



KWAZULU-NATAL PROVINCE

EDUCATION
REPUBLIC OF SOUTH AFRICA

DIRECTORATE: IT Services

Private Bag X9137, PIETERMARITZBURG, 3200

NED Building, 228 Pietermaritz Street, Pietermaritzburg, 3201

Tel: 033 846 5102 Fax: 033 846 5102

TO : Mr G.N Ngcobo
Head of Department

FROM : Mr. PS Halimana
Director: Information Technology Services

SUBJECT : REQUEST FOR APPROVAL TO ACQUIRE LAN MANAGEMENT TOOL AND SERVICES FOR THE DEPARTMENT

1. PURPOSE

To request the Head of Department for the approval the procurement of LAN management tools and support services for the department.

2. BACKGROUND AND DISCUSSION

The department is in the process of upgrading network data lines across the department through SITA.

The above triggered a process to identify other complementing equipment to optimize an upgraded data line(s).

Lan management equipment gives the department control in prioritising network traffic based on set priority rules configured by the department i.e BAS traffic vs internet traffic. It critical that the department the lan management equipment that are not licence-data line speed dependent but that can operate with any data line speed. This allows the department to accommodate data lines and traffic demands, unknown at this point.



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This will also allow devices to be moved around the department to address any critical processing demand.

Sourcing these devices will yield the following benefits:

- Improve network security by identifying unclassified network traffic
- Ensure efficient use of available bandwidth
- Ability to determine how much data can travel in and out of the network at one time.

Each devices will be deployed at each district office (12) and also the following sites:

1 X Ex NED Building

1 X Anton Lembede Building

1 X Old Mutual Building

1 X Malgate Building

1 X Howard College site

1 X Bowden House site

1 X Dokkies

3. FINANCIAL IMPLICATIONS

It is estimated that the cost may be R 2, 800 000.00 for 19 devices for the earmarked sites.



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4. RECOMMENDATION

It is recommended that the Head of Department approves the procurement of traffic shaping equipment, deployment and support services for the above mentioned sites through the SITA Transversal Contract 1183 under LAN Planning and Design: INC no 81112011-0063.

Mr. PS Halimana
Director: IT Services

2/6/2022
DATE

Supported/ ~~Not Supported~~

Ms M.L Thusi
(A)DDG: Corporate Management

02-06-2022
DATE



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Laura to confirm budget.

~~Recommended / Not Recommended~~

Ensure this is in the budget allocation with correct codes.

L. Rambaran

Mr L Rambaran
Chief Financial Officer

23/06/2022.

DATE

~~Approved / Not Approved~~

G.N. Ngcobo

Mr G.N Ngcobo
Head Of Department

24/6/22

DATE