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Invitation for Expression of Interest (Eoi) for Setting up Water ATMs for safe Drinking Water including Designing, Constructing/Installing, Operating and Maintenance of Water ATMs at Public Places for Five Years at Designated Location in Patna

Background

Patna is an ancient city that sprawls along the south bank of the Ganges River in Bihar, northeast India. The state capital, it's home to Bihar Museum, a contemporary landmark exhibiting bronze sculptures and old coins from the region. Nearby, Indo-Saracenic-style Patna Museum displays a casket believed to contain the Buddha's ashes. Close to the river, the Golghar is a domed colonial granary overlooking the city.

General Description of Work and General Terms:

1. The sites for Water ATMs shall be public places/ institutions within the Municipal boundary of Patna City where water and electric connections are feasible shall be identified and proposed by the selected vendor. These sites shall be or near public gardens, religious places, markets, bus stand, places with major pedestrian footfalls, etc.
2. The Contractor shall charge at reasonable lowest bidding price as approved, from consumers for payback period, i.e.5 (five) years.
3. The Contractor will be responsible for Designing, Financing, Constructing/ Installing, Operating and Maintaining and vending of Water from Water ATMs along with Water Storage Tanks and submitting weekly test report of output water to the Engineer-in-Charge.
4. The Contractor shall take Power Connection at Water ATMs and all electrical fittings up to the Power Meter of PESU power connection & external electrification charges will be borne by the Contractor and will be charged on Commercial Rates by PESU.
5. There will be Quality Control and monitoring systems to be incorporated at each ATM location for:
 - i. Number of glasses of water dispensed in a day;
 - ii. Number of bottles of water dispensed in a day; and
 - iii. Water level in the tank which can be tracked from Control Command Centre.
6. Backend Wireless Communication:

- i.GPRS Module for communication with backend web server;
 - ii.GPS module for Kiosk Location information.
7. Disposal of wastewater to Sewerage System: In case of non-performance, severe penalties would be levied on the Contractor as applicable under existing laws related to littering in public areas.
 8. The water before being dispensed to the public shall be treated with suitable filtration process to meet BIS 10500 Standard at all times.
 9. Users may be able to carry water up to 20 liters capacity Jerry Can. The Contractor may have suitable vending place in ATM for filling such a container of 20 liters capacity.
 10. The Contractor shall provide in-built litter spaces in each water ATM.
 10. LED signage showing BUIDCo logo, and Water ATM of appropriate size shall be installed at every Water ATM unit.
 11. Each Water ATM should be equipped to dispense water of 250 ml (eco-friendly bio-degradable cups/glass of minimum 170 GSM paper to be provided by the Contractor at the ATM to be included in the cost of water). 1 liter, 5 liters and 20 liters water will be taken by customers in their own containers.
 12. Filling Speed: about 10-12 liters/minute.
 13. Operational Time – 6 AM to 11 PM every day, which may be amended in consultation with MCA or space owner agency.
 14. The Contractor shall install the required equipment and operate and maintain the same for a period of five years from the date of commissioning.
 15. The Contractor shall perform all routine maintenance to ensure that all water ATMs shall remain in working condition. The Contractor shall ensure routine inspection of the equipment by the equipment supplier.
 16. To maintain premises clean, safe hygienic and risk free in and around the Water ATMs (approx. Two-meter radii) is the responsibility of Contractor. The Attendant (if any) of the Contractor shall ensure that all the eco-friendly biodegradable paper glass shall be disposed of by the user within litterbin kept at each ATM.
 17. The water storage capacity at each ATM should be minimum 1000 Litres which can be increased as per the requirement.
 18. Penalty: For non-performance and non-maintenance of Water ATMs, there will be provision of appropriate penalties to be imposed on the Contractor.

Pre-qualification Criteria*

The Company/Firm should:

1. Have prior experience i.e. set-up and operated at least ten water ATM Systems of at least 1000- liter water storage capacity with BIS 10500 Standard quality of water at each ATM for at least three years and presently it should be in operation.
2. Be a Company/ Firm registered as per the Indian Laws.
3. Be a manufacturer/ authorized dealer of the Reverse Vending Machines for not less than 3 years.
4. Have registered under the GST laws.

*Criteria mentioned in this document are not exhaustive and is subject to modifications.

Request for Information

Information on the following may be sent as part of the Expression of Interest, or provided as part of the presentation to BUIDCo by those shortlisted. The response to the Request for Information is not part of the pre-qualification criteria:

1. Description of Water ATM Systems set up or operated by the Company/ Firm including layout and design information.
2. The description of model of participation with government agencies on similar water ATM projects.
3. Details of arrangement with the City Government for the operations.
4. Details of the systems in-operation and bids in India and nature of Service Level Agreement.
5. Details of collaboration with an Indian Company, if applicable.
6. Client certificates regarding satisfactory handling of such projects, with reference names from within your customers.
7. At least one water ATM is to be exhibited at the time of presentation.

Expression of Interest (EOI) Format

The Interested Companies/ Firms are invited to submit their Expression of Interest in the following below:

1. Covering letter on the Company's/ Firm's letterhead.
2. Contact information of the Company/ Firm with email address, phone number, postal address of the Head Office and all branch offices along with name of the representative.
3. Organization profile including details of incorporation, strength, and constitution
4. Names and designation of the heads of the organization and institutional structure
5. Annual turnover for the last three financial years.
6. Details of the water ATM systems designed/operated/equipment provided globally/ nationally, along with type of the equipment.
7. Brief plan for procurement of required assets/ major items of equipment expected to be used for operations.