

REQUEST FOR INFORMATION FOR GOODS AND SERVICES

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**ONDERSTEPOORT BIOLOGICAL PRODUCTS LTD
PRIVATE BAG X7, ONDERSTEPOORT 0110**

From: Supply Chain Department
Date: **19 June 2026 – 2 July 2026**
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To:
Supplier:
Tel:
Fax:
Email:

**REQUEST FOR INFORMATION: WATER SYSTEMS SOLUTION FOR
ONDERSTEPOORT BIOLOGICAL PRODUCTS (OBP)**

Kindly provide Information for the following: **RFI/OBP003/2026/27**

COMPULSORY/MANDATORY	
Company/ Individual Profile	That highlights years' relevant experience and capabilities in water solution or consulting.
Proposal	Detailed proposal to include pricing, methodology and approach etc.
Additional Notes	All Bidders must be registered on CSD (Central Supplier Database)
Non-Compulsory Site briefing 25 June 2026 @12:00	Non-Compulsory site briefing to be attend, at OBP Offices (100 Old Soutpan Road, Onderstepoort, 0110). Must be there before or on time as stipulated on the document and wear PPE clothing before entering the premises. 25 June 2026 @12:00

TERMS OF REFERENCE: REQUEST FOR INFORMATION - WATER SYSTEMS SOLUTION FOR ONDERSTEPOORT BIOLOGICAL PRODUCTS (OBP)

1. INTRODUCTION

Onderstepoort Biological Products SOC Ltd (OBP) is a South African state-owned animal vaccine manufacturing company whose mandate is to manufacture animal vaccines with the aim of preventing and controlling animal diseases that impact food security, human health and livelihoods. The mandate is delivered through continued development of innovative products and efficient manufacturing, which ensures vaccine affordability and accessibility through varied distribution channels.

Our vaccine manufacturing facility requires a robust, redundant **Water Holding and Storage System** to guarantee uninterrupted production during severe municipal water shortages. The system must accommodate two distinct tiers of water:

- **Raw / Potable Water Bulk Holding:** For domestic use, cooling towers, and feedstock to the purification plant.
- **Pharmaceutical-Grade Holding (PW/WFI):** Emergency strategic holding of Purified Water (PW) and Water for Injection (WFI) without compromising cGMP sterility rules.

Vendors are invited to submit information regarding engineering designs, sanitary compliance, footprint requirements, and budgetary estimates for a turnkey solution.

2. SCOPE OF WORK & TECHNICAL REQUIREMENTS

- **Standard Storage Capacity Configurations**
- **Potable Bulk Holding:** Minimum 3 to 5 days of reserve capacity (e.g., 500,000 to 1,000,000 Litres).
- **Purified Water (PW) & WFI Holding:** Sized for a minimum 24- to 48-hour buffer matching downstream formulation and fill-finish needs.

Material & Structural Specifications

Vendors must specify how their designs meet the following standards:

Criteria	Potable Bulk Storage	PW / WFI Storage
Material	High-density polyethylene (HDPE) or Epoxy-coated Carbon Steel	316L Stainless Steel (controlled sulfur content)

Surface Finish	Standard industrial food-grade	Electropolished internal surfaces ($R_a \leq 0.38 \mu\text{m}$) or ($0.2 \mu\text{m}$)
Geometry	Vertical cylindrical or modular sectional	Vertical, jacketed, fully drainable, crevice-free
Sanitization	Chemical (Chlorination/UV dechlorination)	Continuous hot looping ($\geq 80^\circ\text{C}$) steam jacket) or Ozone

Contamination Control & Loop Integration

For pharmaceutical-grade holding tanks, please detail options for:

- **Vent Filtration:** Hydrophobic, sterile-grade, gas-retentive vent filters with integrated heating jackets to prevent condensate blockages.
- **Blanketing:** Nitrogen or sterile compressed air head-space blanketing.
- **Spray Devices:** Fixed or retractable Clean-In-Place (CIP) spray balls ensuring 100% wetting coverage.

Vendor Information Requested

Company Capability & References

- Provide brief evidence of previous installations in cGMP, WHO-prequalified, or FDA-regulated vaccine/biologics production settings.
- List standard delivery lead times for manufacturing and site assembly.

Technical System Description

- Submit general assembly drawings (2D/3D templates) for both bulk raw water and sanitary storage blocks.
- Detail the automation architecture (e.g., PLC/SCADA integration) for real-time level, conductivity, TOC, and temperature monitoring.

Water Conservation & Recirculation Options

- Describe how your system maintains constant turbulent flow during prolonged holding to prevent biofilm growth.
- Detail any integrated water recycling or reject-recovery mechanisms within the pretreatment loop

3. REQUEST FOR INFORMATION PROCESS

The overall objective of the RFI is to identify potential water solution consultants which satisfy the current and future strategic and operational requirements of OBP. A site visit will be permitted on Thursday 25 June 2026 at 12h00

The RFI process is aimed at soliciting information on water solutions to:

- Survey the market to identify potential service providers available in the marketplace
- Provide a scope of work for a water solution solution, with identified pricing structures and metrics, which will integrate into OBP electrical systems by:
- Identify key performance indicators for monitoring and evaluation of solar energy system

4. PARTICIPANT INFORMATION

Submissions are open to any public or private company or consortium of such companies intending to provide information. In the case of consortia, interested parties should confirm that the submission is on behalf of the consortium.

5. GENERAL

5.1. Confidentiality

OBP shall:

- Use its reasonable endeavours to keep all data and details submitted by responding parties strictly confidential, save to the extent that such data or details are required to be disclosed by applicable law or order of a court of competent jurisdiction; be entitled to disclose all data and details to their officers, employees, agents, advisors and representatives who are involved in the project and the evaluation of the responses; and
- Not be liable for any loss incurred or damage suffered as a result of any disclosure of any information (confidential or otherwise) of the responding party. The responding parties shall not have, and hereby waives, any claim against OBP arising out of the disclosure of any information, confidential or otherwise.

5.2. Reservation Of Rights

- OBP reserves the right, to use information submitted in response to this RFI for the purpose of compiling and aggregating data for public release, related to the information submitted, without mentioning / identifying specific parties.
- OBP reserves the right to verify any information contained in a response to this RFI; and OBP reserves the right to cancel or withdraw this RFI as a whole or in part.

5.3. Contact Information And Clarifications

- Interested parties are free to request clarifications from, or engage directly with, the team via email at purchasing@obpvaccines.co.za

6. CLOSING DATE

- The RFI closing date and time is on the **02 of July 2026 @15:30**,
- All bidders MUST register their company (in advance) on the NEW OBP's EProcurement portal, the link can be found on the official OBP website under supply chain.
- Once bidders account registration is approved by the OBP Supply Chain, login credentials will be supplied, whereby bidders will be able to login and apply for opportunities.
- All open opportunities will reflect on the portal for bidders to part take in.
- All required company documents, proposed submissions or additional requirements MUST be uploaded with your bid application.
- Any additional questions or Queries can be directed via email (purchasing@obpvaccines.co.za) or telephone (012 522 1500), note NO SUBMISSIONS WILL BE ACCEPTED via EMAIL.