Air Quality Excess Emissions Reporting

IMPLEMENTATION CERTIFICATION
ENVIRONMENT DEPARTMENT - 2/22/12

PURPOSE OF THE REQUEST

Why is environment department seeking implementation certification for this project?

After successful pilot project Air Quality Bureau sees value in implementation of working web application for use by the regulated communities to report excess emissions

(See Project Abstract section of the implementation certification document)
BACKGROUND

- Federal Clean Air Act requires facilities to submit reports of emission events in excess of permitted amounts.
  + New Mexico Environment Department (NMED), Air Quality Bureau (AQB) receives 2000 to 4000 reports per year.
  + NMED AQB wishes to develop an information system capable of receiving excess emissions reports electronically from the regulated community.

SCOPE OVERVIEW

- The scope for Implementation Phase 1 – Deployment to production (base feature set) is to deploy a web application that meets the base requirements for regulated facilities to report excess emissions to the Air Quality Bureau (See Project Abstract section of the implementation certification and the IT professional contract amendment awaiting DoIT signature)
SCHEDULE OVERVIEW

- FY11 – Requirements Definition and Work Flow documentation – completed, 2/11/11
- FY12 – Pilot development and demonstration of key application functionality to subset of users – completed, 11/9/11
- FY12 – deliver Implementation Phase 1 – Deployment to production (base feature set) – due date 6/30/12, contract amendment term date with a projected start date of 3/1/12
(See Major Deliverables section of implementation certification document)

BUDGET OVERVIEW

- $98,419.60 – additional required for contract amendment to deliver Implementation Phase 1 – Deployment to production (base feature set)
- $67,198.80 already paid against original contract for pilot delivered on 11/9/11
- Funding sources:
  + OSF - New Source Review Air Quality Permit fees
  + OSF - Title V Air Quality Permit Fees
  + FF - EPA Clean Air Act Section 105, Air Pollution Control Program Grant FY12
RISKS

- **Risk 1:** Loss of funding (minimal risk, funding requested is for the current fiscal year)
- **Mitigation 1:** Project will stop, contract terminated as defined in termination clause
- **Risk 2:** Training and Rollout of application to regulated facilities (minimal risk, training to facilities conducted previously)
- **Mitigation 2:** Business owner training sessions and communications plan with facility users

SUPPORT - IMPLEMENTATION PHASE 1 DEPLOY TO PRODUCTION

- Support provided by NMED IT
  - Contract includes delivery of knowledge transfer
  - Contract includes delivery of application deployment package with all source code and database object creation scripts
  - NMED technical runtime platform requirements specified in the requirements specification document