Program Cost Tracking System (PCTS) Data Analytics Tool

USPS-OIG Contract Fraud Investigations Division
• Program Cost Tracking System (PCTS) Tool
  – Agenda
  1. USPS-OIG Project Objective
  2. Video Demo
     a) Contract View, Vendor View, Employee View
  3. Tripwire examples
     a) More than 8 hours on multiple delivery orders
     b) Multiple labor categories and/or levels
     c) Weekends and Holidays
  4. IG Community Project Objective
  5. Contact information and Questions
• Program Cost Tracking System (PCTS)
  – Postal database to facilitate project planning and monitoring of a contract’s financial welfare
  – Centralized reporting tool for suppliers to provide contractor timekeeping
  – Tracks contractor employees' hours and costs by contract and delivery order
  – Not used on FFP contracts
• **Project Objective**

1. Utilize data analytics to identify various labor cost mischarging fraud schemes, including:
   - Billing more than 80 hours per pay period
   - Billing hours simultaneously on multiple contracts/DO’s
   - Billing at a rate higher than qualified for
   - Billing for onsite rates when offsite (COVID-19 pandemic)

2. Research correlation between billing hours and periods of performance for suppliers with both FFP and T&M contracts
   - Moving FFP costs or resources to T&M invoices at end of year
• Tripwire 1 - Working on multiple contracts
  – IT developer contract employee
    • Worked full time for Perspecta on USPS T&M contract
    • Worked full time for ECS Federal on USPIS T&M Contract
    • Worked part time on US State Department FFP contract
    • Worked commercially in private aircraft sales

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• Tripwire 2-Multiple Labor Categories and Levels
  – IT Contractor Northrop Grumman for Technical Support and Enterprise Technology Services
  • Determined significant billing for labor services for which the employee did not have requisite education or experience

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• Tripwire 3-Weekends and Holidays
  – Excessive billing at end of periods of performance
  – Uncommon billing on weekends and holidays
• IG Community Project Objective

1. Collaborative analysis to determine shared vendors and potential cost mischarging fraud schemes, including:
   • Employees billing more hours than possible per pay period
   • Employees billing hours simultaneously on contracts from different agencies
   • Moving costs from one agency to another

2. Research correlation between billing hours and contract periods of performance for potential machine learning
Contact Information

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