**.MU Select Committee - Technical Proposal**

**Human Resources**

The registry will need to employ at least 3 technical staff (2 Engineers and 1 Administrator) for the daily management of the .MU Registry. Administrators tasks will include but will not be limited to the installation of upgrades/patches of the registry software on the registry servers, ensure that servers are always up-to-date and the provision of support to the registrars either by phone or by email.

**Registry System & Software**

At the beginning, the registry will require the following configuration:

1. Four (4) DNS Servers
   1. Two (2) of the DNS Servers can be obtained for free from **Packet Clearing House** <https://www.pch.net/technology/anycast.php> and **ISC** <http://isc.org> for the anycast DNS Service.
   2. The other two (2) DNS Servers will be hosted in Mauritius
2. Two (2) Registry Servers
   1. The registry servers host the registry database, registry software, Extensible Provisioning Protocol (EPP) Server and whois server.
   2. They will be hosted in Mauritius.
3. Registry Software
   1. It is recommended to use the CoCCA Registry System - <http://www.nic.cx/srs/> as it is ready made, well maintained and is free to use.
   2. The software support EPP and Whois Server is also included.
   3. The software can easily be customized via the admin interface in respect of the policies of the registry.
   4. Support & Training can be provided by CoCCA.
4. Two (2) Dedicated High Speed Internet Connection for the primary and secondary sites
   1. At least 1 Mbps connection each with router and firewall.
5. Two (2) data centres at separate location for hosting of the registry servers and the DNS Servers.
   1. Equipped with UPS, power generators and security features.

**Training and Consultancy**

It is recommended that the registry takes a support contract with the registry software developer for the training of and support to the administrators of the registry.

**Cost Breakdown**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **One Time/Setup Cost (Rs)** | **Recurrent Cost (Rs)** |
| **1** | **Human Resources** |  |  |
| 2 Engineers + 1 Administrator |  | 2,000,000.00 |
| **2** | **Registry System & Software** |  |  |
| * Two (2) Local DNS Servers | 400,000.00 |  |
| * Two (2) Registry Servers | 400,000.00 |  |
| * Two (2) Servers (Software Development) | 400,000.00 |  |
| * Registry Software |  |  |
| * Two (2) Dedicated High Speed Internet Connection (1 Mbps each with router and firewall) | 200,000.00 | 1,600,000.00 |
| * Two (2) data centres (Primary and Secondary Sites) |  | 2,000,000.00 |
| **3** | **Training and Consultancy** |  |  |
| * Training of Administrators | 500,000.00 |  |
| * 24/7 Support for the Registry Software |  | 1,000,000.00 |
|  | **Total Cost (Rs.)** | **1,900,000.00** | **6,600,000.00** |

**Note:** The above prices are subject to implementation and the prices are indicative only.