



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

Request for Inviting Quotation

M/s _____,

Sir,

SMVDSB intends to purchase Water ATMs with RO capacity as per specifications mentioned at **Annexure “B”**. You are, as such, requested to kindly send your sealed quotation as per **Annexure “A”** for the **“Supply, Installation, Testing and Commissioning (SITC) including Operation & Maintenance during the Defect Liability Period (DLP) of one year at respective site(s)”** as per the terms and conditions mentioned below.

The sealed quotations addressed to the Undersigned should reach this Office through speed post / registered post / or can be delivered by hand at Receipt & Dispatch Section, Central Office of SMVDSB, Katra by or before **15.01.2024 upto 03:00pm**. The quotations shall preferably be opened on the same day or on any other day convenient to the undersigned, in presence of the representative of the firms who choose to remain present. The detail of the same is as under:-

S.No.	Description of item	Qty.	Location (s) for SITC including O&M
1.	Water Vending Machines 250 LPH (Kiosk)	04 Nos.	01 No. each at ➤ Central Office, Katra ➤ SMVD Gurukul, Charanpaduka ➤ Staff Quarters at Adhkuwari ➤ Waiting Hall Skywalk at Bhawan

Following particulars must be mentioned on the envelope containing your quotations:

RFIQ- “Water ATM with RO capacity”

NOT TO BE OPENED BEFORE 15.01.2024 (upto 03:00 pm)

RFIQ No.: CO /Pur /Elect/194-X/ 4312 Dated: 04.01.2024

Terms and Conditions:-

1. Rates quoted should be net inclusive of all taxes and should be valid for a period of minimum **Six (06) months** from the date of issuance of Purchase Order along with special discount to Shri Mata Vaishno Devi Shrine Board and F.O.R. at Engineering Store, Banganga, Katra and then installation and commissioning at respective Site(s).
2. The RFIQ shall contain full address, Telephone No. along with alternate No. and e-mail address of the Bidder (Authorized supplier).
3. The Shrine Board reserve the right to:
 - a) Cancel the R.F.I.Q. without any notice.
 - b) Reject, accept or prefer any quotation in part or full without assigning any reason whatsoever at any stage.
 - c) Re-invite the quotations at its sole discretion.

- d) Negotiate the quoted rates, terms and conditions with the lowest Bidder or any of the other Bidders who have participated in the RFIQ to ascertain the suitability of the acceptable offer.
- e) Split the demand among one or more firms.
4. Kindly quote / mention the **name of the brand / make / Warranty / Guarantee along with proper specifications** offered by you as per technical specifications.
5. **The successful bidder has to design, supply, install & commission the Water Kiosks during the Defect Liability Period (DLP) of One Year with Operation & Maintenance.** The successful bidder will maintain a safe, clean and hygienic environment in and around the Water Kiosk.
6. The successful bidder shall provide trained manpower to maintain & operate the Water Kiosks to ensure the provision of quality services during the DLP.
7. The disposal of waste generated at each KIOSK shall be disposed by the successful bidder at his own cost to the nearest SMVDSB system. In case of Non-performance, severe penalties would be levied on the Successful bidder by SMVDSB as applicable.
8. The successful bidder shall perform all routine maintenance to ensure that all Water Kiosks shall remain in working conditions as per specifications.
9. The output purified water shall be distributed daily 24 hours from Water Kiosks.
10. **Penalty in case of Non-performance:-**
In case of non-performance of more than or equal to 24 hours continuously, 1 day non-operation will be considered and penalty will be levied as mentioned below:-
- i) In case, the quality of water is not as per BIS 14543 standard, the KIOSK operation of dispensing water should be stopped immediately. SMVDSB will impose a penalty of Rs.1000 for each such event at the Water Kiosk concerned.
- ii) Penalty in case of Non-operational beyond 24 hours with respect to each KIOSK shall be Rs. 500/- per day / per KIOSK upto 30 days after then Shrine Board may have right to cancel the contract & forfeit the security deposit of the firm
11. **The successful bidder (only) shall have to furnish Earnest Money Deposit (EMD), having validity of one (01) year, in the form of CDR/FDR amounting to Rs. 50,000/- (Rupees Fifty Thousand only) drawn from any Nationalized / scheduled Bank duly pledged to the FA/Chief Accounts Officer, Shri Mata Vaishno Devi Shrine Board, Katra. The same shall be refunded after the completion of contract period (DLP), subject to the satisfactory performance report / NOC received from concerned Engineer Incharge, SMVDSB / ES, Banganga.**
12. Conditional, illegible, ambiguous quotation(s) and quotation(s) received after the stipulated date and time shall be out-rightly rejected.

Sd/-
(Vishavjeet Singh), JKAS
Dy. Chief Executive Officer

PRICE BID
(On the letter head of the firm)

To,

The Dy. Chief Executive Officer (V),
Shri Mata Vaishno Devi Shrine Board,
Katra.

Subject: **Quotation for SITC of Water Vending Machines.**

RFIQ No. CO/Pur/Elect/194-X/4312 dated: 04.01.2024

Sir,

I, _____ representative / proprietor of M/s _____ hereby submit my following rates as per the specification / UOM / requirement of Shrine Board, **NET rates inclusive of GST, freight, loading / unloading and other taxes / charges F.O.R. Engineering Store, Banganga, Katra & then installation, testing & commissioning at respective site(s):-**

S.No.	Description of items	Qty.	Net Rate (FOR, Engineering Store, Banganga, Katra including Design, installation, testing & commissioning including O&M during DLP at respective sites.)
1.	Supply, Installation, Testing and Commissioning of Water Vending Machines (Water ATMs) 250 ltrs capacity each as per specifications mentioned at Annexure “B”, “C” & “D” including defect liability period of one year 01 No. each at : ➤ Central Office, Katra ➤ SMVD Gurukuk, Charanpaduka ➤ Staff Quarters at Adhkuwari ➤ Waiting Hall Skywalk at Bhawan	04 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.

Seal & Signature _____

M/s _____

Contact Person: _____

Contact No. _____

E-mail Id: _____

Technical Specifications of the Water Vending Machines (Kiosk)

S.No.	Specifications	Preferred
1.	Purification / Filtration Technology	Ultra filtration Technology based on mechanical Self cleaning
2.	Purification Stages	5 stages process (Sediment / Micron Filter, Activated Carbon Filter, Anti-fouling / Chemical dosing, Ultra-filtration (UF) unit, Silver ionization System) + rest optional (UV Ozonation) and suitable ECO-Friendly process system for keeping treated Storage Tank Aspetic.
3.	Brands / Makes of UF Membrane	Permionics / Life Straw
4.	Brands / Makes for Motor / Pump	Kirloskar / Grundfos / CRI
5.	Capacity	Purification capacity: 250 ltrs / hours / (LPH) of purified water; Three (03) storage tanks [warm (50 ltrs), normal (120 ltrs) & cold (80 ltrs)]
6.	Body Material	Entire Body SS 304 in between Polyurethane Foam (PUF)
7.	Dimensions	As per Site Availability
8.	No. of Taps	03 (01 for normal water, 01 for cold water, 01 for Luke warm water)
9.	Type of taps (Sensor / touch based)	SS Non-contact Nozzles (concealed in front panel)
10.	Dispensing Method	Dispensing pump and dispensing solenoids
11.	Optional features, if any	Jai Mata Di Neon Sign Digital Electrical Logo installed on front (Design approved by Shrine Board)
12.	MOC of internal Water Storage Tank	Stainless Steel
13.	Nozzles used	SS with Soft Flow
14.	Push Buttons	Preferably Metallic with good quality.

A. Filling Speed: about 2-5 liter/ minute/tap

B. Operational Time- 24 hours

C. KIOSK Unit Dimension: Cubical /cylindrical in shape with base areas upto 30 sq. feet (i.e. upto 2-79 sq. meter) with the prior approval of SMVDSB.

D. The KIOSK shall have the provisions for Solenoid Valve for Automatic overflow control.

E. Specifications for the KIOSK Unit and Development of Site.

1. General requirements.

- b. General requirements and specifications for KIOSK Unit- space requirement for accommodating system
- c. Maximum covered area of KIOSK Unit shall be 30 sq. ft (i.e. 2.79 sq. meter).
- d. The final drawing design submitted by Successful bidder shall be approved by SMVDSB.

- e. It is mandatory for every bidder to submit layout plan showing the above maximum area requirement along with their bids. Bids of the bidders not complying with this area liable to be rejected.
- f. Water Storage Tank shall be placed inside the KIOSK Structure.
- g. The successful bidder shall keep the provision of sufficient power backup (minimum 3 hours) for dispensing stored water in case of power failure.

2. Unit of KIOSKs:-

- a. KIOSK Housing structure shall be of Stainless Steel (minimum Grade 304) with puff in between.
- b. Thickness of Stainless Steel (Inner & Outer) should be minimum 0.5mm duly filled with puff of 40 to 50 mm thickness. The outer design should aesthetically get with the surroundings.
- c. Ensure the structural stability and safety of the KIOSKs.
- d. The structure should be appropriate to protect the whole KIOSK system, including its equipment and accessories in all weather conditions and it should withstand the extreme climatic variations of Katra.
- e. The KIOSK should be provided with Jai Mata Di Neon Sign Digital Electrical Logo of appropriate size installed on front of Water KIOSK as per the design approved by SMVDSB.

F. CONSTRUCTION REQUIREMENT FOR WATER KIOSKS:-

- a) The successful bidder shall design KIOSK's in such a way that material considered for design and construction should only be of Stainless Steel (minimum Grade 304) including storage.
- b) SMVDSB shall provide piped water in each and every KIOSK. In case, piped water supply is not feasible at any particular location, as listed in e-NIT, then final location for installation of KIOSK at the location shall be decided by SMVDSB in the nearby vicinity where piped water supply is feasible.
- c) The successful bidder shall design KIOSK's in such a way that, in case quality of incoming water is not as per required standards, it should be brought into the knowledge of the SMVDSB immediately and it should be sorted out within a day itself to make KIOSK back in operation and use.
- d) Specifications, shape and design of the KIOSK shall be provided by the Successful bidder for each and every locations before start of work and only after obtaining clearance from SMVDSB, KIOSK's should be installed at respective locations.
- e) Successful bidder shall design KIOSK's in such a way that, sufficient quantity of purified water may be available at each and every KIOSK, to avoid shut down of KIOSK's on account of stoppage of Water supply and to ensure continuity of supply of purified water to the Pilgrims.
- f) Successful bidder shall ensure that the technology chosen is:-
 - i. Appropriate to the site and ground situation.
 - ii. Has a precedent for use in a project of similar nature and size.
 - iii. Supported by the technology / service provider for design, supply, implementation and ongoing maintenance.
 - iv. Addresses all issues of safety, including fire safety, operational safety, and environmental safety.
- g) Successful bidder shall install puff inside the walls, roofs & doors of the Water Vending Machines to make it heavier & durable.
- h) Successful bidder shall install plates / bars below the taps to avoid splashing of water on the devotees using Water ATM's.

- i) Successful bidder shall paste well finished vinyl stickers on the Water ATM's.
- j) Successful bidder shall also install the Geysers, S.S Storage Tanks etc. of good quality to provide hot & cold drinking water to the devotees.
- k) Water supply and Electricity upto the KIOSK shall be provided by the SMVDSB.

G. SCOPE OF WORK & SPECIFICATIONS

The bidders will be responsible for:

- 1) Design, Installation, Commissioning and Maintenance of Water Kiosks of capacity 250 ltrs/Hrs at places identified by SMVDSB at Central Office Katra & Gurukul at Charanpaduka Banganga and submitting monthly test report of output water to the concerned Unit / Area Head.
- 2) Making power connection at Water Kiosks and all electrical fittings up to the power meter of (SMVDSB); power connection & external electrification charges will be borne by the SMVDSB.
- 3) Quality control and monitoring systems to be incorporated at each KIOSK location as per the following:

H. EMBEDDED DEVICE FOR AUTOMATION FOR FOLLOWING PURPOSE

- a) Quantitative Monitoring
 - i. Water Level in the tank.
- b) Water quality Monitoring
 - i. TDS level of water.
 - ii. Temperature of water.
 - iii. pH values of water.
- c) Built in power supply to connect with 48v battery.
- d) Sensor for
 - i. Temperature Monitoring
 - ii. TDS Monitoring
 - iii. Ph Monitoring
 - iv. Ultra-sonic water level Monitoring
 - v. Water Dispensing for three points through Non-Contact Nozzles.
 - vi. Sensors support for Monitoring Water TDS, pH and Water Level in the tank.
- 4) Disposal of waste water to SMVDSB recycling system.
- 5) The water, before being dispensed to the public shall be treated with suitable filtration process to meet BIS 14543 standard at all times.
- 6) Any other related works / activities as may be necessary for its successful operation.
- 7) Users may carry water upto 2 liters capacity water bottle. The successful bidder may have suitable vending place in KIOSK for filling such container of 2 liter capacity.
- 8) KIOSK will be constructed as per the layout approved by the SMVDSB.
- 9) Water KIOSK should be equipped with provision for chilled water (Water with temperature around 18±2 degree Celsius) during summers and around 30±5 degree Celsius during winters.
- 10) The successful bidder will have a suitable technology which is environment friendly to treat water in order to provide potable water as per BIS 14543 standards at each KIOSK location.
- 11) The successful bidder shall provide in-built litter spaces in each water KIOSK.
- 12) No commercial advertisements will be allowed at any water KIOSK unit.
- 13) Jai Mata Di Neon sign Digital Electrical Logo of appropriate size installed on front (Design approved by Shrine Board).

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

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.
yearly		
1	Alpha Emitters	0.1 Bq/ Litre Max.
2	Beta Emitters	1.0 Bq / Llitre 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