



SARANAM AYYAPPA
**HIGH POWER COMMITTEE FOR THE IMPLEMENTATION
OF SABARIMALA MASTER PLAN**

TRAVANCORE DEVASWOM BOARD HEADQUARTERS, NANTHANCODE,
THIRUVANANTHAPURAM -695 003
Telephone No: +91 471 2314288, Fax: +91 471 2315156
e-mail: sabarimalamasterplan@gmail.com

NOTICE INVITING EXPRESSION OF INTEREST

Expression of Interest [EOI] for Supply & Installation of water ATMS with Kiosk for providing safe drinking water at various locations at Sannidhanam & Trekking Route at Sabarimala.

Date of release - 06.06.2016
Last date/time for receipt - 28.06.2016 at 3:00 PM
Date & Time of opening - 28.06.2016 at 4:00 PM
Date & Time of Pre-bid Meeting - 14.06.2016 at 11:00 AM

Place of Pre-bid Meeting - Office of the Devaswom Commissioner, Travancore
Devaswom Board & Member Secretary, High Power Committee
for Sabarimala Master Plan, Nanthancode, Thiruvananthapuram-
695 003 Phone: 0471-2314288

Expression of Interest [EOI] for Supply & Installation of water ATMS with Kiosk for providing safe drinking water at various locations at Sannidhanam & Trekking Route at Sabarimala.

High Power Committee for the Implementation of Sabarimala Master Plan [HPC] plans to undertake decentralized drinking water project to provide safe drinking water at selected **locations at Sabarimala and all areas associated with Sabarimala pilgrimage** within its jurisdiction, and invites sealed offers from agencies having requisite expertise and experience in this regard to submit their proposals.

EOI with detailed technical bid is to be submitted by registered post to the address mentioned below :

**Devaswom Commissioner, Travancore Devaswom Board & Member Secretary,
High Power Committee for the Implementation of Sabarimala Master Plan.
Nanthancode, Thiruvananthapuram – 695 003 Phone No: 0471-2314288**

Technical Criteria:

- Bidder has to comply fully with the Technical Specification (Section C) as provided in the Tender Document. Conditional bid will be summarily rejected.
- The Bidder should have credential in the field of Water ATM / Water Treatment Plant , in a public project with a foot print of 1500 people per day preferably installed in India and it should be working for at least 12 (Twelve) Months. Water Quality Test Reports should be submitted.
- The Bidder should also submit along with the technical bid a detailed descriptive write up on the system / plant that they propose to supply keeping in consideration the specification mentioned in the Scope of Work (Section B), in a format as prescribed in – Section D.
- Experience in Water ATM is **preferable**.
- **Financial Criteria**
- The bidder should have credential in the field of Water ATM / Water Treatment Plant fulfilling the following criteria.
 - Intending tenderers should produce credentials of a similar nature of completed work of the minimum value of 40% of the estimated amount put to tender during last (five) years prior to the date of issue of the tender notice; or,
 - Intending tenderers should produce credentials of 2(two) similar nature of completed work, each of the minimum value of 30% of the estimated amount put to tender during last 5(five) years prior to the date of issue of the tender notice; or,
 - Intending tenderers should produce credentials of one single running work of similar nature which has been completed to the extent of 80% or more and value of which is not less than the desired value at (a) above;

Name and address of the EOI Inviting Authority

***Devaswom Commissioner, Travancore Devaswom Board & Member Secretary,
High Power Committee for the Implementation of Sabarimala Master Plan.
Nanthancode, Thiruvananthapuram – 695 003 Phone No: 0471-2314288***

The proposals may be submitted as detailed below:

i) Details required from the bidders

One common document shall be submitted for all the proposed pilot projects.

1. Organizational background:

- a. History of organization and main areas of work
- b. Profiles of key personnel

- c. Profiles of members on the board
2. Credentials of organization for proposed project:
- a. Outline key skills relevant to setting up decentralized water plants in low income communities
 - b. Prior experience in running decentralized water plants of capacity equal or greater than 500 LPH
 - i. No of years of experience in running decentralized drinking water plants
 - ii. Total no of plants set up (rural and urban)
 - iii. No of plants set up in the last 2 years.
 - c. Prior experience working in the water/sanitation sector in low-income communities, either by providing decentralized drinking water or by providing household water/sanitation connections
 - i. No of years of experience working in the water/sanitation sector in low-income communities
 - ii. No of households reached through decentralized drinking water plants or no of households provided water/sanitation connections.

For (b)&(c) here produce performance certificate from the district administration .

- d. Please provide a profile of one or more of your plant installations (in rural, semi-urban or urban areas) that you would like to highlight. Please bring out the following in this profile:
 - i. Location and slum population
 - ii. Months the plant been operational
 - iii. Plant capacity and technology used
 - iv. TDS levels of input water, product water and wastewater
 - v. Wastewater management technique
 - vi. Average sales/day
 - vii. Filtration fee charged to users (p/L)
 - viii. Role/s of your organization/s (e.g., financing, operating, maintenance, etc.)
 - ix. If any other partners were involved, describe their roles
 - x. Anything else about the plant you would like to highlight

3. Technical Solution and Requirements for Physical Resources [Separate section for **Type A and B** installations]

- a. Overview of purification technology
- b. Plant capacity (LPH)
- c. Storage tank capacity used (L)
- d. Detailed maintenance requirements for individual components (including frequency and cost of replacement)
- e. Water usage efficiency (%)

- f. Land required (sq ft) – for purification plant and Water Dispensing Units/ Access Points
- g. Type of electricity connection required (1/3 phase)
- 4. Overview of Operating Roles and Responsibilities (please cover all aspects, like plant provision, day-to-day operations, awareness creation/demand generation etc)
 - a. Lead/your organization
 - b. Other organizations involved in the project
- 5. Overview of Financial Structure and Roles (please cover all aspects, like amount and provision of upfront capital, plant ownership, right to revenues etc)
 - a. Lead/your organization
 - b. Other organizations involved in the project
- 6. Suggested Approach to Distribution
- 7. Suggested Approach to Social Marketing (where applicable)
 - a. Social Marketing Strategy (individual conversations, group activities, distribution of pamphlets etc)
 - b. Proportion of people to be targeted who visit sabarimala
 - c. Frequency of interactions/social marketing efforts
- 8. Brief suggested approaches to manage wastewater (given that the site has no drainage system)
 - a. Amount and quality (including TDS level) of wastewater produced daily
 - b. How would waste water be managed?
- 9. Approach to Plant Maintenance and Quality Control (including vendor plans if outsourced)
- 10. Measures to provide adequate governance
 - a. Methods to ensure governance (surprise visits, water quality testing, maintain sales logs etc)
- 11. Indicative Project timelines
- 12. Other features about the product/technology/your organization that you would like to highlight

1) Evaluation Procedure

The proposals shall be evaluated by an Evaluation Committee, to be constituted for the purpose. The evaluation shall be a 3-step process as outlined below:

Step-1: Assessment of capacity and experience on the basis of documentary evidence submitted

Parameter	Marks	Maximum Marks
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<i>A: Experience of Agency in Field of Safe Drinking Water</i>		
Less than 3 years of experience	5	15
3-5 years of experience	10	
More than 5 years of experience	15	
<i>B: Number of Installations being managed on the date of application</i>		
21-50 Installations	5	15
51-100	10	
More than 100	15	
Total		30

Step-2: Assessment of Presentation

Bidders scoring 20 marks or above shall be invited to make a presentation before the selection committee explaining the methodology proposed for implementing the assignment.

Each presentation shall be assigned a score on a scale of 0-70 where the committee shall score the projects on the following parameters:

Parameter	Marks	Max. Marks
<i>C: Technology of Purification</i>		
Removes both bacterial and ionic impurities	10	20
Active regular monitoring mechanism	10	
<i>D: Technology of Water Dispensing Unit</i>		
Energy Efficiency	15	40
Ability to ensure price control and usage pattern tracking	10	
Ability to display quality to the customer at the point of dispensing	15	
E: Previous experience of installing community drinking water projects with Government entities		10
Total		70

The final result shall be decided on the basis of total marks, i.e. marks assigned to the technical proposal plus the marks assigned after the presentation.

Condition of Installations: Public Places

- The agency should complete all the installations within 30 days of handing over the site and be responsible for the daily operation and maintenance of the project for tenure of 5 years.
- The agency will be required to install one water dispensing unit/ kiosk integrated with purification and chilling functionality at each such location. The unit so installed can either be manned or unmanned.

- HPC shall provide 30-40 sq.ft. of space for setting up each such integrated unit. Any site related expenditure related to machine installation shall be borne by the agency.
- The integrated unit shall have an aesthetic appeal to the temple architecture of Sabarimla and preferably be enclosed to prevent deliberate/ accidental contamination of water.
- The integrated unit must have an in-built capacity to monitor the vital parameters of the equipments and capture the amount of water sold on a daily basis.
- The integrated unit shall have capability to operate independent of the power grid.
- HPC shall provide provision for raw water connection at the site of installation. The purification technology used by the agency must ensure that product water adheres to IS:10500 quality standards. The integrated unit shall have capability to disable/ stop dispensing if the quality of water does not meet IS: 10500 standards.
- The agency will be required to indicate the methodology to collect O & M fee.
- The integrated unit shall be capable of dispensing any quantity of drinking water ranging from 1000 LPH at once. However, to avoid after-markets there should be some mechanism for controlling excessive usage by the same individual.
- The agency should maintain daily logs of sale through all the installations and submit weekly reports to HPC on or before Tuesday every week (or Wednesday if Tuesday is a bank holiday).
- Once every three months, the operating agency would conduct output water quality tests covering all BIS: 10500 parameters. This would be submitted to the HPC.
- If the agency does not fulfil the terms of the final agreement with HPC, then HPC can revoke the right to operate the drinking water installation.
- Management of waste water, if any generated, is the sole responsibility of the agency.
- Cleanliness of the installation site is the sole responsibility of the agency.
- The agency will be required to set up a toll free help line number to cater to customer complaints.
- The agency will be required to mention clearly the user fee chargeable to the customer at the plant installation site.

c) **Key Conditions for the Water Dispensing Units**

If the agency opts to create provision for water access points in either of the pilot projects, the conditions for such access points are mentioned below:

- If required, the agency will be responsible for transporting water from the purification plant site to the Water Dispensing Units/ Access Point in a hygienic and untouched manner.
- The Water Dispensing Units/ Access Points should preferably be unmanned installations having an option to operate independent of the grid power connection.
- The Water Dispensing Units/ Access Points should have a user friendly interface.
- The Water Dispensing Units/ Access Points should have capability to disable/ stop dispensing if the quality of water meets BIS: 10500 standards.
- The Water Dispensing Units/ Access Points should be capable of charging flexible user fee as decided by the terms of this document.
- The Water Dispensing Units/ Access Point should be capable of dispensing any quantity of drinking water ranging from 1L to 20L in a single transaction. However, to avoid after-markets there should be some way of controlling excessive usage by the same individual.

d) Role of the HPC

- For each installation HPC is willing to consider provision of the following inputs for the project:
 - For public place installation - Right to use 30-40 sq.ft. of public space, for the entire period of operations, i.e. for a 5-year tenure.
 - Access to a raw water for the entire project tenure
 - Request relevant power company to enable agency to take electricity connection, with agency paying for usage at commercial rates.
- Any other clearances, within reasonable limits, required for efficient working of the project.
- HPC would be willing to collect and test specific water samples from aquifers that the agency identifies as possible sources of input water. HPC is willing to bear the cost of testing these samples.
- HPC may also monitor, directly or through third parties, the performance and uptake of the plants.

- HPC may at any time collect and test output water samples to monitor the quality of plant operations.

Intending Bidders should upload Non-Statutory documents as per following folders in My Document:

Sl.	Category	Name Sub Category		Details	Remarks
No.		Description			
A	CERTIFICATES	CERTIFICATES	1.	Kerala VAT Registration / PAN / P.	
				Tax Clearance Certificate/P.Tax Challan	
			2.	Income Tax Acknowledgement Receipt	
B	COMPANY DETAILS	COMPANY DETAILS 1	1.	Proprietorship Firm (Trade License)	
		COMPANY DETAILS 2	2.	Partnership Firm (Partnership Deed, Trade License).	
			3.	Ltd. Company (Incorporation Certificate , Trade License)	
			4.	Power of Attorney	
			5.	Society (Society Registration copy, Trade License)	
C	CREDENTIAL	CREDENTIAL 1	1.	Similar Nature of Work Done & Work	
		CREDENTIAL 2		Experience Certificate	
		CREDENTIAL 3	2.	Enlistment copy issued by the Department (if any).	
			3.	Water Test Certificates from plants of similar nature	
E	EQUIPMENT	MACHINERIES 1		List of Machineries and Equipment	
		MACHINERIES 2			
F	FINANCIAL INFO	WORK IN HAND			
		PAYMENT CERTIFICATE 1		Payment Certificate only (Not TDS Certificate)	
		PAYMENT CERTIFICATE 2			

	2014-2015	P/L AND BALANCE SHEET	Profit & Loss & balance Sheet (With Annexure and 3CD Form in case of Tax Audit) for 2014-		
			15		
	2013-2014	P/L AND BALANCE SHEET	Profit & Loss & balance Sheet (With Annexure and 3CD Form in case of Tax Audit) for 2013-		
			14		
	2012-2013	P/L AND BALANCE SHEET	Profit & Loss & balance Sheet (With Annexure and 3CD Form in case of Tax Audit) for 2012-		
			13		
G	MANPOWER	TECHNICAL PERSONNEL	List of Technical Staffs along with Structure & Organization		

Note: - Failure of submission of any of the above mentioned documents (as stated in A1 &A2) will render the tender liable to summarily rejected for both statutory & non statutory cover.

All Corrigendum & Addendum Notices, if any, have to be digitally signed & uploaded by the bidder in the Declaration Folder of My Documents.



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For more details please refer Website www.travancoredevaswomboard.org or www.tdborg.in

Sd/-

Devaswom Commissioner, TDB &
Member Secretary, HPC