



## *...a City with rich History & Culture*

Pune, has experienced the reign of the Rashtrakutas, Satavahanas & Yadava dynasties.

The foundation of the city's establishment was laid by Chhatrapati Shivaji Maharaj & Rajmata Jijabai.

After the downfall of the Peshwa Empire in 1818, the British took Control of Pune & its surrounding areas.

In 1858, after the establishment of the Municipal Corporation, urban infrastructure was developed in the city.



Nestled in the Western Ghats of Maharashtra, India, Pune is a city where history & modernity coalesce seamlessly, offering travelers an enriching, multifaceted experience.



Dubbed the "Oxford of the East" due to its myriad esteemed educational institutions, Pune is a vibrant metropolis brimming with culture, tradition & innovation.

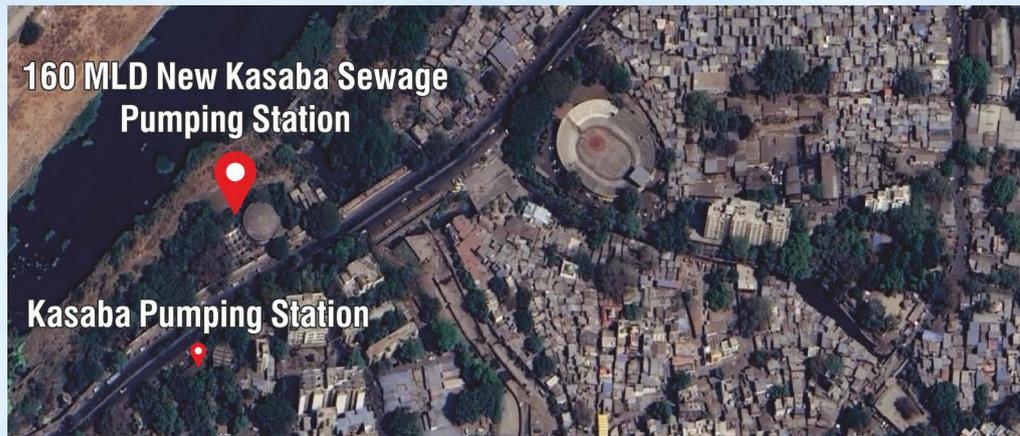


**Situation:**

Pune has an **abundance of water** from the Khadakwasla dam; but intra-city distribution - extremely uneven.

Some areas get as much as 600 litres / capita / day (*lpcd*).

This results in **enormous quantities of Waste Water, Sewage** & its two main rivers, the Mula & Mutha, remain severely polluted.



**Aqua's Solution:**

**New Kasba 160 MLD SPS**, located in the heart of the city, was built as an **IPS** from where Sewage is pumped into the 115 MLD Dr. Naidu Hospital STP .

It originally had 4W+2SB, 235hp "XYZXYZ" make, Local Origin Submersible Pumpsets.

Upon replacement of Local Origin Pumps by Aqua make, Client has experienced much Smoother & Trouble Free performance

**Site Photos:**



**End User:**



**Pune Municipal Corporation**

**Project:**

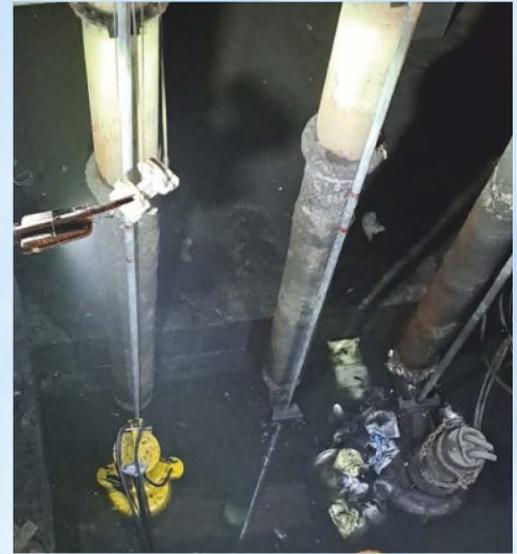
**Kasba SPS, Pune**

**Pump Model:**

**ANS..\_VAC\_1s\_VoG\_3042\_Tp.\_37nFN\_4PA\_250hpN\_ER\_4\_NJ**

<b>Head</b>	<b>Discharge</b>	<b>DN Size</b> <i>(Delivery Nozzle)</i>
<b>30m.</b>	<b>1410m<sup>3</sup>/hr</b>	
<b>Motor Rating</b>	<b>Voltage</b>	<b>350 mm</b>
<b>250hp</b>	<b>415V</b>	

Site Photos:



Concept Benefits:



Low Life Cycle Costs (LCC)\*

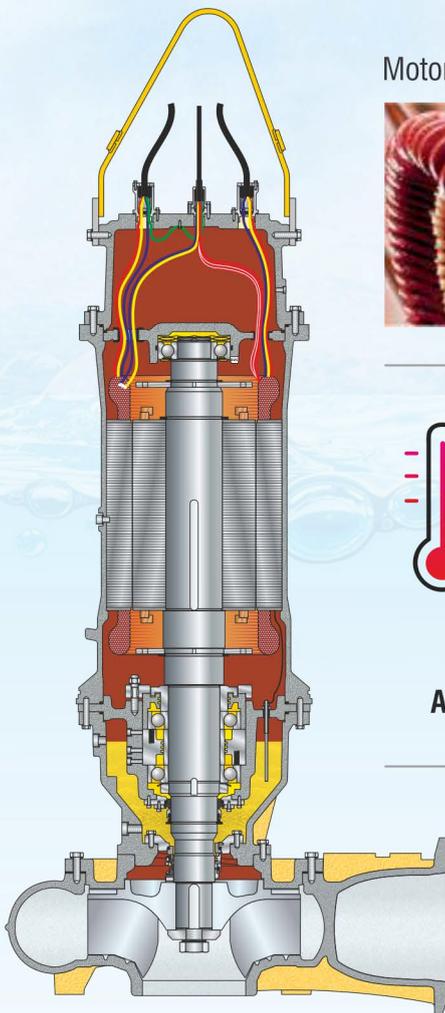


Saves (upto 75%) Spare Parts & Consumables\*



Saves (upto 66%) O&M Staff\*

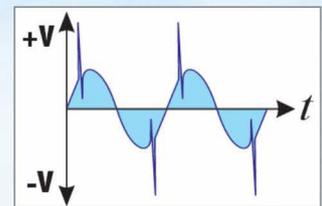
Unique Advantages of Aqua's ANS:



Motor Insulation



Based on World Leading "Power House" type treatment (Mica based; Dual Vacuum Pressure Resin Impregnation (VPI)) technology for Superb Di-Electric Strength due to Costlier Resin v/s Cheaper Varnish.



Tolerates Power Spikes & Surges



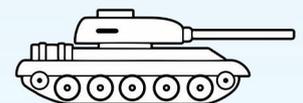
Designed for upto 55°C Ambient temperature



Vacuum Pressure Impregnation Treatment (VPI) (also known as Power House Treatment) is provided by Default at no extra cost



Specially Designed for Ease of Local Repairs



Robust Tank like Build



मुख्य अभियंता (विद्युत)  
पुणे महानगरपालिका  
जा. क्र. - ४०  
दिनांक - ०-४-२५

### दाखला

निविदा क्र. ११२/२०२३ १६० दललि/दिन क्षमतेचे नवीन कमवा उपमा केंद्र येथे दोन नवीन सिव्हेज सबमर्सिबल पंप मोटर सेट पुरविणे व चालू करणे. या कामाचा कार्यादेश मे. आदेश इलेक्ट्रीकल्स अँड कन्ट्रॅक्टर्स यांना जा.क्र. ३०३० दि. २३/२/२०२४ अन्वये देण्यात आला होता.

उपरोक्त कामी सदर निविदेतर्गत खालीलप्रमाणे अँका मशिनरी प्रा.लि. कंपनीचे सिव्हेज सबमर्सिबल पंप वमत्रिण्यात आलेले आहेत.

१) नवीन कमवा उपमा केंद्र - पंपाची क्षमता  $1410 \text{ m}^3/\text{hr}$ , हेड-३०m, २५०HP = २ नग  
मॉडेल - (ANS\_VAC\_1s\_VoG\_3042\_Tp\_37nFN\_4PA\_250hpN\_ER\_4\_NJ)

द्वारा वमनेचे सिव्हेज सबमर्सिबल पंप समाधानकारक कार्यरत आहेत.

कार्यकारी अभियंता (विद्युत)  
मलिनिसारण विभाग  
पुणे महानगरपालिका



Chief Engineer (Electrical)  
Pune Municipal Corporation  
Outward no: 40  
Date: 7/4/2025

Certificate

Tender number 112/2023, 160 MLD New Kasba SPS, for Supply, Installation & Commissioning of 2 no Sewage Submersible Pumps. Work Order no 3030 dated 23/2/2024 was issued to M/s Aadesh Electricals & Contractors.

Under above tender & Work Order, following Sewage Submersible Pumps of M/s Aqua Machineris Pvt Ltd were installed.

1) 160 MLD New Kasba SPS: Pump Capacity 1410 M<sup>3</sup>/hr, Head 30 M, 250 HP, Qty 2 no,  
Model:ANS\_VAC\_1s\_VoG\_3042\_Tp\_37nFN\_4PA\_250hpN\_ER\_4\_NJ

Above capacity Sewage SubmersiblePumps are working satisfactorily.

This document is translated by me from vernacular to English.

Executive Engineer (Electrical)  
Drainage Department  
Pune Municipal Corporation

09 APR 2025  
NOTED AND REGISTERED AT  
SERIAL NUMBER 1208





**SUNIL B. RANDE**  
ADVOCATE & NOTARY  
(Govt. Of India)  
Pajd. No. 4867, Pune District  
38/2, Vishwash Co-op. Society,  
Gujrat Colony, Kothrud, Pune-38  
Mob. No.: 9822635283



# Aqua Machineris Private Limited

[www.aquapumps.com](http://www.aquapumps.com)

Registered Office & Manufacturing Plant

Survey No. 504/1-2, 442/2, Near Haridarshan Estate, Near Express Highway, Ramol, Ahmedabad-382 445. Gujarat, India.

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