

E-5

**PROCUREMENT OF GOODS
THROUGH
REQUEST FOR QUOTATION
(RFQ)/SHOPPING PROCEDURES**

*(For Contracts valued less than the
equivalent of US \$100,000 each)*

OCTOBER 2023

REQUEST FOR QUOTATIONS
Procurement of Goods under RFQ/Shopping Procedures
Procurement Notice

PURCHASER : The Director & Nodal officer (TN IAMP), Centre for Water and Geospatial Studies, TNAU, Coimbatore - 03

CONTRACT TITLE : Sustaining productivity of Vegetable / Banana under precision farming mode with sensor based automation by adopting of IPM, INM practices (Vegetables, Banana, Tapioca and Castor) – Nandhiyar Kulaiyar, Ponnai, Sathaiyar, Therkar and Aliyar sub basin

RFQ No : **27/TNIAMP/TNAU/CELL/GOODS/PHASE IV/2023-24**
(Phase IV – 2nd year)

DATE : **03.10.2023**

Applicable Procurement Regulations Date: July 2016 revised August 2018

1. The Government of India has received financing from the World Bank in various currencies towards the cost of the Tamil Nadu Irrigated Agriculture Modernization Project and intends to apply part of the proceeds towards eligible payments under the contract for which this request for quotations is issued. **The Director (CWGS) & Nodal officer (TN IAMP), Centre for Water and Geospatial Studies, TNAU, Coimbatore – 03** invites quotations from eligible bidders for the following goods.


Sl. No.	Items	Qty. (Nos)
1.	IoT Based Irrigation MINI Controller	1
2.	Irrigation Valve Controller MINI 10 Station	1
3.	IoT Based Master Controller 4G	1
4.	IoT Based Master Controller WiFi	1
5.	AC Node 5 Station Controller	1
6.	Valve Controller 10 Station	1
7.	Valve Controller 20 Station	1
8.	Valve Controller 30 Station	1
9.	Gateway Unit	1
10.	RTU Each Remote unit support 2 latch solenoid, Inbuilt Battery Backup, Required Power Solar: 4W/12VDC	1
11.	RTU Each Remote unit support 6 latch solenoid, Inbuilt Battery Backup, Required Power Solar: 5W/12VDC.	1
12.	Moisture Sensor Controller	1
13.	Soil Moisture Sensor	1
14.	Water Level Indicator with Sensor	1
15.	Sensor Controller For Pressure & Flow	1
16.	Digital Pressure Sensor	1
17.	EMF Flow Meter 2"	1

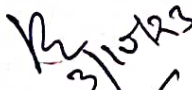

18.	EMF Flow Meter 2.5"	1
19.	EMF Flow Meter 3"	1
20.	EMF Flow Meter 4"	1
21.	Pulse Flow Meter 2"	1
22.	Pulse Flow Meter 3"	1
23.	Pulse Flow Meter 4"	1
24.	1" 24VAC hydraulic Operated Solenoid Valve	
25.	1 1/2" 24VAC hydraulic Operated Solenoid Valve	
26.	2" 24VAC hydraulic Operated Solenoid Valve	1
27.	2" 9VDC hydraulic Operated Solenoid Valve	1
28.	3"24VAC hydraulic Operated Solenoid Valve	1
29.	3" 9VDC hydraulic Operated Solenoid Valve	1
30.	4" 24VAC Solenoid Valve	1
31.	Quick pressure release valve 2" 0-10 bar	1
32.	Backwash Valve 2" IR-2"x2"-350-55-SR-P-BP/BP-S390-243W-24V/AC, Plastic Double Chambered, Filter Backwash Valve (ACT TYPE B) Solenoid Controlled Straight Flow	1
33.	Backwash Valve 3" IR-3"x3"x3"/2-350-55-S-P-VI-S390-3W-24V/AC, Plastic Double Chambered, Filter Backwash Valve (ACT TYPE B) Solenoid Controlled Straight Flow Grooved & 2" BSP Port 1 Note: Nipple & Victaulic Coupling Including	1
34.	Fertigation and Irrigation Master Controller 10 Station	1
35.	Fertigation and Irrigation Master Controller 20 Station	1
36.	Fertigation and Irrigation Master Controller 30 Station	1
37.	Wired Weather Station	1
38.	Wireless Weather Station	1
39.	Fertigation-600-1-A Single Injector	1
40.	Fertigation-2-400 - AUTO - 400 LPH x 2 Injector 24 VAC Controller Compatible Fertigation Systems	1
41.	Fertigation-3-400 - AUTO - 400 LPH x 3 Injector 24 VAC Controller Compatible Fertigation Systems	1
42.	Fertigation-4-400 - AUTO - 400 LPH x 4 Injector 24 VAC Controller Compatible Fertigation Systems	1
43.	Fertigation-5-400 - AUTO - 400 LPH x 5 Injector 24 VAC Controller Compatible Fertigation Systems	1
44.	EC Controller and Sensor With RS485 Output	1
45.	pH Controller and Sensor With RS485 Output	1
46.	Fertigation Solenoid Valve 0.5"	1
47.	Agitator Regenerative Blower 1A Model, 0.4 KW, 0.5HP, Single stage, 2880 RPM, Single Phase, 230V/50 Hz. Airflow 80 M3/hr, Outlet Pressure 120 Mbar, Inlet Pressure (-120 Mbar)	1
48.	Agitator Regenerative Blower 1A Model, 0.75 KW, 1 HP, Single stage, 2880 RPM, Single Phase, 230V/50 Hz. Airflow 145 M3/hr, Outlet Pressure 120 Mbar, Inlet Pressure (-120 Mbar)	1
49.	Agitator Regenerative Blower 3A Model, 2.2 KW, 3 HP, 2880 RPM, Single phase (230 V / 50 Hz), Single stage, Direct drive, Airflow 270 M3/hr, Pressure 250 Mbar / Inlet Pressure (-230 Mbar).	1

50.	Fertigation And Agitator Pump Control Panel with Automatics and manual selection circuit 24VAC control signal	1
51.	Fertigation Pump Control Panel with Automatics and manual selection circuit 24VAC control signal	1
52.	Mini Disc Filter 1" ½" 20m3/h	1
53.	Mini Screen Filter 1 1/2" 20m3/h	1
54.	Mini Disc Filter 2" 25m3/h	1
55.	Screen filter 2.5" 40m3/hr	1
56.	Screen filter 3" 50m3/hr	1
57.	2.5" Semi-Automatic Filter(25-35m3/hr)	1
58.	3" Semi-Automatic Filter(35-42m3/hr)	1
59.	Kinetic Air Valve 1"	1
60.	Combination air valve 1"	1
61.	3/4" Plastic Air Cum Vacuum Relief Valve	1
62.	ARV3/4" Air Cum Vacuum relief valve metal	1
63.	1" air cum Vacuum relief valve	1
64.	1.5"ARV	1
65.	0.5SQMM X 2 CORE RD SH INDL CABLES 1100V MULTICOLORED	1
66.	1.5 SQMM X 2 CORE RD SH INDL CABLES 1100V MULTICOLORED	1
67.	0.5SQMM X 3 CORE RD SH INDL CABLES 1100V MULTICOLORED	1
68.	0.5SQMM X 4 CORE RD SH INDL CABLES 1100V MULTICOLORED	1
69.	0.5SQMM X 5 CORE RD SH INDL CABLES 1100V MULTICOLORED	1
70.	0.5SQMM X 6 CORE RD SH INDL CABLES 1100V MULTICOLORED	1
71.	0.5SQMM X 7 CORE RD SH INDL CABLES 1100V MULTICOLORED	1
72.	0.5SQMM X 8 CORE RD SH INDL CABLES 1100V MULTICOLORED	1
73.	0.5SQMM X 10 CORE RD SH INDL CABLES 1100V MULTICOLORED	1
74.	0.5SQMM X 12 CORE RD SH INDL CABLES 1100V MULTICOLORED	1
75.	0.5SQMM X 16 CORE RD SH INDL CABLES 1100V MULTICOLORED	1
76.	Data Cable 0.5sqmm Shielded Twisted Pair Multi Strand 2 Core	1
77.	Data Cable 0.5sqmm Shielded Twisted Pair Multi Strand 4 Core	1
78.	Fertilizer Tank-1000L	1
79.	Valve Box 10"	1
80.	Valve Box 15"	1
81.	Valve Box 6"	1
82.	Multi Motor Controller Circuit	1
83.	Surge Protector	1

84.	Isolation Transformer 440V to 230V -1.5A	1
85.	Servo Stabilizer 1 KVA Single Phase Air Cooled Wide Range Micro Controller Based Servo Controlled Voltage Stabilizer Input Range: 360V - 500V Output: 230V +/-1%	1
86.	DOL Starter 6 to 10A	1
87.	DOL Starter 9 to 14A	1
88.	3Ph DOL - SDL Dual Motor Panel Board 7.5Hp & 10Hp	1
89.	Installation charge per unit	1
90.	PVC Fitting per valve	1

2. The Bidders may submit Quotations for any items.
3. This Procurement notice includes the terms and conditions applicable to submission of quotations; criteria for qualification, evaluation, and for award of supply order(s); and relevant forms to be filled by the bidders. The Procurement notice including the terms and conditions etc. can be downloaded free of cost by logging on to the website www.tnau.ac.in. In such cases the bidder would be responsible for ensuring that any addenda available in website is also downloaded and incorporated.
4. Deleted
5. Quotations shall be submitted to **The Director & Nodal officer (TN IAMP), Centre for Water and Geospatial Studies, TNAU, Coimbatore - 03** on or before **3.00 PM** on **17.10.2023** through **Post**. The Quotations will be opened (at the same address of quotation submission) on **17.10.2023** at **3.30 PM**.
6. If the Purchaser's office happens to be closed on the date of opening of the Quotations as specified, the Quotations will be opened on the next working day at the same time and venue.
7. Other details can be seen in the RFQ document. The Purchaser shall not be held liable for any delays due to postal or any other reasons whatsoever. A Bidder requiring any clarification of the RFQ Document may visit the office of the Purchaser at the address given below.


The Director (CWGS) & Nodal officer (TN IAMP)
Centre for Water and Geospatial Studies,
Tamil Nadu Agricultural University,
Coimbatore - 03
Phone No: 0422 6611478


 31/10/23

 31/10/23

RFQ No : 27/TNIAMP/TNAU/CELL/GOODS/PHASE IV/2023-24
(Phase IV – 2nd year)

DATE : 03.10.2023

Terms and Conditions

- 1. Eligibility:** A Bidder (a) shall not participate in more than one Quotation; (b) shall not have conflict of interest as defined in the Bank's Procurement Regulations; and (c) should not have been (i) temporarily suspended or debarred by the World Bank Group in compliance with the Bank's Anti-Corruption Guidelines and its Sanctions Framework
- 2. Clarifications & Amendments:** If the Purchaser receives any request for clarification of this RFQ Document, it will upload its response together with any amendment to this document, on the www.tnau.ac.in portal for information of all Bidders. Bidders should check on the portal, for any amendments to the terms and conditions.

3. The Quotation shall comprise the following:

- a) Letter of Quotation;
- b) Delivery Period Offered: List of Goods & Related Services indicating Bidder's offered delivery period in the prescribed Form;
- c) Technical Specifications: confirmation that the offered Goods and Related Services conform to the required specifications;
- d) Evidence in accordance with Clause 6 establishing Bidder's qualifications to perform the contract, if its quotation is accepted;
- e) Performance Statement¹ of supplies of similar goods made during the last 3 years, in the prescribed Format; (*Note: The Performance Statement¹ should be submitted for the evaluation of goods, otherwise the quotation will not be considered for evaluation*)
- (f) Complete address and contact details of the Bidder having the following information:

Name of the Firm:

Address for communication:

Telephone No(s):

Office:

Mobile No:

Facsimile (FAX) No:

Electronic Mail Identification (E-mail ID):

- (g) Price Schedule (Quotation)
-

4. Quotation Prices

- a) The contract shall be for the full quantity of each item, as specified in the Price Quotation Form.
- b) All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
- c) GST and any other taxes, which will be payable on the goods at the time of invoicing in connection with the sale, shall be shown separately. If these are only stated to be extra, such quotations are liable to be rejected. Wherever these taxes are not shown, these will be assumed to have been included in the quoted price.
- d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- e) The Prices shall be quoted in Indian Rupees only (INR).

5. Conformity of Goods: Bidder shall furnish, documentary evidence that the Goods conform to the technical specifications and standards, as relevant for example catalogue, warranty / guarantee etc. of the manufacturer

6. Qualification of the Bidder:

(a) Bidder should have supplied goods of similar type (& capacity) up to at least 100% quantity in any one of last 3 years. Details of supplies made during the last 3 years shall be submitted in the specified Proforma. At least 40 % of the quantity in case of equipment offered for supply should have been in successful operation for at least one year as on date of quotation opening.

(b) Supplies for any particular item in each quotation should be from one manufacturer only. Quotations offering supplies from different manufacturers for the same item in the quotation will be treated as non-responsive.

7. Validity of Quotation: Quotation shall remain valid for a period not less than **15** days after the deadline date specified for submission.

8. Signing of Quotations: The name and position held by each person signing the quotation and related documents must be typed or printed below the signature.

9. Quotation Submission: The Letter of Quotation shall be filled, signed and submitted along with the Price Schedules that shall be furnished using the Forms available in this document.

10. Opening and Evaluation of Quotations: The Quotations will be opened on the specified date, time and place.

- (a) The Purchaser shall examine the quotation to determine whether the quotation (a) has been properly signed (Clause 8); b) meets the eligibility criteria (Clause 1); (c) conforms to all terms, conditions, technical specifications,

warranty/guarantee etc.; and (d) the bidder has accepted the delivery schedule (Purchaser's Requirement Form 1).

- (b) Only Quotations that are substantially responsive to the RFQ document, and meet all Qualification Criteria shall qualify.
- (c) The evaluation shall be based on the total price of Goods and Related services at project site including GST and any other taxes, which will be payable on the finished goods at the time of invoicing.
- (d) The firm should have supplied components of automated irrigation unit to TNAU or TNIAMP to the worth of Rs.70.00 lakhs

11. Award of contract: The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

- (a) Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
- (b) The bidder whose quotation is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporate in the supply order (sample form attached).
- (c) 100% Payment shall be made immediately after delivery of the goods. Payment of GST and other taxes payable for the goods at the time of invoicing, although already included in the total cost, will be at actuals or the rate/amount of these taxes specified in the supply order, whichever is lower.
- (d) Normal commercial warranty/ guarantee shall be applicable to the supplied goods.

Quotation Forms

Letter of Quotation

The Bidder must prepare the Letter of Quotation on stationery with its letterhead clearly showing the Bidder's complete name and address. The italicized text is for Bidder's guidance in preparing these forms and shall be deleted from the final products.

RFQ No.: *[insert identification]*

Our Reference: No..... Dated.....

To:
(Purchaser's name and address)

Subject: Supply of.....

Sir,

1. We, the undersigned, hereby submit our Quotation. In submitting our Quotation, we make the following declarations:

- (a) **No reservations:** We have examined and have no reservations to the RFQ Document;
- (b) **Conformity:** We offer to supply in conformity with the RFQ Document and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *[insert a brief description of the Goods and Related Services];*
- (c) The total price of our Quotation, including any unconditional discounts offered is:
Total price of the Quotation ***[insert the total price of the quotation including GST and any other taxes, which will be payable on the finished goods, in words and figures];***
- (d) **Commissions, gratuities and fees:** We have paid, or will pay the following commissions, gratuities, or fees with respect to the Bidding process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity. If none has been paid or is to be paid, indicate "none."]*
- (e) **Quotation Validity Period:** Our Quotation shall be valid for the period of 15 days, from the deadline fixed for the Quotation submission;
- (f) **Eligibility:** We meet the eligibility requirements and have no conflict of interest, we are not participating in more than one quotation in this bidding process, and we have not been temporarily suspended or debarred by the World Bank.
- (e) **Fraud and Corruption:** We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in any type of corrupt, fraudulent, collusive, coercive, or obstructive practices.

Yours faithfully,

Authorized Signature

Name & Title of Signatory _____

In the capacity of *[insert legal capacity of person signing the Letter of Quotation]*

Name of Bidder _____

Address _____

Dated on _____ day of _____, _____ *[insert date of signing]*

FORMAT OF QUOTATION

Sl. No.	Description of Goods	Specifications	Qty.	Unit	Quoted Unit Rate ² at destination in Rs.	³ GST and similar other taxes applicable on finished Goods/ Services	*Total Price per line item at Destination - inclusive of discounts, all taxes and duties	
							In Figures	In Words
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
TOTAL including all taxes and duties								

² Any unconditional discounts if offered, shall be specified in this column along with the unit rates.

³ Indicate each applicable tax separately.

Note: Evaluation shall be done for *each item separately*

** Payment of GST and other taxes payable for the goods at the time of invoicing, although already included in the total cost, will be at actuals or the rate/amount of these taxes specified in the supply order, whichever is lower.*

We agree to supply the above goods in accordance with the technical specifications for a total contract price (including all taxes and duties) of Rs. (Amount in figures) (Rupees.amount in words) within the period specified in the Request for Quotations.

We also confirm that the normal commercial warranty/guarantee ofmonths shall apply to the offered goods.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf has engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices (as defined in the prevailing World Bank's sanctions procedures) in competing for or in performing the Contract.

Signature of Bidder

PROFORMA FOR PERFORMANCE STATEMENT*

Proforma for Performance Statement (for a period of last 3 years)

RFQ No. _____

Date of opening _____

Time _____ Hours

Name of the Bidder _____

<u>Order placed by</u> <u>(full address of</u> <u>Purchaser)</u>	<u>Order No.</u> <u>and date</u>	<u>Description and</u> <u>quantity of</u> <u>ordered Goods/</u> <u>equipment</u>	<u>Value of order</u>	<u>Date of completion of</u> <u>delivery</u>		<u>In case of Equipment, state</u> <u>if the equipment been</u> <u>satisfactorily functioning?</u> <u>(Attach a certificate from</u> <u>the Purchaser/Consignee)</u>
				As per contract	Actual	
1	2	3	4	5	6	8

Note: The above proforma should be submitted for the evaluation of goods, otherwise the quotation will not be considered for evaluation.

Signature and seal of the Bidder

Purchaser's Requirement

1. LIST OF GOODS & RELATED SERVICES AND DELIVERY PERIOD

Sl. No.	Items	Qty. (Nos)	Desired Delivery Period for completion of supply from the date of the Contract	Bidder's offered Delivery Period <i>[to be provided by the Bidder]</i>
			Within 30 days	<i>[insert the number of days from the date of the Contract]</i>
1.	IoT Based Irrigation MINI Controller	1		
2.	Irrigation Valve Controller MINI 10 Station	1		
3.	IoT Based Master Controller 4G	1		
4.	IoT Based Master Controller WiFi	1		
5.	AC Node 5 Station Controller	1		
6.	Valve Controller 10 Station	1		
7.	Valve Controller 20 Station	1		
8.	Valve Controller 30 Station	1		
9.	Gateway Unit	1		
10.	RTU Each Remote unit support 2 latch solenoid, Inbuilt Battery Backup, Required Power Solar: 4W/12VDC	1		
11.	RTU Each Remote unit support 6 latch solenoid, Inbuilt Battery Backup, Required Power Solar: 5W/12VDC.	1		
12.	Moisture Sensor Controller	1		
13.	Soil Moisture Sensor	1		
14.	Water Level Indicator with Sensor	1		
15.	Sensor Controller For Pressure & Flow	1		
16.	Digital Pressure Sensor	1		
17.	EMF Flow Meter 2"	1		
18.	EMF Flow Meter 2.5"	1		
19.	EMF Flow Meter 3"	1		

20.	EMF Flow Meter 4"	1		
21.	Pulse Flow Meter 2"	1		
22.	Pulse Flow Meter 3"	1		
23.	Pulse Flow Meter 4"	1		
24.	1" 24VAC hydraulic Operated Solenoid Valve			
25.	1 1/2" 24VAC hydraulic Operated Solenoid Valve			
26.	2" 24VAC hydraulic Operated Solenoid Valve	1		
27.	2" 9VDC hydraulic Operated Solenoid Valve	1		
28.	3"24VAC hydraulic Operated Solenoid Valve	1		
29.	3" 9VDC hydraulic Operated Solenoid Valve	1		
30.	4" 24VAC Solenoid Valve	1		
31.	Quick pressure release valve 2" 0-10 bar	1		
32.	Backwash Valve 2" IR-2"x2"-350-55-SR-P-BP/BP-S390-243W-24V/AC, Plastic Double Chambered, Filter Backwash Valve (ACT TYPE B) Solenoid Controlled Straight Flow	1		
33.	Backwash Valve 3" IR-3"x3"x3"/2-350-55-S-P-VI-S390-3W-24V/AC, Plastic Double Chambered, Filter Backwash Valve (ACT TYPE B) Solenoid Controlled Straight Flow Grooved & 2" BSP Port 1 Note: Nipple & Victaulic Coupling Including	1		
34.	Fertigation and Irrigation Master Controller 10 Station	1		
35.	Fertigation and Irrigation Master Controller 20 Station	1		
36.	Fertigation and Irrigation Master Controller 30 Station	1		
37.	Wired Weather Station	1		
38.	Wireless Weather Station	1		
39.	Fertigation-600-1-A Single Injector	1		
40.	Fertigation-2-400 - AUTO - 400 LPH x 2 Injector 24 VAC Controller Compatible Fertigation Systems	1		
41.	Fertigation-3-400 - AUTO - 400 LPH x 3 Injector 24 VAC Controller Compatible Fertigation Systems	1		
42.	Fertigation-4-400 - AUTO - 400 LPH x 4 Injector 24 VAC Controller Compatible Fertigation Systems	1		
43.	Fertigation-5-400 - AUTO - 400 LPH x 5 Injector 24 VAC Controller Compatible Fertigation Systems	1		

44.	EC Controller and Sensor With RS485 Output	1		
45.	pH Controller and Sensor With RS485 Output	1		
46.	Fertigation Solenoid Valve 0.5"	1		
47.	Agitator Regenerative Blower 1A Model, 0.4 KW, 0.5HP, Single stage, 2880 RPM, Single Phase, 230V/50 Hz. Airflow 80 M3/hr, Outlet Pressure 120 Mbar, Inlet Pressure (-120 Mbar)	1		
48.	Agitator Regenerative Blower 1A Model, 0.75 KW, 1 HP, Single stage, 2880 RPM, Single Phase, 230V/50 Hz. Airflow 145 M3/hr, Outlet Pressure 120 Mbar, Inlet Pressure (-120 Mbar)	1		
49.	Agitator Regenerative Blower 3A Model, 2.2 KW, 3 HP, 2880 RPM, Single phase (230 V / 50 Hz), Single stage, Direct drive, Airflow 270 M3/hr, Pressure 250 Mbar / Inlet Pressure (-230 Mbar).	1		
50.	Fertigation And Agitator Pump Control Panel with Automatics and manual selection circuit 24VAC control signal	1		
51.	Fertigation Pump Control Panel with Automatics and manual selection circuit 24VAC control signal	1		
52.	Mini Disc Filter 1" ½" 20m3/h	1		
53.	Mini Screen Filter 1 1/2" 20m3/h	1		
54.	Mini Disc Filter 2" 25m3/h	1		
55.	Screen filter 2.5" 40m3/hr	1		
56.	Screen filter 3" 50m3/hr	1		
57.	2.5" Semi-Automatic Filter(25-35m3/hr)	1		
58.	3" Semi-Automatic Filter(35-42m3/hr)	1		
59.	Kinetic Air Valve 1"	1		
60.	Combination air valve 1"	1		
61.	3/4" Plastic Air Cum Vaccum Relief Valve	1		
62.	ARV3/4" Air Cum Vaccum relief valve metal	1		
63.	1" air cum Vaccum relief valve	1		
64.	1.5"ARV	1		
65.	0.5SQMM X 2 CORE RD SH INDL CABLES 1100V MULTICOLORED	1		

66.	1.5 SQMM X 2 CORE RD SH INDL CABLES 1100V MULTICOLORED	1		
67.	0.5SQMM X 3 CORE RD SH INDL CABLES 1100V MULTICOLORED	1		
68.	0.5SQMM X 4 CORE RD SH INDL CABLES 1100V MULTICOLORED	1		
69.	0.5SQMM X 5 CORE RD SH INDL CABLES 1100V MULTICOLORED	1		
70.	0.5SQMM X 6 CORE RD SH INDL CABLES 1100V MULTICOLORED	1		
71.	0.5SQMM X 7 CORE RD SH INDL CABLES 1100V MULTICOLORED	1		
72.	0.5SQMM X 8 CORE RD SH INDL CABLES 1100V MULTICOLORED	1		
73.	0.5SQMM X 10 CORE RD SH INDL CABLES 1100V MULTICOLORED	1		
74.	0.5SQMM X 12 CORE RD SH INDL CABLES 1100V MULTICOLORED	1		
75.	0.5SQMM X 16 CORE RD SH INDL CABLES 1100V MULTICOLORED	1		
76.	Data Cable 0.5sqmm Shielded Twisted Pair Multi Stand 2 Core	1		
77.	Data Cable 0.5sqmm Shielded Twisted Pair Multi Strand 4 Core	1		
78.	Fertilizer Tank-1000L	1		
79.	Valve Box 10"	1		
80.	Valve Box 15"	1		
81.	Valve Box 6"	1		
82.	Multi Motor Controller Circuit	1		
83.	Surge Protector	1		
84.	Isolation Transformer 440V to 230V -1.5A	1		
85.	Servo Stabilizer 1 KVA Single Phase Air Cooled Wide Range Micro Controller Based Servo Controlled Voltage Stabilizer Input Range: 360V - 500V Output: 230V +/-1%	1		

86.	DOL Starter 6 to 10A	1		
87.	DOL Starter 9 to 14A	1		
88.	3Ph DOL - SDL Dual Motor Panel Board 7.5Hp & 10Hp	1		
89.	Installation charge per unit	1		
90.	PVC Fitting per valve	1		

Place of delivery
Final Destination (Project site)
Annexure –II

S. No.	Name of the Sub Basin	Contact person & Name of the Office	Mobile Number	Area (ha)
1	Nandhiyar Kulaiyar	Dr.V. Radhakrishnan Associate Professor (Entomology) The Principal, Institute of Agriculture Kumalur – 621 712	9655277010	10
2	Ponnai	Dr.A.Gopi Krishnanan Asst. Professor (PBG) The Professor and Head Agricultural Research Station, Virinjipuram- 632104	9944381288	6
3	Sathaiyar	Dr. S. Krishnakumar Asst. Professor (SS&AC) The Programme Coordinator, Krishi Vigyan Kendra, AC &RI, Madurai – 625 104	7904310808	14
4	Therkkar	Dr.B.Usharani Associate Professor (Entomology) The Programme Coordinator, Krishi Vigyan Kendra, Kovilangulam, Virudhunagar	9345293419	5
5	Aliyar	Dr.S. Selvakumar Professor (SWCE) The Director, Centre for Water Geospatial Studies TNAU, Coimbatore -03	9600235700	15
			Total	50