



Office of the Chief Executive Officer Shri Mata Vaishno Devi Shrine Board,

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

No.CO/Pur/Elect/194-XI/918

Dated: 01.07.2025

Request for Inviting Quotations (RFIQ)

For and on behalf of Shri Mata Vaishno Devi Shrine Board; through Chief Executive Officer (herein after referred as SMVDSB), offers are hereby invited from reputed manufacturers / distributors / dealers only for **“Comprehensive Annual Maintenance Contract for 16 Nos. Water Vending Machines (Water ATMs) installed at various locations of the Shrine Board at Katra, Jammu and enroute the track”** for a period of 02 years, extendable upto 5th year per annum basis as per specifications mentioned in **Annexure “A”**.

Terms and Conditions:

1. **This is just a RFIQ and not a Purchase Order.**
2. Donations to Shri Mata Vaishno Devi Shrine Board, Katra are exempted from Income Tax under Section 80-G of the Income Tax Act.
3. **Last date of submission of sealed quotation**
By or before **10.07.2025 upto 02:00PM** at Central Office, Katra through Speed Post / Registered Post / reputed courier / by hand. No quotation shall be entertained after the due date and time.
4. **Validity:**
The validity of quotation should be 20 days from the last date prescribed for submission.
5. **Documents to be submitted:**
 - a. EMD in original, in case of CDR / FDR / TDR or copy of NEFT/RTGS, in case the EMD is transferred to SB's account.
 - b. Copy of GST Certificate
 - c. Copy of RFIQ duly signed and stamped.
 - d. Relevant Experience in similar field.
6. **Earnest Security Deposit (EMD):**
 - a. The participating firm shall have to furnish the EMD in the shape of CDR/FDR/TDR amounting to **Rs. 90,000/- (Rupees Ninety Thousand only)** pledged to FA/CAO, SMVDSB payable at Katra alongwith the offer. The participating firms may also deposit the EMD amount through NEFT/RTGS in the official A/c of Shri Mata Vaishno Devi Shrine Board, Bank Name: The J&K Bank, Account No. Account No. 0235040500001804, IFSC – JAKA0KATTRA (“0” Zero). EMD in the shape of Demand Draft shall not be accepted. **Also, no exemption for non submission of EMD is allowed.**
 - b. It shall be noted that if any bidder did not enclose EMD (in original) of stipulated amount or furnish CDR/FDR of an amount less than the stipulated amount as mentioned, the bid/offer submitted by the firm shall be rejected outrightly and the rates of the said firm shall not be considered even after opening.
7. **Security Deposit:**
 - a. Before the issuance of Letter of Award (LoA), the successful bidder shall have to furnish **Security Deposit @10% of the Total Contract Value** in the shape of CDR/FDR duly pledged to FA/CAO, SMVDSB payable at Katra. The firm may also deposit the Security Deposit amount through NEFT/RTGS in the official A/c of Shri Mata Vaishno Devi Shrine Board, Bank Name: The J&K Bank, Account No. Account No. 0235040500001804, IFSC – JAKA0KATTRA (“0” Zero). The same can be withheld / forfeited, in full, or in part, in case the work order is not executed satisfactorily, during the stipulated time period.
 - b. The EMD of the successful bidder shall be released after the issuance of LoA.
8. No escalation in the basic rate of item shall be allowed by SMVDSB during currency of Contract. If the rate of GST is increased/ decreased or a new tax is introduced or an existing tax is abolished or any change in interpretation or application of any tax occurs in the course of performance/evaluation of contract, which was or will be assessed on the bidder in connection with the performance of the contract, an equitable adjustment of the contract price shall be made to fully take into account any such change by addition to the contract price or deduction there from as the case may be.
9. **Rates:**
 - i. The Rates should be quoted at the prevailing GST Rate without which the bid shall be rejected. The rates quoted for AMC of Water Vending Machines must be as per the format enclosed **as per Annexure “A”**.
 - ii. The supplier shall have to mention the **GST No. 01AAETS9822J1ZC** of Shri Mata Vaishno Devi Shrine Board Katra while raising their bill of supplies. While filling GSTR-I, the supplier shall

classify the supply / service made to Shrine Board under Business to Business (B to B) Sales. The successful bidder shall also mention six digit HSN code of the material to be supplied. In case the successful bidder doesn't upload / mention the bill under B to B, the GST amount levied in the bill shall not be paid.

- iii. The supplier shall file GSTR1 and 3B within the due dates prescribed under the CGST / SGST ACT 2017 so as to enable SMVDSB to claim timely input credit. In case of default, Interest @ 2% per-month of tax amount shall be charged and recovered from the defaulting supplier.
- iv. In case the successful bidder is filling GST return on quarterly basis he must file the Invoice Furnishing Facility (IFF) on monthly basis for Bills to Shrine Board.
- v. After the successful culmination of RFIQ, if the approved firms refused to comply with the work order on account of any reason, the same firm/firms shall be debarred from further dealing with the Board for a continuous period of **05 years** and the Earnest Money / Security Deposit of the firm shall be forfeited.

10. The rates should strictly be quoted **on the LETTER HEAD as per price bid format**, specification / UOM / requirement of SMVDSB. No change shall be made in the Price Bid Format enclosed by the bidder. Any deviation from the same shall tantamount to rejection of the offer / rates quoted by you. The quotation / offer should be filled neatly without any cutting/over writing. In case of any cutting / overwriting, the rates shall not be considered. **{“It is advised that the quotation shall be submitted in a computerized typed format”}**

11. AWARD OF WORK:

- a. The initial contract is for 02 years, extendable upto 5 years on per annum basis, subject to satisfactory performance and certificate by the Engineering Incharge / Unit Head.
- b. The date of completion of Contract of all the Water ATMs shall be same irrespective of the different date(s) of handing over of Water ATMs.
- c. The cost of manpower, spares etc. shall be included and remain static throughout the contract period.

12. SITE VISIT / SITE INVESTIGATION:

- i. The Bidders are advised to visit and examine the physical condition of the Water Vending Machine and all geographical / topographic / climatic and technical details that may be necessary for submitting the quotation and entering into the Contract. The costs of any such visits shall be entirely at the Bidder's own expense. The Bidders are requested to satisfy themselves regarding the availability of requirement of electricity, nature and location of work, the character, quality and quantity of the materials, the character of equipment and facilities needed preliminary to and during the progress of the Operation & Maintenance (O&M) of the works, hindrances and/or the general and local conditions, the labour conditions prevailing therein and all other matters which can in any way affect the works under the Contract. The Bidder shall have taken into consideration the financial effect of any or all of the above factors while quoting in the Financial Bid. No compensation will be given on account of ignorance of any of the factors during execution of the works.
- ii. The detail of Water Vending Machines location wise is enclosed as **Annexure “B (i)”** and the detail / list of equipments installed in respective Machines is enclosed as **Annexure “B (ii)”**.
- iii. The Shrine Board shall not be responsible and shall not pay for any expenses, which may incurred to the Bidder to person or property in connection with visits and examination of the site and in the preparation of his Bid Document for submission.

13. CONFIDENTIALITY:

Notwithstanding anything contained in this Bidding document but subject to the provisions of any other law for the time being in force providing for disclosure of information. The Bidder shall not disclose any information if such disclosure is likely to:-

- i) Impede enforcement of any law;
- ii) Affect the security or strategic interests of SMVDSB;
- iii) Affect the intellectual property rights or legitimate commercial interests of Bidders;
- iv) Affect the legitimate public interests.
- v) Considering the sensitivity & security aspect of the Shrine area, the Contractor shall submit an Affidavit to the Shri Mata Vaishno Devi Shrine Board that he shall not reveal any design, drawing, layout plan, site photographs etc. and other related information of the Shrine and the project with any of the third party without the prior approval of SMVDSB.

14. DISQUALIFICATION BASIS OTHER THAN QUALIFYING CRITERIA:

Even though the Bidders meet the qualifying criteria, they are liable to be disqualified if they have:

- i. Made misleading or false representation in the forms, statements and attachments submitted in proof of the qualification requirements.
- ii. Records of poor performance such as abandoning the work, not properly completing the contract, inordinate delays in completion, litigation history or financial failures etc.
- iii. Banned by any Central/State Govt. Department/Public Sector Undertakings or Enterprises of Central/State Govt.
- iv. Not attached all the supporting documents or not furnished the relevant details as per the prescribed format in the e-NIT.
- v. Submitted any information, which found incorrect at the later stage, the Bidder/ Bidding Firm shall be liable to be debarred from further bidding in SMVDSB, and the Contract shall be cancelled by the competent authority of SMVDSB along with forfeiture of security amount.

The participating Bidder shall be liable for disqualification if found that he has furnished misleading or false information or deliberately suppressed the information in the forms, statement and enclosures required in the Document and have record of poor performance such as abandoning work, leaving Contract incomplete or financial failures / weaknesses etc.

15. MANPOWER:

- i. The successful Bidder shall provide manpower including Project Manager / Supervisor as per the requirement during the validity of Contract (detail of staff to be attached). The successful bidder has to submit the detail of manpower to be deployed along with qualification and experience. However, the minimum manpower as per the following shall have to be maintained throughout the contract 24x7:-
 - a. Project Manager / Supervisor: - **01 No.**
 - b. Technician cum Operator:- **03 Nos.**
(01 No. each at Jammu / Katra / enroute Track to Bhawan)
 - c. However, leave replacement of any employee shall be the sole responsibility of the contractor.
 - d. The manpower to be provided shall remain at the disposal of Mechanical Wing of SMVDSB. However, the maintenance of the water vending Machines 24x7 shall remain the sole responsibility of the firm.
 - e. The Shrine Board reserves the right to increase or decrease the manpower as per the requirement on pro-rata basis.
- ii. The technical manpower provided by the contractor should be well trained and competent to operate / repair / maintain the system to ensure its seamless functioning (24x7).
- iii. All the manpower should follow the dress code and display identity card of the firm and must wear all safety equipments while working at site.
- iv. The manpower deployed by the Contractor will have to maintain discipline and obey the directions of the SMVDSB authority during the contract period.
- v. The Contractor shall be bound to provide the replacement of staff/person who are not found suitable and capable by the SMVDSB for any reason, immediately on receipt of such request from the SMVDSB.
- vi. The entire team member cannot be withdrawn / changed at a single point of time. In case of need to change any of the Technical Team Members during the contract period, the prior intimation/permission about change is required to be obtained from the SMVDSB. The change of staff can be allowed with the staff of equal or higher technical qualification only.
- vii. If at any point of time, any person is absenting from the duty, a suitable substitute shall join his duty immediately.
- viii. The contractor shall be responsible to get the character and antecedents of the persons verified by the Police Department. The authenticated copies of the Police verification certificates of the persons, who are to be included in the technical team shall be submitted by the firm, well in time.
- ix. The role based responsibility of each of the Technical Team Member deployed for repair / maintenance and monitoring shall be defined.
- x. The firm shall ensure fulfilment and compliance of all safety, security and other rules being governed in SMVDSB in letter and spirit.
- xi. The firm shall have to ensure compliance of all laws and benefits applicable under the prevailing labour law.

16. ACCOMODATION:

The manpower to be deployed by the firm shall have to be remained present at the respective locations 24x7 and the Shrine Board can provide a suitable accommodation on the prevailing approved rates. The rates are subject to revised as per the revision in the SMVDSB.

17. SAFETY OF MANPOWER & INSURANCE:

- a. The successful bidder shall arrange, secure and maintain insurance as may be necessary and for all such amounts to protect his risks as detailed herein. The successful bidder shall insure all his staff and workers / labour working at site against injury, loss of life etc. and no claims of compensation whatsoever shall be entertained by the SMVDSB in this regard. The successful bidder shall indemnify the SMVDSB against all such claims.
- b. The workers employed on electrical installations to be provided with insulating mats, protective apparels (such as Gloves, Sleeves, Boots etc.) by the successful bidder, as may be necessary.

18. PAYMENT:

- i. No advance payment shall be made.
- ii. The payments shall be made in equal proportions of the contract value on quarterly basis against Tax Invoice, subject to satisfactory performance, duly certified by the designated Engineering Incharge / Unit Head.

19. Experience Criteria: The participating firm must possess the following experience:

- i) The participating firm(s) should have regularly for atleast last three years ending 31st March of the previous financial year, manufactured / supplied the Water Vending Machines with the same or higher specifications as per Annexure – A (Purchase orders to be attached)
- ii) Atleast 01 year experience for providing Annual Maintenance Services in respect of Water Vending Machines.

20. MAINTENANCE OF WATER VENDING MACHINES:-

- a. The Successful firm should have back to back Support & Service Centres of OEMs having its owned service centre.
- b. The successful Bidder shall have to setup a store with original stock / spares & accessories (in tested & adequate quantities) of the maintenance of Water Vending Machines at Katra separately as contingency reserve for immediate repair and maintenance / replacement in the Water Vending Machines. The Bidder shall maintain this stock throughout the contract period without any extra cost to Shrine Board.
- c. The cost of the consumables, spare parts and testing equipments are deemed to have been included in the Contract Price for the Comprehensive Maintenance during the entire Contract Period.
- d. The successful firm shall keep available & stationed his technically qualified team on the SMVDSB track during the entire contract period, who are competent to repair / maintain and carry replacement of parts / goods (wherever required) of the Water Vending Machines independently.
- e. The technical team staff shall be as per requisite technical qualifications and standards of the trade.
- f. The staff so provided will have to maintain discipline and obey the directions of the SMVDSB authority during the contract period.
- g. The successful firm shall ensure that all Preventive Maintenance works are properly carried out with minimum interruption to the operation of the Water Vending Machines.
- h. The successful firm shall do preventive maintenance on daily / weekly / fortnightly / monthly / quarterly / half yearly and yearly basis includes all cleaning, lubrication, inspection, testing, calibration, focusing of field equipment, checking of cable insulation, checking for corrosion of metal support, painting / vinayal sheets to save from rusting, checking of cable clamps and replacements if so needed as well as necessary alignment to prevent failures and submit a monthly report in this regard to the concerned Unit Head / Engineer Incharge. Replacement of any such components / vinayal sheets in part or complete shall be the sole responsibility of the firm, and the rates of the same have deemed to be included in the Bid.
- i. The successful firm shall do maintenance with all set standards & keep specified tools and

- tackles with the technical team (24x7).
- j. The successful firm shall repair all faulty components from the authorized service centres of approved OEMs only.
 - k. The successful firm shall liaise with the OEMs for ensuring the smooth functioning (24x7) of components during the entire contract period.
 - l. Any Preventive Maintenance work carried out shall not cause any disruption to the operation of System and all the communication links. In the event that any System downtime is required during Preventive Maintenance Work, the successful Bidder shall seek SMVDSB approval prior to carrying out such works.
 - m. Maintenance Standards: The successful firm shall attend immediately to any faults came into his notice or reported to him by the client. The response time and repair time shall not exceed the time
 - n. The successful firm shall arrange accommodation at his own for the manpower deployed during Contract Period. However, the SMVDSB can provide accommodation (on payment basis) on the request of successful Bidder and subject to the availability. Safety & Security of the Stores / Spares shall be the sole responsibility of the successful Bidder.
 - o. In case of non-availability of any approved Makes / Brands of any of the components due to end of life or any Force Majeure situations, the successful Bidder may be allowed for replacement of faulty parts of reputed makes / brands of the similar specifications, subject to the approval of the technical team of SMVDSB.
 - p. The successful firm shall maintain the water quality as per standard parameters enclosed as Annexure – 24x7 and shall conduct the necessary tests as prescribed at **Annexure “C (i) & (ii)”** on quarterly basis and submit the report to the concerned Engineering Incharge/ Unit Head by or before 5th of every month of each sector i.e. Jammu, Niharika, Railway Station Katra, SKC Colony Ballani, Gurukul, Adhkuwari & Bhawan. In case of any short fall, the functioning of Water Vending Machine shall be stopped immediately till the improvement of the Water quality and penalty as prescribed in the document shall also be levied for the instance case.
 - q. If the system is found damaged / defective due to non-maintenance, the cost for correcting the breakdown system will be deducted from the payment due to the firm / security deposit.
 - r. SMVDSB has right to conduct water quality of any water vending machines by randomly testing at reputed and approved Labs and the cost of test shall be borne by the successful bidder.

21. Penalty:

- i. If any part of the system goes out of function because of any reason / fault of components, the same has to be addressed / repaired / replaced from the available stock immediately, failing which the penalty as per the following will be imposed on Bidder on the recommendation of Engineer Incharge, SMVDSB:-
 - a. Rs. 1,000/- (if not replaced / repaired in 24 hours)
 - b. Rs. 2,000/- (if not replaced / repaired in 03 days)
 - c. Rs. 3,000/- (if not replaced / repaired in 05 days)
 - d. Rs. 5,000/- (if not replaced / repaired in 07 days)
 - e. Beyond the period of 10 days, the penalty will be imposed as per the discretion of Engineer Incharge, SMVDSB. The penalty amount will be deducted from any amount due to the Bidder.
- ii. Any misconduct or non compliance of contractual obligations as prescribed in the contract will attract a penalty of Rs. 1,000/- per event.

22. FORCE MAJEURE:

Any failure or omission to carry out the provisions of the order shall not give rise to any claim by one party against the other, if such failure or omission arises from an "Act of God" which shall include all acts of Natural Calamities such as fire, flood, earthquakes, hurricanes, pandemics or any pestilences or from civil strikes, compliance with any statute or regulations of the Government lock outs and strikes, riots, embargoes or from any other reasons beyond the control of the parties including the war (Whether declared or not) Civil War or State of Insurrection.

23. JURISDICTION / ARBITRATION:

All the disputes are subject to Jurisdiction in the Court of Law at Reasi / Katra. All questions relating the arbitration shall be determined in accordance with provision of Arbitration & conciliation Act, 1996 and the competent Court in Jammu shall be the Principal Court for the purpose of jurisdiction.

24. SMVD Shrine Board reserves the right to:

- a) Cancel the RFIQ without any prior notice.
- b) Negotiate the quoted rates, terms and conditions with the lowest bidder or any of the other bidder to ascertain the suitability of the acceptable offer.
- c) Procure the material on Quality Basis.
- d) Reject, accept or prefer any quotation in part or full without assigning any reason whatsoever at any stage
- e) Re-invite the quotations at its sole discretion.

25. The broad terms and conditions have been included. However, other standard terms and conditions of supply may be incorporated in the Purchase Order to be issued in due course.

26. PROCEDURE FOR SUBMISSION OF BID:

The firm shall submit the **Price Bid** on their letter head as per **Annexure "A"**, in a sealed envelope super-scribed "**QUOTATION FOR CAMC of Water ATMs**" against **RFIQ No. CO/Pur/Electric/194-XI/918** dated: **01.07.2025** which shall contain all relevant details / documents.

- a) All such offers, along with the terms and conditions duly signed, and enveloped as described above, must be submitted in person in the office of the SMVDSB, Katra by 3:00 PM (1500 hrs) on **10.07.2025**. Alternatively the sealed offer may be sent by Registered Post /Speed Post/ Courier addressed to the office of the Chief Executive Officer, Central Office, Jammu Road, Katra (J&K) - 182301 so as to reach by 3:00 PM (1500 hrs) on **10.06.2025**. The offer(s) received after the due date and time shall not be considered under any circumstance.
- b) The quotations shall be opened by the Committee, at the Office of Chief Executive Officer, SMVDSB, Katra in the presence of the bidders who may choose to be present.
- c) The Shrine Board shall not be responsible for any postal delay. Any conditional offer OR offers which are not appropriately sealed as per the format, as explained above, OR offers received after the stipulated date and time, shall not be entertained. Any cutting or overwriting in the Documents will also make the bid liable for rejection.

27. One copy of the RFIQ document duly signed and stamped accepting the terms and conditions shall also be enclosed alongwith the offer.

Sd/-
(Vipan Bhagat, JKAS),
Asstt. Chief Executive Officer

Seal & Signature of the bidder

PRICE BID*(on the letter head of the firm)*

The Asstt. Chief Executive Officer (VB),
Shri Mata Vaishno Devi Shrine Board,
Katra.

Subject: **Quotation for CAMC of Water ATMs.**

RFIQ No. **CO/Pur/Elect/194-XI/918** dated: **01.07.2025**

Sir,

I, _____ representative / proprietor of M/s _____ hereby submit my following rate as per the specifications / UOM / requirement of Shrine Board, **NET rates inclusive of GST and other**

Taxes :-

Description of items	Qty.	AMC Charges per machine per month (including manpower expenses and all taxes).
AMC cost of each Water Vending Machine (Water ATM) installed at different locations of the Shrine Board at Katra / Jammu and enroute Track including repair / replacement / service of Inverter / batteries / spare parts / and replacement of Vinyl sheets including manpower expenses (03 No.-Technicians) + 01 No. (Supervisor / Project Manager)	16 Nos.	

Notwithstanding anything mentioned in our price bid, we hereby accept all the terms and conditions mentioned in the RFIQ which are being signed in token of my acceptance. We hereby undertake and confirm that I/we have understood the specifications properly and shall supply the material as per the required / higher specifications to SMVDSB.

I further affirm that in case, I fail to abide-by the conditions or upto the entire satisfaction of the Shrine Board; I shall be liable to the penalties under rules. I further hereby declare that my firm is not blacklisted.

Yours sincerely,

Seal & Signature _____

M/s _____

Contact Person: _____

Contact No. _____

E-mail Id: _____

- **Please read all the contents of the RFIQ before the submission of the quotation.**



**Office of the Chief Executive Officer
Shri Mata Vaishno Devi Shrine Board,**

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

Annexure “B (i)”

Area / Location-wise detail of Water ATMs

List of Water ATMs to be handed over to the successful firm immediately after the issuance of LoA:

S. No.	Sector / Area	Name of the Unit	Qty.
1	Jammu	Vaishnavi Dham (150 Ltrs capacity each)	04 Nos
2		Saraswati Dham ((150 Ltrs capacity)	01 No.
3	Katra	Niharika Complex (150 Ltrs capacity each)	04 Nos
4		Yatra Facilitation Centre, Railway Station, Katra (150 Ltrs capacity)	01 No.
5		Central Office (250 ltrs capacity)	01 No.
6	Banganga	SKC Colony, Ballani (150 ltrs capacity)	01 No.
7		Gurukul Phase-I (250 Ltrs Capacity)	01 No.
8	Bhawan	Sky Walk (250 Ltrs capacity)	01 No
10	Adhkuwari	Sheetla Bhawan ((250 Ltrs capacity)	01 No.
Total			15 Nos

Water ATM to be handed over to the successful firm after the completion of warranty period(s):

S. No.	Sector / Area	Name of the Unit	Qty.
1	Adhkuwari	Langar Sheetla Bhawan ((250 Ltrs capacity) Warranty expiry date : 01.10.2025	01 No.

Sd/-
(Vipan Bhagat, JKAS),
Asstt. Chief Executive Officer



Office of the Chief Executive Officer Shri Mata Vaishno Devi Shrine Board,

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

Annexure “B (ii)”

List of Equipments in Water ATMs installed at

- 1. Vaishnavi Dham, Saraswati Dham, Jammu & Yatra Facilitation Centre, Katra**
 - i. SS Structure with Flex
 - ii. Water Cooler
 - iii. Geyser
 - iv. Pressure Tank
 - v. Dispensing Pump
 - vi. Life Straw Ultra Filtration System which includes Mesh Filter, Carbon Filter and ultra filtration membrane (02 Nos)
 - vii. SS Tank
 - viii. SS taps
 - ix. Plumbing Accessories
 - x. Ph, TDS Meter
 - xi. Electrical Accessories

- 2. Niharika Complex, Katra**
 - i) SS Structure with Flex
 - ii) Water Cooler
 - iii) Geyser
 - iv) Booster Pump
 - v) Sediment Filter, Activated carbon Filter
 - vi) UF Membrane
 - vii) Ozonator
 - viii) SS Tank
 - ix) Plumbing Accessories
 - x) Ph, TDS Meter
 - xi) Water Pump
 - xii) Pre Filters
 - xiii) Electrical Accessories

- 3. SKC Colony, Ballani**
 - i) SS Structure with Flex
 - ii) Water Cooler
 - iii) Geyser
 - iv) Dispensing Pump
 - v) Life Straw Ultra Filtration System which includes Mesh Filter, Carbon Filter and ultra filtration membrane (02 Nos)
 - vi) SS Tank
 - vii) SS taps
 - viii) Plumbing Accessories
 - ix) Ph, TDS Meter
 - x) Electrical Accessories

- 4. Skywalk Bhawan, Adhkuwari, Gurukul & Central Office, Katra**
 - i) SS Structure with Flex
 - ii) Water Cooler
 - iii) Geyser
 - iv) Booster Pump
 - v) Sediment Filter, Activated Carbon Filter
 - vi) UF Membrane
 - vii) UV membrane
 - viii) SS Tank
 - ix) Plumbing Accessories
 - x) Ph, TDS Meter
 - xi) Water Pump
 - xii) Pre-filters
 - xiii) Electrical Accessories
 - xiv) Inverter
 - xv) Battery

Sd/-
(Vipan Bhagat, JKAS),
Asstt. Chief Executive Officer



**Office of the Chief Executive Officer
Shri Mata Vaishno Devi Shrine Board,**

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

Annexure- C (i)

OUTPUT WATER QUALITY AS PER BIS 14543

S.No.	Description	To comply
Every Hour Test		
1	Colour	2 Max.
2	Odour	Agreeable
3	Taste	Agreeable
4	Turbidity	2 NTU Max.
5	pH	6.5 to 8.5
Four Hourly Test		
1	Total Dissolved Solids (TDS)	500 ppm Max
Each Control Unit Tests		
1	Barium	1 ppm Max.
2.	Copper	0.05 ppm Max.
3	Iron	0.1 ppm Max.
4	Manganse	0.1 ppm max.
5	Nitrate	45 ppm Max.
6	Nitrite	0.02 ppm max.
7	Zinc	5 ppm Max.
8	Aluminium	0.03 ppm max.
9	Chlorides	200 ppm max.
10	Sulphate	200 ppm max.
11.	Calcium	75 ppm max.
12	Sulphide	0.05 ppm max.
13	Alkalinity	200 ppm max.
14	Phenolic Compounds	Absent
15	Mineral Oil	Absent
16	Magnesium	30 ppm max.
17	Residual Free Chlorides	0.2 ppm max.
18	Anoin Surf Act Agents	0.2 ppm max.
19	Escherchia Coli	Absent
20	Coliform Bacteria	Absent
21	Sulphite Reducing Bacteria	Absent
22	Pseudomonas Aeruginosa	Absent
23	Aerobic Microbial Count	20, Max at 37° C & Max at 20-22° C
24	Yeast & Mould	Absent

Sd/-
(Vipan Bhagat, JKAS),
Asstt. Chief Executive Officer



**Office of the Chief Executive Officer
Shri Mata Vaishno Devi Shrine Board,**

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

Annexure- C (ii)

Physical & Microbial Test (s)

S.No.	Description	To Comply
Weekly Test		
1	Antimony	0.005 ppm max.
2	Borate	5 ppm max.
Monthly Tests		
1	Fluoride	1.0 ppm max.
2	Silver	0.01 ppm max.
3	Sodium	200 ppm max.
4	Selenium	0.01 ppm max.
5	Faecal Stretococci & S. Aureus	Absent
6	Salmonella & Shingella	Absent
7	V. Cholera & V. Parahaemolyticus	Absent
Three Monthly		
1	Mercury	0.001 ppm max.
2	Cadmium	0.001 ppm max.
3	Arsenic	0.05 ppm max.
4	Cynide	Absent
5	Lead	0.01 ppm max.
6	Chromium	0.05 ppm max.
7	Nickel	0.02 ppm max
8	Polychlorinated Biphenyl	Not detectable
9	Polynuclear Aromatic Hydrocarbon (PAH)	Not detectable
Six Monthly		
1	Pesticide Residue a) Individually b) Total	0.1 ppb max. 0.5 ppb max.
Two yearly		
1	Alpha Emitters	0.1 Bq/ Litre Max.
2	Beta Emitters	1.0 Bq / Litre Max.
Packing		
1	Packing Material a) Overall Migration b) Colour Migration	60 Mg / Litre Max. 10 Mg/ Litre Max.
2	Container	Conformity to IS 15410

Sd/-
(Vipan Bhagat, JKAS),
Asstt. Chief Executive Officer