9. Introduction

This section discusses special considerations for development of Architecture and User Requirements documents, identifies deliverables, and presents detailed schedule and resource information.

9.1 Special Considerations

The items discussed below have been identified as issues that must be addressed during development. The estimation and scheduling process has included their impact.

We had an Architecture Discovery session, and shall have an Architecture Review before baselining the Architecture.

There is limited additional work on requirements beyond the RFP, given the simple nature of the system. It is necessary, however, to define the interfaces among the various computers. It is stated that the workstation-IBM/UNIX interfaces are well documented and that the documentation is correct. We anticipate that this needed to be confirmed at a minimum.

9.2 Deliverables

The following product definition deliverables are required:

Deliverable	Supplier	Customer	Accept Criteria	Due Date	CWV	Actual Date
Architecture						
Preliminary Architecture	F. Lloyd Wright	Project Manager	Arch Review	4/14		
Final Architecture	F. Lloyd Wright	Project Manager	Arch Review	8/15		
Requirement						
CCPS Transaction Specification	R. Q. T. Writer	ATCO	Arch Review	5/14		
IBM Interface Specification	R. Q. T. Writer	ATCO	Arch Review	6/14		
UNIX Interface Specification	R. Q. T. Writer	ATCO	Arch Review	7/14		

9.3 Development Estimates

9.3.1 Estimation Approach

The estimates were based on using the Delphi Method.

9.3.2 Scope of Estimates

The estimates include every thing included in our project including Preliminary Achitecture, user documentation, requiremnets and specifications, software, hardware, testing user training, and support and installation.

9.3.3 Estimation Results

The table below shows the estimation results for the definition deliverables of CCPS. User documentation, project documents, hardware, and software development are treated separately. The data below corresponds to the intervals shown in task lists and Gantt charts.

The estimates include every thing included in our project including design, code, unit testing, and documentation.

Deliverable	Size	Duration	Effort
Preliminary Architecture	100	3 days	300
User Documentation	200	50 days	10000
Unit Tests	55	69 days	3795
Design	250	78 days	19500
Planning	100	11 days	1100

9.4 Detailed Scheduling

The detailed scheduling is handled in the task list.