

Request Details

PR No: 10247715

Type: ZDER - Deviation RQ

Cost Centre: 1660 - EngS Mechanical Maintenance: RP (LOGISTICAL SERVICES: BUILDING TECHNOLOGY

Vendor: 608894 - 2BLN (PTY) LTD

Description: ADDRESS THE EMERGENCY COOLING REPAIRS AT

Practitioner: 931 - EDITH MAVUNDA

Amount: 2,219,806.50 ZAR

BACKGROUND

On Wednesday, 12 February 2025, the SABC experienced a municipal water outage that resulted in the non-functionality of the Chillers and Plant rooms. Due to the urgency, the service provider, 2BLN who holds a 3-year contract with SABC, was urgently called out to assess and restore cooling capacity. A thorough inspection was conducted, identifying several critical issues that required immediate repairs (refer to Annexure A for detailed findings). An additional request was made to 2BLN to implement a supplementary solution to mitigate the risk of further failures and ensure stable cooling for the MCR equipment, which also forms part of this emergency sourcing.

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These systems are critical to maintaining operational efficiency and equipment protection.

Following this outage, the In-rack units, which serve as a backup cooling system for the Main Control Room (MCR), also failed.

The MCR houses critical broadcast equipment that ensures continuous operations. Failure

of this equipment due to excessive heat could result in the SABC going off air, leading to

significant operational disruptions and reputational risks.

During the incident, temperatures in the MCR escalated to 36° C and continued to rise, posing

an imminent threat to the equipment's functionality.

There had been attempts historically to upgrade the cooling in this environment, however for reasons not known to current management, the upgrade project was botched. The environment has since been running on mobile cooling units, which have proven insufficient in addressing the cooling needs of the environment. It is thus imperative that immediate interventions are undertaken to ensure system functionality in the short term and address the efficiency of cooling in this environment to ensure business continuity.

REASON

The purpose of this submission is to advise of emergency procurement undertaken in lieu of the critical cooling systems failure encountered in the Master Control Room (MCR). which led to non-functionality of the Chillers and Plant rooms.

This requires emergency repairs, which will not allow for the normal RFQ process.

SCOPE OF WORK

This assessment aims to observe and report on the physical condition and maintainability of the In-rack units at the MCR equipment room and devise a solution to fix or improve the system. This report addresses items that we believe are significant for the continued operation of this facility in its current usage and occupancy, consistent with current standards, regulations, and sound practice installation in the HVAC industry.

COST EFFECTIVENESS

The total cost for the project * is R2 219 806,50. excluding VAT.

LEGAL IMPLICATIONS

NONE SABC LEGAL WILL DEAL WITH THE CONTRACT.

RISK & MITIGATIONS

Equipment Damage

- Overheating of servers, broadcast equipment, and other critical electronics.
- Accelerated wear and tear on components, leading to premature failure.
- Increased risk of fire hazards due to excessive heat.

5.2. Broadcast Disruptions

- Signal degradation or complete system outage which can lead to the TV environment losing live feeds across the country.
- Increased downtime affecting live feeds and scheduled programming.
- Reduced system reliability, leading to frequent interruptions.

The failure of cooling systems in the MCR posed a significant risk to SABC#s operations.

Immediate interventions were implemented to restore functionality and mitigate risks.

Further measures are in progress to enhance the reliability and redundancy of the cooling

RECOMMENDATION

Based on the above, the Logistics department requests that:

- # The Head of Governance, Compliance and Support approves the deviation request to appoint 2BLN Engineering for the emergency cooling repairs at the MCR for a period of five (5) months from 12 February 2025 until 30 June 2025, at an amount of R2 219 806.50 exc. VAT
- # The Head of Governance to duly sign the award letter.
- # The Legal department draft the agreement to this effect.

NATURE OF DEVIATION

EMERGENCY

VENDOR SELECTION

2BLN ENGINEERS VENDOR#608894

PERIOD

12 February 2025 until 30 June 2025

PURPOSE

The purpose of this submission is to request approval to deviate from normal procurement processes and appoint 2BLN Engineering for the emergency cooling repairs at the MCR for a period of five (5) months from 12 February 2025 until 30 June 2025, at an amount of R2 219 806.50

APPROVERS AND REVIEWERS

Date Actioned	User Name	Actioned By Full Name
12.03.2025	RADEBEZ	NOKUZOLA MILLICENT RADEBE
13.03.2025	NKOSISV	SIFISO VINCENT BRUCE NKOSI
13.03.2025	MTHEMBUMS	MICHAEL SENZOSENKOSI MTHEMBU
25.03.2025	MTHEMBUMS	MICHAEL SENZOSENKOSI MTHEMBU