HSRC

Cloud hosting for various HSRC websites

1.   Background

The Human Sciences Research Council (HSRC) is a research organisation that advances social sciences and humanities for public use. The HSRC subscribes to the values of good governance, accountable public administration and sound management of the resources as reflected in the Public Financial Management Act of 1999 (PFMA as amended by Act 29 of 1999) and other laws and regulations applicable to public administration.

Established in 1968 as South Africa's statutory research agency and has grown to become the largest dedicated research institute in the social sciences and humanities on the African continent, doing cutting-edge public research in areas that are crucial to development.

Our mandate is to inform the effective formulation and monitoring of government policy; to evaluate policy implementation; to stimulate public debate through the effective dissemination of research-based data and fact-based research results; to foster research collaboration; and to help build research capacity and infrastructure for the human sciences.

2.   Introduction

The HSRC is looking for a suitable service provider to host various business websites for a period of 24 months.

3.   Project Background

The HSRC seeks to host the listed internally managed websites to a cloud platform that must provide high security, availability and minimal downtime.

4.   Scope of Work

- **Provide two (2) managed and dedicated servers.**
- Provide hosting for the listed websites below in the above managed and dedicated servers.
- Provide SSL certificates for all hosted websites.
- Allow emails from all the hosted websites. *email credentials to be provided.
- Allow for creation of new websites with sub domains.
- Provide minimum of 32GB ram per server.

- Provide minimum of 3TB storage space per server with ability to scale up on request.
- Perform daily backups of the servers, and allow access to backups on request.
- Allow for loading of different types of databases including MSSQL, MySQL, and PostgreSQL.

4.1   Key Requirements

- Bidders should indicate availability of backup electricity power to ensure uninterrupted service / high availability. Please include accreditation certificate to show compliance.
- Bidders should provide details of system data backups, to ensure data integrity.

4.2   Technical requirements

Provide cloud hosting for the initial group of websites listed below with allowance to host more:

1. Intranet:
   - MySQL Database
   - Drupal 8
   - PHP 7
   - Linux

2. HSRC Archive Website
   - MySQL Database
   - Custom framework
   - PHP 5
   - Linux

3. Research Management System
   - Oracle Database
   - Code Igniter 2
   - PHP 5
   - Linux

4. Curation
   - MySQL Database
   - Custom framework
   - PHP 5
   - Linux

5. Virtual Library
    - MySQL Database
    - Custom framework
    - PHP 5
    -Linux

6. ERKC Hub:
    - MySQL Database
    - Drupal 8
    - PHP 7
    - Linux

7. Pan Archive:
    - MySQL Database
    - Drupal 8
    - PHP 7
    - Linux

8. RedCap
    - MySQL Database
    - Custom framework
    - PHP 7
    - Linux

9. Library
    - MySQL Database
    - Custom framework
    - PHP 7
    - Linux

10. Interns Portal
    - MSSQL Database
    - Custom framework
    - CSharp
    - Windows

11. Reports Portal
    - MySQL Database
    - WordPress
    - PHP 7
    - Linux

12. Technical proposal evaluation criteria

Criteria	Points
EXPERIENCE	**25**
Provide a minimum of 5 years' experience: (Company profile) Proof that the Service Provider has been in existence and providing the requested product / service: • Less than 5 years' experience (0 points) • Between 5 - 7 years' experience (15 points) • More than 7 years' experience (25 Points)	25
TRACK RECORD	**35**
Provide minimum three (3) relevant contactable references, with reference letters of where the required services were provided over the past five (5) years. • No references (0 points) • One reference (10) • Two references (20) • 3 or more references (35)	35
Qualifications and Response to Scope of Service	40
Indicate experience / details of engineer(s) allocated to manage this service to the HSRC's dedicated servers. CV's must be included, indicating experience in data centre, virtualisation and cloud computing. • Less than 3 years' experience (0 points) • Between 3 - 5 years' experience (25 points) • More than 5 years' experience (40 Points)	40
Total	100

A minimum threshold of 70 points will qualify bidders for selection into the next stage.