City of Philadelphia

Request for Information for a Workforce and Asset Management And Building Information Modeling (BIM) System
A Brief History

• 2012: A study is undertaken and completed detailing the need for an Asset Management system, aka “The Tom Knox study.”

• 2014-2015: Procurement of Asset Management / basic Building Information System

• 2016-2017: IWAMS and InVision are built and tested

• 2017: UAT and delivery of IWAMS

• 2018-19: UAT and delivery of InVision
Solution Overview

The GIS-driven display system will be the governing application, and all information will either flow from or to that application from the other applications.

The proposed solution will eventually include the anticipated solution requirements listed in the RFI

Respondents do not need to provide all of the proposed solutions, but must be able to integrate with the below application
Core Requirements

- General Requirements
- GIS-driven display system
- For the Work Order system
- For the Inventory System
- For the Building Information Modeling (BIM) System
- Anticipated Optional Application Specifications
The Ideal Solution

Workforce Management System: including work orders, time, materials and inventory

Capital Program

GIS-based Decision Support Tool

GIS-based Asset Management Driver Application

Energy Utilization

3D BIM

CAD-based 2D BIM and Space management

Lease and Move Management

AutoCAD

Historical Design PDFs / Drawings

OnePhilly

Scan / Upload and Verify

Bi-directional API

API

API

API

API

API

API

API

API

API

API

API

API
Submission Guidelines

• Company Overview
• Experience
• Product/Software Solution
• Infrastructure, Data and Architecture Model
• Key Features
• Support and Maintenance Model
• Training Model
• Reporting & Key Performance Indicators (KPIs)
• Pricing/Licensing Model
Next Steps:

• Questions due September 20, 2019 before 5:00 PM (Local Philadelphia Time)

• Responses due October 11, 2019, 5 PM (Local Philadelphia Time)
Any questions?

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