Separation Scientific SA
Committed to customer service

WHO / MPP mRNA Technology Transfer Program
About Us

Separation Scientific SA (Pty) Ltd is a local, privately owned company.

Distributes laboratory equipment, consumables and technical services to the Analytical Sciences, Clinical Diagnostics and Life Sciences sector.

The quality management system of Separation Scientific SA (Pty) Ltd meets the requirements of ISO 9001 and SAHPRA.

Sep Sci is a member and subscribes to the Code of Ethics of the South African Diagnostics Association (SALDA).

We are “Committed To Customer Service”
Sep Sci is a healthcare and industrial science-related group of companies dedicated to supplying high-quality products to its customers. We aim to create a welcoming, fair-minded, and creative work atmosphere, which respects diversity, new concepts and hard work. We are beholden to make a profit to generate a fair return to our shareholders and to finance continued growth in Sub-Equatorial Africa.

To make our mission a reality, those who work within our organization must share the following values and attitudes:

- Personal ethics and commitment in support of this mission in their daily work.
- Commitment to giving service to others, whether internally or externally.
- The desire for personal and professional improvement through continuous training and development of their abilities.
- Generosity towards the group and leadership in order to work as part of a team.
- Commitment to the company’s progress and well-being.
Benefits of 1 Supplier

- Regional offices – local support
- 1 Customer Support Team
- Quality in Supplier-Distributor-Customer relationship
- More convenient Forecasting and Budgeting
- Central Warehouse and Distribution Channel
- Cost Savings
Project Management

**Mapping - Understanding the customers needs**
Scope | Evaluating requirements and advising on factors to be considered for implementation of project

**Managing logistics**

**Regulatory requirements**

**Technical Competence**
Conduit to bring various service providers together | Preparation and validation of 150 units

**Flexibility - Ability to adapt to unforeseen circumstances**
Loadshedding | Logistical delay | Site Readiness | Able to work around time constraints

**Ensuring Conducive outcomes**
Technical Competence

- IQOQ Signoff by a certified competent technical engineer
- Able to provide a full-service installation, qualification and validation
- Representative from the customer to review IQOQ and signoff with the certified engineer not always available
- Expertise provided to building contractors for technical info regarding:
  - Heat extraction
  - Fire control and evacuation design
- After sales support available to handle repairs and re-validation if necessary
- Reputable warranty and support from the supplier
Technical Mapping

- **Scope**
  - Mapping Protocol based on Thermo Scientific Protocol of Performance Qualification (PQ)
  - Adapted for Full & Empty Mapping with pre-conditioned (Cooled) Gel Packs
  - Creation of in-depth document, used to validate the data
  - IQ/OQ Certification of ÄKTA Purification system
  - IQ/OQ of Knauer LNP systems

- **Identifying and following protocol**

- **Power requirements**
  - Backup power
  - Staggered turn-on of freezers after power outage to limit load
Mapping

Mapping in PFF and vigorous testing of the units for temperature recovery as well as alarm operation

DATA interrogation after mapping
Technical Competence

Installation of Temperature loggers

Testing and Validation

Completion of Document packs
Shipping challenges with delays, trans-shipments and road transport from factory to freight forwarders

Arranging of storage facility for the goods prior to delivery

Coordination of deliveries - de-crating and unpacking once on site

Installation and commissioning of 150 units
  - IQOQ
  - Temperature mapping
Regulatory Requirements

- Duties payable locally and internationally
- Environmental Gas
- Carbon Footprint
- Local regulations - may vary by country
- Health and safety - flammable gas at the facility
THANK YOU

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