Short Questionnaire for Vendors

Assessment of IoT-Based Applications in Fisheries Sector under RMTP of PKSF

# Section A: General Information

1. Name of Organization/Vendor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Contact Person & Designation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Location/Office Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Type of Organization:

🞎 PO under PKSF🞎 Private Vendor/Company🞎 Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Section B: IoT Solutions Provided

1. What type of IoT devices/solutions do you provide?

🞎 Water quality monitoring sensor 🞎 Smart feeder 🞎 Automatic aerator

🞎 Fish health monitoring (camera/AI)🞎 Traceability/QR/Blockchain🞎 Other\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Device models/brands offered: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Average cost range of devices (Tk.): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Import sensors from: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. Communication protocol used (GSM/Wi-Fi/LoRa/MQTT etc.): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6. Embedded programming (Arduino, ESP32, STM32 etc.): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7. Special features in your devices/solutions:

# Section C: Service & Support

1. Do you provide installation support?

🞎 Yes🞎 No

2. Do you provide training/orientation to farmers?

🞎 Yes🞎 No

3. After-sales/maintenance support:

🞎 Regular on-site support🞎 Remote support (phone/app)🞎 No support

4. Duration of warranty/service agreement: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Section D: Adoption & Experience

1. Number of farmers/farms served so far: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Average feedback from farmers:

🞎 Very positive🞎 Mixed🞎 Negative

3. Main challenges faced in promoting IoT among smallholder farmers:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Main observed benefits for farmers: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Section E: Future Plans & Suggestions

1. Plans to expand IoT adoption in fisheries sector: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Way to make devices cost-effective: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Suggestions for PKSF/RMTP to promote IoT more effectively: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_