



EOI - RAIL ASSET MONITORING PLATFORM

QUESTIONS AND ANSWERS

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Question 1: Scope and Vendor Ecosystem - Does SEPTA expect a single vendor to handle both hardware and software, or is SEPTA open to a prime/subcontractor partnership?

Answer 1: SEPTA is open to prime/subcontractor partnerships if a single unit of the partnership is identified as the responsible integrator.

Question 2: User Interface & Integration - What specific CMMS, ERP, and GIS systems are currently in use?

Answer 2: This question will not be answered at this time. Please respond with ability/limitations to integrate with these types of systems (with examples). Detailed SEPTA specific integration needs will be determined at the RFP stage.

Question 3: User Interface & Integration - How many field personnel and operational users will need access?

Answer 3: Please respond with your system's abilities and limitations for individual access. Include how individual access is structured and controlled. Detailed SEPTA specific needs will be determined at the RFP stage.

Question 4: User Interface & Integration - Do field workers require offline capabilities?

Answer 4: Please respond with your system's abilities and limitations for offline capabilities. Detailed SEPTA specific needs will be determined at the RFP stage.

Question 5: Predictive Analytics - Does SEPTA currently have a data lake/warehouse?

Answer 5: Responses should assume no existing data lake/warehouse. They should be submitted as a start from scratch initiative. Detailed SEPTA specific needs will be determined at the RFP stage.

Question 6: Predictive Analytics - Are there existing machine learning models?

Answer 6: Responses should assume no existing machine learning models. They should be submitted as a start from scratch initiative. Detailed SEPTA specific needs will be determined at the RFP stage.



Question 7: Data Acquisition & Integration - With the goal of integrating IoT sensors across disparate assets, how do you plan to handle the orchestration between real-time telemetry and your system of record to ensure field crews aren't overwhelmed by "noise" or false alerts?

Answer 7: This is a solution that the EOI is meant to discover. Responses should include any/all applicable recommendations for data management. Detailed SEPTA specific needs will be determined at the RFP stage.

Question 8: User Interface & Integration - Beyond just viewing data, what specific offline capabilities do your 9,500+ employees require when performing maintenance in tunnels or areas with poor LTE/5G connectivity?

Answer 8: This is a capability that the EOI is meant to discover. Responses should include any/all applicable abilities/limitations towards offline functionality. Detailed SEPTA specific needs will be determined at the RFP stage.

Question 9: Predictive Analytics - Is the goal to simply store historical failure data, or do you require a platform that can automatically suggest the "Next Best Action" for a technician based on real-time asset health and parts availability?

Answer 9: This is a capability that the EOI is meant to discover. Responses should include any/all abilities for Predictive Analytics. Detailed SEPTA specific needs will be determined at the RFP stage.

Question 10: Reporting and Compliance - When a safety incident or "threshold breach" occurs, how many different systems must a supervisor currently check to see the full audit trail of that asset's maintenance history and the certifications of the technician who last serviced it?

Answer 10: This question will not be answered at this time. Responses should include any/all abilities for threshold breaches. Detailed SEPTA specific needs will be determined at the RFP stage.

Question 11: Technical Approach - As SEPTA evolves, do you prioritize a "closed" EAM ecosystem that handles everything internally, or an "API-first" platform that allows you to easily plug in new sensor technologies or third-party GIS mapping tools without a complete system overhaul?

Answer 11: This question will not be answered at this time. Responses should include recommendations for both cases (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.



Question 12: What specific rail assets are in scope (track, signals, switches, rolling stock, power systems, stations)?

Answer 12: Primarily rolling stock but SEPTA is interested in hearing the capabilities towards all rail assets. They should be submitted as a start from scratch initiative. Detailed SEPTA specific needs will be determined at the RFP stage.

Question 13: Which asset types already have sensors versus those requiring new deployment?

Answer 13: Responses should assume no existing sensors. They should be submitted as a start from scratch initiative. Detailed SEPTA specific sensor needs will be determined at the RFP stage.

Question 14: What specific existing monitoring systems must be integrated? (Please list the systems and vendors.)

Answer 14: This question will not be answered at this time. Please respond with ability to integrate into these types of systems (with examples). Detailed SEPTA specific integration needs will be determined at the RFP stage.

Question 15: What edge computing infrastructure currently exists at SEPTA facilities?

Answer 15: Responses should assume there is no existing edge computing infrastructure. They should be submitted as a start from scratch initiative. Detailed SEPTA specific needs will be determined at the RFP stage.

Question 16: What communication infrastructure currently exists (fiber routes, LTE/5G coverage, radio systems)?

Answer 16: This question will not be answered at this time. Please respond with communication infrastructure type compatibilities and limitations (with examples). Detailed SEPTA specific infrastructure needs will be determined at the RFP stage.

Question 17: What cybersecurity requirements apply to communication networks (encryption, VPN, network segmentation)?

Answer 17: This question will not be answered at this time. Please respond with your anticipated cyber security design approach. Detailed SEPTA specific cyber security requirements will be determined at the RFP stage.

Question 18: What uptime requirement exists for data transmission (99%, 99.9%, 99.99%)?

Answer 18: This is a requirement that the EOI is meant to discover. Responses should include data transmission uptime capabilities/limitations. Detailed SEPTA specific needs will be determined at the RFP stage.



Question 19: Does SEPTA have a preferred cloud provider (AWS, Azure, Google Cloud) or existing cloud contracts?

Answer 19: This question will not be answered at this time. Please respond with your anticipated network design approach/recommendations. Detailed SEPTA specific network requirements will be determined at the RFP stage.

Question 20: Are there data residency or sovereignty requirements?

Answer 20: This will be determined at the RFP stage.

Question 21: What is the expected data volume (TB/day or TB/year)?

Answer 21: This is a data point that the EOI is meant to discover. Responses should include expected data generation volume including system abilities/limitations. Detailed SEPTA specific needs will be determined at the RFP stage.

Question 22: What are the expected peak data ingestion requirements (events/second, GB/hour)?

Answer 22: This is a data point that the EOI is meant to discover. Responses should include expected data ingestion volume including system abilities/limitations. Detailed SEPTA specific needs will be determined at the RFP stage.

Question 23: What is SEPTA's cloud security and compliance framework?

Answer 23: This question will not be answered at this time. Please respond with your anticipated cyber security design approach. Detailed SEPTA specific cyber security requirements will be determined at the RFP stage.

Question 24: What latency is acceptable between data collection and dashboard availability?

Answer 24: This is a requirement that the EOI is meant to discover. Responses should include data transmission latency capabilities/limitations. Detailed SEPTA specific needs will be determined at the RFP stage.

Question 25: What data quality issues exist in the current systems?

Answer 25: Fragmented systems with some overlap and duplications.

Question 26: How many distinct user roles exist (Operations, Maintenance, Engineering, Executives, Safety)?

Answer 26: This is a requirement that the EOI is meant to discover. Please respond with your system's abilities and limitations for user roles. Include how roles can be structured and controlled. Detailed SEPTA specific needs will be determined at the RFP stage.



Question 27: What mobile devices do field technicians currently use (iOS, Android, rugged tablets)?

Answer 27: This question will not be answered at this time. Please respond with your system's abilities and limitations for field technicians. Detailed SEPTA specific needs will be determined at the RFP stage.

Question 28: What mobile capabilities are essential (viewing data, updating work orders, capturing photos/notes)?

Answer 28: This is a requirement that the EOI is meant to discover. Please respond with your system's abilities and limitations for mobile capabilities. Detailed SEPTA specific needs will be determined at the RFP stage.

Question 29: What CMMS/EAM system does SEPTA use (vendor, version)?

Answer 29: This question will not be answered at this time. Please respond with ability to integrate into these types of systems (with examples). Detailed SEPTA specific integration needs will be determined at the RFP stage.

Question 30: What ERP system is in place?

Answer 30: This question will not be answered at this time. Please respond with ability/limitations to integrate with these types of systems (with examples). Detailed SEPTA specific integration needs will be determined at the RFP stage.

Question 31: What GIS platform is used?

Answer 31: This question will not be answered at this time. Please respond with ability/limitations to integrate with these types of systems (with examples). Detailed SEPTA specific integration needs will be determined at the RFP stage.

Question 32: What other enterprise systems require integration (scheduling, inventory, HR)?

Answer 32: This question will not be answered at this time. Please respond with ability/limitations to integrate with these types of systems (with examples). Detailed SEPTA specific integration needs will be determined at the RFP stage.

Question 33: What are the critical thresholds and anomalies that require immediate alerts?

Answer 33: This is a requirement that the EOI is meant to discover. Please respond with your system's ability/limitations to create customizable thresholds and alert responses (with examples). Detailed SEPTA specific threshold needs will be determined at the RFP stage.



Question 34: What is the current alert volume from existing systems, and is alert fatigue a concern?

Answer 34: This question will not be answered at this time. Please respond with your system's alert capabilities/limitations. Detailed SEPTA specific alert/response needs will be determined at the RFP stage.

Question 35: What GIS data layers currently exist (track maps, asset locations, infrastructure)?

Answer 35: This question will not be answered at this time. Please respond with ability/limitations to integrate with these types of systems (with examples). Detailed SEPTA specific integration needs will be determined at the RFP stage.

Question 36: Should GIS integrate with existing systems or remain standalone?

Answer 36: This question will not be answered at this time. Please respond with ability/limitations to integrate with these types of systems (with examples). Detailed SEPTA specific integration needs will be determined at the RFP stage.

Question 37: What geographic analysis capabilities are needed (proximity, corridor views, network topology)?

Answer 37: This is a requirement that the EOI is meant to discover. Please respond with your system's geographic analysis capabilities/limitations (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.

Question 38: What historical failure data is available to train ML models (years of data, completeness)?

Answer 38: This question will not be answered at this time. Please respond with your system's machine learning methods/dependencies (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.

Question 39: Which asset failure modes are the highest priority for prediction?

Answer 39: This question will not be answered at this time. Responses should include any/all abilities for Predictive Analytics. Detailed SEPTA specific needs will be determined at the RFP stage.

Question 40: How are maintenance decisions currently made and prioritized?

Answer 40: This question will not be answered at this time. Responses should include any/all abilities for Predictive Analytics. Detailed SEPTA specific needs will be determined at the RFP stage.



Question 41: Should recommendations integrate with work order systems automatically?

Answer 41: This question will not be answered at this time. Please respond with ability to integrate into these types of systems (with examples). Detailed SEPTA specific integration needs will be determined at the RFP stage.

Question 42: What approval workflow is needed before acting on the recommendations?

Answer 42: This is a requirement that the EOI is meant to discover. Please respond with abilities to create approval workflows (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.

Question 43: What performance trends are most valuable (degradation rates, seasonal patterns, usage impacts)

Answer 43: This is a requirement that the EOI is meant to discover. Please respond with trend analysis abilities (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.

Question 44: How should forecasts inform capital planning and budgeting?

Answer 44: This is a requirement that the EOI is meant to discover. Please respond with trend analysis abilities (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.

Question 45: What specific regulatory reports are required (FRA, FTA, state DOT)?

Answer 45: This is a requirement that the EOI is meant to discover. Please respond with abilities/limitations to create regulatory reports (with examples). Detailed SEPTA specific reporting needs will be determined at the RFP stage.

Question 46: What is the reporting frequency (monthly, quarterly, annually)?

Answer 46: This is a requirement that the EOI is meant to discover. Please respond with abilities/limitations to create regulatory reports (with examples). Detailed SEPTA specific reporting needs will be determined at the RFP stage.

Question 47: What audit trail requirements exist for data changes, user actions, and system events?

Answer 47: This is a requirement that the EOI is meant to discover. Please respond with abilities/limitations to audit data changes (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.



Question 48: What ad-hoc reporting capabilities are needed?

Answer 48: This is a requirement that the EOI is meant to discover. Please respond with your system's reporting capabilities/limitations (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.

Question 49: Should users be able to create their own reports without vendor support?

Answer 49: Yes

Question 50: What identity management system does SEPTA use (e.g., Active Directory, SSO)?

Answer 50: SEPTA currently uses Microsoft Active Directory

Question 51: How granular must role-based access be (system-level, asset-level, data-field-level)?

Answer 51: This is a requirement that the EOI is meant to discover. Please respond with your system's role-based access capabilities/limitations (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.

Question 52: How frequently do user roles and permissions change?

Answer 52: This question will not be answered at this time. Please respond with your system's role-based access editing capabilities/limitations (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.

Question 53: What specific tasks must field personnel perform on mobile devices?

Answer 53: This question will not be answered at this time. Please respond with your system's field personnel mobile device capabilities/limitations (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.

Question 54: What types of visualizations are most valuable (heat maps, trend charts, network diagrams, 3D models)?

Answer 54: This is a requirement that the EOI is meant to discover. Please respond with your system's visualization capabilities/limitations (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.

Question 55: What is the technical sophistication of different user groups?

Answer 55: User groups will span all levels of technical sophistication. Please respond with your system's abilities and limitations for user roles. Include how roles can be structured and controlled. Detailed SEPTA specific needs will be determined at the RFP stage.



Question 56: Are there existing visualization standards or preferences at SEPTA?

Answer 56: This is a requirement that the EOI is meant to discover. Please respond with your system's visualization capabilities/limitations (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.

Question 57: Is there an existing enterprise asset hierarchy or taxonomy that SEPTA follows today, or is this expected to be defined as part of this initiative?

Answer 57: This is expected to be defined as part of this initiative.

Question 58: Do assets have defined parent-child relationships (e.g., train → bogie → wheel → sensor), and are lifecycle dependencies tracked?

Answer 58: Yes, but at varying degrees. Please respond with your system's parent-child relationship capabilities/limitations (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.

Question 59: Are assets uniquely identified using enterprise asset IDs (from ERP/EAM), and which system acts as the system of record?

Answer 59: Assets are currently uniquely identified in non-enterprise fragmented systems.

Question 60: What is the approximate count and diversity of rail assets to be monitored (e.g., rolling stock, track miles, signals, bridges, substations)?

Answer 60: This is a requirement that the EOI is meant to discover. Please respond with your system's full rail asset monitoring capabilities/limitations (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.

Question 61: Are there existing asset lifecycle processes (procurement, commissioning, decommissioning) that the new platform must integrate with or replace?

Answer 61: This is a requirement that the EOI is meant to discover. Please respond with your system's capabilities/limitations to integrate with or manage lifecycle processes (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.

Question 62: Who owns master asset data when the same asset exists across multiple systems (CMMS, GIS, ERP)?

Answer 62: This will be determined at the RFP stage.



Question 63: Does SEPTA currently use any IoT platforms (e.g., Azure IoT, AWS IoT, Siemens, GE, Honeywell), or should the solution be vendor-agnostic?

Answer 63: Responses should include recommendations/compatibility/limitations for each of these. Detailed SEPTA specific needs will be determined at the RFP stage.

Question 64: What types of sensors are currently deployed (vibration, temperature, acoustic, load, GPS, voltage, etc.)?

Answer 64: Responses should assume no existing sensors. They should be submitted as a start from scratch initiative. Detailed SEPTA specific sensor needs will be determined at the RFP stage.

Question 65: What is the expected sensor density per asset type (e.g., per km of track, per switch, per railcar)?

Answer 65: This is a requirement that the EOI is meant to discover. Please respond with your system's density per asset capabilities/limitations (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.

Question 66: Are preferred sensor types or vendors already approved, or is the vendor expected to recommend, supply, install, and/or maintain sensors?

Answer 66: This is a requirement that the EOI is meant to discover. The response should include sensor type capabilities/limitations (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.

Question 67: Are condition-monitoring parameters predefined (e.g., vibration, temperature, strain, acoustics, current)?

Answer 67: Responses should assume no pre-defined parameters. They should be submitted as a start from scratch initiative. Detailed SEPTA specific parameter needs will be determined at the RFP stage.

Question 68: What sampling frequencies are required for different asset types (low-frequency vs high-frequency sensing)?

Answer 68: SEPTA expects that the necessary sampling frequencies will be dictated and validated by the system designer. Responses should include the system's sample frequency capabilities/limitations.



Question 69: Is edge computing mandatory for all deployments, or only for safety-critical assets? Are there connectivity-constrained locations?

Answer 69: This is a requirement that the EOI is meant to discover. The response should include capabilities/limitations for both edge computing and connectivity (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.

Question 70: Should edge use cases include real-time anomaly detection, data filtering/compression, and rule-based alerts?

Answer 70: This is a requirement that the EOI is meant to discover. The response should include capabilities/limitations for real-time anomaly detection, data filtering/compression, and rule-based alerts (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.

Question 71: Does SEPTA have a preferred edge form factor, or should the vendor propose options (industrial gateways, ruggedized AI edge, onboard devices)?

Answer 71: This is a requirement that the EOI is meant to discover. The response should include capabilities/limitations for edge form factor (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.

Question 72: Are vendors expected to provide remote device provisioning, firmware/patch management, and certificate-based device identity?

Answer 72: This will be determined at the RFP stage.

Question 73: Is it safe to assume that SEPTA already has LTE/5G, fiber, or radio networks installed? If yes, what is the connectivity distribution across the network?

Answer 73: This question will not be answered at this time. Please respond with the system's compatibility/limitations using LTE/5G, fiber, or radio networks. Detailed SEPTA specific OT network requirements will be determined at the RFP stage.

Question 74: Are there coverage gaps (tunnels, remote corridors) that require store-and-forward capabilities?

Answer 74: Yes

Question 75: What are the required latency thresholds for real-time monitoring versus non-critical analytics?

Answer 75: This is a requirement that the EOI is meant to discover. The response should include latency threshold capabilities/limitations (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.



Question 76: Are there specific resilience expectations (dual connectivity, edge survivability during outages, automatic failover)?

Answer 76: This is a requirement that the EOI is meant to discover. The response should include resilience capabilities/limitations (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.

Question 77: Is SEPTA expecting the vendor to build a new centralized data platform, or integrate with an existing enterprise data lake or analytics environment?

Answer 77: Responses should assume no existing data lake/warehouse. They should be submitted as a start from scratch initiative. Detailed SEPTA specific needs will be determined at the RFP stage.

Question 78: Which data sources currently exist for Assets (IoT platforms, monitoring tools, CMMS, ERP, GIS), and do you have duplications across systems? What level of documentation or API access is available?

Answer 78: SEPTA has a fragmented system with some overlaps and duplications. Please respond with your system's documentation / API access dependencies.

Question 79: How much of the real-time data ingestion and streaming architecture is expected to be designed and operated by the vendor?

Answer 79: This is a requirement that the EOI is meant to discover. Responses should include abilities/limitations/recommendations for this. Detailed SEPTA specific needs will be determined at the RFP stage.

Question 80: What data access mechanisms are available (APIs, file drops, historian access, proprietary protocols)?

Answer 80: This will be determined at the RFP stage.

Question 81: Does SEPTA have a preference for enterprise integration or API platforms (e.g., MuleSoft or alternatives)?

Answer 81: This will be determined at the RFP stage.

Question 82: What are the key internal and external integrations the solution must support, and their preferred integration methods?

Answer 82: This question will not be answered at this time. Please respond with ability/limitations to integrate with other systems (with examples). Detailed SEPTA specific integration needs will be determined at the RFP stage.



Question 83: Are there defined data security, privacy, encryption, and access-control policies that the platform must comply with?

Answer 83: Yes. Responses should include capabilities/limitations on data security, privacy, encryption, and access-control. Detailed SEPTA specific security needs will be determined at the RFP stage.

Question 84: Are there specific regulatory, safety, or audit standards the platform must adhere to (e.g., FTA, FRA, rail-specific cybersecurity standards)?

Answer 84: This is a requirement that the EOI is meant to discover. Responses should include abilities/limitations/recommendations for this. Detailed SEPTA specific needs will be determined at the RFP stage.

Question 85: What data retention, archival, and backup standards must be enforced at the platform level?

Answer 85: This will be determined at the RFP stage.

Question 86: What level of data quality monitoring and remediation is expected post go-live—vendor-operated or SEPTA-owned?

Answer 86: This is a requirement that the EOI is meant to discover. Responses should include data quality monitoring and remediation abilities/limitations. Detailed SEPTA specific needs will be determined at the RFP stage.

Question 87: How much historical maintenance and sensor data exists today, and in what formats—will data migration be required?

Answer 87: Responses should assume no existing sensor data and include data migration format compatibilities/limitations. Detailed SEPTA specific migration needs will be determined at the RFP stage.

Question 88: What are the top asset failure modes currently driving the greatest service disruptions?

Answer 88: This question will not be answered at this time. Please respond with the system's full suite of monitoring capabilities. Detailed SEPTA specific monitoring needs will be determined at the RFP stage.

Question 89: Are failure modes already labeled, or is model training and labeling expected as part of later phases?

Answer 89: Model training and labeling are expected as part of later phases. Please respond with recommendations and examples of how these are handled.



Question 90: Is the expectation that raw sensor data or edge-processed features will feed machine-learning models?

Answer 90: SEPTA expects this to be dictated and validated by the system designer. Responses should include machine learning model capabilities, limitations, and recommendations.

Question 91: What user personas are expected to access the platform (control center, field technicians, planners, executives)?

Answer 91: This is a requirement that the EOI is meant to discover. Please respond with your system's abilities and limitations for user roles. Include how roles can be structured and controlled. Detailed SEPTA specific needs will be determined at the RFP stage.

Question 92: How many maintenance teams and field technicians will be primary users, and what are their key pain points?

Answer 92: Please respond with your system's abilities and limitations for individual access. Include how individual access is structured and controlled. Detailed SEPTA specific needs will be determined at the RFP stage.

Question 93: How are work orders for preventive and corrective maintenance currently created, assigned, and tracked?

Answer 93: This question will not be answered at this time. Please respond with ability to integrate into these types of systems (with examples). Detailed SEPTA specific integration needs will be determined at the RFP stage.

Question 94: How should predictive insights drive action (e.g., automated CMMS work-order creation, approval workflows, or advisory alerts)?

Answer 94: This is a capability that the EOI is meant to discover. Responses should include any/all abilities for Predictive Analytics. Detailed SEPTA specific needs will be determined at the RFP stage.

Question 95: What KPIs are most critical for operations and leadership (e.g., MTBF, MTTR, asset availability, downtime cost)?

Answer 95: This question will not be answered at this time. Please respond with the system's KPI reporting abilities/limitations (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.



Question 96: What are the top business intelligence reports or analytics the new platform must support?

Answer 96: This question will not be answered at this time. Please respond with the system's business intelligence and analytics reporting abilities/limitations (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.

Question 97: Is there an existing BI or reporting platform at SEPTA that the solution must integrate with?

Answer 97: This question will not be answered at this time. Please respond with ability to integrate into these types of systems (with examples). Detailed SEPTA specific integration needs will be determined at the RFP stage.

Question 98: What GIS technologies are currently used across the SEPTA enterprise?

Answer 98: This question will not be answered at this time. Please respond with ability/limitations to integrate with these types of systems (with examples). Detailed SEPTA specific integration needs will be determined at the RFP stage.

Question 99: Does SEPTA use a Linear Referencing System (LRS)?

Answer 99: This question will not be answered at this time. Please respond with ability/limitations to integrate with these types of systems (with examples). Detailed SEPTA specific integration needs will be determined at the RFP stage.

Question 100: Is there a preferred GIS platform going forward, or is SEPTA open to hybrid GIS architectures?

Answer 100: This question will not be answered at this time. Please respond with ability/limitations to integrate with these types of systems (with examples). Detailed SEPTA specific integration needs will be determined at the RFP stage.

Question 101: Is Phase-1 expected to be a joint activity involving Operation Technology (OT), IT, Safety, Operations, and Maintenance teams?

Answer 101: Yes

Question 102: Are asset criticality criteria already defined, or should the vendor propose and validate the framework?

Answer 102: This question will not be answered at this time. Please respond with ability/limitations to create & modify asset criticality criteria (with examples). Detailed SEPTA specific needs will be determined at the RFP stage.



Question 103: Should Phase-1 include data readiness and data quality assessments across GIS, CMMS, and sensor data?

Answer 103: This will be determined at the RFP stage.

Question 104: What is the data ownership and stewardship maturity across IT and OT systems?

Answer 104: SEPTA has a Chief Data Officer that is accountable for all collected data.

Question 105: Is Phase-1 expected to identify organizational change impacts, including roles, skills, training, and adoption risks?

Answer 105: Phase 1 is expected to focus primarily on the solution itself with some discovery to guide identifying organizational change impacts, including roles, skills, training, and adoption risks for later phases.

Question 106: Are there any mandated or preferred enterprise platforms that Phase-1 architecture must align to?

Answer 106: Not at this time. Please respond with ability/limitations to integrate with these types of systems (with examples). Detailed SEPTA specific integration needs will be determined at the RFP stage.

Question 107: What is the expected timeline for transitioning from pilot to full-scale rollout?

Answer 107: This will be determined at the RFP stage. Responses should include example install timelines and information from previous projects.