opportunity provider and employer.

Special consideration will be given to Women or Minority Owned Small Business (WMOSB) entities with SBA certifications (proof of certification must be provided at time of submission).

The firm or individual selected will be required to sign the ASA/WISHH code of conduct and conflict of interest statement.