TECHNICAL STEERING COMMITTEE ASSESSMENT & RECOMMENDATION

At the request of

THE JUSTIS GOVERNANCE COUNCIL

For the

2011-13 PD IT AUTOMATION PLAN

Requested by

SFPD CIO SUSAN GIFFIN

October 2011

INTRODUCTION

From December 2010 to September of 2011 numerous meetings were held between SFPD CIO Susan Giffin and the JUSTIS Technical Steering Committee (TSC). The purpose of these meetings was to understand the cost, scope, benefits and risk associated with the proposed police department automation project. SFPD CIO Susan Giffin requested a recommendation for funding approval for the project from the JUSTIS Council. As a result, the Technical Steering Committee (TSC) reviewed the project and will present its findings to the Governance Council at the October 2011 meeting.

The current PD request focuses on a project for an Incident system and crime data warehouse. The current funding request is for a "gateway" project that leads directly into a multi-year development effort.

Preliminary project and program documents have been provided consisting of PowerPoint and Spreadsheet overviews and a narrative summation of the work covered by the current funding request.

SUMMARY OF RECOMMENDATION

Based on the current level of documentation and a basic understanding of the scope as presented, the TSC is recommending the Council vote in favor of approving the ~ $500K COIT funding request. The funding will pay for system hardware and Oracle licenses.

The approval recommendation comes with requirements including PD attendance at monthly TSC meetings to review and document this project and the PD Automation Plan. Further, the project recommendation is also based on meetings between JUSTIS, the Mayor's Office and the Police Department. In these meetings a key 6-month effort was defined. The six month (capability demonstration) project provides a key ingredient of immediate benefit to the JUSTIS stakeholders by providing a fast track for the Police Department to move forward with a connection to the hub so that information will be shared with other City departments. The first test data connection to the Hub from the PD Incident system has occurred and the production data will be available within a few weeks. Data MOUs with recipient departments will be completed as soon as practical.

It is within the scope of the TSC to work, as needed, with the Police Department at each of the planned monthly meetings to construct documents that accurately describe how the components; including the incident report systems and crime data warehouse fit into the larger automation plan.

The Chief has stated that if the current plan is not completed in six months time the Police Department will re-evaluate its plan for use of the current RMS beyond providing arrest information through an interface with the Sheriff's Department. Additionally, current plans include moving the PD RMS to the production JUSTIS domain to facilitate a shared data base, use of the JUSTIS statute table and provide integrated administration and standardized system support.

The TSC shall record progress of the projects through the V&V Matrix below and will summarize the findings as part of the TSC update delivered at Council.

PROJECT V&V MATRIX

Requirements		Verified		
		Date	**Deliverables/Comments**	**By**
1.	TSC Meeting Attendance			
1.1	TSC Meeting October 19			
1.2	TSC Meeting November 16			
1.3	TSC Meeting December 14			
1.4	TSC Meeting January 18			
1.5	TSC Meeting February 15			
1.6	TSC Meeting March 14			
2.	Project Phase II includes Six Months Development Demonstration			
2.1	Incident System using CABLE System Data due by Oct/Nov-2011			
2.1.1	Connect Incident system to Hub by Oct/Nov-2011 (JUSTIS MOU for go-live & individual stakeholder MOUs to follow)			
2.2	Oracle IRIS User Interface replacement for Incident System by Jan-2012			
2.3	RMS moved onto JUSTIS Server for Bookings Jan-2012			
2.3.1	Use updated Unified Statute Table w/BCS Codes			
2.3.2	NWS RMS>JMS Interface Specified by SD and delivered by NWS Jan-2012 (TBD NWS schedule)			
3.0	PD Automation Phase III (LERMS)			
3.1	24 PD Subsystems Analyzed & Prioritized – CABLE replacement (funding required)			
4.0	PD Automation Phase IV (Predictive Policing – funding required)			

The following image was taken from the SF PD Crime Data Warehouse Project PowerPoint provided to the TSC.

Crime Data Warehouse - Schedule

2011-2013

Month 1	Month2	Month3	Month4	Month5	Month6	Month7	Month8	Month9	Month10	Month11	Month12

Phase 1 – Compstat Proof of Concept

Phase 2 IRS Replacement

Phase 3 – Records Management/ Data Warehouse

Phase 4 – Predictive Policing

Phase 1 – Compstat Proof of Concept – Create database to house crime data – perform manual updates to the datbase and create new reports to track and account for crime by District Station

Phase 2 - IRS Replacement – Create searchable crime database, Replace IRS (Incident Reporting System, include CopLogic community crime feed, Field Interview Cards, Geo-coding, Officer ID integration with PeopleSoft, data pulled from 911 CAD system

Phase 3 – Data Warehouse, Dashboard Reports, Geo-coding refinement, analysis of IRS as system of record, fingerprints, mugshots, citations, integration with Bay Area Crime Data, Integration with JUSTIS hub

Phase 4 – Predictive Policing, Accidents, Access in police vehicles, Gang information, creation of jackets of data online including videos, pictures, other documents