

**PORT OF NGQURA CONTAINER TERMINAL**

**Document Title:**

**SCOPE OF WORK**

**Scope Of Work Title:**

**INTEGRATE FIRE PANEL TO BABYLON SYSTEM**

## 1. BACKGROUND

XMP-Babylon system is a powerful, secure, flexible continuously enhanced master software which has been used for more than 30 years for the implementation of high-end customer-specific solutions in access control, time accounting, security management and building automation.

XMP-Babylon is time recording and accounting is perfectly combined with XMP-Babylon access control and XMP-TMC card readers.

XMP-Babylon is a fully configurable control system for integrated facility management and comprehensive and unique graphical user interface facilitates visualization and control of the company security system.

Ngqura Container Terminals commission the software in 2010 and the local server provide support from the K32.

## 2. CURRENT SITUATION

There is currently no active contract to do maintenance of the system in place. It is preferable that TPT invite accredited supplier to integration of the fire panel on the system to ensure system meet the customer expectations.

## 3. PURPOSE

The purpose is to source a suitable supplier to integrate the fire panel with Babylon system to ensure when the building fire panel goes off, it releases the doors into the free mode and automatic provide and print a report of everyone that is on system and separate them as per their respective areas.

## 4. REQUIREMENTS

The successful supplier must be registered in terms of Private Security Industrial Regulatory Authority act 56 of 2001. It is fundamental importance that, the supplier must be registered and comply with the act, as the XMP-Babylon system forms part of the access control instrument which gives access to property.

The act compels the supplier / or register companies to achieve and maintain a trustworthy and legitimate private security industry which acts in terms of the principles contained in the Constitution and other applicable law and is capable of ensuring that there is greater safety and security in the country. Further ensures that all security service provider act in the public and national interest.

The supplier must be accredited by OEM to work on the Babylon system, by providing of proof of recognition by the OEM.

## 5. DURATION OF CONTRACT

It's a once off service.

## 6. PERFORMANCE REQUIREMENTS

The supplier must ensure the access control system is not interrupted while doing the integration on the server room and to ensure all the functions are working in accordance with the acceptable standard.

## 7. CONFIGURATION

The system must be able to pick-up the faults of individuals on the fault barriers, eg: turnstiles and boom gates, the system must be integrated to the fire panel to allow for the open all barriers, the default system must be able to pick up K32 to transfer data into the turnstile and boom gate to open.

## 8. SCOPE OF WORK

The following specification applies to the required integration of fire panel to the access control system Babylon system.

- The system requires additional installation of 2wire cable run and programming/ setup.
- A system cannot pick-up individual faults on barriers, i.e.: Turnstile or boom gates, the default must be investigated and resolved.
- The system is not integrated to the fire panel to allow for the open all barriers, the requirement is that, all turnstile and boom gates to be free running when the evacuation is required.
- To be hardwired from fire panel to allocate controller/ turnstile input and provide a dry contact output dedicated for this.
- The system is not connected to any shared or allocated printer, the requirement is that of an allocated printer to automatic print namelist adjusted per department in the fire event trigger.
- K32 are fully functioning and updating the new information enrolled on the system.

## 9. SIGN-OFF BY REQUESTING DEPARTMENT

	NAME & SURNAME	DATE	SIGNATURE
COMPILED BY			
APPROVED BY			