

National Centre for Agricultural Mechanization
(NCAM),
Km 20, Ilorin-Lokoja Highway,
PMB 1525, Ilorin,
Kwara State.
29th October, 2025.

The Executive Vice Chairman/Chief Executive

National Agency for Science and Engineering
Infrastructure (NASENI)
PMB 391 Idu Industrial Layout, Idogwari,
Abuja, Nigeria

SUBJECT: LETTER OF INTENT TO OFFTAKE THE AI-DRIVEN PRECISION HYDROPONICS WATER MANAGEMENT SYSTEM DEVELOPED BY Engr. Dr. AWU John I.

The team, undersigned, hereby express our intention to collaborate on this project proposed as **AI-Driven Precision Hydroponics Water Management System** being developed under the NASENI Research and Development Commercialization Programme.

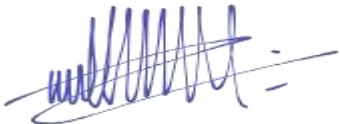
The project team recognizes the potential of this innovative system to revolutionize controlled-environment agriculture in Nigeria through efficient water use, enhanced crop yield, and reduced production costs. Upon successful completion and field validation of the prototype, the team intend to help in deploying the developed greenhouse, hydroponics system and AI-based precision hydroponics water management system within our production partner farms.

The team also express interest in participating in future commercialization phases through potential joint demonstration projects, product distribution, and farmer training programs.

The team believe this collaboration will contribute significantly to national food security, promote local manufacturing, and align with the Federal Government's drive for indigenous technological innovation.

This Letter of Intent serves as an expression of commitment in principle and is not a legally binding contract, but it underscores our readiness to support the commercialization and adoption of this technology once it becomes market-ready.

We look forward to partnering with NCAM and NASENI to ensure the success of this project.



Engr. Dr. AWU John I.
Principal Investigator,
NCAM.