



જાહેર નિવેદન

વર્ષ : 2026-27

ગાંધીનગર મહાનગરપાલિકા

પંડિત દિનદયાળ ઉપાધ્યાય ભવન, ફાયર સ્ટેશનની પાછળ,

સેક્ટર-૧૭, ગાંધીનગર-૩૮૨૦૧૬

Garden Department

ગાંધીનગર મહાનગર પાલિકાની બાગાયત શાખાની કામગીરી અન્વયે Design, Supply, Installation, Testing, Commissioning and Comprehensive Maintenance with security of Inject Air Diffusion System (IADS) and Water Fountains at Various Location of Gandhinagar Municipal Corporation નું ટેન્ડર કરવાનું થતું હોઈ, ફક્ત બજાર ભાવનો અંદાજ મળી રહે તે માટે એજન્સી પાસેથી તા. ૧૬/૦૭/૨૦૨૬ થી તા. ૨૨/ ૦૭ / ૨૦૨૬ સુધી કચેરી સમય દરમિયાન ભાવો (without GST) મંગાવવામાં આવે છે. સંબંધિત એજન્સીએ સદરહું ભાવો રૂબરૂ સ્થળ તપાસ કરી BOQ- Bill of Quantity સાથે Itemwise મોકલી આપવાના રહેશે. જે બાબતે જરૂરી માહિતી ગાંધીનગર મહાનગર પાલિકાની મુખ્ય કચેરીના નોટીસ બોર્ડ પર તેમજ ગાંધીનગર મહાનગર પાલિકાની વેબસાઈટ <https://gandhinagarmunicipal.com/> પર ઉપલબ્ધ છે.

નોંધ: સદર ભાવ ફક્ત બજાર ભાવનો અંદાજ મેળવવા માટે મંગાવેલ છે.

સ્થળ: ગાંધીનગર.

તારીખ :

સહિ/-

નાયબ મ્યુનિસિપલ કમિશ્નર

ગાંધીનગર મહાનગરપાલિકા

Technical Specifications

The Aerators must have single mode of operation for both aeration and mixing mode. The aerators should be surface or sub-surface kind of system. Position of shaft downward inside the water is should be in vertical or Angular position. Fine bubbles dispersion of air inside water is required for better retention time. System should be light in weight, easy to install and move its position. Beautification of the system would be added advantage.

A. AERATOR DRIVE MOTOR :-

The motor shall deliver 5 horsepower at 2800-2900 RPM nominal with no gear box mechanism and should be rated for 415 volts, 50HZ/cycle, 3 phase service, IEC Motor. The motor should be totally enclosed, fan cooled and meet IP56 specifications.

B. MOUNTING FLANGE: -

The mounting flange should be epoxy coated steel structure.

C. SHAFT: -

The MOC of shaft should be Stainless Steel

D. HOUSING:-

The housing should be non-corrosive and flanged for mounting to the aerator.

E. BEARING:-

Easily replaceable and water lubricated bearings are preferred

F. PROPELLER:-

MOC of propeller should be fibrous composite / stainless steel construction and designed to maximize oxygen dispersion inside water and complete homogenous mixing should be taken care

G. FLOTATION:

The aerator flotation assembly shall consist of uni-floats constructed of molded low-density polyethylene (LDPE) or high-density polyethylene (HDPE). The equipment shall be provided with PP rope of required size and length but not less than 16 mm diameter for anchoring and mooring as per site requirement. The equipment shall be anchored to the shore parapet with proper expansion lugs.

H. ELECTRICAL SERVICE CABLE & OTHER ELECTRICAL ITEMS :

Cable shall be ISO approved for severe environments, suitable for underwater service and one continuous length. The cable shall be XLPE armoured copper cable rated polycab or equal. Required Panel Board with Auto Control switch, Capacitor of at least 3 KV for the constant voltage flow and other electric or mechanical items if needed for system to operate smoothly.

- I. The scope of work shall include Design, Supply, Installation, Testing, Commissioning and Comprehensive Maintenance with security of Aspirator aerator with Float Mount assembly.
- J. The unit shall comprise of Aerator Drive Motor with Starters, Electric Cables for Aerator Drive Motors of required rating, Field replaceable & water lubricated lower bearing, Field replaceable wear-resistant Ceramic sleeve.
- K. The Floation Assembly Kit shall be complete in all respects which include moulded low- density polyethylene or high-density polyethylene floats with P P rope for Anchoring and Mooring.
- L. The power supply shall be arranged by the GMC/Authority.
- M. Proper earthing should be made for individual system and required necessary cable for power must be grounded in suitable pvc pipe in the scope of contractor.
- N. The assembly shall have to be in such a way that will make it possible for shifting of the machine to other location along shore.
- O. IADS should provide dissolved oxygen constantly throughout the day. It should have maximum air to water scrubbing properties. It should not disturb the boating and other recreational activities going in the lake. It should be minimum or no water loss by the system. It should help aquatic culture of the lake to grow in good manner.
- P. Ensure safety of IADS through required preventive measures, proper upkeep, maintenance, operation instructions and whatever other measures required.
- Q. The Contractor shall ensure that the IADS & it's surrounding area are cleaned properly on daily basis.
- R. The Contractor shall be required to obtain all necessary approvals and clearances for carrying out the work. The Authority would facilitate the process.
- S. Deploy sufficient number of personnel for rendering quick services and upkeep of the IADS.
- T. Ensure that its personnel are polite and well groomed and attempt to make the IADS fully operational.
- U. Contractor cannot generate any revenue from Advertisement by creating advertisement at designated space in any form.
- V. Contractor shall not sublet, transfer or assign the work or any part thereof to others. No other person shall be entitled to use the premises or any part thereof in his stead.
- W. Contractor shall maintain proper security and user friendliness of the facility and the related infrastructure.
- X. The Authority or its authorized representatives shall have access at all hours to the site or any part thereof and inspect the services provided by the Contractor.
- Y. The Contractor shall be responsible for the following;
 - a. General arrangement for upkeep and maintenance of all IADS including cleaning and routine repairs for fully function of IADS.

- b. Procurement and Storage of Spares - parts and other required equipments.
- c. The Contractor shall also be responsible for any periodic, major or overhaul repairs in the IADS. However major repairs for routine civil and structural work related maintenance and repairs required for other As sets shall be carried out by the Authority.
- d. The Contractor shall deploy properly trained manpower with relevant education qualification for operation and maintenance. It shall ensure that its staff are in proper physical condition and are not under the influence of alcohol or any substance during the duty hours.
- e. Under normal circumstances and non-festive season, lake is open for all days a week. The Contractor is expected to carry out maintenance activity during any day of week.
- f. For any major maintenance requirement required to be carried out, the Contractor will need approval of Authority.
- g. Gandhinagar Municipal corporation (GMC) will not be responsible for any accidents (In case of the death of a person or an injury) occurred in the premises due to the above reason and the compensation for the family of the person affected.
- h. It will be in the scope and responsibility of the contractor to deal with the legal proceeding such as court matter, police case compensation etc which arises due to the above reason.
- i. Contractor must take liability of against the theft of any loose parts and whole inject air diffusion system during Contract period.
- j. The Bidder shall have to offer Two years Operations & Comprehensive Maintenance with security of IADS after completion of warranty period of year from the date of successfully completion of the work. The Period of Operations & Comprehensive Maintenance of IADS shall be of 2 years which is extendable upto additional 2 (two) years, at sole discretion of the Authority, upon satisfactory performance by the Contractor.
- k. Supply, laying, and commissioning of 4 core 16 Sq.mm. XLPE ISI armoured cable multistrand aluminium conductor for 1.1 kv.
- l. supply, installation ,testing and commissioning of Section pillar having structure of 14 SWG thick CRCA Steel Sheet,paint:ral-7032 Siemens grey,process:7 tank powder coating, stand :40X40X6 MM angle ,stand colour: black colour, earth bus bar:25X6 mm or 30X5 mm,load wire:16Sq.mm. Aluminium cable.