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Addendum 1 to ILA0050
Questions and Answers

This Addendum has been issued to provide answers to questions received during the Question and Answer period of the Request or Proposal (RFP) ILA0050 – UI Modernization.

With Addendum 1, DWD is issuing Amended RFP ILA0050 – UI Modernization and Attachment E – Amended that incorporate all amendments DWD made in response to the questions received during the Question and Answer period. Please use the amended versions of these documents when drafting your response to ILA0050.

By signing this Addendum, you are hereby acknowledging receipt of Addendum 1, Amended RFP ILA0050 – UI Modernization, and Attachment E – Amended, and understand that the Addendum amends the RFP.

Signature and Date of Offeror

Table of Contents

Budget.....	4
Travel.....	5
Acceptance Criteria	5
Alternatives.....	5
Cloud	6
Documentation	8
Procurement Related Items	8
Code	8
Cyber Liability Coverage	9
Data Sharing Agreement.....	9
Extension	9
Format Related Questions	10
Mandatory.....	11
Miscellaneous	11
Performing Services Outside the US.....	12
Period of Performance	13
Phases.....	13
Price Submission Spreadsheet	14
Procurement Process.....	15
References.....	15
Resources	16
Scope	17
Team Structure and Composition	18
Technical	19
.NET.....	19
API.....	20
Business Rules	20
Data	21
Environments	22
Equipment.....	22
Integration.....	22
Mainframe.....	23
Miscellaneous	24
Tools.....	24
Preferences.....	25
Queries	25
Resources / Documentation	25
Testing	26

Budget

Questions	Answers
<p>Q1. Section 2.3 states that annual cost cannot exceed \$4M. Is this an absolute not-to-exceed budget value, or will the State be flexible depending on the scope of work and/or approved change requests?</p>	<p>A1. DWD has amended Section 2.3, Anticipated period of performance, suggested team structure, and contract type, and Section 4.1.8, Price Submission. Please review the revised language in the amended RFP that is attached to Addendum 1. DWD notes that it has removed the language regarding a \$4 million ceiling from the RFP.</p>
<p>Q2. The annual cost for these teams cannot exceed \$4 million. Does the annual \$4 million limit apply to the renewal years? (Section 2.3)</p>	<p>A2. See A1 above.</p>
<p>Q3. Can DWD provide examples of pricing proposals they will accept and also examples of those that may be disqualified? Will DWD allow for units of hours to be pre-purchased in a bundle to allow Contractor and DWD to have predictable pricing for the 12 and 48 month time periods and allow for discounting in these bundles? Can DWD confirm the \$4m yearly is dedicated to investment and staff augmentation of DWD and that DWD is not the partner to deliver the scope with a \$4m resource budget?</p>	<p>A3. Regarding price proposals that DWD will accept, please see Section 4.1.4.3, Price Submission, and 4.1.8, Price Submission.</p> <p>Regarding allowing pre-purchased, bundled hours, see Section 1.1, which states, "No proposal will be accepted that requires a minimum dollar amount or guarantee a quantity of purchase."</p> <p>For the last question, section 2.3 is referring to Contractor labor, not DWD staff. See also A1 above.</p>
<p>Q4. Would the State like us to leverage its existing software investments wherever possible (e.g. Oracle), or are bidders expected to provide all necessary solution components independently? If the latter, would it be necessary to submit the costing for the components at this time, or could this be dealt with later?</p>	<p>A4. DWD is open to considering any new technology and is not tied to its existing software investments. DWD will separately purchase any solution components that are required under the selected Contractor's technical approach. Although these will be purchased separately and not included as costs under the Contract, DWD will still evaluate some of the component costs required to carry out each Offeror's technical approach. Offerors should follow the amended instructions in Section 4.18, Price Submission, regarding submitting costing information for solution components. Please note that DWD is excluding the costs of implementing a cloud solution from the component costs Offerors need to include in their price submission. See Section 4.1.8, Price Submission, as revised.</p>
<p>Q5. Please can you clarify the ceiling value of this contract?</p>	<p>A5. See A1 above.</p>
<p>Q6. Can the State of Wisconsin confirm a price ceiling of \$4 million annually? For a total potential of 16 million including all option periods</p>	<p>A6. See A1 above.</p>
<p>Q7. Need clarification, since the agency mentioned in the RFP "For additional information about mandatory roles, see the "Staffing plan" section of "Instructions for proposals." The annual cost for these teams cannot exceed \$4 million, annually". Does this cost include software/hardware & hosting charges as well?</p>	<p>A7. See A1 above and A4 above.</p>

Questions	Answers
Q8. The cost structure for the bid seems to establish a ceiling cost. At the same time, the RFP seems to indicate that compensation will be provided based on fully burdened hourly rates. Will the resulting contract be FFP or T&M in nature?	A8. DWD intends to award a time and materials (T&M) type contract.
Q9. Is the proposed \$4M/year budget intended to address all costs associated with this project, or just labor? Specifically, are software licenses included in that sum?	A9. See A1 above and A4 above.
Q10. The RFP states: "For ODCs, the Offeror shall include the material, licensing, and/or subscription costs associated with any software to be provided as part of the Offeror's approach." Does the Government want offerors to include an optional pricing schedule for software, tools, and cloud service, or does the Government want a Rough Order of Magnitude for the entire solution?	A10. See A4 above.

TRAVEL

Questions	Answers
Q11. Row 18 states: "Travel Costs (Proposers may estimate travel expenses up to \$\$ per year)" What dollar amount may proposers estimate up to? (Attachment E)	A11. DWD is not requiring on-site work and, therefore, does not anticipate significant travel. However, if travel costs are proposed, this should be reflected on the Price Sheet, Attachment E, and Offerors should provide a plan for travel in their staffing plan.
Q12. Travel costs will be limited to reimbursement cost as defined by the State. Can DWD provide the travel reimbursement policy currently in effect? (Section 4.1.8)	A12. Wisconsin's uniform travel schedule amounts can be found in Sections 3, 4, and 5 of the following document: SECTION F - UNIFORM TRAVEL SCHEDULE AMOUNTS (wi.gov) .

Acceptance Criteria

Questions	Answers
Q13. At the beginning of each sprint, the Product Owner and development team will collaborate to define a set of user stories to be completed during the sprint. Acceptance criteria for each story will also be defined. Is it correct to assume acceptance criteria will be mutually agreed to by the parties? (Appendix B)	A13. Yes, acceptance criteria will be mutually agreed to within the team, which will be comprised of both DWD and Contractor resources.

Alternatives

Questions	Answers
Q14. Given the stated volume of undocumented code and processes, would the government consider alternate technologies and strategies intended to address those deficits and de-risk the project, even if those strategies deviate from the approach outlined in the RFP, or would such a proposal be considered non-compliant?	A14. DWD will evaluate all proposals that meet mandatory requirements. Technical approaches will be scored on their own merit based on the criteria provided in the RFP.
Q15. Will DWD consider proposals that include a modern software as a service (SaaS) based license to	A15. DWD will consider proposals that include a modern SaaS-based license. How the SaaS will be used

Questions	Answers
ensure that the modernized UI system will be relevant and effective in response to technology advancements, policy changes, and new reporting requirements for the entire system lifecycle?	should be included as part of the Offeror's technical approach. See A1 above and A4 above for how the license costs should be included in the price submission.
Q16. Will DWD consider removing the requirement to own the source code and all other artifacts developed under the contract to allow vendors with existing Modifiable off the Shelf products, with proven implementations for states with similar functional requirements, to respond?	A16. Per Section 2.2, DWD only requires that it will own the source code and all other artifacts <i>developed under the Contract</i> .
Q17. Are you open to innovative alternatives to your Specifications	A17. Yes. Per Section 4.1.5, "Offerors may propose a technical approach that is different from the encasement strategy hypothesized in this RFP. If so, the Offeror should explain why they believe the alternate approach would be preferable to DWD."
Q18. We would appreciate a clearer sense of the State's present intentions relative to the solution architecture. Which scenario currently seems more likely from the State's perspective: a) a solution built primarily from a series of off-the-shelf components that already serve the domain, knitted together with APIs and custom code; or b) a solution comprised primarily of custom-developed components?	A18. DWD is not able to estimate the primacy of commercial products as opposed to custom code.
Q19. Has the state explored any off-the-shelf product options? If so, were any deemed potentially viable?	A19. DWD has explored various options, including off-the-shelf. No determinations were made regarding potential viability.
Q20. Would the State be open to using open source components, where applicable?	A20. Yes. DWD will perform a security review of all open source components and must approve of their use prior to using those tools.
Q21. Clarification in the RFP around what is needed from infrastructure expertise would be welcomed. A more detailed and specialized response could be formulated based on desired infrastructure path between Platform as a Service (PaaS), distributed web environments, and infrastructure as code.	A21. At this time, DWD does not have a preferred infrastructure path. If Offerors have a preference, their technical approach should explain the reasoning for that preference.

Cloud

Questions	Answers
Q22. Is the State open to cloud-based solutions?	A22. Yes. Section 2.2, Expectations, states the following: "DWD will be responsible for the hosting of the deployed product, as well as obtaining any necessary compliance authorizations. DWD requires FedRAMP certification for any cloud provider used for hosting the deployed product." Additionally, the following mandatory requirement is included in Section 4.1.5, Technical proposal: "Indicates an appropriate FedRAMP certification for any cloud provider used for hosting the deployed product." Finally, Section 4.1.6 indicates that the Offeror must provide individuals with experience in cloud deployment.

Questions	Answers
Q23. Are you asking us to identify the recommended hosting provider in the proposal?	A23. Yes.
Q24. Please clarify if the agency has any signed-up/preferred cloud vendor for the base software to be installed	A24. DWD does not have a preferred cloud vendor for the software base. However, all cloud providers must indicate an appropriate FedRAMP certification.
Q25. Can the modernized applications be deployed on public cloud infrastructure? (Section 1.3)	A25. Yes.
Q26. What cloud environment will the state be licensing to host the new Unemployment Insurance system modules?	A26. The Offeror should recommend a cloud environment.
Q27. Will target State Solution be hosted on Cloud or DWD’s on premise Data Center?	A27. See A26 above.
Q28. Does the Wisconsin State Department of Workforce Development (Government) currently use, or have a preference regarding Cloud and AI solution providers? (i.e. Google, Azure, AWS, etc.)	A28. DWD does not have a preferred option.
Q29. We understand that the Government requires FedRAMP approval for all cloud services, what level is desired? (Moderate or High)	A29. Moderate, at a minimum.
Q30. What is your stance on building in the public cloud, (i.e. AWS, Azure, etc.)? The RFP mentions the solution being hosted by the Wisconsin Department of Administration but does that mean that the modernization will be done within the Wisconsin datacenters? If allowed to expand into the cloud then many cloud tools that are made available by the major cloud providers could be leveraged.	A30. DWD does not have a preferred cloud vendor for the software base. See A22 above.
Q31. DWD will be responsible for the hosting of the deployed product. DWD requires FedRAMP certification. Does DWD plan to directly contract with a cloud provider to host the application? (Section 2.2)	A31. Yes, DWD would use approved channels to contract with a cloud provider.
<p>Q32. “DWD will be responsible for the hosting of the deployed product, as well as obtaining any necessary compliance authorizations.”</p> <p>This statement seems inconsistent with Section 4.1.5 last bullet on page 27, the technical submission must: “Indicates an appropriate FedRAMP certification for any cloud provider used for hosting the deployed product.”</p> <p>Please confirm that DWD will be responsible for selecting and licensing the cloud hosting environment and obtaining necessary compliance authorizations and certifications. If this is the case, please delete the last bullet on page 27 Section 4.1.5 or provide further clarification with regard to technical submission requirements and vendor scope related to this bullet.</p> <p>Please clarify vendor responsibilities with regard to identifying the cloud hosting environment and tools.</p>	A32. Yes, DWD will be responsible for the final selection and licensing of the cloud hosting environment. The Offeror is responsible for recommending the cloud hosting environment and tools to accompany its technical approach.

Documentation

Questions	Answers
Q33. It is clear that the State has interest in solution configurability. To the extent that bidders are potentially expected to provide a total estimated ceiling price, it would be helpful to have a basic understanding of the extent of configurability that is envisioned. If the State could please provide some sense of the minimum desired scope/degree of configurability, it would be helpful.	A33. DWD expects that the degree of configurability may vary based on what is technically possible, but a general guide is that DWD would like small changes to the system, such as content updates, to be accomplishable by non-developer staff.
Q34. In section 3.1, for the “Assess current state and begin to modernize manual workflows in Adjustments and Special Programs (ASP)” Epic, how well are the business rules documented in the Description field?	A34. There is existing documentation, but the quality and substance of the documentation varies drastically. More detail will be identified through discovery with the successful Contractor.
Q35. What business process documentations is currently available? Is it up to date?	A35. See A34 above.
Q36. What technical documentation is currently available? Is it up to date?	A36. See A34 above.
Q37. "Inflexibility means many new processes and programs need to be implemented manually by staff. For example, some staff export data to Excel in order to run common calculations to be later entered into the system." Please provide approx. count of manual workarounds used by IT & Business teams. (Section 1.2.3)	A37. DWD does not have an approximate count of manual workarounds, so it expects that further discovery into these workarounds (and scoping of features to address them) will be a necessary part of this project.
Q38. The amount of change suggested in a full scale re-architecture such as this may result in significant business process changes. Does DWD have a mechanism in place to align the business process changes with the delivery of the redesigned functionality?	A38. No, DWD will be open to considering options proposed by the Offerors.

Procurement Related Items

CODE

Questions	Answers
Q39. All of our development is owned by our clients. Just as you will own the code we develop for you, our clients own and control the Git repos. Would a guided tour of the Git repo from one of our client references be an acceptable alternative?	A39. If access to the repository cannot be directly granted through a temporary read-only access, a zipped archive of the project may be provided.
Q40. Our Github project repo is private. Please provide email addresses for those reviewers that would need to be sent invitations for access.	A40. DWD will send a separate email with that information.

CYBER LIABILITY COVERAGE

Questions	Answers
<p>Q41. The RFP states vendors need \$10 million aggregate. Would DWD consider waiving that requirement and allowing us to have the \$5 million aggregate we currently carry? If not, could we purchase the additional coverage in the event that we are awarded the work?</p>	<p>A41. Please provide any proposed exceptions to DWD's terms and conditions as described under the introductory paragraph in Section 5.0.</p> <p>DWD anticipates a Contract start date of September 1, 2021. The Contractor must meet the requirements in Section 5.3.13, Cyber Liability Coverage, by the Contract start date.</p>

DATA SHARING AGREEMENT

<p>Q42. Is RFP Appendix D the Confidentiality and Safeguards Agreement for Unemployment Insurance Data referenced in Section 5.3.12 (Data Sharing)?</p>	<p>A42. Yes.</p>
<p>Q43. Does this form need to be signed and submitted with the proposal? (Appendix D)</p>	<p>A43. No, Appendix D is a draft of the Confidentiality and Safeguards Agreement for Unemployment Insurance Data that will be incorporated into the final Contract under Section 5.3.12. Section 5.3.12 was amended to clarify this. Offerors must note any exceptions to the terms and conditions of Appendix D with their proposals as described in the introduction to Section 5.0. DWD and the Contractor will finalize the agreement and sign it upon Contract award.</p>
<p>Q44. Please confirm that this document (Appendix D) is not required with the submission package and will only be required from the successful bidder upon award.</p>	<p>A44. See A43 above.</p>

EXTENSION

Questions	Answers
<p>Q45. Would the State consider extending the deadline for responses by thirty days?</p>	<p>A45. The proposal submission date has been amended to July 19, 2021. Proposals must be received by DWD no later than 5:00 pm CT on July 19, 2021.</p>
<p>Q46. If possible, please allow bidders at least 10 business days to prepare proposals after Q&A is published.</p>	<p>A46. See A45 above.</p>
<p>Q47. Can the proposal submission date be extended by 2 to 3 weeks? (Section 4.1.3.4)</p>	<p>A47. See A45 above.</p>
<p>Q48. Request for extension of RFP submission deadline to July 25th.</p>	<p>A48. See A45 above.</p>
<p>Q49. Request for extension of RFP submission deadline to August 31, 2021.</p>	<p>A49. See A45 above.</p>
<p>Q50. Is the agency planning to give any extension to submit the response?</p>	<p>A50. See A45 above.</p>
<p>Q51. Due to the complexity of this RFP, as well as responses to questions coming out on July 9, would DWD extend the RFP due date to August 6th to allow Vendors the best possible chance to provide an efficient, cost-effective solution?</p>	<p>A51. See A45 above.</p>

Q52. Given that the solicitation was released near a holiday weekend with many employees taking time off, would the DWD consider extending the solicitation by an additional 2 weeks to July 30?	A52. See A45 above.
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FORMAT RELATED QUESTIONS

Questions	Answers
Q53. User Research Plans and Design Artifacts: these documents are formatted according to each client's requirements and may not be in 12-point type or in file formats where we can easily change the type size. Can you please omit the 12-point type size requirement for this appendix? (Section 4.1.4.1)	A53. Yes. Section 4.1.4.1 is amended to remove the 12-point type and single-spacing requirement for user research plans and design artifacts that Offerors' include as appendices to their development proposals. Offeror's may include user research plans and design artifacts with their original type sizes and formatting. All other requirements in Section 4.1.4.1 remain unchanged.
Q54. Can we apply for the Certificate of Authority and Foreign Corporation status if we are selected? Or do we need it in place to respond?	A54. See Section 5.1, Standard Terms and Conditions (DOA-3054), Clause 33.0, Foreign Corporation. DWD anticipates a Contract start date of September 1, 2021. Offerors should contact the Wisconsin Department of Financial Institutions (DFI) with any questions about applying for a Certificate of Authority, including how long it takes to obtain a Certificate of Authority. Contact information for DFI is provided in Clause 33.0. DWD will not delay Contract award or grant any extensions to when the work will start because the Contractor cannot meet the requirements in Clause 33.0.
Q55. Are resumes included in the NTE 3-page count for staffing approach?	A55. No, see Section 4.1.4.1. The page count for the staffing plan does not include the resumes. Resumes cannot exceed one page and must be provided for each of the identified Mandatory Personnel.
Q56. Request clarification that the Government wants vendors to select four case studies out of the five provided, or that the Government wants a maximum of five pages for this section.	A56. Section 4.1.4.2, Answers to case studies, has been amended to read, "Responses to the case studies in Section 4.1.7 are limited to one page maximum per case study, for a maximum total of five pages, using 12-point type." This means Offerors must respond to all five case studies using one page for each for a total of five pages.
Q57. We are asked to address five (5) case studies. If we are limited to a one page maximum per case study, will we be allowed a 5 page total maximum?	A57. See A56 above.
Q58. Section 4.1.4.2 states "Responses to the case studies in Section 4.1.7 are limited to one page maximum per case study, for a maximum total of four pages, using 12-point type." Since there are five case studies, is it safe to assume that the maximum total should be five pages?	A58. See A56 above.
Q59. The RFP makes reference to submission of up to 30 pages of "User Research and Design Artifacts." The RFP likewise makes reference to submission of a similar scope of materials in relation to past projects.	A59. See Section 4.1.4.1, Development proposal, for detailed requirements for each section of the development proposal. The development proposal includes the technical proposal, staffing plan, staff

Questions	Answers
Some clarification on this point would be appreciated: Is the expectation that a) bidders should be providing a 30-page plan for this project; or b) bidders should be providing up to 30 pages of representative work samples from other projects; or c) both, for a total of 60 pages.	resumes, signed letters of intent, and all material included as appendices. The development proposal may not be more than 30 single-spaced pages combined using a 12-point type. Please also note the amendment to Section 4.1.4.1. in A53 above.
Q60. Please confirm the Resumes for Mandatory Personnel are outside of the 3 page count of the Staffing Plan.	A60. Yes, resumes are outside of the three (3) page count, but are limited to one (1) page per resume.
Q61. Please confirm that resumes are not included in the 3 page limit for the staffing approach. Can resumes be included as an appendix?	A61. See A60 above.
Q62. Is there any pages limit for response?	A62. See Section 4.1.4.1, Development proposal, and DWD’s answer to A59 above for page limits on the development proposal. See DWD’s answer to A56 above for page limits on the answers to case studies.
Q63. What can be included in the Appendices? The RFP states that User Research Plans and Design Artifacts can be included as Appendices. Can Offerors include additional information regarding proposed software solutions, past performance details, additional company information, etc.?	A63. Offerors should refer to Section 4.1.4.1, Development proposal, regarding what they can include in their appendices to the development proposal.
Q64. Is the bidder allowed to provide graphics/tables as an appendix?	A64. Yes, but these count toward the page limit.

MANDATORY

Questions	Answers
Q65. The proposal will be initially reviewed by the Procuring Manager to determine if mandatory requirements are met. Can DWD provide a summary list of the mandatory requirements that the offeror must meet? (Section 5.3.15)	A65. See Section 4.0, Instructions for Proposals, where DWD describes the mandatory requirements for each proposal section. Any requirement containing the word “shall” or “must” is considered mandatory.
Q66. What are the “mandatory requirements”? (Section 4.2.1)	A66. See A65 above.

MISCELLANEOUS

Questions	Answers
Q67. Did any vendors or agencies assist in the preparation of this RFP?	A67. DWD consulted with 18F, a technology and design consultancy within the Federal government, in preparing this RFP.
Q68. Were any vendors provided access to the agency to discuss the approach outlined in this RFP?	A68. DWD consulted with 18F, a technology and design consultancy within the Federal government, on the approach outlined in this RFP. No other external Contractors were provided access to DWD to discuss the approach outlined in this RFP other than through the RFI that was issued to the public.
Q69. Does the government have a reference use case where a “strangler fig” approach was used to successfully modernize a UI system?	A69. No. DWD does not believe that the strangler fig pattern is applied differently for a UI system, so any modernization using a strangler fig pattern, or similar, may serve as a reference.

Questions	Answers
Q70. Was there a previous incumbent on this effort? If yes, what's the incumbent name?	A70. No. There is no incumbent.
Q71. Regarding any notifications that were sent to vendors about the solicitation: a. Approximately how many bidders were directly and manually notified of the solicitation release? b. What was the basis of any notifications that were issued? (ex. Contractors who were identified on particular 18F lists, etc.)	A71. DWD notified 1,022 registered vendors through the state's strategic sourcing module in PeopleSoft, approximately 45 vendors that were identified by 18F as of part of market research, 13 vendors that had expressed interest prior to the RFI release, and approximately 36 vendors that responded to the RFI. In addition, a press release was published promoting this, potentially bringing in additional, unknown vendors.
Q72. Other 18F proposals have generally placed greater emphasis on a team's technical development and UX skills and competencies, and less emphasis on domain expertise/familiarity. Does the same apply in the current scenario? Or will the successful bidder need to demonstrate prior experience/expertise with Unemployment Insurance in particular?	A72. No, there is no requirement to demonstrate Unemployment Insurance experience or expertise. All related or relevant experience will be considered.
Q73. The RFP does not specify a requirement for State UI system integration or modernization qualifications or past performance. Are State UI business subject matter expertise and technology qualifications required?	A73. See A72 above.
Q74. Would the State consider allowing for one additional round of Q&A, to clarify any technical considerations that are brought to light when the present round of Q&A is published?	A74. No, no additional Q&A period is planned.
Q75. Offerors should respond clearly and completely to all requirements. Failure to respond to each of the requirements in the RFP may be the basis for rejecting a proposal. Can DWD provide a summary of all requirements that the Offeror must clearly and completely respond to in their proposal? (Section 4.1.3)	A75. All requirements are addressed in Section 4.0 of the RFP.
Q76. Attachment A and B requires the offeror to check boxes indicating that they are accepting applicable portions of the RFP even though the RFP allows the offeror to indicate exceptions to the RFP. Can DWD explain how this should be handled by the Offeror in they event they request exceptions to the RFP?	A76. The Offeror should not check the box if they do not agree (<i>i.e.</i> , are requesting exceptions). Section 5.0 explains how Offerors should submit their exceptions for consideration.

PERFORMING SERVICES OUTSIDE THE US

Questions	Answers
Q77. Please clarify if the software development can be done at an offshore facility that doesn't have access to any agency/project data.	A77. No, see Section 5.3.15. All services provided under this Contract must be performed in the United States.
Q78. We have a center of competence for modernization with key expertise in the US and India. We believe it would be beneficial to have the CoE experts from India participate in the solution and delivery. Would you consider this option? Can non-United States residents assist in development on this	A78. No, see Section 5.3.15. All services provided under this Contract must be performed in the United States. Non-United States residents can perform services under this Contract, if they meet this requirement.

project as long as they are not touching production data?	
Q79. Work may not be performed outside of the United States. Also in section in 5.3.10 (page 49) it says Federal Funds will be used to fund all of this contract. Given the statement in section 5.3.10, will DWD consider an exception to allow the use of off-shore resources for functions such as development, testing and middleware services, provided they had no access to DWD data as this seems to be allowed as an exception in Wisconsin statute § 16.705? (Section 5.3.15)	A79. No, see amended language in Section 5.3.15. Due to IT security concerns, all services provided under this Contract must be performed in the United States.
Q80. RFP #ILA0050, Section 5.3.15 Performance of Services in the United States - Can a waiver for the initial Cloud migration be given to allow for global development be obtained until Local resources are cultivated and trained?	A80. No.

PERIOD OF PERFORMANCE

Questions	Answers
Q81. Section 2.3 says the total period of performance is 48 months, base year plus three option years. Attachment E asks for pricing for 4 option years. Which one is correct?	A81. The contract period will be one base year, with 3 additional extensions, for a total of 4 years. An amended version of Attachment E is attached.
Q82. Without knowing the scope of the option years, we cannot provide precise labor categories or total number of hours required. Would you like us to assume the same staffing composition and level of effort per role for the option years? (Attachment E)	A82. The scope of work described in the RFP is for the base contract period and the three (3) renewals. The Offeror's technical approach and staffing plan should account for the entire period of performance, including changes in the labor mix over the four (4) year period. DWD understands that the staffing mix may change over time and anticipates it will work with the Contractor to make these changes over the life of the Contract. Accordingly, if the Offeror expects change over time, it should propose an initial labor mix and describe why and how it would expect to adjust this mix over the course of the period of performance. The price proposal should reflect this evolution to the best of the Offeror's ability.
Q83. The initial period of performance (POP) for the contract is 12 months. Is DWD's expectation that the modernized system will be implemented by the end of the POP? (Section 2.3)	A83. No. By the end of the first 12 months, DWD expects that some features will be available in a production system. However, DWD understands that the complete migration off the legacy system is likely to take much longer and is difficult to estimate.
Q84. There are also three optional renewal periods (renewals) of 12 months. What is DWD's anticipated services during a renewal period? (Section 2.3)	A84. The scope of work described in the RFP is for the base contract period and the three (3) renewals.

PHASES

Questions	Answers
Q85. We are curious as to why this RFP is titled "Phase I." There is no subsequent reference to project phasing. Is this merely referring to the notion that this is the first \$4 million infusion into the project, such that	A85. To complete the UI Modernization project, DWD anticipates it will conduct related procurements, however, DWD does not know the scope of these future procurements at this time.

Questions	Answers
subsequent awarded option years would constitute follow-on phases, with additional allocated budgeting? Or does the state have some other sort of phased project progression in mind?	
Q86. The RFP is named "Unemployment Insurance (UI) Modernization - Phase 1".What other phases are envisioned?	A86. See A85 above.
Q87. Will the department release other solicitations for additional phases? Is there any timeline for those phases and what they would entail?	A87. See A85 above.
Q88. How many contracts the State of Wisconsin plan to award for this effort?	A88. See A85 above.
Q89. The RFP title is “Unemployment Insurance (UI) Modernization – Phase I.” Can DWD please confirm how many phases will be part of this project, the expected scope of Phase 1 and future phases, and provide an overall project timeline for the full modernization of the WI UI system and details as to the timing, duration, and sequencing of subsequent phases?	A89. See A85 above.

PRICE SUBMISSION SPREADSHEET

Questions	Answers
Q90. The pricing sheet has base year, year 1 to year 4, Whereas the contract is for 48 months maximum - can you please clarify how the base year is construed/calculated?	A90. Attachment E has been amended to reflect base year plus three additional years for a total of 48 months.
Q91. Should the text “base year” at the bottom of each page be updated to reflect the year on the tab? (Attachment E)	A91. DWD has amended Attachment E to correct this error.
Q92. Section 2.3 states that there will be three optional renewal periods. However, Attachment E (Pricing Sheet) includes 4 option years. Should bidders disregard the tab labeled Option Year 4 in Attachment E?	A92. DWD has amended Attachment E to correct this error.
Q93. Cell C10 - should our “single dollar figure” be in C11 in the “Total Proposed Cost” row? (Section 2.3 and Attachment E)	A93. DWD has amended Attachment E to correct this error.
Q94. The formula in cell E32, in the Base Year tab and all Option Year tabs, sums the values in Column E from rows 19 to 31 (inclusive). This has the effect of adding Total Estimated Labor Costs to Total Estimated Software Costs. Is this intended? If not, will you publish an amended Attachment E?	A94. DWD has amended Attachment E to correct this error.

Questions	Answers
<p>Q95. In Attachment E - Pricing Sheet.xlsx, Cell E32 should be sum of Rows E23 to E31. Can you confirm and either provide us a new version or allow us to make that change?</p>	<p>A95. DWD has amended Attachment E to correct this error.</p>

PROCUREMENT PROCESS

Questions	Answers
<p>Q96. When would oral (interview) presentations occur approximately?</p>	<p>A96. Oral presentations are tentatively planned for July 27, 2021 to August 6, 2021.</p>
<p>Q97. Request for Virtual Public Opening.</p>	<p>A97. DWD will conduct a virtual public opening at 5:15 pm CT on July 19, 2021. At this time only the names of the Offerors will be read. Join on your computer or mobile app Click here to join the meeting Or call in (audio only) +1 608-571-2209,,400612906# United States, Madison Phone Conference ID: 400 612 906#</p>

REFERENCES

Questions	Answers
<p>Q98. Can the offeror provide their references outside the Unemployment Insurance domain for the services requested?</p>	<p>A98. Yes.</p>
<p>Q99. Please clarify whether the subcontractor's references can be considered as the offeror's references.</p>	<p>A99. No.</p>
<p>Q100. Offerors must supply references of three (3) organizations to which similar services have been provided during the past (5) years to a comparable-sized institution or company. Can this be extended to a longer period of time? (Section 4.1.9)</p>	<p>A100. No.</p>
<p>Q101. In section 4.1.9 it is mentioned that form DOA-3832 (Attachment B) is for references. Please clarify bidder instructions as it relates to the following bold text on the DOA form: Section 3: Bidder Reference</p> <p>Provide company name, address, contact person, telephone number, and appropriate information on the product(s) and/or service(s) used with requirements like those included in this solicitation document. If vendor is proposing any arrangement involving a third party, the named references should also be involved in a similar arrangement.</p>	<p>A101. Offerors should only provide references for the prime Contractor when completing DOA-3832. No references for subcontractors or other third parties are required. References are not being scored.</p>

Resources

Questions	Answers
<p>Q102. How many Product Owners will be assigned to each team for infrastructure, encasement, application development? One for each team or more?</p>	<p>A102. Currently, one Product Owner will be assigned, but DWD may decide to provide additional Product Owners, if needed.</p>
<p>Q103. Are the Product Owner and Technical Lead going to be DWD employees? Have these 2 leadership positions been filled?</p>	<p>A103. DWD employees will fill these roles, and employees have been identified for these positions.</p>
<p>Q104. How much of the State of Wisconsin's Product Owner and Tech Lead's time will be dedicated to support the team(s)?</p>	<p>A104. The Product Owner and Technical Lead will be made available as much as is needed to support this effort.</p>
<p>Q105. Will the Product Owner and Tech Lead be supporting both teams? Are there any additional stakeholders who will be involved on a regular basis?</p>	<p>A105. Yes, at this time, the Product Owner and Technical Lead will support both teams. Should additional support be needed, DWD will consider adding additional resources. Subject matter experts related to the particular task will also be available and their participation will be coordinated by the Product Owner.</p>
<p>Q106. With an application of this size, scope, and complexity, we have concerns about a single product owner keeping pace with the development team's need for ongoing and evolving direction. Is DWD able to increase the availability of the Product Owner and Technical Lead through additional PO's, or potentially a Product Management team?</p>	<p>A106. See A105 above.</p>
<p>Q107. How much access will the contractors have to directly engage with system users, internal and external?</p>	<p>A107. Subject matter experts and additional resources will be made available as need. The Product Owner will coordinate the participation of the appropriate resources.</p>
<p>Q108. In the RFP, DWD references existing State staff that have been working to transition skills to .NET as a reference modern language. Is this classic or core .NET? How many personnel would DWD dedicate to engineering collaboration as part of this base period and any subsequent option years?</p>	<p>A108. The .NET framework is a combination of classic and core. In addition to the Technical Lead, DWD will provide SMEs for engineering collaboration.</p>
<p>Q109. It is clear that the State has a number of technical developers in place, who have been working with the legacy systems and infrastructure. We are curious about the level and nature of the collaboration that is anticipated in moving forward. Please respond to the following:</p> <ul style="list-style-type: none"> a. Are the current technical staff employees of the state, or employees of a contractor? If the latter, please identify the contractor(s). b. Will the awardee be expected to work alongside the technical staff who are presently working on the legacy infrastructure/systems? If so, to what extent would this need to occur? What will the collaboration need to look like? Is the State envisioning parallel but independent development tracks? Or Mixed/embedded teams? Or any 	<p>A109. a. The current technical staff are a combination of state staff and Contractor resources. DWD works with Knowledge Services as the vendor of the IT Vendor Managed Services Sourcing Contract for staff supplementation and has a contract with Deloitte for mainframe support and development work.</p> <p>b. The awardee will be expected to work alongside technical staff that work on the legacy system for purposes of gaining the knowledge and understanding of the system. DWD anticipates a parallel effort with the continued maintenance and operation of the existing system and a separate effort for UI modernization. Offerors should propose recommendations for the best way to for these teams to operate.</p>

Questions	Answers
<p>particular processes? Insight into any expectations in this regard would be helpful.</p> <p>c. Is it anticipated that the selected vendor would recruit/hire the incumbent technical staff from the State? Would this even be an option?</p>	<p>c. No, the Contractor is not required to recruit or hire incumbent technical staff. See Section 5.2, Supplemental Terms and Conditions (DOA-3681), Clause 5.0, Employment.</p>

Scope

Questions	Answers
<p>Q110. Under section 3.1 can DWD provide the full scope and detail of the project from the objectives for technology and business objectives? If these are to be determined by the relationship discussions with DWD can you provide an idea of the methodology you will follow to scope these?</p>	<p>A110. The full scope and detail is provided in the RFP. DWD expects that further detail will be developed through a collaborative working process with the Contractor.</p>
<p>Q111. In section 3.1, for the “Understand current state of system, unemployment insurance policy and the result of past DWD modernization efforts” Epic, it is mentioned “This will require migration of legacy data and encapsulating the legacy system without compromising current functionality and adherence to legal requirements, as determined by DWD.” Does this imply that full data migration would be among the first desired priorities?</p>	<p>A111. Migration of data is a priority for DWD. However, DWD believes the timing of that migration and whether it occurs gradually or at once will be determined as part of the performance of this work.</p>
<p>Q112. Does DWD anticipate the need to convert every record into the new system, or is there some potential flexibility for creative solutions to provide access through varying means?</p>	<p>A112. DWD will need to meet its record retention requirements for all data. DWD is looking for Offerors to provide recommendations on the best way to address the data conversion needs in their proposal.</p>
<p>Q113. While the encasement API will be used to provide access to existing data through a new modern experience, is DWD also expecting to use an encasement API to convert and migrate data as the project progresses?</p>	<p>A113. DWD expects Offerors to recommend the best approach for the migration of the data in their technical approaches.</p>
<p>Q114. In section 3.1 for the “Begin to encase a legacy system, by building an API layer”, is it desired that this is separate deliverable or something to build into every modernized feature?</p>	<p>A114. DWD’s initial hypothesis is that the API layer is a stand-alone software component and that other components communicate with it to carry out their functions.</p>
<p>Q115. Does DWD intend to support the modernized system once it is deployed?</p>	<p>A115. DWD intends for the Contractor to transition maintenance and development work to DWD over the course of this Contract. Support for early deployments may be performed by the Contractor before this transition occurs.</p>
<p>Q116. After all periods of performance are complete, how does DWD intend to support the continual modernization of the system to ensure it remains consistently up to date?</p>	<p>A116. See A115 above. DWD will create a plan to support the system over the course of the period of performance.</p>
<p>Q117. Epic - "Assess current state and begin to modernize manual workflows in Adjustments and Special Programs (ASP)" Is remediation required in existing UI mainframe application? Or are you expecting the contractor to fix this in modernized app? (Section 3.1)</p>	<p>A117. DWD intends to fix this in the modernized system.</p>

Questions	Answers
Q118. In terms of the automation of ASP tasks, does DWD expect that automation to take place in the mainframe system or be implemented externally?	A118. DWD prefers that the ASP tasks be automated in a new system.
Q119. Is the selected contractor responsible for any change management activities, internal or external to DWD?	A119. DWD will be responsible for change management activities both internally and externally. DWD would expect the Contractor to provide assistance and support in these endeavors.
Q120. Is there a need to modernize analytics and reporting?	A120. See Section 3.1, table item #4: "Meet data querying needs of integrated applications, business intelligence, and reporting."
Q121. Does DWD expect to modernize / replace the current data warehouse? If yes, will that be a part of the scope of services for this contract?	A121. See A120 above.
Q122. Can you please provide a little more detail on the current business intelligence tools that are currently being used? Can you provide an approximate number of current reports and dashboards?	A122. See A120 above. The size of the existing reports will be identified through discovery.

Team Structure and Composition

Questions	Answers
Q123. Does the Government envision offerors as staff augmentation where we would come in and work alongside the current developers in the BITS group, or is there a desire for offerors to work as a standalone team, separate from the current development team, following external process to meet the programmatic objectives?	A123. DWD envisions this being a standalone team with assistance from existing DWD resources.
Q124. In section 2.2, it is mentioned that “DWD will identify an empowered Product Owner and Technical Lead to lead this project on behalf of DWD”. In section 4.1.6, it states “The staffing plan must also identify the proposed Project Manager and proposed Technical Lead by name and include a resume for each.” Are there going to be two Technical Leads, one provided by the Contractor, and one provided by DWD?	A124. Yes, the DWD Technical Lead would be responsible overseeing the technical work of the Contractor, advising the Product Owner on technical decisions, and assisting with communication to senior leadership. The Contractor’s Technical Lead serves as the primary point of contact for technical discussions and leads the development work among the Contractor’s developers. These roles are intended to be complementary, and DWD is open to revising the structure to best suit the working relationship.
Q125. How are teams being formed? Will contractors have defined scope we are solely responsible for or are we integrated into broader teams that are staffed by other vendors and State employees? Depending on this answer it will affect how the teams are staffed and structured throughout the project.	A125. DWD envisions this being a standalone team with assistance from existing DWD resources.
Q126. DWD anticipates two teams of 5-7 Full Time Employees each (10-14 FTE total)What are the responsibilities of both teams? What are the skillsets required for members of both teams assuming the .net based encasement strategy? (Section 2.3)	A126. The encasement strategy does not need to be .NET-based. Offerors are free to propose their own team structures based on their proposed technical approach, so long as it accomplishes the tasks identified in the solicitation.

Questions	Answers
<p>Q127. Regarding the resume submission requirements, please answer EACH of the following:</p> <p>Is it expected that bidders should provide resumes for all team members, or only for Mandatory Personnel? Would vendors who exceed the minimum resume submission requirement receive stronger consideration?</p>	<p>A127. Resumes should only be provided for Mandatory Personnel, not all staff.</p> <p>No, Offerors that exceed the minimum resume submission will not receive higher consideration. Additional resumes will not be considered.</p>
<p>Q128. The RFP makes reference to the project entailing 10-14 individuals. We just want to be sure this estimate isn't reflective of the intended collaboration between the contractor and the State's existing technical staff. Please just confirm that this quantification reflects only the contractor's Level of Effort (LOE), and that it does NOT encompass any of the LOE that might be contributed by the State or any other third party.</p>	<p>A128. Yes, this reflects the anticipated level of effort for Offerors, not state resources. The selected Contractor would need to work with DWD to gain access to the necessary DWD resources (See Section 2.2).</p>
<p>Q129. Do 5-7 Full Time Employees (FTE) include the Project Manager and Technical Lead?</p>	<p>A129. Each team could include a Project Manager and a Technical Lead, or they could oversee both or multiple teams. Per Section 2.3, "Contractors are encouraged to propose different team structures if it meets their technical and staffing plans." The total staffing plan is required to include one (1) Project Manager and one (1) Technical Lead.</p>
<p>Q130. Is the vendor expected to provide the labor category or the agency have any high-level plan? If so, please share.</p>	<p>A130. See Section 4.1.6, Staffing Plan, and Section 4.1.8, Price Submission.</p> <p>The staffing plan must set forth the Offeror's proposed approach to staffing the requirements of this project, including the titles of each of the labor categories proposed and proposed level of effort for each member of the Offeror's development team. DWD expects that the labor categories and staffing levels set forth by the Contractor in its price submission will be consistent with the Offeror's staffing plan. Offerors should provide labor categories that are easily understandable within the industry.</p>
<p>Q131. Who will provide translation support for languages other than English?</p>	<p>A131. DWD will contract with appropriate resources, if needed.</p>
<p>Q132. Which languages will need to be supported other than English?</p>	<p>A132. Language needs are based on the population of the state. DWD is currently required to provide resources in Spanish.</p>

Technical

.NET

Questions	Answers
<p>Q133. "Currently, DWD has in-house proficiency with .NET programming languages. While there is a preference for a Contractor that would be able to continue use these languages, DWD is open to proposals that use other modern programming languages."</p>	<p>A133. No, .NET programming will not score higher just for that reason. DWD will be evaluating the technical approach based on the criteria identified in the solicitation.</p>

Questions	Answers
How will DWD's preference for .NET programming languages be reflected in the technical evaluation? Will proposals that use .NET be scored higher?	
Q134. The RFP indicates a .Net preference. Based on previous experience with 18F solicitations, we are curious how strong this "preference" might be. Will proposed solutions that rely on .net components inherently receive stronger consideration, or additional/more/extra points in evaluation?	A134. See A133 above.
Q135. The RFP references staging and production environments. Are these environments to be furnished by the Government or the Contractor? Which party is responsible for furnishing the environment(s) in which in-sprint development and testing will take place?	A135. DWD will furnish the environments but identifying the options and solutions to be used will be a collaborative effort.

API

Questions	Answers
Q136. Although we recognize that the legacy solution codebase is definitely older, and that this scenario is highly unlikely, we just want to make absolutely sure that we are proceeding based on an accurate sense of the situation at hand -- Does the legacy infrastructure already have an API layer in place that would enable the necessary scope of data transfer / exchange / synchronization to occur back and forth with the new solution that is put in place by the selected contractor? Or will it be necessary to put the API /broker layer in place as a part of the project?	A136. Some SOAP web services exist as a bridge to some legacy code, but these would be insufficient to enable the necessary scope of data transfer. It will be necessary to put the API layer in place as part of this effort.
Q137. Do you plan to use an API management/API Gateway product and if so, is there a DWD preferred product that we should consider?	A137. No, DWD does not currently have a preferred AP Gateway product and is open to recommendations.
Q138. Is there a current API program in place today? If yes, please share details around it (for example number of API's running in production, maximum and average transactions per second, number of users etc.)	A138. No, there is not an API program currently in place.
Q139. Are there any enterprise systems available with which API Encasement layer need to integrate? For example, Security Systems, Logging, monitoring, Auditing Systems etc.	A139. Yes, some systems have existing integration with API Encasement layers and need to be integrated in the new solution (for example, Active Directory). Additional details can be made available during discovery.

BUSINESS RULES

Questions	Answers
Q140. "Documenting the policy rules that govern the system and the claims process, identifying the legal requirements for operation." Please clarify if business rules are needed during Assessment/Discovery phase. (Section 1.3)	A140. DWD expects that discovery will be a continual, ongoing process. As a result, policy documentation may continue in parallel with software development. Initially, DWD expects to conduct enough

	documentation of policy rules in order to begin software development.
Q141. "Due to the frequency of policy changes, DWD prefers products that can be easily updated, especially by non-technical users." Does DWD have a preference for externalizing rules in Business Rules Management System (BRMS) or a low code platform? (Section 2.2)	A141. DWD does not have a preference. The vendor should provide their recommendations and explain their reasoning for that recommendation.

DATA

Questions	Answers
Q142. Is there existing test data or a synthetic data set that can be reused for testing? If synthetic data does not exist would the Government be opposed to purchasing or developing synthetic data sets?	A142. DWD does not have a test data set. Offerors proposing a synthetic data set as part of their technical approach should explain their reasoning and DWD will evaluate it.
Q143. How is test data provisioned currently? Are there any tools or scripts already in use?	A143. See A142 above.
Q144. Please explain in further detail the current relationship between the DB2 database and Oracle. Is there something synchronizing the data between those system components? If so, what is the scope of functionality being accomplished, and could the same functionality be leveraged by the bidder's solution?	A144. No synchronization is happening. The Oracle databases capture data from claimant form submissions, while all other data is within the mainframe. There is some data injection to periodically transfer claim filing data to the mainframe through batch jobs. DWD has not yet evaluated existing components for reuse. Data is currently synchronized via the JCL batch jobs.
Q145. Building an extraction layer to pull data from DB2, transform it into the updated data model. Will the transfer be one time or incremental?	A145. DWD anticipates that it will be incremental.
Q146. How many Batch jobs are running on Daily/Weekly/Monthly basis? On average, how much data is exchanged (no of records created/updated)	A146. See Appendix C for the approximate number of Batch reports and programs.
Q147. Is the 8.6 million lines of code exclusively Cobol? What is the version of Cobol and what is the distribution of components like (for example copybooks, JCL's etc)?	A147. Yes, the lines of code reflect COBOL code. Additional details are available in Appendix C. The Cobol version is IBM Enterprise COBOL for z/OS 6.1.0 P171018
Q148. Has DWD done an assessment on the current mainframe environment to validate the encasement strategy and subsequent incremental retirement of functionality can be executed as-is? Or is it anticipated that there may need to be changes made to the mainframe system? If the latter, will DWD or the selected contractor make and maintain those changes? Can you provide additional details on process that will be utilized to conduct these checks?	A148. DWD has not done an assessment to validate the encasement strategy. DWD is anticipating that early in the process the Contractor will work DWD to determine the best way to address this. DWD anticipates that there will be changes to the mainframe to accommodate the new development and that those changes will be made by existing DWD staff and contractors.
Q149. "The database contains about 5,000 tables and about 3.3 billion rows of data going back to the 1970s." Please clarify if 5000 tables count is from production environment. If no, then please provide breakup of DB2	A149. This number reflects the production environment.

Questions	Answers
tables per region (Dev, Test, QA, Pre-prod, Prod etc). (Section 1.2.3)	
Q150. What PII is currently available and used in the existing system?	A150. The current system contains detailed claimant and employer data.

ENVIRONMENTS

Questions	Answers
Q151. Is the Contractor responsible for selecting and configuring the deployment environment? Do you have a preferred platform?	<p>A151. DWD is open to the choice of platform. If Offerors have a preference, please include the reasoning in the technical approach.</p> <p>Selection will be a collaboration between DWD and the Contractor. Configuration responsibility will depend on the selection, but DWD expects that the Contractor will play a role.</p>

EQUIPMENT

Questions	Answers
Q152. Will the contractor be required to use Government Furnished Equipment (GFE) for remotely accessing Wisconsin systems?	<p>A152. The Offeror should recommend its preferred option, but DWD's preference is that they use their own equipment. DWD's equipment requirements include:</p> <ol style="list-style-type: none"> 1. All equipment, to include workstations (devices), must run the most up-to-date version of Windows 10 operating system (or equivalent such as Chrome OS, Linux, etc.), anti-virus software, and internet browser (preferably latest version of Chrome), etc.; 2. The Contractor must comply with all requirements for connecting to the state datacenter, including, but not limited to, using VPN tunneling protocols, and accessing DWD systems, including using the most up to date browser; and 3. Technical staff (e.g. engineers, network, infrastructure, etc.) must provide necessary support during and as needed after hours to ensure stable work environments during hours of operation. <p>The Contractor will connect to the State system over a state provisioned VPN.</p>

INTEGRATION

Questions	Answers
Q153. Do these systems integrate with the mainframe COBOL system or are they offering isolated functionality?	A153. Some systems are integrated and some are standalone. These will be further identified during discovery.

Questions	Answers
Q154. What external entities and systems that access the backend database does the current UI ecosystem interact with? How many of these systems/entities will the new ecosystem need to interact with?	A154. Sees Section 1.2.3, Figure 1, for some examples of external systems. DWD expects that the new system will continue to interact with the same external systems.
Q155. Does DWD have a list and/or count of external and internal integrations, including the type of integration, frequency, and volume?	A155. See A154 above. More detailed information on the frequency and volume will be shared during discovery.
Q156. What other integrations are there beyond, SSA, USBank, New Hire Vendor? Workforce, RES Services? If any.	A156. See A154 above.

MAINFRAME

Questions	Answers
Q157. Relative to any COBOL requirements of the project, please respond to EACH of the following: a. Can bidders expect that the State’s current technical specialists will be able to support any COBOL-related requirements that arise? b. Specifically, will vendors be able to rely on the State’s technical staff to create any APIs that are necessary for the legacy COBOL infrastructure? c. Is there any expectation that the bidders will need to directly handle the existing COBOL application, or will the State be exclusively responsible for management and extension/adjustment of the legacy codebase? If applicable, please clarify the scope of the foreseeable needs for the vendor to work directly with the COBOL code.	A157. a) Yes, DWD will provide subject matter experts and technical specialists for COBOL-related work. b) No. The Contractor will be responsible for developing APIs that interact with the COBOL systems. c) At this point, DWD does not expect that the Contractor will work on the existing COBOL application.
Q158. Are these two bullets referring to the same database, so that the “system of record for UI Benefits system data” stores its data using the schema ported from IDMS?	A158. Yes.
Q159. Transitioning the functionalities from the mainframe-based and other legacy UI systems to the new system when the UI division decides a feature/function is ready to be made available for users— both systems will run concurrently for a while but only one will be the system of record at any given time for any particular functionality. - is there an expectation of 100% functional match between the modernized application and legacy mainframe application? (Section 1.3)	A159. The results within the new system would need to match results from the old system, but the process to get those results will not have to match 100%. DWD is envisioning process improvements as a result of this effort.
Q160. Can existing mainframe code be used to convert the legacy application to modern cloud one? (Section 1.3)	A160. Porting the existing mainframe codebase to another platform is not desired.
Q161. Can code analysis tools be installed on State of Wisconsin data center? Can the source code be analyzed by tools in Atos environment?	A161. Yes, code analysis tools could be installed with review and approval from DWD.
Q162. Existing System Metrics - Metrics for the UI Benefits System & Metrics for UI - BOLA/ACMS system don’t add to 8.6 million LoC. Please provide	A162. DWD does not have a detailed inventory of mainframe code. More detail will be identified through discovery with the successful Contractor.

Questions	Answers
detailed breakup for the mainframe inventory that is in-scope for this RFP. (Appendix C)	

MISCELLANEOUS

Questions	Answers
Q163. Please provide total MIPS used by the UI Application (section 1)	A163. DWD does not have a total MIPS. More detail will be identified through discovery with the successful Contractor.
Q164. Can DWD share the list of software's currently being procured or used for this program. Can DWD share the list of software's currently being procured or used for this program. <ul style="list-style-type: none"> • Authentication • Reporting Tools • Enterprise Job Scheduler • MFT • ETL • API Gateway • Code Analysis • Static Security Code Analysis • Performance Testing • Security Testing • Other tools or DWD software's the identified team needs to be familiar with 	A164. System software and programming needs are always changing with the needs of the UI program. More detail about the existing software will be provided during discovery and decisions about procurement will be made as new recommendations are brought forward.
Q165. Can you clarify the breakup for the number of users using this System?	A165. The number of users can fluctuate. Internal users range from 500 to 4,000. Claimant users 100,000 to 400,000 per month. Employer users are around 63,000 users per month. The system needs to be responsive to number of users.

TOOLS

Questions	Answers
Q166. Does DWD have an existing DevOps pipeline or preference for the tooling to be used in DevOps?	A166. DWD does not have an existing CI/CD pipeline and is open to recommendations as part of the technical approach.
Q167. Are there any existing product standards for automated Testing and CI / CD? Or is DWD open to recommendations?	A167. DWD does not have existing standards for automated testing and CI/CD and is open to recommendations.
Q168. Is DWD currently using any agile and DevOps methodologies? Are there specific tools in use at DWD that should be used for the project?	A168. DWD has previously used agile methodologies but is not currently using them. DWD is open to proposals for tools that could be used for both the agile and DevOps practices.
Q169. Do all organizational levels of DWD currently understand the agile development methodology and minimum viable product concept?	A169. All organizational levels within DWD are aware of the agile development methodology and minimum viable product concept, but additional information may need to be shared.

PREFERENCES

Questions	Answers
Q170. Does DWD intend to integrate and leverage the existing OCR solution?	A170. DWD is open to suggestions for the Offerors regarding OCR.
Q171. Is there a current architecture, product or platform that DWD has already in place where the new modernized code will be built upon? If this is a new build, should a portion of the 10-14 staff being requested be focused on infrastructure buildout and support?	A171. There is no current architecture, product, or platform in place for the new code. The Offerors should decide what the best team composition is to meet DWD's needs.
Q172. Source Code: What application would the state want to use for source code repository?	A172. DWD has not determined this.
Q173. What is the preferred target technology stack and technology components? (Section 1.3)	A173. There are no defined preferences at this time.
Q174. Are you expecting new system to be predominantly batch oriented or should it follow modern architecture like event driven, pub sub etc? Can other applications internal and external to DWD ready for the newer architecture? (Section 1.3)	A174. The intent is to follow modern architecture.
Q175. Is there a preferred software for requirements, development epics/stories/tasks, defects, risks, testing, etc. (e.g. Rational Tools Suite, or JIRA and Confluence)?	A175. No, there is no preferred software.
Q176. Are there any specific software components that the State has already identified that it would like to introduce or keep in place for the long term? If so, please identify these components for all bidders, so that these preferences can be factored into solution proposals.	A176. No, there is no preferred software.
Q177. Does DWD have a preference currently regarding a target database environment for the new system?	A177. No, DWD has no preference.

QUERIES

Questions	Answers
Q178. SQL Queries - Please provide more details on SQL queries - how are they used (periodic/adhoc etc)? Any specific functionality is delivered from the queries (for example Reporting/Providing data to Regulators etc) Who uses the results (business users, IT etc)? Do they need to be migrated to the modernized application? (Appendix C)	A178. DWD uses both periodic and ad hoc SQL queries, and such queries are the source for any use of data. DWD does not expect that these SQL queries will be directly migrated, but rather that the new system will accommodate the needs of users into its design.

RESOURCES / DOCUMENTATION

Questions	Answers
Q179. Relative to project orientation and familiarization with the legacy infrastructure, please respond to EACH of the following: a. What resources and support will the State be prepared to offer to the vendor to assist with legacy infrastructure orientation and familiarization?	A179. a) DWD will provide subject matter and technical experts for infrastructure orientation and familiarization. b) There is existing documentation, but the quality and substance of the documentation varies drastically. More detail will be identified through discovery with the successful Contractor.

<p>b. Is there documentation of the legacy infrastructure available, and if so, please provide a sense of whether it is up to date and sufficiently organized to allow for orientation of developers to the legacy solution architecture, business logic, and code base.</p> <p>c. To the extent that a substantial portion of the legacy code is probably older, we would be curious about the extent to which the legacy code might be deemed easily “human readable.” Insofar as it is probably difficult to convey the comprehensive reality of the overall code condition with any degree of precision, perhaps the response to this inquiry could be conveyed as a simple “confidence level” that the code will be readily interpretable by the developer (ex. 50%).</p>	<p>c) The code is readable. Please refer to b) regarding the degree and quality of documentation available for the code.</p>
<p>Q180. On page 9, the RFP makes reference to a "custom ORM library." Would the state please provide additional information on this library? Was it built in-house? What are its capabilities? Would bidders be able to leverage it in their solution?</p>	<p>A180. This ORM was built in-house. It is available for reuse, along with any other DWD-authored code, in the event that it is helpful.</p>

TESTING

Questions	Answers
<p>Q181. Will DWD perform manual testing in addition to the automated testing done by the Contractor?</p>	<p>A181. That has not yet been determined, but is likely.</p>
<p>Q182. Do you have at least two test systems (Dev and QA) for the existing systems which will be encased/integrated/replaced?</p>	<p>A182. DWD currently has three environments: production, development, and test. It is anticipated that the new system will have similar environments.</p>

TIMELINE

Questions	Answers
<p>Q183. What is DWD's time estimate for replacing the current legacy system(s) based on 10-14 resources per month using the "strangler fig" pattern referenced in the Encasement Strategy section of the RFP? (Section 1.3)</p>	<p>A183. DWD would like to replace its UI system as soon as possible, but recognizes that it may take time to accomplish the full breadth of the project. Offerors should indicate the amount of progress they anticipate DWD will see over the period of performance given the their technical approach.</p>
<p>Q184. Is there a general expectation that DWD has from a timeline perspective? What are you hoping to accomplish in the first 12 months?</p>	<p>A184. See A83 above.</p>