LSST Cloud Study Statement of Work

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Abstract

We propose to study various aspects of cloud deployment for LSST pipelines and services. This statement of work would be used as the basis of an outsourced contract to get inputs on the viabiliat and cost of public and private cloud optios.

Document History

Issue	Revision	Date	Author	Comment
D	1	2017-01-dd	WOM, KT	First draft

Contents

1 Introduction

1.1 Scope

This document describes the activity to be executed and the deliverables required by LSST Data Management the in relation to the LSST Cloud Study . It will be part of the Contract and shall serve as an applicable document throughout the execution of the work.

1.2 Background and Motivation for the Activity

Describe here why we want this work done especially the motivation. Use subheading to structure accordingly.

1.3 Objectives

Can you succinctly say what we hope to get from this work ?

1.4 Risk Factors

What can you identify as potential problems the contractor should take note of up front. Of course the contractor should perform their own risk assessment as well.

1.5 Applicable Documents

When applicable documents change a change may be required in this document.

?   DM Plan
?   Other applicable doc

1.6 Reference Documents

1.7 Definitions, acronyms, and abbreviations

The following table has been generated from the on-line Gaia acronym list:

Acronym	Description

DM	Data Management
LSST	Large-aperture Synoptic Survey Telescope
SOW	Statement Of Work
WP	Work Package

2   Organisation and Schedule

2.1   Organisation

What structure is this contract feeding into .. DM ? LSST ? – Org chart and reporting line.

Who will be the technical officer and the contracts officer?

Does this feed into other activities?

Perhaps have a stakeholders subsection if appropriate.

2.2   Schedule

We would like to commence this activity by ?

We would like to close this activity out after NNN months.

Payment milestones ..

2.3   Payment plan

If appropriate – XX on kick off - YY on Milestone 1..

3   Work to be performed

The following section provides the description of the work packages to be performed. It is envisaged that the WPs specified below will require a flexible response from the contractor and his industrial team.

3.1   WP-01: Some work we want done

Description of the work to be done

Can use requirements labels to tag paragraphs for traceability..

WP-1-020	1.0	AUTO	Draft
The important piece of work will be done in such and such a manner. . . .			
Parent:			

3.2   Project Management, Reporting and Meetings

3.3   Management

MNGT-020	1.0	AUTO	Draft
The contractor shall nominate single points of contact for all managerial aspects of the contract.			
Parent:			

MNGT-040	1.0	AUTO	Draft
The contractor shall propose a list of staff (contractor and subcontractor as appropriate) together with their area of relevant expertise and contact details as part of his offer. This list shall be maintained for the duration of the contract.			
Parent:			

MNGT-060	1.0	AUTO	Draft
The contractor shall inform LSST of planned changes in the availability of staff in support of the above tasks.			
Parent:			

3.4   Reporting

MNGT-080	1.0	AUTO	Draft
The contractor shall provide a progress report on the status of his activities, support provided, status of anomaly investigations, etc. This report shall cover all WPs described in the SOW and shall include contributions from sub-contractors as required.			
Parent:			

MNGT-100	1.0	AUTO	Draft
The frequency of reporting shall be XXXX			
Parent:			

MNGT-120	1.0	AUTO	Draft
The contractor shall provide a separate financial report (once per quarter), which shall detail the expenditure and effort spent per work-package including manpower, travel and cost items.			
Parent:			

3.5   Meetings and Travel

MNGT-140	1.0	AUTO	Draft
The contractor shall support progress meetings (on an agreed frequency monthly/quarterly), which will take place at the contractor's premise. In addition, ad-hoc meetings/web- or teleconferences in support of the above work packages (Section 3).			
Parent:			

MNGT-160	1.0	AUTO	Draft
The contractor shall be available and plan for other ad-hoc meetings not at their premises... *roughly how many and how long*			
Parent:			

4   Deliverables

What we expect - perhaps per work package if it is broken down like that.

5   LSST undertakings

We will deliver as input to WPx ..