



Government of Democratic Socialist Republic of Sri Lanka

District Secretariat - Hambantota

BID No – DSH/ACC/13/1/17

Other Field crops Cultivation program under
solar Powered Irrigation System
-Ministry of Agriculture-

Request for Bids

For

**Procurement of 52 Nos Solar water pump Systems for
OFC Cultivation Program under
Solar Powered Irrigation Systems
in Hambantota District**

2026

DSH Draft

Section I. Instructions to Vendors (ITV)

A: General	
1 Scope of Bid	1.1. The Purchaser named in the Data Sheet invites you to submit a Bid for the supply of Goods as specified in Section III Schedule of Requirements. Upon receipt of this invitation, you are requested to acknowledge the receipt of this invitation and your intention to submit a Bid. The Purchaser may not consider you for inviting Bids in the future, if you failed to acknowledge the receipt of this invitation or not submitting a Bid after expressing the intention as above.
B: Contents of Documents	
2. Contents of Documents	2.1 The documents consist of the Sections indicated below. • Section I. Instructions to Vendors (ITV) • Section II. Data Sheet • Section III. Schedule of Requirements • Section IV. Technical Specifications & Compliance with Specifications • Section V. Bid submission Form(s) & Price Schedules. • Section VI Conditions of Contract • Section VII Contract Data • Section VIII Contract Forms
C: Preparation of Bid	
3. Documents Comprising your Bid	3.1 The Bid shall comprise the following: (a) Bid Submission Form (Section V) (b) Price Schedules (Section V) (c) Technical Specifications & Compliance (Section IV) (d) Schedule of Requirements (Section III) (e) Conditions of Contract (Section VI) (f) Contract Data (Section VII) (g) Contract Forms (Section VIII)
4. Bid Submission Form and Price Schedules	4.1 The vendor shall submit the Bid Submission Form using the form furnished in Section V. This form must be completed without any alterations to its format, and no substitutes shall be accepted. All blank spaces shall be filled in with the information requested
	4.2 Alternative offers shall not be considered. The vendors are advised not to quote different options for the same item but furnish the most competitive among the options available to the bidder.
5. Prices and Discounts	5.1 Unless specifically stated in Data Sheet, all items must be priced Separately in the Price Schedules.

	5.2 The price to be quoted in the Bid Submission Form shall be the total price of the Bid, including any discounts offered.
	5.3 The applicable VAT shall be indicated separately.
	5.4 Prices quoted by the vendor shall be fixed during the vendor's performance of the Contract and not subject to variation on any account. A Bid submitted with an adjustable price shall be treated as non-responsive and may be rejected
6. Currency	6.1 The vendors shall quote only in Sri Lanka Rupees.
7. Documents to Establish the Conformity of the Goods	7.1 The vendor shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section IV, "Technical Specifications & Compliance with Specifications".
	7.2 The documentary evidence may be in the form of literature ,drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods, demonstrating substantial responsiveness of the Goods to the technical specifications, and if applicable, a statement of deviations and exceptions to the provisions of the Technical Specifications given.
	7.3 If stated in the Data Sheet the vendor shall submit a certificate from the manufacturer to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in Sri Lanka.
8. Period of Validity of Bid	8.1 Bids shall remain valid for the period of Seventy Seven (77) days after the Bid submission deadline date
9. Format and Signing of Bid	9.1 The Bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the vendor.
D: Submission and Opening of Bid	
10. Submission of Bid	10.1 Vendors may submit their Bids by mail or by hand in sealed envelopes addressed to the Purchaser bear the specific identification of the contract Name.
	10.2 If the Bid is not sealed and marked as required, the Purchase will assume no responsibility for the misplacement or premature opening of the Bid.
11. Deadline for Submission of Bid	11.1 Bid must be received by the Purchaser at the address set out in Section II, "Data Sheet", and no later than the date and time as specified in the Data Sheet.

12 Late Bid	12.1 The Purchaser shall reject any Bid that arrives after the deadline for submission of Bids, in accordance with ITV Clause 11.1 above.
13. Opening of Bids	13.1 The Purchaser shall conduct the opening of Bid in public at the address, date, and time specified in the Data Sheet.
	13.2 A representative of the bidders may be present and mark its attendance.
E: Evaluation and Comparison of Bid	
14. Clarifications	14.1 To assist in the examination, evaluation, and comparison of the Bids, the Purchaser may, at its discretion, ask any vendor for a clarification of its Bid. Any clarification submitted by a vendor in respect to its Bid which is not in response to a request by the Purchaser shall not be considered
	14.2 The Purchaser's request for clarification and the response shall be in writing.
15. Responsiveness of Bids	15.1 The Purchaser will determine the responsiveness of the Bid to the documents based on the contents of the Bid received.
	15.2 If a Bid is evaluated as not substantially responsive to the documents issued, it may be rejected by the Purchaser
16. Evaluation of Bid	16.1 The Purchaser shall evaluate each Bid that has been determined, to be substantially responsive.
	16.2 To evaluate a Bid, the Purchaser may consider the following: (a) the Price as quoted; (b) price adjustment for correction of arithmetical errors; (a) price adjustment due to discounts offered
	16.3 The Purchaser's evaluation of a Bid may require the consideration of other factors, in addition to the Price quoted if stated in Section II, Data Sheet. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods. .
17. Purchaser's Right to Accept any Bid, and to Reject any or all Bids	17.1 The Purchaser reserves the right to accept or reject any Bid, and to annul the process and reject all Bids at any time prior to acceptance, without thereby incurring any liability to bidders.
F: Award of Contract	
18. Acceptance of the Bid	18.1 The Purchaser will accept the Bid of the vendor whose offer has been determined to be the lowest evaluated and is substantially responsive to the documents issued
19. Notification of acceptance	19.1 Prior to the expiration of the period of validity of Bid, the Purchaser will notify the successful vendor, in writing, that its Bid has been accepted.

DSH Draft

BID DATA SHEET

DSHE Draft

Section II. Data Sheet (DS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instructions to Vendors (ITV). Whenever there is a conflict, the provisions herein shall prevail over those in ITV.

ITV Clause Reference	A. General
ITV 1.1	The Purchaser is: District Secretary, District Secretariat, Magampura Ruhunu Administration Complex, Hambantota.
	The name and identification number of the Contract are: Procurement of 52 Nos Solar water pump Systems for OFC Cultivation Program under Solar Powered Irrigation Systems in Hambantota District
	The source of funding is: <u>Ministry of Agriculture</u> Bid No – DSH/ACC/13/1/17
	B. Contents of Bidding Documents
ITV 2	For <u>Clarification of bid purposes</u> only, the Purchaser's address is: Attention: Accountant Address: District Secretariat, Magampura Ruhunu Administration Complex, Hambantota. Telephone : <u>047-2256139</u> C. Preparation of Bid
ITV 3.1(a)	All bids shall be accompanied by a “ Bid Securing ” of Rs.: 200,000.00 (reputed bank guarantee only) or Rs200,000.00 Cash deposit in District Secretariat-Hambantota (Section V - 2.0 Format for Bid Security Guarantee)
	<i>The validity period of the Bid security Declaration shall be until:</i> 19th January 2027
ITV 3.1(b)	The Bidder shall submit the following additional documents: 1. Original Brochures and Catalogues including detail specification of items on which the bid is based complete with Photographs, pamphlets illustrating the principal features.

	2. Technical detail to show conformity of the items offered to specification given. 3. A drawing showing overall dimensions and general arrangement of the system. 4. List of other components and accessories supplied with the system. 5. Original Manufacture's Authorization letters 6. Evidence to prove the capacity of the Bidder a. Business registration or organization incorporation detail b. Past experience records in similar nature supplies
ITV 3.1(c)	Period of time the Goods are expected to be functioning (for the purpose of components): <u>N/A</u>
ITV 3.1(d)	After sales service is: <u>Supplier shall replace the items by his own cost if identified as non-compliance to the specifications at the destination.</u>
ITV 5.1	If the bidder is allowed to quote for less than all the items specified, indicate the detail: Lot No. 01 – Supply of 52 No. Solar Water Pumps
ITV 7.3	Manufactures Authorization: Required
ITV 8.1	The Bid shall be valid until <u>10th December 2026</u>
	D. Submission and Opening of Bid
ITV 10.1	The inner and outer envelopes shall bear the following identification marks : Procurement of 52 Nos Solar water pump Systems for OFC Cultivation Program under Solar Powered Irrigation Systems in Hambantota District
ITV 11.1	For Bid submission purposes, the Purchaser's address is: Attention : District Secretary, Address : District Secretariat, Magampura Ruhunu Administration Complex, Hambantota. The deadline for the submission of bids is: Date: <u>25th August 2026</u> Time: <u>14.00 Hrs.(2.00 p.m.)</u>
ITV 13.1	The bid opening shall take place at:

	Address: District Secretariat, Magampura Ruhunu Administration Complex, Hambantota. Date: 25th August 2026 Time: 14.15 Hrs. (2.15 p.m.)
	E. Evaluation and Comparison of Bids
ITV 16.1	Domestic preference “ shall not ” be a bid evaluation factor.
ITV 16.3	The following factors and methodology will be used for evaluation: (01). Economic viability of the Bid price. (02). Compliance with the Specification. (03). Compliance with the other terms and conditions set-forth in Bidding document. (04). Availability of after sales services (05). Bidders experience in supplying similar nature items in past 03 Years
	F. Award of Contract
ITV 18.2	Post qualification Requirements After determining the lowest-evaluated Bid in accordance with ITV 16 the Purchaser shall carry out the post qualification of the Bidder, using only the requirements specified. Requirements not included in the text below shall not be used in the evaluation of the Bidder’s qualifications. (a) Experience and Technical Capacity The Bidder shall furnish documentary evidence to demonstrate a). Experience records
ITV 19.2	The Purchaser shall issue the Letter of Acceptance followed by Purchase Orders or Contract as per attached Format.

Section III

Schedule of Requirements

DSH Draft

Section III : Schedule of Requirement

Lot No.	Description of Goods	Quantity	unit	Final (Project Site) Destination as specified	Delivery Date from Letter of Acceptance		
					Earliest Delivery Date	Latest Delivery Date	Bidder's offered Delivery date [to be provided by the bidder]
1	Supply and Installation of Solar Water Pumps	52	No	Supply and Installation Solar systems at beneficiary sites in 12 divisional secretariat Areas in Hambantota district.	20/09/2026	15/12/2026	

Name of Bidder:

Date :

Signature :

Common seal of Bidder

DSH Draft

Section IV

Specification & Compliance

Specifications are Attached as

Annexure - 01

DSH Draft

Section V

Bid Submission Forms & Price Schedules

- 1.0 Bid Submission Form**
- 2.0 Format for Bid Security Guarantee:**
- 3.0 Price Schedule**
- 4.0 Manufacturer's Authorization**
- 5.0 Details of Local Agent**
- 6.0 List of Related Services & Completion Shedule**

DSH Draft

1.0 Bid Submission Form

Date: 2026 /.....

To:

**District Secretary,
District Secretariat,
Magampura Ruhunu Administration Complex,
Hambantota.**

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bid Document.
- (b) We offer to supply in conformity with the Bid Documents 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 Bid without VAT, including any discounts offered is: [*insert the total Quoted price in words and figures*];
.....
- (d) The total price of our Bid including VAT, and any discounts offered is: [*insert the total bid price in words and figures*];
.....
- (e) Our Bid shall be valid for the period of time specified in ITV Sub-Clause 8.1, from the date fixed for the Bid submission deadline in accordance with ITV Sub-Clause 11.1, and it shall remain binding upon us and may be accepted at any time before the expiration of that period

If our Bid is accepted, we commit to obtain a performance security in accordance with ITV Sub Clause 19.2 and due performance of the Contract;
- (f) Our firm, its affiliates or subsidiaries—including any subcontractors or suppliers for any part of the contract—has not been declared blacklisted by the National Procurement Agency;
- (g) We understand that this Bid, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding Contract between us.
- (h) We understand that you are not bound to accept the lowest evaluated Bid or any other Bid that you may receive.

Signed:

In the capacity of :

Name:

Dated on _____ of _____, 2026 [*insert date of signing*]

2.0 Format for Bid Security Guarantee

[This bank Guarantee form shall be filled in accordance with the instructions indicated in brackets]

----- [Insert issuing agency's name and address of issuing branch or office]

Beneficiary: ----- [Insert (by PE) name and address of Employer/ Purchaser]

Date: ----- [Insert (by issuing agency) date]

BID GUARANTEE No.: ----- [Insert (issuing agency) number]

We have been informed that ----- [Insert (issuing agency) name of the bidder; if a Joint Venture, list complete legal names of partners] (hereinafter called "the bidder") has submitted to you its bid dated ----- [Insert (issuing agency) date] (hereinafter called "the bid") for the execution/supply [select appropriately] of [Insert name of contract] under invitation for bids No. ----- [Insert IFB number] ("the IFB").

Furthermore, we understand that, according to tour conditions, Bids must be supported by a Bid Guarantee.

At the request of the Bidder, we ----- [Insert name of issuing agency] hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of ----- [Insert amount in figures] ----- [Insert amount in words] upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder.

- (a) has withdrawn its Bid during the period of bid validity specified; or
- (b) does not accept the correction of errors in accordance with the instructions to Bidders (herein after "the ITB") of the IFB; or
- (c) having been notified of the acceptance of its Bid by the Employer/Purchaser during the period of bid validity, (i) fails or refuses to execute the contract form, if required, or (ii) fails or refuses to furnish the Performance Security, in accordance with the ITB.

This Guarantee shall expire: (a) if the Bidder is the successful bidder, upon our receipt of copies of the Contract signed by the Bidder and of the Performance Security issued to you by the Bidder; or (b) if the Bidder is not the successful bidder, upon the earlier of (i) our receipt of a copy of your notification to the Bidder that the Bidder was unsuccessful, otherwise it will remain in force up to ----- (Insert date)

Consequently, any demand for payment under this Guarantee must be received by us at the office on or before that date -----.

[signature(s) authorized representative(s)]

DSH Draft

3.0 PRICE SCHEDULE

1	2	3	4	5	6	7	8	9	10
			Goods and related Services offered within Sri Lanka (in Sri Lankan Rupees)						
Line Item No. (Lot)	Description of Goods	Qty and unit	Unit price (inclusive of duties, sales and other taxes) Excluding VAT	Price per line item (Col. 3x4)	Inland transportation, insurance and other related services to deliver the goods to their final destination if not included under column 4	Total Price Excluding VAT (Col 5+6)	Discounted Total price (if any) excluding VAT	VAT	Total Price Including VAT (Col. 7+9 or 8+9)
1	Supply and Installation of Solar Water Pumps (01 HP)	10 No							
2	Supply and Installation of Solar Water Pumps (02 HP)	20 No							
3	Supply and Installation of Solar Water Pumps (03 HP)	22 No							
Total									

Total Bid value Excluding VAT: In word Rs.....

VAT Reg. No.: Total Amount Claimed for VAT in Words Rs.

Total Bid value including VAT in words Rupees

We do here by agree to Supply, Install and Commissioning of the above items at the rate quoted in the price schedule and according to standard general conditions and specifications in this particular RFQ Document, which I have read and understood and agreed. I further agreed to keep the Bid open till **10th December 2026** .

Date this day of 2026 .

Signature of the Bidder in the capacity of (Affix common seal of the Bidder)

Name and Address of the Bidder :

DSH Draft

4.0 Manufacturer's Authorization

Date: 2026 /

To:

**District Secretary,
District Secretariat,
Magampura Ruhunu Administration Complex,
Hambantota.**

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with the Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

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

5.0 DETAILS OF LOCAL AGENT, MANUFACTURE

Name of Local Agent (in two or more agent, separate documentation is required for each)	
Item No (list of item by each agent)	
Address of Local Agent (Tele, Fax, Cable)	
Information of Local Agent	
Manufacture	
Make , Model & Year of Manufacture	

Date

Name and Authorized Signature

6.0 List of Related Services and Completion Schedule

Service	Description of Service	Qty/ frequency	Place where Services shall be performed	Final Completion Date(s) of Services
1	According to specifications			

We certify that the above particulars are corrected and we agreed to execute the same if we are awarded the contract.

Bidder's Name :.....

Signature :.....

Affix common seal of the Bidder

DSHE Draft

Section VI. Conditions of Contract

DSH Draft

Section VI. Conditions of Contract

1.	Definitions	1.1 the following words and expressions shall have the meanings hereby assigned to them: a) “Contract” means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein. b) “Contract Documents” means the documents listed in the Contract Agreement, including any amendments thereto. c) “Contract Price” means the price pay able to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract. d) “Day” means calendar day. e) “Completion” means the fulfillment of the supply of Goods to the destination specified and completion of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract. f) “CC” means the Conditions of Contract. g) “Goods” means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract. h) “Purchaser” means the entity purchasing the Goods and Related Services, as specified in the Contract Data. i) “Related Services” means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract. j) “Subcontractor” means any natural person, private or government entity, or a combination of the above, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier. k) “Supplier” means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement. l) “The Project Site,” where applicable, means the place named in the Contract Data.
----	-------------	---

2.	Contract Documents	2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.
3.	Fraud and Corruption	3.1 The Government of Sri Lanka requires the Purchaser as well as bidders, suppliers, contractors, and consultants to observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy - i). “corrupt practice” means offering, giving, receiving, or soliciting, directly or indirectly , of anything of value to influence the action of a public official in the procurement process or in contract execution; - ii). “fraudulent practice” means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract; - iii). “collusive practice” means a scheme or arrangement between two or more bidders, with or without the knowledge of the Purchaser to establish bid prices at artificial, noncompetitive levels; and - iv). “Coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract.
4.	Interpretation	4.1 If the context so requires it, singular means plural and vice versa. 4.2 Entire Agreement The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract. 4.3 Amendment No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto. 4.4 Severability If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5.	Language	5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in English language. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified, in which case, for purposes of interpretation of the Contract, this translation shall govern. 5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.
6.	Joint Venture, Consortium or Association	6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.
7.	Eligibility	7.1 All goods supplied under this contract shall be complied with applicable standards stipulated by the Sri Lanka Standards Institute. In the absence of such standards, the Goods supplied shall be complied to other internationally accepted standards, such as British Standard
8.	Notices	8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the Contract Data. The term “in writing” means communicated in written form with proof of receipt. 8.2 A notice shall be effective when delivered or on the notice’s effective date, whichever is later.
9.	Governing Law	9.1 The Contract shall be governed by and interpreted in accordance with the laws of the Democratic Socialist Republic of Sri Lanka.
10.	Settlement of Disputes	10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract. 10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the Arbitration Act No: 11 of 1995. 10.3 Notwithstanding any reference to arbitration herein,

		a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and b) the Purchaser shall pay the Supplier any monies due the Supplier.
11.	Scope of Supply	11.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.
12.	Delivery and Documents	12.1 Subject to CC Sub-Clause 32.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. Where applicable the details of shipping and other documents to be furnished by the Supplier are specified in the Contract Data.
13.	Supplier's Responsibilities	13.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with CC Clause 11, and the Delivery and Completion Schedule, as per CC Clause 12.
14.	Contract Price	14.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid.
15.	Terms of Payment	15.1 The Contract Price shall be paid as specified in the Contract Data. 15.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to CC Clause 12 and up on fulfillment of all other obligations stipulated in the Contract. 15.3 Payments shall be made promptly by the Purchaser, but in no case later than twenty eight (28) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.
16.	Taxes and Duties	16.1 The Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.
17.	Performance Security	17.1 If required as specified in the Contract Data, the Supplier shall, within fourteen (14) days of the notification of contract award, provide a performance security of Ten percent (10%) of the Contract Price for the performance of the Contract. 17.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract. 17.3 As specified in the Contract Data, the Performance Security, if required, shall be in Sri Lanka Rupees and shall be in the format stipulated by the Purchaser in the Contract Data, or in another format acceptable to the Purchaser. 17.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations.
18.	Copyright	18.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the

		Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copy right in such materials shall remain vested in such third party.
19.	Confidential Information	19.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under CC Clause 19. 19.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract. 19.3 The above provisions of CC Clause 19 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof. 19.4 The provisions of CC Clause 19 shall survive completion or termination, for whatever reason, of the Contract.
20.	Subcontracting	20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract. 20.2 Subcontracts shall comply with the provisions of CC Clauses 3 and 7.
21.	Specifications and Standards	21.1 Technical Specifications and Drawings a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section- V, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.
		a) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser. b) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract

		execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with CC Clause 32.
22.	Packing and Documents	22.1 The Supplier shall pack the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract.
23.	Insurance	23.1 Unless otherwise specified in the Contract Data, the Goods supplied under the Contract shall be fully insured against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery.
24.	Transportation	24.1 Unless otherwise specified in the Contract Data, responsibility for arranging transportation of the Goods shall be a responsibility of the supplier.
25.	Inspection and Tests	25.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the Contract Data. 25.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place as specified in the Contract Data. Subject to CC Sub-Clause 25.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser. 25.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in CC Sub-Clause 25.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses. 25.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection. 25.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected. 25.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.

		25.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, up on giving a notice pursuant to CC Sub-Clause 25.4. 25.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to CC Sub-Clause 25.6, shall release the Supplier from any warranties or other obligations under the Contract.
26.	Liquidated Damages	26.1 Except as provided under CC Clause 31, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the Contract Data of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those Contract Data. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to CC Clause 34.
27.	Warranty	27.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract. 27.2 Subject to CC Sub-Clause 21.1(b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination. 27.3 Unless otherwise specified in the Contract Data, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the Contract Data. 27.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects. 27.5 Up on receipt of such notice, the Supplier shall, within the period specified in the Contract Data, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser. 27.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the Contract Data, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

28.	Patent Indemnity	28.1 The Supplier shall, subject to the Purchaser's compliance with CC Sub-Clause 28.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright or other intellectual property right registered or otherwise existing at the date of the Contract by reason of: a) the installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and b) the sale in any country of the products produced by the Goods. Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract. 28.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in CC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim. 28.3 If the Supplier fails to notify the Purchaser within twenty - eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf. 28.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing. 28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.
-----	------------------	---

29.	Limitation of Liability	29.1 Except in cases of criminal negligence or willful misconduct, a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement
30.	Change in Laws and Regulations	30.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or by law having the force of law is enacted, promulgated, abrogated, or changed in Sri Lanka that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with CC Clause 14.
31.	Force Majeure	31.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure. 31.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes. 31.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
32.	Change Orders and Contract Amendments	32.1 The Purchaser may at any time order the Supplier through notice in accordance CC Clause 8, to make changes within the general scope of the Contract in any one or more of the following: a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

		b) the method of shipment or packing; c) the place of delivery ; and d) the Related Services to be provided by the Supplier. 32.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery /Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty -eight (28) days from the date of the Supplier's receipt of the Purchaser's change order. 32.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed up on in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services. 32.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.
33.	Extensions of Time	33.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to CC Clause 12, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract. 33.2 Except in case of Force Majeure, as provided under Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to CC Clause 26, unless an extension of time is agree upon, pursuant to CC Sub-Clause 33.1.

34.	Termination	34.1 Termination for Default a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part: (i). if the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to CC Clause 33; (ii). if the Supplier fails to perform any other obligation under the Contract; or (iii). if the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in CC Clause 3, in competing for or in executing the Contract. b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to CC Clause 34.1(a), the Purchaser may procure, up on such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated. 34.2 Termination for Insolvency. a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser 34.3 Termination for Convenience. a) The Purchaser, by notice sent to the Supplier, may terminate the Contract in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Contract is terminated and the date upon which such termination becomes effective. b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect: (i). to have any portion completed and delivered at the Contract terms and prices; and/or to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.
35.	Assignment	35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

DSH Draft

Section – VII - Contract Data

Section – VII - Contract Data

The following Contract Data shall supplement and / or amend the Conditions of Contract (CC). Whenever there is a conflict, the provisions herein shall prevail over those in the CC.

CC 1.1(h)	The Purchaser is: District Secretary, District Secretariat, Magampura Ruhunu Administration Complex, Hambantota.
CC 1.1 (l)	The Project Site(s)/Final Destination(s) is/are :
CC 8.1	For <u>notices</u> , the Purchaser's address shall be: Attention: District Secretary, Address: District Secretariat, Magampura Ruhunu Administration Complex, Hambantota. Telephone : 047-2256139 Electronic mail address: moha.dist.hambantota@gmail.com / dshtotaacc@gmail.com
CC 12.1	Details of Shipping and other Documents to be furnished by the Supplier are. <i>Not Applicable</i>
CC 15.1	Employer shall make the payments for the goods within 28 days after accomplish the following mandatory requirements. 1. Supplier shall complete the total requirement to the given destination/s 2. The confirmation of the acceptance for quality and quantity of the goods to District secretary 3. Furnish the final acceptance certificate 4. Furnish the invoice by the supplier
CC 17.1	A Performance Security Shall be Required beyond 365 Days from the Purchase Order Date 10 % of the Contract Price.
CC 25.1	The inspections and tests shall be: As per Content under Item (3) in Section VIII. Inspection and Tests
CC 25.2	The Inspections and tests shall be conducted at: : Places mentioned in CC 1.1(l)

CC 26.1	The liquidated damage shall be: 0.1 % per week of the Contract Price
CC 26.1	The maximum amount of liquidated damages shall be: 05% of the Contract Price.

DSH Draft

Section VIII. Contract Forms

Table of Forms

1. Contract Agreement
1. Performance Security
3. Inspection and Testing

DSH Draft

1. Contract Agreement

THIS CONTRACT AGREEMENT is made

the [insert : **Number**] day of [insert : **month**], [insert: **Year**]

BETWEEN

(1) [insert complete name of Purchase], a [insert description of type of legal entity, for example, an agency of the or corporation and having its principal place of business at [insert address of purchaser] (hereinafter called “the Purchaser”) and

(2) [insert name of Supplier] , a corporation incorporated under the laws of [insert : country of Supplier] and having its principal place of business at [insert : address of supplier] hereinafter called “the Supplier”).

WHEREAS the Purchaser invited bids for certain Goods and ancillary service, viz., [insert brief description of Goods and Service] and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of [insert Contract Price in words and figures, expressed in the Contract currency (ies) (hereinafter called “the Contract Price”)

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall constitute the Contract between the Purchase and the Supplier, and each shall be read and constructed as an integral part of the Contract:

- (a) This Contract Agreement ;
- (b) Contract Data;
- (c) Conditions of Contract;
- (d) Technical Requirements (including Schedule of Requirements and Technical Specifications);
- (e) The Supplier’s Bid and original Price Schedules;
- (f) The Purchaser’s Notification of Award.
- (g) [Add here any other document (s)].

3. This contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents., then the documents shall prevail in the order listed above.

4. In consideration of the payments to be made by the Purchaser to the Suppliers as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects there in conformity in all respects with the provisions of the Contract.

5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *Democratic Socialist Republic of Sri Lanka* on the day, month and year indicated above.

For and on behalf of the Supplier.

Signed :*[insert signature of authorized representative (s) of the Supplier]*

In the capacity of *[insert title or other appropriate designation]*

In the presence if *[insert identification of official witness]*

Performance Security

[The issuing agency, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

----- *[Issuing Agency's Name, and Address of Issuing Branch or Office]* -----

Beneficiary: -

**District Secretary,
District Secretariat,
Magampura Ruhunu Administration Complex,
Hambantota.**

Date: -----

PERFORMANCE GUARANTEE No.: -----

We have been informed that ----- *[name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. ----- *[reference number of the contract]* dated ----- with you, for the ----- Supply of ----- *[name of contract and brief description]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Supplier, we ----- *[name of Agency]* hereby irrevocably undertake to pay you any sum or sums not exceed in g in total an amount of -----
---- *[amount in figures]* (-----) *[amount in words]*, such sum being payable in the types and proportions of currencies in which the Contract Price is payable, up on receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation(s) under the Contract, without your needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire, no later than the day of, 20..... *[Insert date, 28 days beyond the scheduled completion date including the warranty period]* and any demand for payment under it must be received by us at this office on or before that date.

[Signature]

3. Inspections and Tests

3.1 Inspection and Testing:

Inspection and testing at : Places mentioned in CC 1.1(l) upon Completion of Delivery

All items shall be subjected to inspections and testing by the **District Secretary, District Secretariat, Magampura Ruhunu Administration Complex, Hambantota.** to ensure that the equipment's conform to the contract. Inspection will be done after completion of installation for the item if such installation is as a part of supply.

All items found to be defective by the **District Secretary, District Secretariat, Magampura Ruhunu Administration Complex, Hambantota.** shall be removed and replaced in accordance with the Contract at the supplier's expenses and in a manner satisfactory to the **District Secretary, District Secretariat, Magampura Ruhunu Administration Complex, Hambantota.**

1.2 Certificate

Conformity Certificate.

As soon as all the items have been delivered to the Places mentioned in CC 1.1(m) and completed its inspection and/or tests required under the terms of the contract satisfactorily by the District Secretary and he may issue the Conformity Certificate where he shall certify the date on which the said equipment's have been accepted by the **Purchaser as ready for the Service** and confirmed by the purchaser. Maintenance Guarantee referred to clause in technical specification (Section IV) shall commence from the date of issuing of this Conformity Certificate.

1.3 Final Acceptance Certificate

Application for the final Acceptance Certificate may be made to the **District Secretary, District Secretariat, Magampura Ruhunu Administration Complex, Hambantota.** by the supplier at any time after the supplier has ceased to be under any other obligation stipulated in Technical Specification (Section - IV) and only upon issuance of such Final Acceptance Certificate by **District Secretary, District Secretariat, Magampura Ruhunu Administration Complex, Hambantota.** obligations of the supplier shall be ceased. The Contract shall not be considered as completed until a Final Certificate shall have been signed by the **District Secretary, District Secretariat, Magampura Ruhunu Administration Complex, Hambantota.** and delivered to the purchaser stating that the supplies contracted for have been completed and maintained to his satisfaction
(Important: The supplier shall furnish the final acceptance certificate with the invoice to make the payments by the employer according to clause 15.1 of conditions of contracts)

DSH Draft

ANNEXURE 1

SPECIFICATIONS

DSHE Draft

01. Lot 01. Solar Pump System - 01Hp

No.	Parameter	Required Specification	Bidder's Response
01.Scope of work			
1.1	General Scope	Design, supply, delivery, installation, testing, commissioning, and training of a complete solar-powered water pumping system for approx. 50m tube well.	
1.2	System Discharge	System shall deliver not less than 1.5 m ³ /h at 60 m Total Dynamic Head (TDH).	
1.3	Daily Water Output	Minimum daily water output shall be 10 m ³ /day under average solar irradiation conditions of the installation site.	
02. Environmental Conditions			
2.1	Ambient Temperature	25°C to 50°C	
2.2	Relative Humidity	Up to 95% (Humid tropical climate conditions)	
2.3	Wind Resistance	Structure and array must withstand a minimum wind speed of 100 km/h.	
03. Solar Pv Modules			
3.1	Make	Please Specify	
3.2	Model	Please Specify	
3.3	Country of Origin	Please Specify	
3.4	Dimension of panel	Please Specify	
3.5	Num of Panel	Min 2	
3.6	Cell Type	Monocrystalline silicon modules	
3.7	Module Efficiency	Minimum module efficiency: 20%	
3.8	Module Rating	Minimum module peak power rating: 550 Wp	
3.9	Array Capacity	Total solar PV array capacity: Min 1.1 kWp	
3.10	Compliance Standards	Must be fully compliant with: IEC 61215, IEC 61730, IEC 61701, IEC 62716, and IEC 62804.	
3.11	Maximum power voltage	Please Specify	
3.12	Maximum power current	Please Specify	
3.13	Maximum system voltage	Please Specify	
3.14	Front glass	3.2 mm tempered high transmission glass, Low iron with anti-reflective coating.	

3.15	Product Warranty	Minimum 12 years manufacturer product warranty.	
3.16	Performance Warranty	Linear performance warranty guaranteeing a minimum of 85% rated output at Year 25.	
04. Solar Pump & Motor			
4.1	Make	Please Specify	
4.2	Model	Please Specify	
4.3	Country of Origin	Please Specify	
4.5	Motor Type	High-efficiency submersible brushless DC (BLDC) motor.	
4.6	Power Source	Solar DC	
4.7	Duty Point Flow Rate	≥ 1.5 m ³ /h at 50 m TDH.	
4.8	Motor Power	Approx 1 Hp	
4.9	Valve	Non-Return Valve	
4.10	Efficiency	Overall pump and motor efficiency: $\geq 60\%$ at the design duty point.	
4.11	Ingress Protection	IP65 protection rating for both pump and motor.	
4.12	Insulation & Duty	Class F insulation, S1 continuous duty cycle.	
4.13	Material Composition	All wetted components must be manufactured from AISI 304 stainless steel or higher grade.	
4.14	Performance Curves	Submission of official manufacturer pump performance curves (Head vs. Flow rate) and efficiency curves is mandatory.	
05. Pump Controller / Inverter			
5.3	Optimization	Integrated Maximum Power Point Tracking (MPPT) controller.	
5.4	MPPT Efficiency	$\geq 98\%$ tracking efficiency.	
5.6	System Protections	Integrated dry-run, overload, over-voltage, under-voltage, and reverse polarity protections.	
5.7	Surge Protection	Integrated lightning and electrical surge protection features.	
5.8	Display	LCD/LED display showing PV voltage, current, AC input, pump power, operating status, and fault codes	
5.9	Monitoring	Built-in or optional remote monitoring capability for system status and performance tracking.	

06. Cables & Electrical Protection			
6.1	Cable Quality	UV-resistant solar cable complying with IEC 62930.	
6.2	Voltage Rating	Minimum 1000 VDC rating.	
6.3	Conductor Type	Flexible tinned copper conductors.	
6.4	Surge Devices	Heavy-duty Type II DC SPD and Type II AC SPD installed in a weatherproof enclosure.	
6.5	Earthing System	Dedicated grounding/earthing system with an overall earthing resistance less than 10 ohms (Ω).	
07. Mounting Structure & Pipe line			
7.1	Material	Hot-dip galvanized steel (with a minimum coating thickness of 80 μm) or marine-grade aluminum.	
7.2	Hardware	All fasteners, nuts, bolts, and washers must be strictly corrosion-resistant (stainless steel grade AISI 304 or better).	
7.4	Pump Hanging Rope	SS304 min 3mm	
7.6	Pipe	HDPE PN16 pump to Ground level Approx. 50m	
7.5	Engineering	Structural engineering design optimized for local soil and wind loading parameters.	
08. Warranty & After-Sales Service			
8.1	Complete System	Minimum 36 months comprehensive system warranty from the date of commissioning.	
8.2	Pump & Motor	Minimum 3 years full replacement/repair warranty.	
8.3	Mounting Structure	Minimum 10 years structural integrity and anti-corrosion warranty.	
8.4	Long-term Support	Supplier must guarantee the availability of original spare parts and technical support for a minimum of 10 years.	
09. Bidder Qualification Criteria			
9.1	Authorization	Must be an authorized dealer, distributor, or direct manufacturer of the offered system components.	
9.2	Core Experience	Minimum 3 years of verified experience in executing solar-powered water pumping systems.	
9.3	Track Record	Must submit a minimum of three (3) verifiable installation references of similar scale with client completion certificates.	

10. Compulsory Documents to Submit With Bid			
10.1	Datasheets	Manufacturer technical datasheets for PV modules, pump, motor, and controller.	
10.2	Curves	Factory certified pump performance and efficiency curves.	
10.3	Certifications	Valid copy of IEC certificates for the proposed PV modules.	
10.4	Letters	Valid Manufacturer Authorization Letter tailored to this specific tender.	
10.5	Schematics	Preliminary installation layout drawings and electrical Single Line Diagram (SLD).	
11. Acceptance Testing & Commissioning			
11.1	Flow Verification	On-site physical verification of real-time discharge (1.5 m ³ /h) at the required operating head (60 m).	
11.2	Electrical Checks	Measurement of PV array open-circuit voltage (Voc), short-circuit current (Isc), and operational operating points.	
11.3	Safety Testing	Performance verification of controller features (specifically dry-run cutout) and testing of earthing resistance ($\leq 10 \Omega$).	
11.4	Report	Submission of a signed, comprehensive System Commissioning Report before final acceptance hand-over.	

02. Lot 02. Solar Pump System - 02Hp

No.	Parameter	Required Specification	Bidder's Response
01.Scope of work			
1.1	General Scope	Design, supply, delivery, installation, testing, commissioning, and training of a complete solar-powered water pumping system for approx. 50m tube well.	
1.2	System Discharge	System shall deliver not less than 4 m ³ /h at 60 m Total Dynamic Head (TDH).	
1.3	Daily Water Output	Minimum daily water output shall be 25 m ³ /day under average solar irradiation conditions of the installation site.	
02. Environmental Conditions			
2.1	Ambient Temperature	25°C to 50°C	
2.2	Relative Humidity	Up to 95% (Humid tropical climate conditions)	
2.3	Wind Resistance	Structure and array must withstand a minimum wind speed of 100 km/h.	
03. Solar Pv Modules			
3.1	Make	Please Specify	
3.2	Model	Please Specify	
3.3	Country of Origin	Please Specify	
3.4	Dimension of panel	Please Specify	
3.5	Num of Panel	Min 4	
3.6	Cell Type	Monocrystalline silicon modules	
3.7	Module Efficiency	Minimum module efficiency: 20%	
3.8	Module Rating	Minimum module peak power rating: 600 Wp	
3.9	Array Capacity	Total solar PV array capacity: Min 2.2 kWp	
3.10	Compliance Standards	Must be fully compliant with: IEC 61215, IEC 61730, IEC 61701, IEC 62716, and IEC 62804.	
3.11	Maximum power voltage	Please Specify	
3.12	Maximum power current	Please Specify	
3.13	Maximum system voltage	Please Specify	
3.14	Front glass	3.2 mm tempered high transmission glass, Low iron with anti-reflective coating.	

3.15	Product Warranty	Minimum 12 years manufacturer product warranty.	
3.16	Performance Warranty	Linear performance warranty guaranteeing a minimum of 85% rated output at Year 25.	
04. Solar Pump & Motor			
4.1	Make	Please Specify	
4.2	Model	Please Specify	
4.3	Country of Origin	Please Specify	
4.5	Motor Type	High-efficiency submersible brushless DC (BLDC) motor.	
4.6	Power Source	Solar DC	
4.7	Duty Point Flow Rate	≥ 4 m ³ /h at 60 m TDH.	
4.8	Motor Power	Approx 2 Hp	
4.9	Valve	Non-Return Valve	
4.10	Efficiency	Overall pump and motor efficiency: $\geq 60\%$ at the design duty point.	
4.11	Ingress Protection	IP65 protection rating for both pump and motor.	
4.12	Insulation & Duty	Class F insulation, S1 continuous duty cycle.	
4.13	Material Composition	All wetted components must be manufactured from AISI 304 stainless steel or higher grade.	
4.14	Performance Curves	Submission of official manufacturer pump performance curves (Head vs. Flow rate) and efficiency curves is mandatory.	
05. Pump Controller / Inverter			
5.1	Optimization	Integrated Maximum Power Point Tracking (MPPT) controller.	
5.2	MPPT Efficiency	$\geq 98\%$ tracking efficiency.	
5.3	System Protections	Integrated dry-run, overload, over-voltage, under-voltage, and reverse polarity protections.	
5.4	Surge Protection	Integrated lightning and electrical surge protection features.	
5.5	Display	LCD/LED display showing PV voltage, current, AC input, pump power, operating status, and fault codes	
5.6	Monitoring	Built-in or optional remote monitoring capability for system status and performance tracking.	

06. Cables & Electrical Protection			
6.1	Cable Quality	UV-resistant solar cable complying with IEC 62930.	
6.2	Voltage Rating	Minimum 1000 VDC rating.	
6.3	Conductor Type	Flexible tinned copper conductors.	
6.4	Surge Devices	Heavy-duty Type II DC SPD and Type II AC SPD installed in a weatherproof enclosure.	
6.5	Earthing System	Dedicated grounding/earthing system with an overall earthing resistance less than 10 ohms (Ω).	
07. Mounting Structure & Pipe line			
7.1	Material	Hot-dip galvanized steel (with a minimum coating thickness of 80 μm) or marine-grade aluminum.	
7.2	Hardware	All fasteners, nuts, bolts, and washers must be strictly corrosion-resistant (stainless steel grade AISI 304 or better).	
7.4	Pump Hanging Rope	SS304 min 3mm	
7.6	Pipe	HDPE PN16 pump to Ground level Approx. 45m	
7.5	Engineering	Structural engineering design optimized for local soil and wind loading parameters.	
08. Warranty & After-Sales Service			
8.1	Complete System	Minimum 36 months comprehensive system warranty from the date of commissioning.	
8.2	Pump & Motor	Minimum 3 years full replacement/repair warranty.	
8.3	Mounting Structure	Minimum 10 years structural integrity and anti-corrosion warranty.	
8.4	Long-term Support	Supplier must guarantee the availability of original spare parts and technical support for a minimum of 10 years.	
09. Bidder Qualification Criteria			
9.1	Authorization	Must be an authorized dealer, distributor, or direct manufacturer of the offered system components.	
9.2	Core Experience	Minimum 3 years of verified experience in executing solar-powered water pumping systems.	
9.3	Track Record	Must submit a minimum of three (3) verifiable installation references of similar scale with client completion certificates.	

10. Compulsory Documents to Submit With Bid			
10.1	Datasheets	Manufacturer technical datasheets for PV modules, pump, motor, and controller.	
10.2	Curves	Factory certified pump performance and efficiency curves.	
10.3	Certifications	Valid copy of IEC certificates for the proposed PV modules.	
10.4	Letters	Valid Manufacturer Authorization Letter tailored to this specific tender.	
10.5	Schematics	Preliminary installation layout drawings and electrical Single Line Diagram (SLD).	
11. Acceptance Testing & Commissioning			
11.1	Flow Verification	On-site physical verification of real-time discharge (4 m ³ /h) at the required operating head (60 m).	
11.2	Electrical Checks	Measurement of PV array open-circuit voltage (Voc), short-circuit current (Isc), and operational operating points.	
11.3	Safety Testing	Performance verification of controller features (specifically dry-run cutout) and testing of earthing resistance ($\leq 10 \Omega$).	
11.4	Report	Submission of a signed, comprehensive System Commissioning Report before final acceptance hand-over.	

03. Lot 03. Solar Pump System - 03Hp

No.	Parameter	Required Specification	Bidder's Response
01.Scope of work			
1.1	General Scope	Design, supply, delivery, installation, testing, commissioning, and training of a complete turnkey hybrid solar-powered water pumping system for approx. 50m tube well. The system shall automatically operate on solar power with AC grid backup to ensure uninterrupted water pumping.	
1.2	System Discharge	System shall deliver not less than 6 m ³ /h at 60 m Total Dynamic Head (TDH).	
1.3	Daily Water Output	Minimum daily water output shall be 40 m ³ /day under average solar irradiation conditions of the installation site.	
02. Environmental Conditions			
2.1	Ambient Temperature	25°C to 50°C	
2.2	Relative Humidity	Up to 95% (Humid tropical climate conditions)	
2.3	Wind Resistance	Structure and array must withstand a minimum wind speed of 100 km/h.	
03. Solar Pv Modules			
3.1	Make	Please Specify	
3.2	Model	Please Specify	
3.3	Country of Origin	Please Specify	
3.4	Dimension of panel	Please Specify	
3.5	Num of Panel	Min 6	
3.6	Cell Type	Monocrystalline silicon modules	
3.7	Module Efficiency	Minimum module efficiency: 20%	
3.8	Module Rating	Minimum module peak power rating: 600 Wp	
3.9	Array Capacity	Total solar PV array capacity: Min 3.5 kWp	
3.10	Compliance Standards	Must be fully compliant with: IEC 61215, IEC 61730, IEC 61701, IEC 62716, and IEC 62804.	
3.11	Maximum power voltage	Please Specify	
3.12	Maximum power current	Please Specify	

3.13	Maximum system voltage	Please Specify	
3.14	Front glass	3.2 mm tempered high transmission glass, Low iron with anti-reflective coating.	
3.15	Product Warranty	Minimum 12 years manufacturer product warranty.	
3.16	Performance Warranty	Linear performance warranty guaranteeing a minimum of 85% rated output at Year 25.	
04. Solar Pump & Motor			
4.1	Make	Please Specify	
4.2	Model	Please Specify	
4.3	Country of Origin	Please Specify	
4.5	Motor Type	High-efficiency submersible brushless DC (BLDC) motor.	
4.6	Power Source	Solar DC and AC mains (Hybrid)	
4.7	Duty Point Flow Rate	≥ 6 m ³ /h at 60 m TDH.	
4.8	Motor Power	Approx 3 Hp	
4.9	Valve	Non-Return Valve	
4.10	Efficiency	Overall pump and motor efficiency: $\geq 60\%$ at the design duty point.	
4.11	Ingress Protection	IP65 protection rating for both pump and motor.	
4.12	Insulation & Duty	Class F insulation, S1 continuous duty cycle.	
4.13	Material Composition	All wetted components must be manufactured from AISI 304 stainless steel or higher grade.	
4.14	Performance Curves	Submission of official manufacturer pump performance curves (Head vs. Flow rate) and efficiency curves is mandatory.	
05. Pump Controller / Inverter			
5.1	Hybrid Operation	The controller shall automatically switch between solar PV and AC grid power without manual intervention	
5.2	AC Input	220–240 V AC, 50 Hz, single phase	
5.3	Optimization	Integrated Maximum Power Point Tracking (MPPT) controller.	
5.4	MPPT Efficiency	$\geq 98\%$ tracking efficiency.	
5.6	System Protections	Integrated dry-run, overload, over-voltage, under-voltage, and reverse polarity protections.	

5.7	Surge Protection	Integrated lightning and electrical surge protection features.	
5.8	Display	LCD/LED display showing PV voltage, current, AC input, pump power, operating status, and fault codes	
5.9	Monitoring	Built-in or optional remote monitoring capability for system status and performance tracking.	
06. Cables & Electrical Protection			
6.1	Cable Quality	UV-resistant solar cable complying with IEC 62930.	
6.2	Voltage Rating	Minimum 1000 VDC rating.	
6.3	Conductor Type	Flexible tinned copper conductors.	
6.4	Surge Devices	Heavy-duty Type II DC SPD and Type II AC SPD installed in a weatherproof enclosure.	
6.5	Earthing System	Dedicated grounding/earthing system with an overall earthing resistance less than 10 ohms (Ω).	
07. Mounting Structure & Pipe line			
7.1	Material	Hot-dip galvanized steel (with a minimum coating thickness of 80 μm) or marine-grade aluminum.	
7.2	Hardware	All fasteners, nuts, bolts, and washers must be strictly corrosion-resistant (stainless steel grade AISI 304 or better).	
7.4	Pump Hanging Rope	SS304 min 3mm	
7.6	Pipe	HDPE PN16 pump to Ground level Approx. 45m	
7.5	Engineering	Structural engineering design optimized for local soil and wind loading parameters.	
08. Warranty & After-Sales Service			
8.1	Complete System	Minimum 36 months comprehensive system warranty from the date of commissioning.	
8.2	Pump & Motor	Minimum 3 years full replacement/repair warranty.	
8.3	Mounting Structure	Minimum 10 years structural integrity and anti-corrosion warranty.	
8.4	Long-term Support	Supplier must guarantee the availability of original spare parts and technical support for a minimum of 10 years.	

09. Bidder Qualification Criteria			
9.1	Authorization	Must be an authorized dealer, distributor, or direct manufacturer of the offered system components.	
9.2	Core Experience	Minimum 3 years of verified experience in executing solar-powered water pumping systems.	
9.3	Track Record	Must submit a minimum of three (3) verifiable installation references of similar scale with client completion certificates.	
10. Compulsory Documents to Submit With Bid			
10.1	Datasheets	Manufacturer technical datasheets for PV modules, pump, motor, and controller.	
10.2	Curves	Factory certified pump performance and efficiency curves.	
10.3	Certifications	Valid copy of IEC certificates for the proposed PV modules.	
10.4	Letters	Valid Manufacturer Authorization Letter tailored to this specific tender.	
10.5	Schematics	Preliminary installation layout drawings and electrical Single Line Diagram (SLD).	
11. Acceptance Testing & Commissioning			
11.1	Flow Verification	On-site physical verification of real-time discharge (6 m ³ /h) at the required operating head (60 m).	
11.2	Electrical Checks	Measurement of PV array open-circuit voltage (Voc), short-circuit current (Isc), and operational operating points.	
11.3	Safety Testing	Performance verification of controller features (specifically dry-run cutout) and testing of earthing resistance ($\leq 10 \Omega$).	
11.4	Report	Submission of a signed, comprehensive System Commissioning Report before final acceptance hand-over.	