



GM WFG Skilled Trades Estimation Tool

PROJECT SUMMARY

**Location**

85 North American WFG Facilities

Total Investment

\$800,000

Project Type

Engineering Services for Improved Maintenance Operations

Role

Program Management
Onsite Inventories
Engineering Services
Maintenance Operations
Systems Development
Database Programming

Scope

WFG Maintained GMVM, GMPT, MFD, SPO & Non-Manufacturing Facilities

Project Objectives

The primary objective was the creation of a comprehensive facilities equipment asset data base from which required Preventive Maintenance work content could be measured to determine estimated Skilled Trades headcount requirements by journeyman classification, equipment asset category, facility structure, plant site and platform.

Relevance

The most recently completed project relevant to this RFPS performed by the same Global Performance team bidding for this assignment was Phase I of this WFG program...the development of the WFG Skilled Trades Estimation tool.

Project Results

The scope of Phase I encompassed essentially the same 85 multi-platforms of manufacturing, SPO and non-manufacturing sites in North America maintained by WFG. A master facility equipment asset inventory database was established via multi-team actual on-site field surveys. Industrial Engineering indirect labor standards were then applied by craft and equipment category. The Estimation Tool utilizing an MS Access database with import/export MS Excel templates was programmed and fully operational within the approximately three month planned schedule at a cost of about \$800,000. A more comprehensive understanding of Global Performance's approach and execution of this complex project can be achieved by review of the Global Performance Project Manager's "Close-Out Report" summarizing the entire project management.

Client Contact

The assigned GM Project Manager was Michael S. Fleeter reporting to James A. Denton, Industrial Engineering Manager, World Wide Facilities Group, GM, Mail Code 483-631-810, Pontiac Office (Phoenix) Center, 31 E. Judson St., Pontiac, MI 48342-2230. The telephone number is 248-874-0504.