WesBank

Statement of Work (SOW): Resource Capacity – FleetActiv

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**Overview**

WesBank Corporate IT takes care of the technology platforms and business applications used in the business of WesBank Corporate. The company coexists with other sister companies under the WesBank Group (a division of FirstRand Group). The IT services and platforms are shared among the FirstRand Group (including WesBank Group).

The software development lifecycle (SDLC) involves all the roles (i.e. Solution architecture, system analysis & design, business analysis, software development testing and service management) with the WesBank Corporate IT. The prevailing software development teams are divided into two (Java and Microsoft development).

There are three major systems currently used to support the lines of business – the systems are:

* **FleetPortal:** This is used to manage Fleet, view statement ,do license renewals, check vehicles that are due for replacement, view vehicles that are operating over and under and the ones that are operating inline. Vehicle is running over its contract kilometers (over utilized) and excess charges   
  will apply if not adjusted. Vehicle is running under its contract kilometers (under utilized).
* **Power BI reports:** Power BI puts business intelligence creation into the hands of analysts who can extract source data, create a dataset, transform or manipulate the data, visualize the data and publish the resulting reports and dashboards. For progressive or iterative analysis, analysts can evolve the BI with new measures or dimensions without requiring IT involvement, currently there is need for this tool at WesBank they are planning to roll it out to the entire Bank ,Invoiceworx can develop reports using Power BI and offer training to the business and the users .
* **FleetActiv:** This is used by the Full Maintenance Leasing (FML) business for fleet rental and maintenance to business customers to run their books. The system is developed in C++ and using the Microsoft Foundation Class (MFC). At the database layer, it uses Ms SQL Server 2012. The development IDE is Ms Visual Studio 6. It used to be a COTS acquired from FleetActiv Software Solution. However, it has since been significantly customized for WesBank.
* **Credit Online (CRO)**: This is in-house developed system deals with credit approvals (revolving or reducing), discretionary credit approach and the management and administration of collaterals (securities). It is developed in java using the J2EE Framework running on WebSphere and Oracle database.
* **Financial Credit System (FCS):** This is based on COBOL and runs of the IBM mainframe. It covers acquisition, management and administration of deals over a range of movable assets for corporate customers.

These systems interface to other systems within the FirstRand Group. Active Directory (AD) is the mechanism used for authentication. The environment has footprints of Microsoft, Oracle and some IBM amongst others as the prevailing frameworks.

**Scope of Work**

The immediate need covered under this SOW is for

1. Running and maintaining FleetPortal system
2. Creating Power BI and SSRS reports
3. Running and maintaining FleetActiv system
4. Enhancing existing capability and test using automated testing
5. Developing new capability and test using automated testing
6. Introducing new technologies with the Manager as the lead
7. Be available when capability is deployed to resolve production issues during the High-Care period.

The above are essentially the outcomes of this statement of work. We believe that the following resources are required in the two teams (Software Development and Testing teams):

* **Software Development:**
  + Three (3) senior C++ developer
  + The work involves C# and C++ coding, Ms SQL (SQL Scripts), MFC, Reports(Power BI and SSRS), Framework .net 4.6.1,IIS 7,ASP.NET MVC, Entity framework (object-relational mapper),ASP.NET membership, Razor view engine.
  + The ability to design and refactor code
  + The management of this work will be with the team lead
* **Testing**
  + One software test analyst
  + The resource will work under the team lead for Testing
  + Skills and capabilities required include; automated testing, test planning amongst others.
  + This requires working with the existing tester, upskilling them on automated testing
  + The management of this work will be with the team lead

The services provided must include quality of work covered by the agreement and the performance management jointly with WesBank. The Quality Assurance manager for WesBank Corporate will monitor the quality of work at agreed stage gates.

All the work will done in-house; therefore, the resource need to sit in WesBank.