

TAMIL NADU AGRICULTURAL UNIVERSITY
Anbil Dharmalingam Agricultural College and Research Institute
Navalur kuttapattu
Tiruchirappalli-620027



Tender Schedule for the supply of

Solar powered water pumping and delivery system: 3 HP

| Last Date | Opening of Tender | EMD (Rs) |
|--------------------------------------|--------------------------------------|-------------|
| 22.02.2022 02.30 PM | 22.02.2022 03.30 pm | 4000 |



TAMIL NADU AGRICULTURAL UNIVERSITY
Anbil Dharmalingam Agricultural College & Research
Institute
Tiruchirappalli - 620027

Dr. P.Masilamani
Dean

Phone: 0431-2690161
Email: deanagrtry@tnau.ac.in

No.Dean/ADAC&RI/TRY/SSAC/AICRP/Capital/Solar Pump/2022 Dt.04.02.2022

To,

As overleaf

LETTER CALLING FOR LIMITED SEALED TENDERS

It is proposed to purchase the item specified below and you are therefore requested to send your Tenders in sealed cover.

| | | | |
|----|-----------------------|---|---|
| 1. | Items to be purchased | : | Solar powered water pumping and delivery system: 3 HP (Including tax, transport and Installation charges) |
|----|-----------------------|---|---|

Specifications as detailed below;

| S.No | Items/components | Unit | Quantity |
|------|---|----------------------|----------|
| 1). | Solar panel (PV) modules (of each with a Capacity minimum 325 Wp or more for supplying power to 3 HP motor along with cable, switches , structures for mounting solar panels and accessories). The total number of solar panels should supply a minimum of 3000 Wp for running both 3 HP submersible pump and 3 HP centrifugal pump alternately | Number (system Unit) | 1 |
| 2). | Pump controller for running 3 HP (AC)pumps (alternate operation of submersible as well as centrifugal pump (along with cable, switches , structures for mounting pump controller and accessories) | Number (System unit) | 1 |
| 3). | 3 HP (AC) solar submersible water pump (2 inch delivery) with a capacity to draw water up to 300 feet water depth below ground. | Number(System Unit) | 1 |
| 4). | 3 HP (AC) centrifugal water pump (2 inch delivery) to draw water from rain water harvesting farm pond having a depth of 20 feet | Number (System Unit) | 1 |
| 5). | Delivery pipe (2 inch capacity) for connecting 3HP (AC) submersible pump) and drawing water from 250 feet depth from borewell (250 feet) + centrifugal pump | Feet | 350 |

| | | | |
|-----|---|----------------------|-----|
| 6). | Power cables (solar panel/pump controller unit to submersible pump (300 feet) + to centrifugal pump (20 feet) | Feet | 500 |
| 7). | Power cable from AC electricity grid supply to pump controller unit for running (Submersible & centrifugal pump alternately without solar power and accessories | Feet | 250 |
| 8). | Switches and Accessories for connecting AC electricity supply to pump controller unit | Number (system Unit) | 1 |
| 9). | Provision of output switches for taking/drawing AC power from solar source to Farm/domestic use while pump is not in use | Number (System Unit) | 1 |
| 10) | Water meter 2 inch for measuring irrigation water delivery from pumps to different field units | Number | 12 |
| 11) | Transport and Installation charges | whole system | 1 |

| | | | |
|----|-------------------------------|----|---|
| 2. | Due date and time for receipt | : | 22.02.2022, 02.30 PM |
| 3. | Date & Time of Opening | : | 22.02.2022, 03.30 PM |
| 4. | Mode of sending | : | Sealed cover addressed to the The Dean, A.D.Agricultural College & Research Institute, Navalurkuttapattu, Trichy - 620 027. The cover should be Superscribed as “ AICRP-Tender for Solar Pump - due on 22.02.2022 ” |
| 5. | Tender Document | 1. | Limited tender scheduled can downloaded at TNAU website: https://tnau.ac.in/tenders/ |
| | | 2. | To be furnished in the form of Demand Draft drawn in favour of Dean, ADAC&RI, Tiruchirappalli payable at Tiruchirappalli |
| | | 3. | Demand draft to be obtained on after the date 12.02.2021 |
| 6. | E.M.D. | 1. | Rs. 4000/- (Rupees four thousand only) |
| | | 2. | To be furnished in the form of Demand Draft drawn in favour of Dean, ADAC&RI, Tiruchirappalli payable at Tiruchirappalli |
| | | 3. | Demand draft to be obtained on or before 22.02.2022 |
| 7. | Validity of the tender | : | Tender should be valid up to a minimum of <u>45 days</u> from the due date. |

Conditions:

- i. The rate and the taxes thereon if any should be furnished separately either in FC / INR.
- ii. The amount should be shown both in figures and in words. Corrections if any should be attested properly. Tenders with corrections not attested will be rejected.
- iii.
 - a) Tenders without furnishing the required EMD will be rejected.
 - b) Tenderers claiming exemption from paying the EMD should produce necessary evidence / documents in support of their request.
 - c) EMD in respect of unsuccessful tenderer will be refunded after the supply of material by L1 bidder. EMD in respect of successful tender will be refunded after the expiry of the warranty period;

- d) No interest is payable on EMD
- iv. Tender should be furnished for the exact specifications as given in this letter. Tenders not in accordance with the specification will be rejected. In the case of equipments, the relevant brochure / pamphlet of the equipment containing the features and specifications should necessarily be attached with the Tender / Quotation.
 - v. The supply should be effected within 30 days from the date of purchase order.
 - vi. Warranty period should be indicated.
 - vii. After warranty condition for AMC should be indicated.
8. If the successful tender fails to supply the item within the stipulated time, the EMD will be forfeited apart from initiating further action for consequential loss if any to the Tamil Nadu Agricultural University.
 9. Tender shall be furnished in the prescribed format enclosed in the tender document duly signed by the tenderer accepting the condition and the tender format shall be sent. Tender not furnished in the prescribed format itself will be rejected.
 10. Tenderer may be present or send their representative on the date of opening. The undersigned have the right to accept (or) reject any tender without assigning any reason thereof.

Dean



TAMIL NADU AGRICULTURAL UNIVERSITY
Anbil Dharmalingam Agricultural College and Research Institute
Navalur Kuttapattu, Tiruchirappalli -620 027
Tamil Nadu State

Phone: 0431-2690161
 E mail: deanagrity@tnau.ac.in

TENDER SCHEDULE

Tender schedule for the supply of **Solar powered water pumping and delivery system: 3 HP** to the Anbil Dharmalingam Agricultural College and Research Institute Navalur Kuttapattu, Tiruchirappalli -620 027, Tamil Nadu State.

| S. No | Particulars and Specifications | Quantity required | Unit Price FC/INR | Total Cost FC/INR |
|-----------|--|-------------------|----------------------|----------------------|
| 1. | Items particulars and Specifications | | | |
| | Solar powered water pumping and delivery system: 3 HP | One set | | |

Specifications as detailed below;

| S.No | Items/components | Unit | Quantity |
|------|---|-------------------------|----------|
| 1). | Solar panel (PV) modules (of each with a Capacity minimum 325 Wp or more for supplying power to 3 HP motor along with cable, switches , structures for mounting solar panels and accessories). The total number of solar panels should supply a minimum of 3000 Wp for running both 3 HP submersible pump and 3 HP centrifugal pump alternately | Number (system Unit) | 1 |
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| 5). | Delivery pipe (2 inch capacity) for connecting 3HP (AC) submersible pump) and drawing water from 250 feet depth from bore well (250 feet) + centrifugal pump | Feet | 350 |
| 6). | Power cables (solar panel/pump controller unit to submersible pump (300 feet) + to centrifugal pump (20 feet) | Feet | 500 |
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| 8). | Switches and Accessories for connecting AC electricity supply to pump controller unit | Number (system Unit) | 1 |
| 9). | Provision of output switches for taking/drawing AC power from solar source to Farm/domestic use while pump is not in use | Number (System Unit) | 1 |
| 10) | Water meter 2 inch for measuring irrigation water delivery from pumps to different field units | Number | 12 |
| 11 | Transport and Installation charges | whole system | 1 |

| | | |
|-----|---|--|
| 2. | Origin (Indian/Imported) | |
| 3. | Make & Model (Brand name to be specified) | |
| 4. | VAT a) VAT if any b) VAT Number | |
| 5. | CST a) CST if any b) CST Number | |
| | GST a) (CGST/SGST) if any, b) GST Number: | |
| 6. | Customs & Central Exercise duty (imported items) | |
| 7. | Customs Clearance Charges | |
| 8. | Insurance | |
| 9. | Transport and Delivery | |
| 10. | Installation | |

| | | |
|-----|---|--|
| 11. | Training | |
| 12. | Discount if any. | |
| 13. | Total cost of the instruments after discount if any (both in figures and in words) | |
| 14. | Validity of the quotation/ tender | |
| 15. | Comprehensive warranty | |
| 16. | AMC | |
| 17. | Delivery Period | |
| 18. | Mode of Payment (INR or LC) | |
| | Place: Date: | Signature of the Tenderer with seal |
