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1.1 Oracle Application Testing Suite for Applications Testing and Test Automation Services

(1) Objectives

Improved test automation by implementing Oracle Application Testing Suite (OATS) and providing test automation services.

(2) Benefits

(1) Improved time to market and lower testing efforts and duration with test automation

(2) Increased efficiency in testing output and reduction in testing activities by automating test cases.

(3) Scope

Supplier will:

(1) setup OATS to maintain the Test Requirements through Oracle Test Manager;

(2) use Oracle Automation testing to automate Oracle as well as Line of Business Applications. Automate 20 Test Cases per month;

(3) Test Automation Framework along with Proof of Concept will be completed in first 3 Months of Steady State for the Applications in scope. Automation Testing will be supported on the IE and Mozilla Browers only;

(4) In addition, CTD tool will be proposed for the Test Automation Coverage and Test Optimization;

(5) Provide Oracle SMEs/consultants to help the Automation Team on the test case Navigations;

(6) perform Automation test by automating repeatable, reusable tests cases using tools and enabling execution that helps provide speed and reliability; and

(7) perform regression testing to ensure that defective elements are not introduced into functioning production solutions or previously tested solutions.

Ma'aden will:

(8) provide the OATS Licenses and provide the required infrastructure for hosting this on their environment.

(4) Deliverables

Oracle Application Testing Suite Implementation (OATS) Completion Report.

S. No	Document	Action	By
1.	OATS Completion Report	Create	Supplier

(5)   Acceptance Criteria

Supplier will have fulfilled its obligations when the OATS Implementation Completion report is submitted to Ma'aden. OATS Implementation Completion report is Microsoft Word document and consists of:

(1)   Test Automation Process

(2)   Test Automation framework

Sample test Cases automated as proof of concept

6.7   Testing and Test Automation Services
(a)   Supplier will perform the following testing Services for incidents and enhancements build by Supplier for the Applications listed in Section 6.3:
(i)   develop functional, system test plans and schedules;
(ii)   conduct system testing and system integration testing:
(iii)   record and report test results to Ma'aden, as requested;
(iv)   complete test documentation;
(v)   verify compliance with Ma'aden's testing specifications and requirements;
(vi)   setup Oracle Applications Test Manager (OATs) for Test Case Management; and
(vii)   develop Automated Test scripts (up to 20 scripts/ month) as part of the Regression Testing using OATS Tool.