



**OFFICE OF THE CHIEF EXECUTIVE OFFICER  
SHRI MATA VAISHNO DEVI SHRINE BOARD, KATRA**

Central Office, Jammu Road, Katra (J&K) – 182301

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**Short Term Notice Inviting e-Tender**

**E-NIT No. CO/F/524/658 , Dated: 26/02/2026**

E-Tenders on the prescribed format are invited on behalf of Shri Mata Vaishno Devi Shrine Board through its Chief Executive Officer from the reputed professional firms/companies dealing in providing services for Design, Supply, Installation, Testing & Commissioning (DSITC) of Hydroponic System based on IOT as well as manual at Kunia Nursery Panthal, Katra and its maintenance for 3 years.

S. No	Description of work/Locations	Dimension	Tender Fee (in Rs.)	EMD (in Rs.)	Estimated Cost
1.	Design, Supply, Installation, Testing & Commissioning (DSITC) of Hydroponic System based on IOT as well as manual at Kunia Nursery Panthal, Katra and its maintenance for 3 years.	6mtrs.X15mtrs.	1500/-	50,000	25,00,000

The e-NIT consisting of Qualifying Information, Eligibility Criteria, Specifications, Bill of Quantities, (B.O.Q), set of Terms & Conditions of Contract and other details can be seen / downloaded from the websites:- <http://jktenders.gov.inwww.maavaishnodevi.org> as per following:

Publishing Date	26/02/2026 (4:00 PM)
Download Start Date	26/02/2026 (4:00 PM)
Pre-Bid Conference	02/03/2026 (11:00 AM)
Bid Submission Start Date	05/03/2026 (3:00 PM)
Bid submission End Date (Online)	17/03/2026 (3:00 PM)
Submission of Hard Copy (end) date and time	18/03/2026 (5:00PM)
Date of Opening of Technical Bid (Online)	20/03/2026 at 11:00 AM (In Office of the Shri Mata Vaishno Devi Shrine Board, Katra)
Date of Opening of Financial Bid (Online)	Shall be intimated to the Technically qualified bidders.

The tender must accompany with an earnest money in the form of CDR / FDR / TDR of the amount mentioned above drawn from any Nationalized / scheduled Bank duly pledged to the FA /

Chief Accounts Officer, Shri Mata Vaishno Devi Shrine Board, Katra and deposit Tender Fee as mentioned above in the official account of Shri Mata Vaishno Devi Shrine Board Branch J&K Bank Katra, Account No. **0235040500001804, IFSC – JAKA0KATTRA**. The bidder shall mention UTR No. in the prescribed Technical Bid Form at **Annexure-‘A’**. Complete bidding process will be done online on e-Tender portal [www.jktenders.gov.in](http://www.jktenders.gov.in) & [www.maavaishnodevi.org](http://www.maavaishnodevi.org). The tenders are submitted strictly in accordance with the provisions of the detailed e-NIT.

**Sd/-**  
**(Vinay Khajuria)**  
**Asstt. Conservator of Forests**

**Instruction to Bidders regarding e-Tendering process:**

1. The interested firm(s) / companies can download the e-NIT / bidding document from the website <https://jktenders.gov.in&www.maavaishnodevi.org>
2. To participate in bidding process, Bidders have to get (DSC) “Digital Signature Certificate” as per Information Technology Act 2000; to participate in online bidding. This certificate will be required for digitally signing the bid. Bidders can get above mentioned digital certificate from any approved vendors.
3. The Bidders, who already possess valid (DSC) Digital Signature Certificates, need not to procure new Digital Signature Certificate.
4. The Bidders have to submit their bids online in electronic format with Digital Signature. The bids cannot be uploaded without Digital Signature. No Proposal will be accepted in physical form.
5. Bids will be opened online as per time schedule mentioned in the e-NIT.
6. Before submission of online bids, Bidder must ensure that scanned copies of all the necessary documents have been attached with bid.
7. The Shrine Board will not be responsible for delay in online submission of bids whatsoever reasons may be.
8. All the required information for bid must be filled and submitted online.
9. Bidder(s) should get ready with the scanned copies of documents & EMD as specified in the Tender documents.
10. The details of cost of documents, EMD specified in the Tender documents should be the same, as submitted online (scanned copies) and hard copies otherwise bid will not be accepted.
11. Bidder(s) are advised to use “My Documents” area in their user ID on <https://jktenders.gov.in>, e-Tendering portal to store important documents like Balance sheet, GST Registration Certificate, Tax Clearance Certificate, IT certificate, Manufactures authorization and other related documents etc., and attach these certificates as Non-Statutory documents while submitting their bids.
12. Bidder(s) are advised not to make any change in BOQ (Bill of Quantities) contents or its name. In no case they should attempt to create similar BOQ manually. The BOQ downloaded should be used for filling the item rate as prescribed and it should be saved with the same as it contains.
13. Bidder(s) are advised to scan their documents at 100 DPI (Dots per Inch) resolution with Black and White, PDF Scan properly.
14. The guidelines for submission of online bid can be downloaded from the website <https://jktenders.gov.in&www.maavaishnodevi.org>.
15. The Tenderer(s) should carefully study the document and prepare his Tender with consideration of all provisions of the document. He should fully acquaint himself with site conditions and all other factors which may influence preparation of his Tender.
16. The Bidder meeting the minimum eligibility criteria and with the highest marks/rank (i.e. the total of technical evaluation and financial evaluation marks) shall be deemed as the successful bidder and shall be considered eligible L-1 bidder for further process
17. If there is any discrepancy between words and figures, the amount in words shall be prevailing.
18. Language of Bids: The Bids prepared by the bidder and all correspondence /document related to the bids exchanged by the bidder and department shall be written in English

language. Further, if the literature furnished by the bidder is written in another language, the same may be accompanied by a duly certified English translated document.

**Sd/-  
(Vinay Khajuria)  
Asstt. Conservator of Forests**

**No. CO/F/524 /658  
Dated: 26.02.2026**



**OFFICE OF THE CHIEF EXECUTIVE OFFICER  
SHRI MATA VAISHNO DEVI SHRINE BOARD**  
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**e-mail: forestwing@maavaishnodevi.net, acf@maavaishnodevi.net**

**e-NIT No. CO/F/524 /658, Dated:26/02/2026**

**SUBJECT:** Notice inviting e-Tender on the prescribed format is invited on behalf of the Chairman, Shri Mata Vaishno Devi Shrine Board from the reputed professional firms/companies/limited liability partnership dealing in providing services for Design, Supply, Installation, Testing & Commissioning (DSITC) of Hydroponic System based on IOT as well as manual at Kunia Nursery Panthal, Katra and its maintenance for 3 years.

**1. REQUIREMENT:**

For and on behalf of Chairman, SMVDSB, through CEO, SMVDSB, e-Tender under Two Bids System is invited from the reputed professional firms/companies/limited liability partnership dealing in providing services for Design, Supply, Installation, Testing & Commissioning (DSITC) of Hydroponic System based on IOT as well as manual at Kunia Nursery Panthal, Katra and its maintenance for 3 years. The detailed Tender Document with full description and Terms and Conditions is available at [www.jktenders.gov.in](http://www.jktenders.gov.in) & [www.maavaishnodevi.org](http://www.maavaishnodevi.org).

**2. TENDER SCHEDULE:**

<b>Publishing Date</b>	26/02/2026 (4:00 PM)
<b>Bid Download Start Date</b>	26/02/2026 (4:00 PM)
<b>Pre-Bid Meeting</b>	02/03/2026 (11:00 AM)
<b>Bid Submission Start Date</b>	05/03/2026 (3:00 PM)
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<b>Submission of Hard Copy (end) date and time</b>	18/03/2026 (5:00PM)
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### **3. BACKGROUND:**

The project involves the installation of a state-of-the-art hydroponic system at the Kunia Nursery Panthal, with a focus on modernizing the existing agricultural operations through advanced, sustainable technologies. The system will optimize the use of water, nutrients and space providing an efficient and eco-friendly way to grow plants. This project will contribute to enhancing the nursery's productivity, promote sustainable farming practices, and encourage the adoption of innovative agricultural techniques. The hydroponic system to be implemented must align with the latest industry standards, ensuring optimal performance and minimal environmental impact.

The project area covers approximately 15 mtrs. X 6 mtrs. square feet and will require both technical and operational expertise for design, supply, installation, and execution.

### **4. SCOPE OF WORK OF BIDDER:**

The scope of work for the bidder will encompass the following:

#### **a) Pre-Design and Survey Work:**

- Conduct a thorough site survey to assess the space, structural integrity, existing environmental conditions, and any factors that could impact the installation of the hydroponic system.
- Evaluate the local climate conditions, including temperature; humidity, and light availability, to design a system that will maximize plant growth efficiency.
- Analyze power and water supply infrastructure to ensure the hydroponic system's needs are met.

#### **b) System Design and Planning:**

- Develop a detailed design plan for the hydroponic system, tailored to the specific needs of Kunia Nursery Panthal.
- Propose an appropriate hydroponic growing method i.e nutrient film technique (NFT), based on the type of plants to be grown, space constraints, and local conditions.

#### **c) Ensure that the design includes the following:**

- Planting system layout (vertical, horizontal, or a combination, depending on space optimization).
- Water management system including pumps, filters, reservoirs, and nutrient delivery.
- Lighting system (if required) to enhance growth, especially if there are issues with natural light.
- Environmental control system (temperature, humidity, CO<sub>2</sub>, pH, etc.), to maintain optimal growing conditions.
- Provide recommendations on the materials and equipment to be used, ensuring compatibility with hydroponic technology and durability.

#### **d) Execution and Supply:**

- Supply and deliver all necessary components, including but not limited to:

- Hydroponic growing channels, trays, and containers.
- Pumps, filtration systems, and water management tools.
- Lighting systems (if applicable) and electrical wiring.
- Automated & manual (both) environmental control systems (temperature, humidity, CO2, pH sensors, etc.).
- Nutrient delivery systems, Automated & manual (both).
- Ensure timely delivery of materials and ensure all components meet quality standards.
- Installation and setup of the hydroponic system as per the approved design and plan.

**e) Construction and Installation:**

- Undertake civil works, if required, such as platform construction, electrical, plumbing, and structural modifications to support the hydroponic system.
- Installation of all components, including structural elements, growing systems, irrigation, and environmental controls.
- Integration of all components into a fully functional system, ensuring that each part of the system operates in sync.

**f) Testing and Commissioning:**

- Conduct testing of the entire system to ensure that it operates as designed, with particular attention to water flow, nutrient delivery, environmental control, and overall system performance.
- Complete the commissioning phase, ensuring that the system is fully operational.

**g) Documentation:**

- Provide complete documentation of the system design, installation, and maintenance for 03 years.
- Prepare a maintenance manual for ongoing management of the hydroponic system.

**h) Post-Installation Support:**

- Offer a warranty for the system for a period of 12 months as Defect liability period, with specified terms for maintenance, repairs, and troubleshooting.
- Provide technical support for a specified period after installation to ensure system functionality.

**i) Estimation & Approval**

Bidder shall prepare a detailed estimate of each component of scheme based on approved design and drawing, approved alignments and get it approved before execution of work. Measurement of work shall be done according to the approved estimate.

**j) Delivery and Installation:**

- The successful bidder shall deliver the equipment and materials to the site within 20 days from the date of signing of this Contract.
- **The successful bidder shall install and commission the Hydroponic System within 60 days from the date of issuance of LOA.**

**k) Repairs & Maintenance :**

- Maintenance period for entire scheme shall be defect liability period plus 36 months (3 Years) including all types of repairs, replacements of electrical, mechanical, civil, automation equipment or components required for successful commissioning of scheme for all season i.e. for complete 12 months of year.
- Defect liability period for entire scheme shall be one year after completion of project and successful trial run (The charges of ONLY Technical team & Labor deployed will be paid in defect liability period).

**l) Training Objective:**

The contractor shall provide comprehensive training to the designated personnel of Kunia Nursery Panthal to ensure the efficient operation, management, and maintenance of the hydroponic system during and after the installation period. This training will empower the end users with the necessary knowledge and skills to ensure optimal system performance.

The final design must ensure that the entire system is scalable, allowing for future expansions as needed.

**5. PROJECT LOCATION :**

Design, Supply, Installation, Testing & Commissioning (DSITC) of Hydroponic System based on IOT as well as manual at Kunia Nursery Panthal, Katra and its maintenance for 3 years.

**6. MINIMUM ELIGIBILITY CRITERIA:**

**The bidder must satisfy the following criteria and are advised to arrange the Documents / work orders / Work completion Certificates in ascending orders mentioned below along with Index and page numbers as per the format enclosed at Annexure I:**

- a) Copy of the registration certificate of the company from any Government entity should be submitted.
- b) Registered partnership deed in case of a partnership firm, Memorandum of Article and Article of association in case of a joint stock company, proprietorship certificate duly certified by a Notary in a stamp paper in case of proprietorship firm is to be enclosed.
- c) Applicant Company should not have been blacklisted by any of the State/Central Government or Organizations of the State/Central Government.
- d) The applicant firm shall have valid GST registration certificate.
- e) PAN Card.

- f) IT returns filed for the past three financial years i.e. **FY 2022-23, FY 2023-24 and FY 2024-2025.**
- g) Details local Dealer / service center / office to be provided with contact details and email id.
- h) Tenderer should have their own survey and design. List of survey and design team should be attached for the same.
- i) Valid ISO certificate for Design / Survey / installation and manufacture to be attached.

Note:

- i. All documents along with tender shall be self attested by the authorized signatory of the bidder / firm/company with official seal.
- ii. Submission of any forged document will attract legal action including the rejection of Tender or cancellation of contract at the risk and the cost of the agency, if awarded.
- iii. All items are for hydroponics site and are to be supplied at designated location in Kunia Nursery, Panthal including taxes and carriage/transport / labour charges.

## **7. ELIGIBILITY CRITERIA FOR TECHNICAL BID EVALUATION:**

In order to qualify in the Technical Bid, the bidder must submitted documentary evidences along with the Technical Bid in support of the following: -

**a)** Average Annual financial turnover not less than Rs.50, 00,000/- (Rupees Fifty lakhs only) during last 3 financial years i.e. 2022-23, 2023-24 & 2024-25. Copy of Balance Sheet or Profit & loss A/c may be submitted.

### **b) EXPERIENCE CERTIFICATE:**

(i) Certificates of Experience in successful completion of similar nature of work as stipulated in the 'Scope of Work' during last 7 (seven) years ending previous day of last date of submission of application as detailed below –

- Three similar completed works each amounting to not less than 40% of the contract value i.e. Rs.10,00,000.

OR

- Two similar completed works, each amounting to not less than 60% of the contract value i.e. 15,00,000.

OR

- One similar completed work amounting to not less than 80% of the contract value i.e. Rs.20,00,000.

## **8. PROCEDURE FOR SUBMISSION OF TENDER:**

Bidders are invited to submit Bids for “**e-Notice Inviting Tender (e-NIT) for Design, Supply, Installation, Testing & Commissioning (DSITC) of Hydroponic System based on IOT as well as manual at Kunia Nursery Panthal, Katra and its maintenance for 3 years**” in two parts viz. Technical Bid (**Annexure-‘A’**) and Financial Bid (**refers to BOQ Online only**) as per enclosed Performa along with supporting

documents, application fee, EMD etc. The Tender`s are required to submit their tenders under 2 bids system with Cover-I (Technical Bid) and Cover-II (Price Bid).

**A. Cover-I (Technical Bid):**

- (i) **Annexure-‘A’** form duly filled in along with relevant documentary proofs.
- (ii) Scanned copies of EMD in shape of CDR/FDR pledged to FA/Chief Accounts Officer, SMVDSB.
- (iii) Tender Fee of **Rs.1500/-** shall be deposited through direct transfer (Online/NEFT) in the official account of Shri Mata Vaishno Devi Shrine Board, Branch J&K Bank Katra, Account No. 0235040500001804, IFSC – JAKA0KATTRA (in IFSC Code JAK0KATTRA – 0 stands Zero). The bidder shall mention UTR No. in the prescribed Technical Bid Form at Annexure- ‘A’.
- (iv) Tender Document containing Instructions, Terms and Conditions duly signed on each leaf by the Tenderer, along with documentary proof wherever required.

**B. Cover II (Price Bids):**

- (i) Price bid shall contain price quoted for each work separately as per BOQ & has to be submitted **online** in the form of BOQ only.
- (ii) The price bid should be absolute and unconditional.
- (iii) Conditional bids shall be rejected.
- (iv) The price bid shall be opened in favour of bidders who qualify in the technical bid. Rates are required to be quoted strictly as per prescribed BOQ / item of works.
- (v) Price bids not conforming to above standards or suffering from any flaw shall be rejected.

**9. PRE-BID CONFERENCE:**

A pre-bid conference will be held on **02.03.2026 at 11:00 AM** at office chamber of ACF, SMVDSB, Katra. It is advised that before Pre-bid meeting, the bidder shall visit the site to acquaint themselves with the prevailing condition and other facilities available nearby. Conceptual understanding / layouts of area whichever possible will be provided to bidders during pre-bid meeting or any other query of the interested firm regarding the project shall be consulted with the authority. **Shrine Board reserves the right to modify the terms & conditions of e-NIT after the pre-bid conference in view of any practical modalities which may emerge during the pre-bid meeting.**

**10. EARNEST MONEY DEPOSIT:**

- I. The Bidders should submit an EMD of **Rs. 50,000.00 (Fifty Thousand only)** in the form of CDR/FDR pledged to the FA/ Chief Accounts Officer, Shri Mata Vaishno Devi Shrine Board, Katra. There shall be no relaxation/ concession to any Unit/Agency whatsoever in regard to the amount of EMD to be paid.
- II. EMD should be included along with the Technical Bid in the cover containing Technical Bid as the Technical Bid will be opened first. The Bidders should NOT include EMD in the cover

containing Financial Bid. If the EMD is not found in the cover containing Technical Bid, the tender will be rejected.

- III. Tenders received without enclosed EMD in the cover containing Technical Bids will be summarily rejected. EMDs other than in the form of CDR / FDR will not be accepted and the tenders with EMD in the form of other than CDR / FDR Draft will be summarily rejected. The EMD will not bear any interest. The Shrine Board will not entertain any request for adjusting the EMD from the tender due/running bills or from the EMD/Security Deposit of for any other Bidders. In case of withdrawal of tender by the Bidders within the Validity period of the offer or before finalization of the order, the EMD amount paid will be forfeited.
- IV. The Earnest Money of the Bidders shall be forfeited if they withdraw their tender or raise the price of their offer within the validity period. The Earnest Money shall also be forfeited in case of Bidders who do not comply with purchase order placed on them within the validity period of offer or violate any terms and conditions contained herein, for this purpose purchase order shall be deemed to have been placed from the date of letter of intent.
- V. EMD of the unsuccessful bidders shall be returned to them at the earliest after expiry of the final bid validity and latest on or before the 30<sup>th</sup> day after the award of the contract Clause-170(ii) of GFR-2017.

#### **11. SELECTION CRITERIA:**

All bidders shall submit documentary proof in support of meeting Eligibility Criteria. In the first stage of evaluation, Proposals shall be rejected, if found deficient as per the requirements of e-Tender/Bid Processing Fee and other eligibility criteria. Only bids confirming the e-NIT conditions shall be further taken up for evaluation. The only bidder(s) qualifying the technical evaluation criteria shall be entitled as competent for the process of financial bid evaluation. The participating bidder's criteria eligibility shall be evaluated on the basis of points to be obtained in the point matrix.

#### **A. The Bidding Process :**

Bidders who qualify the minimum eligibility criteria will be only consider for next Technical Evaluation.

#### **12. GENERAL TERMS & CONDITIONS:**

- i) That work allotted to the successful bidder shall be for a period defect liability period plus three years commencing from the date of commissioning of project. The successful bidder shall have to enter into agreement with Shri Mata Vaishno Devi Shrine Board, Katra within a period of 15 days from the issuance of LoA.
- ii) The Chief Executive Officer, SMVDSB reserves the right to accept or reject any one or all the tenders without assigning any reason thereof.
- iii) The successful bidder shall have to make payment on account of any loss / damage caused to the property of the Shrine Board by his workers intentionally or unintentionally, failing which the same shall be recovered from his due payment / Security Deposit of bidder.
- iv) The Security Deposit shall be forfeited if the successful bidder prematurely withdraws or if the services are terminated for being unsatisfactory.

- v) That the successful bidder shall solely be liable for any costs, charges or expenses arising out of any claims or legal proceedings in connection with or relating to its operation / activities under this agreement. The successful bidder shall be liable to indemnify and keep indemnified the SMVD Shrine Board against any damages, compensation, costs, charges or expenses arising out of any claims or proceedings relating to its operations / activities.
- vi) That the successful bidder shall continuously maintain adequate protection of all the materials and equipment from damages, destruction or loss and shall also protect the property of the SMVD Shrine Board from any damage.
- vii) That if it is observed during bidding process/bids evaluation stage that a bidder has indulged in corrupt/fraudulent/collusive/coercive practice, the bid of such Bidder(s) shall be rejected and its Earnest Money Deposit (EMD) shall be forfeited. Further, such agency shall be debarred for future business with Shrine Board for a period of next three years.
- viii) After verification of antecedents, badges will be issued to them by the successful bidder or his representative. The cost of badges would be borne by the successful bidder.
- ix) No payment shall be made to the successful bidder for any damage caused by any natural calamity, whatsoever during the execution of the work. The successful bidder shall be fully responsible for any damage to the SMVDSB Property; any loss caused shall be recovered from the bills of the successful bidder.
- x) The successful bidder shall have to ensure that information provided to it as part of this contract / agreement shall be kept confidential, secure and protected.
- xi) The Shrine Board shall not be bound to accept the lowest or any Tender and reserves to itself the right of accepting / rejecting the whole or a portion of any of the Tender, as it may deem fit, without assigning any reason thereof.
- xii) However, the successful bidder shall be responsible for security and safe custody of machinery/equipments installed.
- xiii) Dismantled / replaced parts should be handed over to Shrine Board's Engineer-In-charge or to his subordinate staff under proper receipt.
- xiv) Engineer-in-Charge of SMVDSB has the right to conduct a technical audit of the work and to perform any analysis or inspection as he / she deems necessary. The successful bidder shall at its cost provide all assistance to the Engineer-Incharge for such inspections.
- xv) The Parties who are filing GST return on quarterly basis are required to file IFF return on monthly basis so that Shrine Board can claim input.
- xvi) Successful Bidder should be fully equipped with tool sets and testing equipments required for day-to-day operation and maintenance of the plant.
- xvii) Successful Bidder shall provide all preventive/routine maintenance and breakdown/corrective maintenance required for ensuring maximum uptime.
- xviii) If the system is found damaged/defective due to non-maintenance, the cost for correcting the breakdown system will be deducted from the payment chargeable under the maintenance contract as per the penalty amount defined in Penalty Clause.
- xix) The successful bidder shall not assign, sublet, underlet work allotted in this e-NIT on any ground whatsoever. Any breach of the condition will result in the revocation of the agreement / contract forthwith and initiation of penal action e.g. forfeiture of EMD and debarring from future participation of 03 years consecutively.

### **13. PERFORMANCE SECURITY:**

- (i) The successful bidder shall furnish performance security equivalent to 5% (**Five Percent**) of the total value of the contract, in the form of Bank Guarantee from any Nationalized / Scheduled Bank pledged to the Chief Accounts Officer, SMVDSB, Katra within the stipulated period of 14 days from the issuance of Letter of Award. Failure to do so within the stipulated period, the contract shall be liable for cancellation together with forfeiture of the Earnest Money Deposit (EMD).
- (ii) If the bid of the successful bidder is seriously unbalanced in relation to the Engineer's Estimate of the cost of work to be performed under the contract, the Board may require the Bidder to produce detailed price analysis for any or all items of BoQ, to demonstrate the internal consistency of those prices. After evaluation of the price analysis, the Board may require that the amount of performance Security set forth in clause 13 (i) in of this tender be increased at the expense of the successful bidder under the contract.

#### **14. TERMS OF REFERENCE:**

The bid is invited to include all the activities from concept to commissioning and maintenance thereafter as the terms mentioned in this BID Document. The details given in this section are minimum needed to commission the project. However, since the concept shall have to be finalized and designing will be in the scope of Bidder, any excess quantum of equipment / machinery / software / hardware components that are required for the successful commissioning of the project shall deemed to have been included in the scope of work.

Time for successful commissioning of the project is 60 days from the date of issue of work-order.

##### **a) Repairs/Operation & Maintenance, Training:**

- i) The Maintenance shall be comprehensive in nature.
- ii) Maintenance period for entire scheme shall be after defect liability period plus 36 months (3 Years) including all types of repairs, replacements of electrical, mechanical, civil, automation equipment or components required for successful commissioning of scheme for all season i.e. for complete 12 months of year further extendable up to 03 years.
- iii) All the spares required for smooth functioning of the project should be in stock withthen Bidder.
- iv) Bidder should keep sufficient staff for maintenance of the project.
- v) Bidder shall also be required to provide the maintenance manual to SMVDSB within 30 days from the Successful commissioning of the project. The maintenance manual should be exhaustive in nature such that it gives complete details of Maintenance including but not limited to possible fault identification and its rectification process. On completion of maintenance period, Bidder has to assure SMVDSB that the project is in working condition as it was on the day of successful commissioning.
- vi) On expiry of maintenance period, SMVDSB may further extend the maintenance period

of the project.

- vii) The facility shall run regularly without any failure every day as per the fixed schedule. Any failure on the part of the Bidder shall invite penalties as per the relevant provision of the BID.
- viii) The facility shall be supported by power back up and all the arrangement for preventive maintenance shall be done by the Bidder throughout the maintenance Period.
- ix) The Maximum breakdown time allowed shall be in one day one occasion with maximum of six such occasions in a year, in case breakdown is needed for preventive maintenance, the same shall be planed either during the day when the facility will be closed or during six occasions as mentioned in this clause.
- x) The Bidder shall ascertain energy efficiency & economy; all the equipment shall be energy efficient.
- xi) Bidder has to follow all the highest standards of safety and security as per standard Indian codes and legal statutes at all stages of construction and maintenance.
- xii) Maintenance also consist of training of employee of SMVDSB for implementation
- xiii) Maintenance of Hydroponics System at the allotted site shall be conducted under the overall supervision of the mechanical wing of SMVDSB.

**b) Technology up gradation:**

- Bidder shall be allowed technology/equipment up gradation during the currency of the contract with the aim to improve the quality of the service. The enhanced cost of the same shall fall in the scope of the bidder. However, the board shall consider request for any additional civil work on account of the proposed-up gradation.
- After the completion of the contract period, the Bidder shall handover the project to SMVDSB in fully functional condition or as directed by the authority in running condition. The Bidder shall also provide training to at least three employees of SMVDSB to fully run the Hydroponics System before the end of maintenance period.

**c) Commissioning / Trial Run**

- After completion of scheme, trial run for 8 hours x 7 days entire scheme shall be carried out by the Bidder.
- Execution of all other miscellaneous components or items required for successful commissioning and running of the entire scheme throughout the lifetime of the scheme.

**d) Availability of the Water sources details:**

- Water is available at the Kunia Nursery for the successful operation of the work.

**e) Other Requirements:**

- a) Content Production: Project execution shall be as per the with consultation of SMVDSB.
- b) All civil / mechanical / electric works must get approval from SMVDSB and any modifications/ alterations suggested by SMVDSB should be suitably modified and altered to the satisfaction of SMVDSB.
- c) Warranty of all Equipment: Warranty of all equipment should be in favor of SMVDSB.

**15. SCOPE OF SHRINE BOARD:**

- a) Electricity & water shall be provided by the Shrine Board at one point inside the project premises. All internal electrical and water connections shall be installed by the Bidder.

**16. PAYMENT TERMS:**

- a) **40 %** of Project Cost on pro-rata basis after delivery of material and equipment at site (No part shipment of a full equipment will be entertained for payment)
- b) **40%** of Project Cost on pro-rata basis against installation at site, Testing & Commissioning including final submission of all built drawing including maintenance manuals, maintenance charts etc securing necessary approval for the Shrine Board including obtaining of all license and approval from statutory authorities to be satisfaction of Unit In-charge, SMVDSB.
- c) Remaining **20 %** of the project cost shall be released @ 5 % every year during the DLP and comprehensive maintenance contract period of three (3) years.

**17. TERMINATION OF CONTRACT:**

- i. The Chief Executive Officer/Addl. Chief Executive Officer, SMVDSB reserves the right to terminate the tenders at any point of time without assigning any reason thereof.
- ii. The contract shall also be terminated, if the Successful bidder fails to take-up the work or execute the agreement with SMVDSB in the stipulated time or fails to deliver / non-compliance as per the terms & conditions of the e-NIT.

**18. ARBITRATION:**

In case of any dispute arising between the parties to this e-tender and all matters connected therewith, both parties shall make every effort to resolve it amicably by direct informal negotiation. If even after thirty days from the commencement of informal negotiation, the parties have not been able to resolve the dispute amicably, then such disputes/differences shall be resolved by Arbitration as per the Arbitration and Conciliation Act, 1996.

1. Either party may request other of its intention that a dispute be submitted to Arbitration and both the parties shall meet within 15 days from the date of receipt of such request to select a sole arbitrator mutually for the resolution of dispute and venue / seat or Arbitration shall be at Jammu / Katra / Reasi.
2. In the event that the parties cannot agree upon the selection of the sole Arbitrator, either party or both the parties may move an application before the Hon'ble High Court

at Jammu, under the Arbitration and Conciliation Act, 1996, for the appointment of sole Arbitration with seat/venue at Jammu for the resolution of dispute between the parties.

**19. BIDDER'S SITE VISIT:**

J&K SOR,2022 allow carriages lead & lift for building materials from the source of supply to the site of work but in this contract nothing extra shall be paid on account of lead, head Load, lift & carriages etc. The contractor's / firms are therefore required to visit the site of work and quote their rates accordingly. Such site visit shall be at the bidder's own expense, risk and responsibility. Lack of knowledge of site / site conditions / working conditions shall not be considered as a reason whosoever it may be. SMVDSB, shall however, facilitate such visits to the extent possible on written requests of prospective bidders.

**20. ALLOTMENT OF THE WORK / CONTRACT, IN CASE OF TERMINATION OF CONTRACT/ WORK ORDER SITUATION ARISES:**

- a. The Earnest Money Deposit shall be forfeited, if the successful Bidder fails:
  - i) To accept Letter of Award
  - ii) To furnish Performance Security Deposit in accordance with Clause No. 13 of the e-NIT.
  - iii) To take-up the work or execute the agreement with SMVDSB in the stipulated time.
- b. Termination of Contract during the currency of the contract period due to whatsoever reasons.
- c. Shrine Board reserves the right to alter, accept or reject part or all the Tenders without, assigning any reason thereof.

**21. NEGOTIATION:**

In case, the bid price quoted by the bidder (s) is abnormally higher, SMVDSB reserves the right to invite the L1 bidder for negotiations. If financial negotiations with the selected consultant fail, the bidding process shall be cancelled and fresh proposals shall be re-invited. If two or more bidder quotes the same rate, SMVDSB reserves the right to seek revised rate, from the same bidders and placing work order on revised L1 offer.

**22. CONTRACT RATES:**

The Contract rates and prices shall be deemed to include all manpower cost, comprehensive maintenance cost of the Hydroponics system, life/health insurance of workers, all taxes and duties and other incidental expenses that may be incurred for proper maintenance of the system, and shall include for all statutory obligations pertaining to the work.

**23. PENALTY:**

The project shall be successfully commissioned within 60 days. In case of delay in commissioning of the project; the suitable penalty as decided by CEO, SMVDSB shall

be imposed provided that the total amount of penalty to be paid under delay of commissioning of project beyond 30 days shall be as under

- i. Up to one week of delay: ₹ 5,000
- ii. Up to two weeks of delay: ₹ 10,000
- iii. Two- four weeks of delay: ₹ 20,000
- iv. Thereafter SMVDSB reserves the right to forfeit the performance guarantee and execute the work through an alternate means as deemed fit by SMVDSB to get the work done through other agency at the cost of Bidder.
  - a. In case of non-operation / malfunctioning: (non-operation means: complete non-functioning of Hydroponics system) the Bidder shall be levied a penal charge as follows:
    - i. 1-7 days: equal to Rupees ₹ 500 per day per gun for such non operation/ malfunction subjected to a maximum seven consecutive days.
    - ii. 7-14 days: equal to Rupees ₹ 1000 per day per gun for such non operation/malfunction subjected to a maximum 14 consecutive days.
  - b. In addition to the above charges, in case the facility does not function for seven consecutive days, one-time penal charges of ₹. 10,000 (Rupees Ten Thousand) shall be levied on the Bidder and for non-functioning for 14 consecutive days, one time penal charge of ₹ 20,000 (Rs Twenty Thousand) shall be levied on the Bidder/Bidder. Thereafter, SMVDSB shall be at the liberty to get the rectification done at the cost of the Bidder. Any such expenses made by SMVDSB shall be recovered from the dues out standing with SMVDSB or from the performance guarantee from the Bidder /Bidder. This shall also make the contract liable for cancellation together with forfeiture of the Security deposited.

#### **24. AWARD OF CONTRACT :**

The successful Bidders shall furnish security deposit amounting to 5% of the total cost of the project in the form of CDR/FDR from any Nationalized / Scheduled Bank pledged to the Chief Accounts Officer, SMVDSB, Katra within a period of 14 Days from the issuance of Letter of Award. Failure to do so within the stipulated period shall make the contract liable for cancellation together with forfeiture of the EMD. Any bid not accompanied by the Cost of the bid document and EMD shall be rejected by the Authority as non-responsive.

1. The Performance security deposited will be forfeited and credited to the procuring entities' account in the event of a breach of contract by the contractor. The security deposit should be returned without interest after the completion of contract in all respect but not later than 60 days of the completion of obligations including the DLP and 36 months thereafter. EMD should be refunded to the successful bidder on receipt of performance security.
2. If the bid price falls below 10%, an additional security of 0.1% shall be levied for every percentage of bid price below 10%. And, if the bid price falls below 20% of the

estimated cost, an additional security of 0.2% for every percentage below 20% and an additional 1% security shall be levied on the bid price.

3. The validity of Security deposit shall be for the period of contract agreement i.e. 03 years further extendable up to a period of 05 years. The security deposit shall be released within a period of 06 months after the satisfactory completion of the Contract including maintenance period.
4. In case the contract is further extended, the performance security deposit shall have to be accordingly renewed by the Bidder. The security deposit shall be forfeited if the Bidder prematurely withdraws or if the services are terminated for being unsatisfactory.
5. The EMD of unsuccessful Bidders will be returned by the Authority, without any interest, as promptly as possible on acceptance of the bid of the successful Bidder/Bidder or when the Bidding process is cancelled by the Authority.

**25. CONTACTS DURING BID EVALUATION :**

BIDs shall be deemed to be under consideration immediately after they are opened and until such time the Authority makes official intimation of award/ rejection to the Bidders. While the BIDs are under consideration, Bidders and/ or their representatives or other interested parties are advised to refrain from contacting by any means, the Authority and/ or their employees/ representatives on matters related to the BIDs under consideration.

**26. FORCE MAJEURE:**

If during the currency of Contract, there is any out-break of war/ natural calamity or any such reason, which whether financially or otherwise affects the execution of the Contract the firm (unless contract is terminated) under provision of this Clause shall make his / her best efforts to complete the Contract. However after outbreak of such war / natural calamity or any such reason, Shri Mata Vaishno Devi Shrine Board shall be entitled to terminate the Contract at any time by giving notice in writing. Force Majeure is hereby defined as a 'Clause' which is beyond the control of SMVDSB / Firm and which consequently affects the performance of the Contract.

**27. JURISDICTION:**

Court of Reasi & Katra alone shall have the jurisdiction with respect to the subject matter of this contract.

**28. PERMITS & LICENSES:**

All licenses and permits for the work under Government control (local/Central) authorities shall be obtained by the Bidder himself at his own costs and fees.

**29. VALIDITY OF RATES:**

The offer shall remain valid and open for acceptance for a period of **90 days** from the date of opening of tenders, if the tenderer withdraws his tender before the expiry of the

said period or makes any modifications in the terms and conditions of the tender, the earnest money/security deposited by the tenderer shall be forfeited without any notice.

**Sd/-**  
**(Vinay Khajuria)**  
**Asstt. Conservator of Forests**

**Queries may be addressed to:**

Assistant Conservator of Forests, SMVDSB

Tel.: +91-1991-232120, 9419153063

Website: [www.maavaishnodevi.org](http://www.maavaishnodevi.org),

Email: [acf@maavaishnodevi.net](mailto:acf@maavaishnodevi.net), [forestwing@maavaishnodevi.net](mailto:forestwing@maavaishnodevi.net)

**(Relevant documents to be submitted online in Technical Bid Part)**

S. No.	Full name of the organization/firm/company	
1.	Year of establishment	
2.	Status of the agency i.e. Sole, Proprietorship, Partnership, Pvt. Ltd., Public Ltd., etc.	
3.	Full Address, Telephone No(s), Fax(s), E Mail etc. of Local Office(s) in Jammu	
4.	Name & Mobile Numbers of Directors/Partners/ Proprietor.	
5.	Copy of the registration certificate of the company from any Government entity should be submitted.	
6.	Registered partnership deed in case of a partnership firm, Memorandum of Article and Article of association in case of a joint stock company, proprietorship certificate duly certified by a Notary in a stamp paper in case of proprietorship firm is to be enclosed.	
7.	Applicant Company should not have been blacklisted by any of the State/Central Government or Organizations of the State/Central Government.	
8.	Whether an assessee of income tax. If so, mention permanent account number (PAN No.).	
9.	Enclose copies of Income Tax Return of the company submitted for last three financial years along with copy of GST No.	
10.	Name of two referees of repute with address & telephone number (enclose their certificates).	
11.	GST Certification No.	
12.	Audited Statements of Accounts and Balance Sheet showing Annual Turnover	

	for last 3 financial years.	
13.	Experience Certificate for required value of work.	
14.	The bidder must attach certificates of customer's satisfaction of these works.	
15.	Documents in support of Average Annual Financial Turnover.	

**Note: Attach attested documentary proof in support of each of the above with the technical bid, failing which bid is liable to be rejected.**

**Declaration**

1. I/We have meticulously gone through the contents of this tender and willingly accept the same.
2. I/We understand that if any false information is detected at a later stage, any future contract made between us and SMVDSB on the basis of information given by me/us can be treated as invalid by SMVDSB.
3. We agree that the decision of SMVDSB in selection of bidders will be final and binding on me/us.
4. All the information furnished in the bid is correct to the best of my / our knowledge.
5. I/We also agree that I/We have no objection if enquiries are made about the works listed or any other enquiry on the information furnished herewith in the accompanying sheets.
6. I/we also certify that I/we have visited the site and got acquainted with local conditions. My/our price bid is based on the basis of our full understanding about the job. I/we also authorize the company to forfeit my earnest money in case I/we fail to take up the job in the event of acceptance of my/our tender by SMVDSB.

Place:

Date:

SIGNATURE&SEAL\_\_\_\_\_

NAME&DESIGNATION\_\_\_\_\_

ORGANIZATION\_\_\_\_\_

**TENDER ACCEPTANCE LETTER**

Dated:

To  
Chief Executive Officer  
Sheri Mata Vaishno Devi Shrine Board  
Central Office, Katra

Tender Reference No.:

SUB: **Acceptance of Terms & Conditions of Tender.**

Name of Tender/Work:

Dear Sir,

In response to the tender invited by you, I/We have examined the scope of work and other terms and conditions of the contract and I/We agree to abide by all instructions mentioned in these documents attached hereto and hereby bind myself/ourselves to execute the work as per the schedule stipulated in the Tender Notice.

I/We further agree to sign and execute all agreements/bonds as may be required by CDAC to abide by the all conditions of the contract and to carry out all work as per specifications, failing which, I/We shall have no objection for the forfeiture of the earnest money/security money deposited with the company.

I/We also undertake that I/we have not been blacklisted by any Government Agency at any time. I/We enclose herewith the required documents.

Yours faithfully,

Signature of the bidder with Seal

Encl: List of documents

1. Tender Schedule
2. Annexure -I
3. Annexure -II
4. Annexure –III

**HYDROPONIC SYSTEM FOR GREEN LEAFY VEGETABLES**

<b>BOQ</b>				
Sr. no.	Item	Description	Quantity	Rate
1	Total area	Area : 96sqm Length : 16m Width : 06m Centre Height : 4.0m Side Wall Height : 2.5m  Shape : Hut Shape Buffer Room : 2.0m X 2.5m	01 Job	
2	Structure Steel Frame: Anti-corrosive, galvanized square pipe of ISI standard	Trusses : beam type 47x47 mm x 2mm thick and 38x38 mm x 2.0mm thick to bear wind/snow load strength with load capacity of 0-100 kg/sqm and resist wind speed of 0-150 kmph suitable for Temperate regions of Jammu & Kashmir Poles supports : 47mm x 47mm x 2mm thick Purlin : 38mmx 38mm x 2.0mm thick runners : 32mm x 32mm x 2.0 mm thick Support : 32mm x 32mm & 25mm x25mm x 2.0mm thick		
3	Doors	2 nos size 2.0m x 1m		
4	Cladding Materials Polycarbonate sheet specification	Thickness : 8mm triple walled Impact Performance : -40°C to +120°C Both side UV stabilized Sheet structure : 8/3 U.L Temperature Rating : 100°C K valve W/M2k 3,5 Light Transmission : 78-80% Excellent Thermal Insulation : 3.5 Safe Fire Performance : Self-extinguishing and difficult to ignite Fixing by aluminum striping, Thermal safety: silicon		
5	Cooling system : ECS	Frame: Coextruded aluminum bottom gutter, side & Top Gutter etc. Cooling media : Cellulose Pad size 6m x 1.5m x 100mm which give efficiency from 60 to 95% Miscellaneous : Fasteners, Galvanized, Rivet-Aluminum PVC pipe : 20mm/25mm/32mm with L& T Water tank : PVC Tank 1000 liters Mono block Pump : 1hp Slow speed axial flow fans - 2 nos.		

		<p>Body size : 1200x1200x400mm , Number of blades: 6nos</p> <p>Blade : ss304 grade, shutter: steel speed of propeller : 460RPM approx</p> <p>Voltage:380V/3-Phase/50HZ, Body Materials : Galvanized steel.</p> <p>Additional axial fan 600mm with SS blade to be installed above gutter ht</p>
6	Circulation Fan	<p>3 Nos. 20" made of high quality stainless steel, fixed/mount with cable above Gutter height in green house, totally enclosed GB motor, to ensure excellent performance of cooling by circulating inner air.</p>
7	Humidification system	<p>This is very important feature of the Green House for growing of plants to increase inside Rh.</p> <p>Micro fogging/misting : discharge range : 28l/p</p> <p><b>Head Control Unit</b></p> <p>Pattern: Hanging type : Pipe 16mm LLDPE color Black</p> <p>Motor: 1.0 HP Mono block pump: 1No. Filter Disc</p> <p>Tank : 100liter</p> <p>PVC Pipe : 32mm/25mm</p>
8	Automatic Control system	<p>Microprocessor based user friendly for Temperature humidity and light dual mode function installed in pre entry area, Power Input- 220-415 VAC, 50Hz. Three/Single phase, Ambient 5-50°C, RH up-to 90%</p> <p>a) Relative Humidity + Temperature Real Time Controller</p> <p>b) Timer for light</p> <p>c) Main switch (Rotary)</p> <p>d) Individual Indicator</p>
9	Shading	<p>Arrangement of manual motor operated screens of 50% shade net, Material: UV resistant materials, color Green</p>
10	Electrical Device	<p>High quality ISI approved fittings with copper multi strand twisted FR Grade wires and rigid standards of safety with proper MCB</p> <p>copper cable ISI Mark</p> <p>MCB ISI Mark</p> <p>LED Light ISI Mark</p>
11	Air curtain	<p>Size: 1m wide heavy duty air curtain with blowers made of high quality with 1 HP Motor and Double Blower system, powder coated finish at pre entry point with auto main ON/OFF operation at the time of door opening / closing (One number to be provided)</p>

12	Automation & Fertigation	IOT Controller Mobile App Based, Dosing Injector Flow Capacity 400 LPH Fertigation Unit 4+1 Venturi With EC PH Control, Air Blower, Screen Filter 7 M3/Hr, 1" Solenoid Valve PLA 75mm (2.5) Assembled DIS/SIS Pressure Relief VAL PL 63mm THR Water Meter TIR With Reed 2" MCC(Auto/Manual) Electrical Pump Panel & Distribution For Controller, Fertigation Machine & Stabilizer.		
13	Flat Type NFT System	UPVC Food Grade NFT channel, Open able type, Lead free, End Cap with spout & without spout, 2 Inch Net Pots, NFT Stand MS Powder coated adjustable 1.8 mtr x 1 mtr x 6 mtr With Plumbing in UPVC, Water Pump 3HP, 3 Phase for Flat type NFT with cyclic timer		
14	Clean Water Storage Tank	Water storage tank - 2000 LTR, HDPE, 3 Layer- Qty - 1 No. Mixing tanks-100 Lit HDPE,3 Layer-Qty-3Nos Main Fertigation tanks1000 Lit HDPE, 3 Layer - Qty-1 Nos.		
15	Pre Fabricator Room	The work consists of supply & execution of prefabricated Shelter of size 12M Length x 3M Width and 3.0 M Height.		
16	Civil Construction	Excavation- Manual Excavation of 40cm deep below ground level having a width of 50cm. PCC : Lying of 1:5:10 mix on excavated of 4" thickness Foundation : Cemented concrete foundation (1:2:4) mix 2' below ground level and one feet above ground level Wall: Made of RR stone/cemented block 23cm width 40cm above and 30cm below GL 1:6 (1Cement : 6 fine sand ) Plastering : 1:6 (1cement : 6 fine sand) Flooring: Cement concrete in (1:2:4) mix of 50mm thick in Entire Hi-tech Green House.		
17	Maintenance of the Hydroponic System	1 <sup>st</sup> Year		
		2 <sup>nd</sup> Year		
		3 <sup>rd</sup> Year		
	Total Amount (including GST)			