

# Department of Environmental Protection Division of Air Resource Management: Air Resources Management System (ARMS) Enterprise 24x7 Inc. Project Summary

## Overview

The ARMS provides facility information including permit restrictions and compliance activities. This Oracle Forms application offers a main transactional system for Air staff to submit and review compliance, inventory, and permitting data. It feeds to and receives data from numerous ancillary applications using export/import processes. A multitude of reports, written in ASP, are available. Enterprise 24x7 Inc provides IT consulting services to assist DARM with the completion of Information Technology (IT) service requests. Service requests are related to software applications and systems designed for the support of programs, processes and other activities implemented for the purpose of developing, deploying and maintaining the ARMS application.

## E24X7INC Services

The E24X7INC **Manager of Applications Development** coordinated systems analysis and applications development activities through direct and indirect staff. The Manager directed development teams in the areas of scheduling, technical direction, future planning and standard development practices. He participated in quality improvement activities for the development organization. He monitored scheduled milestones to ensure project/ program objectives were met in a timely manner and possessed in-depth knowledge of the principles, theories, practices and techniques for managing the activities related to planning, managing and implementing systems analysis and applications development projects and programs.

The E24X7INC **Applications Development Analyst** worked closely with the application users & owners, business analysts, and team members to understand the business requirements that drove the analysis and design of quality technical solutions. Those solutions had to be aligned with business and IT strategies and comply with the organization's architectural standards. She was involved in the full systems life cycle and was responsible for designing, coding, testing, implementing, maintaining and supporting applications software that was delivered on time and within the agreed budget. She made recommendations towards the development of new code or reuse of existing code. Her responsibilities also included participation in component and data architecture design, performance monitoring. She had years of experience in systems analysis, design and a solid understanding of development, quality assurance and integration methodologies.

The E24X7INC **System Analyst (SA)** was responsible for the design and development of IT system enhancements and new features. The SA developed design and functional specifications, produced deliverables related to the project(s), assigned and assisted in post implementation support and system enhancements. Responsible for applying appropriate C.A.S.E. tools to develop system features. The SA was responsible for gathering, compiling and synthesizing information with regard to technology processes and systems. The SA was involved in the full systems life cycle and was responsible for designing, coding, testing, implementing, maintaining and supporting applications software to ensure each new feature was delivered on time and within budget.

## Technologies Leveraged

- Oracle Forms
- Oracle Database
- PL/SQL
- Java/JEE
- VB, C++
- .NET
- MSOffice
- JIRA