

**County Information Services  
Department Quote for Fiscal Indicators  
Project**

**Attachment 2**

**County of San Bernardino**  
**Local Agency Formation Commission**  
**Fiscal Indicators**

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## **Overview**

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LAFCO tracks financial information for different entities throughout the County. In order to make this data easily accessible to the County, cities, special districts, and the public, LAFCO would like to create a streamlined way to display this data. The goal is to make the data easily understandable and accessible to users of the website.

## Report Definition

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Instead of using a database with user interface, an option to define the reports is to use an XML document. This document will be in a specific format that will allow LAFCO to define the relationship between City/County or Special District and their related entities. ISD will create the XML definition that the Report Generator will use. Fields that will be mapped are:

1. Columns for the specific report data
2. Graph descriptions
3. Subsidiary district linking

## Report Generator

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The Report Generator is the engine that will create the reports for the website. This will be based on Excel spreadsheets and data field mapping that is defined in the XML document.

The mapping will allow for LAFCO to create more reports independently of a programmer.

The file checker will monitor a central location on the ISD servers where LAFCO will place the Excel files. The process will monitor this area for new or updated files. When it discovers a new or updated file, the file checker will trigger a process that will regenerate the report. The files that are generated will be immediately accessible from the website.

All reports will be based on a generic report format supplied by LAFCO:

**CITY OF HESPERIA**

Report Generation 8/9/2013  
[Print to PDF](#)  [Data](#)

[To access the Hesperia Fire Protection District, a subsidiary district of the City of Hesperia, click here.](#)

[To access the Hesperia Water District, a subsidiary district of the City of Hesperia, click here.](#)

**Unreserved Fund Balance**

**Description**

General Fund balance of less than two months of expenditures exposes the General Fund to the risk of not being able to meet cash flow requirements, economic uncertainties, or other financial hardships.

**Interpretation**

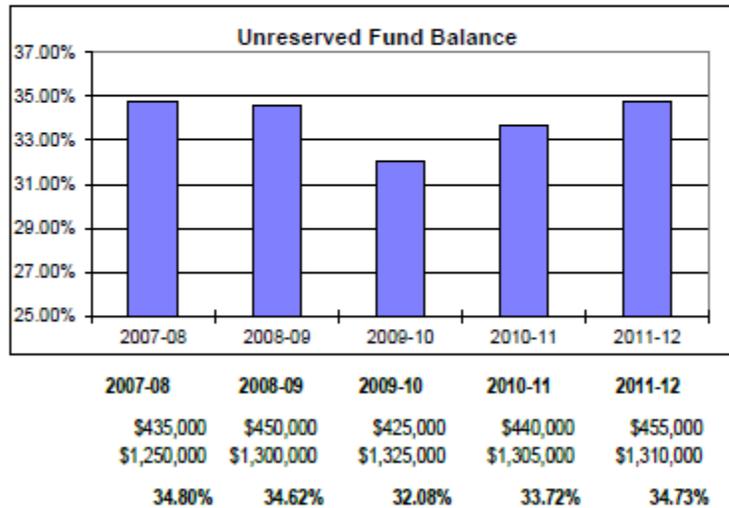
Change in unreserved fund balances as a percentage of operating revenues

**Formula**

$$\frac{\text{Unreserved Fund Balance}}{\text{Net Operating Expenses}}$$

**Source**

Statement of Activities;  
Statement of Revenues,  
Expenditures, and  
Changes in Fund Balance



ISD will create this generic report. The report generator will take the generic report and customize the output for each report declared in the mapping.

## Estimate

The following estimate provides costs for the requirements outlined in this document.

Description	Total Hours
Report Generator	
Mapping Interface	10
File Checker	40
Dynamic Report Generator	60
Acceptance Testing – First Iteration	
Customer Testing – (2 days)	
Mediate Issues as needed	10
Acceptance Testing – Second Iteration	
Customer Testing – (2 days)	
Mediate Issues as needed	2
Implementation into production	1
<b>Total Estimated Hours:</b>	<b>123</b>
<b>Programming Cost @ \$107.15/hr</b>	
<b>Total:</b>	<b>\$13,179.45</b>