

Invitation to Tender

Optimisation of AITI's IT Network Infrastructure

Reference:	AITI/8/1/ Optimization IT Network Infrastructure 08.21
Opening Date:	Thursday, 23 September 2021
Closing Date:	Thursday, 28 October 2021 at 3:00pm
Procurement Focal Person:	Rabiatul Moneerah Binti Haji Mansor
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Information Day:	TBC
Tender Fee (non-refundable):	BND 100.00

EXECUTIVE SUMMARY

This executive summary contains the high-level scope of work involved in the project.

1. The objectives of this project are:

- 1.1. To upgrade and replace obsolete network appliance equipment with latest version;
- 1.2. To provide Load Balancer, Firewall Appliance, Network Switch, and Network Monitoring Solution from reliable, reputable, and trustworthy brands;
- 1.3. To enable a robust, scalable, reliable, high-speed, high-available, secured, clustered virtual server and network architecture; and
- 1.4. To improve the overall performance of networks and applications as well as to enhance security, enabled with strong data protection capabilities.

2. The high-level scope of work involves:

- 2.1. Load Balancer for E-mail Services with 10G capabilities; preferred products – Kemp and Fortinet;
- 2.2. Load Balancer for Online Application Web Services with Web Application Firewall (WAF) features, and 10G capabilities; preferred products – Kemp and Fortinet;
- 2.3. Network Switch Equipment and Cabling for Backbone Core Computer Network Infrastructure with 10G capabilities; preferred products – Cisco and HP-Aruba;
- 2.4. Network Firewall Appliance for Internal Network Protection with 10G capabilities; preferred products – Cisco and Fortinet;
- 2.5. Network Monitoring Solution;
- 2.6. Professional Services;
- 2.7. Training and Knowledge Transfer;
- 2.8. Acceptance Tests;
- 2.9. Warranty; and
- 2.10. Maintenance and Support Services.