



Integrated Energy Data Resource (IEDR)

Responses to Submitted Questions

NYSERDA IEDR Webpage: <https://www.nyserda.ny.gov/All-Programs/Programs/Clean-Energy-Standard/Important-Orders-Reports-and-Filings/Integrated-Energy-Data-Resource>

Category	Question	Response
Program Manager Scope	<p>1. Program Requirements Page 7. The statement on page 7 (line 4) indicates that NYSERDA intends to procure services from potentially several organizations independent from the Program Manager. NYSERDA may want to consider allowing awards to the Program Manager AND the Solution Architect from the same organization – or even combining the scope for the Solution Architect into this current Program Manager RFP. Developing the solution architecture for the IEDR solution is very closely tied to solutions requirements which is a responsibility of the Program Manager (Page 8 - Requirements Development and Documentation).</p>	<p>The Program Manager and Solution Architect will be chosen via different RFPs. The current solicitation will only select a Program Manager. While we recognize that some tasks related to solution requirements may be related to the solution architecture, a decision was made to separate the tasks and have the benefit of the Program Manager's participation in developing the specification for the Solution Architect. The Program Manager will not be eligible for the Solution Architect RFP due to the conflict of interest.</p>

Category	Question	Response
Program Manager Scope	<p>2. In several places, the RFP makes clear that NYSERDA itself intends to procure the professional services and components necessary for IEDR development and operations. This is inconsistent with the Public Service Commission's IEDR Order, in which the Program Manager is responsible for specifying, procuring, and overseeing all professional technical services. The RFP states (p.13), "If there is any discrepancy between these documents [the RFP, the IEDR Order, and Section 5 of the Whitepaper], the IEDR Order will take precedence." Implementation of the order of precedence would require proposers to deviate substantially from other directions in the RFP, with a major issue being the procurement and oversight of professional services required for IEDR development and operations. On the other hand, and more importantly, the decision to depart from the approach in IEDR Order creates challenges in implementing the PM role as the RFP describes, and would likely lead to significant delays in IEDR development. We highlight several of these challenges in subsequent questions. Will NYSERDA reconsider its decision to depart from the IEDR Order?</p>	<p>It is necessary to distinguish between the substantive tasks of contributing to both the development of procurement specifications and the selection and management of competing proposals as compared to the legal and administrative tasks related to issuing RFPs and contracting for such services and products. The Order cites the activities mentioned in the White Paper as the Program Manager providing expertise related to the substantive tasks. The Program Manager will assist NYSERDA with managing the procured services and components.</p>

Category	Question	Response
Program Manager Scope	<p>3. What measures or methods does NYSERDA intend to use to hold the Program Manager responsible for managing the IEDR schedule and budget (RFP, p.7, p. 14 (SOW Tasks 3 and 4), and p. 19 (RASCI Matrix)) and evaluating PM performance for schedule and budget management (RFP, p.11) if the professional services and components necessary for IEDR development and operations are to be separately procured by NYSERDA? How can the PM manage a schedule and budget when the work consuming the resources of that budget are not under the PM's control?</p>	<p>It is important to keep in mind that the Program Sponsor is accountable for all aspects of the IEDR program and that the Program Manager is accountable to the Program Sponsor. The Program Manager will develop recommendations on all aspects of the IEDR program to the Program Sponsor. Upon adoption of the Program budget and schedule, it is the responsibility of the Program Manager to manage the work of the program within the budget and schedule requirements that are adopted. The Program Manager will be responsible for managing the schedule, budget, and professional services required to complete the work.</p>

What measures or methods does NYSERDA intend to use to hold the Program Manager responsible for managing IEDR professional services (RFP, p.8, pp. 15-16 (SOW Task 7 and p. 19 (RASCI Matrix)) if those services are to be separately procured by NYSERDA? Similarly, how can the PM be "responsible for overseeing the success of the IEDR core" (RFP, p.9) under this arrangement? How can the PM actively manage the performance of other service providers when those service providers are not under the PM's contractual control?

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Program Manager Scope	<p>4. The RFP (page 8) states that NYSERDA may request the Program Manager to procure some professional services under the requirements of NYSERDA's procurement rules:</p> <ul style="list-style-type: none"> a. Does NYSERDA anticipate which professional services may be procured by the PM, and which by NYSERDA? b. What process or criteria will NYSERDA use to decide which professional services are to be procured by the PM instead of by NYSERDA? c. If NYSERDA chooses to have the PM procure an area of professional services, would the preclusion language on page 7 still apply, or would the PM have an opportunity to recommend to NYSERDA that the PM? 	NYSERDA does not currently envision exercising the option referenced by this question. The option was included for completeness and in recognition that not all contingencies can be anticipated in a project such as the IEDR. Any action to deploy this option would be based on a mutual decision by the Program Sponsor and Program Manager.
Program Manager Scope	<p>5. The RFP refers to the PM as the primary coordinator of work performed by "program contributors" (RFP, p.9, pp. 16-17 (SOW Task 8)). Are these program contributors distinct from the providers of professional services and components mentioned elsewhere in the RFP? If so, can NYSERDA provide an example(s) of who these program contributors might be?</p>	The phrase "program contributors" as used in the RFP is synonymous with the providers of professional services and components.
Program Manager Scope	<p>6. Confirming that the services requested in the RFP, in summary, are program management and req's gathering; I assume that the Program Manager and any team supporting the PM are delivering these services only?</p>	The Program Manager, including subcontractors awarded as part of the Program Manager RFP, are required to provide the services as described in the RFP.

Category	Question	Response
Program Manager Scope	7. Will there be an audit to ensure the Program Manager creates a solution RFP that ensures meeting the requirement that the solution meets the current Green Button CMD standard and is certifiable?	Page 10 of the Commission's order states: "Considering the time needed to implement all the IEDR capabilities, it will be necessary and reasonable for the utilities to maintain existing data access resources and to continue developing currently planned resource enhancements and additions that would provide stakeholders with earlier access to more data." Page 12 of the Commission's Order states, "To address the standardization of data, DPS Staff recommends that all information providers should fully align each provided data element's attributes with standards for the attributes required to meet the needs of the use cases enabled by the IEDR." The Program Manager and the IEDR team and system will consider and evaluate existing standards, will not hinder the further development of existing standards, and when possible, will use appropriate existing standards to expedite, standardize, and enable interoperability for the IEDR. The implementation of a standard such as Green Button CMD will be assessed in a manner appropriate for the particular standard, with oversight from the Program Sponsor and Steering Committee.
Program Manager Scope	8. Is it anticipated that there will be a technology specific RFP for the IEDR that is separate from the Program Manager, Utility Data Advisor, and Solution Architect RFPs? If so, will these roles play a part in the selection of technologies?	The exact format and content of subsequent RFPs has not yet been determined. As detailed on Page 8 of the IEDR Program Manager RFP and in Task 7 and 8 of the draft Scope of Work (page 15), the Program Manager will be responsible for assisting in the procurement and management of professional services and supporting IEDR component procurements. Issues regarding specific technologies will be assessed once the Program Manager and other key program contributors are onboarded.
Program Manager Scope	9. The industry has many options for technical solutions that may meet the requirements of the defined features by the SA/Data Architect/PM that may be missed.	The industry will have a number of channels to communicate its recommendations for technology solutions and all procurements will comply with NYS competitive requirements.

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Program Manager Scope	10. The RFP does not mention the "Program Manager as agent" idea that has been presented in today's webinar. How will the authorities of the PM as NYSERDA's agent be documented, and how will they be communicated to professional services providers?	The Program Manager will assist NYSERDA with managing the procured services and components. The responsibilities of the Program Manager will be documented and communicated in contract relationships established by the terms of the contracts between NYSERDA and Program Manager. Communicated via RFPs, bidders' conferences, Steering Committee, and as appropriate per the circumstances.
Program Manager Scope	11. Requested Services Page 8. The RFP implies that there will be a forthcoming RFP for a Solution Architect. Will the Program Manager scope include developing the requirements and RFP for procuring this function?	Yes, the Program Manager will develop the requirements and RFP for procuring a Solution Architect in consultation with the Program Sponsor.
RFP Clarification	12. Section 3, Page 16, 17, 19. There are two items marked as "Task 8" on Page 16 of the RFP; Support IEDR Component Procurement, and Coordinate Work Performed by Program Contributors. Also, "Task 11" seems to be missing from the list (page 17). The numbering is important as a reference for the RACI matrix later in the document.	This was a typo in the RFP. Support IEDR Component Procurements should be listed as Task 8, and Coordinate Work Performed by Program Contributors should be listed as Task 9. Manage Program Risks is Task 10, and Program Reporting is Task 11.
RFP Clarification	13. Our firm has existing agreements in place with NYSERDA which we may be able to leverage for the IEDR work. Do you still want us to review and provide comments for the terms and conditions included in the RFP materials?	Please review all terms and conditions for this particular RFP and provide comments as you may deem appropriate. Previous approvals for changes to terms and conditions do not guarantee approvals for this RFP as each contract is reviewed case by case.
RFP Clarification	14. The RFP calls for proposals that are not "excessively long" but does not specify a page limit. To limit the burden on proposers and facilitate NYSERDA's proposal review, would NYSERDA consider imposing a page limit, either in total or by proposal section (in either case, we would recommend a proposal length of 25 pages, excluding appendices).	NYSERDA wants to provide the opportunity for full responses without artificially constraining proposers in the preparation of their submissions. As noted on page 11, Proposal requirements, the ability to fully, clearly, and concisely provide the requested information will illustrate command of the subject matter. As such, we will not be imposing a page limit on RFP responses.

15. The Proposal Requirements section on Approach (RFP, pp. 12-13) includes elements that require proposers to address activities that otherwise aren't included in the PM role as described elsewhere in the RFP. Most of these activities seem more compatible with PM role as described in the PSC's IEDR Order than with the PM role described in the RFP. How does NYSERDA envision the PM having an impact on the following, if the PM's role is advisory (vs. contractually responsible) to NYSERDA with regard to professional services and components? Should proposers follow the RFP directions, or the order of precedence? <ol style="list-style-type: none"><li data-bbox="367 707 840 834">a. How near-term developments in data architecture, data operations, and cybersecurity should be taken into account in the IEDR project.<li data-bbox="367 844 840 1024">b. The approach to continually refine and expand [IEDR] capabilities and take advantage of ongoing developments addressing data access, security and other relevant topics.<li data-bbox="367 1034 840 1235">c. The primary challenges you anticipate in IEDR design, development, testing, integration, adoption, and operations. Indicate briefly how you have successfully managed and dealt with these risks and challenges before<li data-bbox="367 1246 840 1404">d. The approach and experience planning and overseeing complex data integrations and the extraction, transformation, and loading of data from diverse systems.<li data-bbox="367 1415 840 1594">e. Describe the preliminary platform and architecture alternatives the Proposer anticipates as feasible and preferable for the IEDR, given the required interfaces and databases.<li data-bbox="367 1605 840 1710">f. Describe the industry-standard design and testing methods to be employed.<li data-bbox="367 1721 840 1883">g. How you will transfer all aspects of the IEDR project, including administration and operation of the as-built environment, to NYSERDA or its designated agent at	The referenced section asks proposers to describe how they will approach the activities and tasks that will be assigned to the Program Manager. Section 2, Approach, provides proposers with the opportunity to both describe how they will carry out their responsibilities and demonstrate their understanding and experience with relevant issues and methods. It is important that proposals demonstrate a reasonable approach to, as well as experience, managing complex IT projects such as the IEDR.
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	the end of the contract term (this same requirement is detailed in the RFP on p.18, SOW Task 13) h. How will you design the training plan and materials you determine the IEDR will require?	
RFP Clarification	16. In many instances the numbering of Tasks is inconsistent in Section 2. Could NYSERDA clarify if there are 13 or 14 tasks, and revise any tables (e.g. RACI Matrix) that would be affected?	There are 13 distinct tasks. Task 14 - Project Support Beyond Scope represents flexibility for contingencies and unknowns.
Subsequent RFP Timing	17. When do you anticipate the Solution Architecture and Development RFPs to be released?	Any additional RFPs will be issued after the Program Manager commences work on the initiative.
Subsequent RFP Timing	18. When can we anticipate the publishing of the solution architect and related contributors RFPs? Will the stage 1 5+ use cases be fully developed and within these RFPs?	The services and products that are needed to complete Phase 1 use cases will be the subject of the subsequent RFPs. Phase 1 will develop 5+ priority use cases as described in the IEDR Order.
Subsequent RFP Timing	19. What is the expected timeline for an IEDR implementation RFP to be released?	We cannot comment on additional RFP timelines at this point until the Program Manager is on board and planning Phase 1 development.
Budget	20. The RFP states that the available budget is up to \$5 Million. Was this budget estimated based on the 5-year duration of the contract, or only Phase 1 activities?	The "up to \$5 million" budget is estimated based on the 5-year duration.
Budget	21. The PSC's IEDR Order set a Phase 1 budget cap of \$12.5 Million. How much budget does NYSERDA estimate is available for professional services in Phase 1?	Page 19 of the Commission order states: "\$12 million for procured resources" will be available for Phase 1. It is anticipated that full Phase 1 functionality will be achieved with this funding.
Budget	22. Would the activities described in the RFP section Evaluate and Document Utility Systems for IEDR System Integration (RFP, page 9) preclude (i.e., create a conflict of interest for) the PM from supporting jurisdictional utilities on activities directly related to the utilities' planning and support for IEDR? If so, why is the PM role being procured separately from the Utility Data Advisor role?	While the Program Manager may provide support to all IEDR stakeholders, including jurisdictional utilities, to maximize the effectiveness of the stakeholder's contributions to the IEDR, it would be a conflict for the Program Manager to be compensated by any stakeholder other than the Program Sponsor to support the jurisdictional utilities, or any other stakeholder, in regard to the IEDR. The role of the Utility Data Advisor (UDA) is distinct and, as described in detail in the relevant RFP, will serve as a dedicated resource to DPS to support review and evaluation of utility IEDR related investments.
Budget	23. It appears the full program budget is just for project management support. Does the budget include resources to actually develop the platform?	Page 19 of the Commission order states: "\$12 million for procured resources" will be available for Phase 1. It is anticipated that full Phase 1 functionality will be achieved with this funding.

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Budget	24. Are you stating the IEDR implementation may be cancelled?	It is not our intent to convey or otherwise suggest that the IEDR may be cancelled. IEDR implementation is fully underway and anticipated to continue.
Budget	25. Will the program manager be responsible for allocating the remaining \$7M of budget between solution architecture, development, and operation or has already been decided?	The Program Manager will assist NYSERDA in determining how the remaining budget will be allocated as IEDR development progresses.
Budget	26. To confirm, the stage 1 budget for the IEDR product is \$12M?	Page 19 of the Commission order states: "\$12 million for procured resources" will be available for Phase 1. It is anticipated that full Phase 1 functionality will be achieved with this funding.
Budget	27. Did I hear you say that the initial \$5M that has been made available is for both Phase 1 AND Phase 2?	Up to \$5M is available through RFP 4737 for IEDR Program Management with a scope encompassing phases 1 and 2.
Conflict of Interest	28. Is it correct that any member of the awarded team for the Program Manager RFP is restricted from proposing to subsequent IEDR related solution architecture, development and operations RFP?	This is correct - any member of the team awarded as the Program Manager is ineligible for subsequent IEDR-related procurements.
Conflict of Interest	29. Can you explain the thinking behind not allowing the PM to also support a participating utility and could this be reconsidered?	The Program Manager will work on behalf of the Program Sponsor (NYSERDA) to manage IEDR development. As such, a conflict of interest (real or perceived) would arise if the Program Manager were to accept compensation from anyone other than NYSERDA for IEDR activities. NYSERDA is firm on this position.
Conflict of Interest	30. Would you foresee a conflict between the IEDR professional services providers (e.g., implementation contract) and providing IEDR-related services to the utilities?	The issue of conflicts is always considered in the context of a particular solicitation. While it is an issue to be evaluated, is premature to draw a consultation to the question presented.

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Conflict of Interest	31. Is an awardee of the Utility Data Advisor RFP restricted from proposing to subsequent IEDR related solution architecture, development, and operations RFPs?	Yes.
MWBE	32. How is NYSERDA supporting MWBEs who want to connect with bidders as subcontractors? For example, are you for example participating in the MPP program?	Parties interested in connecting in teaming arrangements can submit contact information via the intent to propose or IEDR email, and NYSERDA will publicly list to help facilitate teaming arrangements.
MWBE	33. Are MWBE firms sought out in this or future RFPs and is there scoring impact in the rubric for this?	There is not a specific scoring criterion, although NYSERDA reserves the right to accept or reject proposals based on the Program Policy Factors listed in the RFP, which include "Institutional diversity or partnerships with minority-owned institutions". MWBE involvement is a top priority for NYSERDA at all levels.
Other	34. What types of technologies will be included in the IEDR? Is there an onboarding tech evaluation process?	The IEDR is a technology-agnostic data initiative. All parties will have the opportunity to participate in the stakeholder engagement process to discuss specific potential IEDR use cases.
Other	35. Is there a separate presentation on the Data Advisor role scheduled?	No, not at this time.
Added 6/29 - Roles	36. What are the key roles identified from NYSERDA for this IEDR program? Are there any existing teams already identified by NYSERDA for end-to-end implementation IEDR platform?	Key roles of the Program Manager are described in detail in the RFP under the heading, "Requested Services." NYSERDA has not yet identified existing teams for end-to-end implementation, all of which will be chosen via competitive solicitations.
Added 6/29 - Current Partners	37. Are there any current vendors engaged for IEDR definition phase?	No vendors are currently engaged.
Added 6/29 - Plan	38. Can you please share the transformation journey plan for the overall landscape which includes IEDR, what is your vision for the technology landscape?	The IEDR White Paper, Order, and Program Manager RFP provide documentation of the anticipated transformation resulting from the IEDR. The exact technology landscape will be driven by prioritized use cases developed as part of the ongoing stakeholder engagement process.

Category	Question	Response
Added 6/29 – Use Cases	39. Are use cases going to be implemented sequentially or in clusters? Are these clusters defined? Is it possible to share the list of use cases?	Use case deployment will likely be both sequential (e.g. batched between Phase 1 and Phase 2) and concurrent (e.g. within Phase 1 and Phase 2). Use case deployment will be dependent on which use cases are prioritized, the data required to enable use cases, etc. Use cases have not been finalized; NYSERDA is currently working with stakeholders to collect feedback on high priority use cases.
Added 6/29 - Reporting	40. Is there any expectation on building a dashboard for program reporting?	Yes. For more information, see the description of Task 10. Program Reporting on page 17 of the IEDR Program Manager RFP.
Added 6/29 - Reporting	41. What are the expected reports for program reporting? Can you please define some examples?	See question 40.
Added 6/29 — Scope of Engagement	42. The introduction Section of the RFP document states that, "As the Program Sponsor, NYSERDA has filed an initial Implementation Plan outlining the immediate next steps to plan and implement the IEDR. This RFP seeks proposals for the services of the IEDR Program Manager who will be responsible for organizing and administering the activities described in the Whitepaper linked below and adopted by the Order leading to the operation of the IEDR as described in this RFP." As per the above statement please define the scope of work. Is the design, development & deployment of end-to-end data platform (IEDR) out of scope for this RFP?	Key roles of the Program Manager are described in detail in the RFP under the heading, "Requested Services." The scope does not include design, development, and deployment of the data platform.
Added 6/29 — Scope of Engagement	43. Is designing of Solution Architecture mentioned in the whitepaper New York Department of Service Staff IEDR Whitepaper in scope?	No, designing of solution architecture is not within the scope of the Program Manager RFP.

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Added 6/29 – Scope of Engagement	44. One of the Key responsibilities mentioned in the RFP document for Program Manager is, "Develop and manage Program schedule." As per our understanding the Program schedule would include the planning, design, development and testing of IEDR which would include all the technical stack (tools) and a team of Technical Architects, Developers, QA etc. to build an end-to-end data management platform. Does that mean we need to consider the staffing of technical team as part of this RFP?	No, the staffing of a technical team to build the IEDR is not part of this RFP and such entities will be selected via subsequent solicitation(s).
Added 6/29 – Scope of Engagement	45. Under the section "Identify and Characterize Beneficial IEDR Use Cases," its mentioned that the Program Manager will develop a list of beneficial use cases, capturing use case requirements, designing preliminary use case solutions, and a feasibility assessment and prioritization of use cases. Our understanding is that a Program manager would require a team of project managers, Business Analysts & Technical Architects. Please confirm if this is in scope for this RFP.	Yes, it is anticipated that the Program Manager team would require experienced project managers, business analysts, and technical architects.

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Added 6/29 – Scope of Engagement	<p>46. Under "Procurement and Management of Professional Service" its mentioned that successful IEDR development and implementation will depend on professional services that enable:</p> <ol style="list-style-type: none"> 1. development of the IEDR architecture; 2. development and integration of detailed designs and specifications; 3. deployment and integration of components and services; 4. testing and commissioning the IEDR's capabilities; 5. system administration; 6. system operations; 7. development and maintenance of IEDR user manuals and trainings; and, 8. development and maintenance of IEDR operator manuals and trainings. <p>Please confirm if all the above-mentioned activities are a part of scope for this RFP and the bidder is expected to provide an implementation team structure for design & development of IEDR platform.</p>	<p>See Task 8. Coordinate Work Performed by Program Contributors and the rest of the draft statement of work for what is and is not within scope of the Program Manager's role. Success criteria will ultimately be adopted by NYSERDA with input from the Program Manager.</p>
Added 6/29 - Functional	<p>From dependencies point of view we (program manager) should be able to identify internal/external dependencies and define the RACI as program schedule develops, is this understanding correct?</p> <p>During the project execution, who will be defining the project success criteria? Our understanding is the Program Manager along with NYSERDA will be the ones defining success criteria for projects.</p>	<p>The IEDR would be the first of its kind statewide platform. For more information regarding the current state of data access and goals of the IEDR, see the IEDR Whitepaper and Commission Order.</p>

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Added 6/29 - General	48. We understand Integrated Energy Data Resource (IEDR) will securely collect, integrate, and provide access to a large and diverse set of energy-related information. What is the form of this information and the data sources? Is the data structured, semi-structured or un-structured?	The IEDR is not yet under development and decisions on data structure will be made once we have hired the appropriate technical experts.
Added 6/29 - Functional	49. Our understanding is the Distributed Energy Resource (DER) data platform is the existing system and would become a base for IEDR implementation. Is this understanding correct?	The "base" of the IEDR will be dependent on the Phase 1 prioritized use cases.
Added 6/29 - Technical	50. Do you envisage the data platform on-premise or on cloud - can you share the proposed architecture? Can you please confirm Details of existing ecosystem: On-premise or cloud (Azure/AWS/GCP)?	The IEDR is not yet under development and decisions on data structure will be made once we have hired the appropriate technical experts.
Added 6/29 - Technical	51. From a program point of view have you envisaged a data lake or data warehouse implementation? Will it store real-time or historical data, is there a need?	The IEDR is not yet under development and decisions on data structure will be made once we have hired the appropriate technical experts.
Added 6/29 - Technical	52. Please share the preferred technology stack / tool details. Do you have any preference for an on premise or cloud-based solution? Are there any preferences for ETL, Database and reporting tools?	The IEDR is not yet under development and decisions on data structure will be made once we have hired the appropriate technical experts.
Added 6/29 - Technical	53. Please provide details of the current setup (i) Data sources (on-premise or cloud) (participating parties/companies/agencies) (ii) Type of data - structured, semi-structured and unstructured (iii) Any streaming data sources	The IEDR is not yet under development and decisions on data structure will be made once we have hired the appropriate technical experts.
Added 6/29 - Technical	54. Please provide details of historical and daily incremental data volume and what is the expected % of growth in data volume YOY?	The IEDR is not yet under development and decisions on data structure will be made once we have hired the appropriate technical experts.
Added 6/29 - Technical	55. Is there any reference available for approximate count of data entities/tables in the sources that you can share?	The IEDR is not yet under development and decisions on data structure will be made once we have hired the appropriate technical experts.

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Added 6/29 - Technical	56. Is there any requirement for CDC or real time data ingestion? What is your preference?	The IEDR is not yet under development and decisions on data structure will be made once we have hired the appropriate technical experts.
Added 6/29 - Technical	57. How many concurrent users are there who would access the IEDR platform and how is this number expected to grow in future?	The number of users for accessing the IEDR platform has not yet been established.
Added 6/29 - Technical	58. We want to know these details to gauge the technology stack applicable, Are there any SLA expectations with respect to the following: (i) Run completion for batch loads (data integration) (ii) Real time/CDC (data integration) (iii) Report refresh time - import mode reports (data analytics) (iv) Report refresh time - direct query reports (data analytics)	Details regarding technical specifications will be available as the design and build of the IEDR begins in the coming year.
Added 6/29 - Technical	59. Do you foresee any requirement for ad-hoc reports/self-service BI over the duration of the program?	Details regarding technical specifications will be available as the design and build of the IEDR begins in the coming year.
Added 6/29 - Technical	60. Is there any need for advanced analytics like recommendation engine, sentiment analysis?	Details regarding technical specifications will be available as the design and build of the IEDR begins in the coming year.
Added 6/29 - Location	61. Where do you expect the resources be located? Onsite (US), Nearshore (e.g. Canada), Offshore (e.g. Europe / India)? Are there any data access restrictions we should be following?	For guidance regarding NY IT requirements, see the IEDR Program Manager RFP section "Security Requirements" starting on page 9.
Added 6/29 - Security	62. The role for security will be only from a security governance point of view and not from implementing any security measures, is this understanding correct?	The successful proposer, the providers of all services and technologies, and all components of the IEDR will be required to comply with the appropriate data and system security policies described in IEDR Program Manager RFP. The Program Manager will be responsible for coordinating work performed by program contributors, including the program contributors' implementation and maintenance of all required security controls.
Added 6/29 - General	63. Do you expect the program manager to have any project management certifications such as PMP etc.?	Project management certifications such as PMP are not required.

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Added 6/29 - General	64. Is the staffing necessary to implement the program reporting framework in scope for the proposal? If yes, please elaborate on the approximate number/size of typical data points in the reports.	See question 40.
Added 6/29 - Budget	65. The “Budget Form” tab has a section for travel; are travel expenses included in the overall \$5M budget that’s available? If so, should we embed expected travel expenses in the “Budget by Task and Phase” tab?	<p>Yes, travel is included in the \$5 million.</p> <ul style="list-style-type: none"> a. These costs can be imbedded in the Budget by Task and Phase tab as long as the total travel expenses are captured on the Budget Form tab. b. Any format can be used as long as the requested information is provided.
Added 6/29 - Budget	66. We are assuming that we should NOT include travel in the “Labor by Task” tab, since Labor typically does not include travel expenses, but please confirm.	That's correct, travel should not be included in the “Labor by Task” tab.