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of **ALASKA**
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RFP # 18-502-23 – Addendum Two

To: RFP # 18-502-23
Interested Parties

Date: Tuesday, November 22, 2022

From: Bryant Trujillo – Procurement Specialist 3
Department of Administration
Office of Procurement and
Property Management

Subject: RFP # 18-502-23
Addendum Two

The solicitation package for **Request for Proposal (RFP) 18-502-23 – Comprehensive Data Management System** for the State of Alaska, Department of Environmental Conservation (DEC), Division of Spill Prevention and Response (SPAR) is hereby clarified or changed as follows:

1. A transcript of questions submitted during the pre-proposal conference meeting held on Tuesday, November 16, 2022, at 10:00 AM Alaska Standard Time (AKST) by interested parties and answers provided by the Division of Spill Prevention and Response (SPAR) representatives.

The transcribed meeting correspondence begins on page two. Addendum Two is hereby made part of the Request for Proposal (RFP) and comprises seventeen pages.

All other terms and conditions for this Request for Proposal (RFP) remain unchanged.

Issued by: Bryant Trujillo
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Pre-proposal Conference Meeting Transcript

Bryant Trujillo: Memo, do you want me to kick things off since you're having technical issues? All right, I think I'll go ahead and get started then for us, since we're having issues here this morning. Hello. I am Bryant Trujillo. I am with the Department of Administration, Office of Procurement and Property Management. We are here today to talk about request for proposal 18-502-23. Which is for the comprehensive data management system for the Department of Environmental Conservation, Spill Prevention and Response.

Guillermo Castillo: Right, right. Bryant and I have discussed this that if I'm... Super... Broken up with my...

Bryant Trujillo: Think we lost you again there, Memo.

Guillermo Castillo: Check here... Have him host...

Bryant Trujillo: All right, we'll, uh, we'll keep going ahead because I think we're we just lost Memo again. So. The other people here in the meeting are gonna be Guillermo Castillo, which is my partner in crime over here at the Office of Procurement and Property Management. Unfortunately, Travis Oaks, our boss, is unable to attend today. We are also joined by the Department of Environmental Conservation representatives: Teresa Melville, Nora Moriarty, and Kaitee Perisich.

Teresa Melville: Additionally, we have our director, Tiffany Larson on this line with us too.

Bryant Trujillo: Welcome, Tiffany. Alright. And so as this goes here with this is an opportunity for our attendees to ask questions of both the Department of Administration as well as Department of Environmental Conservation. I will be happy to answer, as best I can, contracting questions relate to the actual contract nature, while the DEC staff will be happy to answer questions regarding scope of work. And with that, I will be passing it on over to Nora, to kicking things off on the scope of what they're looking for.

Nora Moriarty: Great. Thank you very much. Hello everyone. I'll just get right into it. So the deal is that we have a number of systems currently in use by members of the Division of Spill Prevention and Response that have a number of issues ranging from maintainability issues due to the age of the systems, redundancy in data sets between the systems and consequently, uh, data disparity between the two due to lack of proper transfer processes. What we're looking for is to develop what we're calling a comprehensive data management system that can bring these together in a rewrite where redundancies are reduced, communication can be more seamlessly shared between the groups that utilize these old systems. Uh, and that the, uh, the frame, the, the technology and the frameworks utilized. And. Uh, the more maintainable for the developers that are responsible for it, and additionally we need these new database to also be able to interface with other systems within the Department, not just Spill Prevention and Response. Uh, so I guess from there we go right into questions, Bryant?

Bryant Trujillo: Yeah, I was actually gonna... I failed to mention earlier this, this, uh, meeting is recorded, and a transcript will be provided within the next few days after the meeting. With that, I open the floor to anyone who's interested in asking questions. And, if you wouldn't mind, just in case we have issues on the recording,

stating who you are and what company you're with so that I can document that. Do we have any questions this morning?

Bob Mahnke: So, Bryant, if we submitted questions in writing, prior, they will be answered in an amendment or an addendum to the RFP?

Bryant Trujillo: Correct.

Bob Mahnke: OK, thank you.

Bryant Trujillo: Yes. So, we do have several questions that we are working through at the moment. Those responses will be provided within the next few days.

Brin Marx: Hey, Brin Marx with Wostmann and Associates here. Regarding data disparity between the existing systems, what is your overall plan for reconciling that data as it moves into a new unified system?

Nora Moriarty: Reconciling the data will need to be part of the, uh, deliverables for the RFP. We don't have a specific plan laid out, presently.

Mickey Rahman: Hey, this is Mickey Rahman from, from RICOH USA. Could, could you give us an outline of how many applications or be able to show us what those applications are, what they do?

Nora Moriarty: I don't. I don't think I can get into, uh, a show and tell on the applications right now, but I can give you a generalized breakdown. Um, there are, uh, three major, what with three major data sets that this data that the data addresses that relating to contaminated sites, spills, and cost recovery. For contaminated sites, we currently have two major applications. One is public-facing and allows users to search and see data corresponding to contaminated sites and then an internal-facing application which is responsible for data entry corresponding to contaminated sites, as well as calculation of the workload priority of the a strategy called the exposure tracking model. Spills has a similar setup. There's a public facing component where users can enter criteria and get back a list of spills and get details on those individuals spills as, as necessary, and then there's an internal side with data entry. Cost recovery currently does not have a, a core system or data set available yet, so that's what that's a new addition as of this project.

Mickey Rahman: The, the sites for the applications for each of them for like for the contaminated you mentioned there's public and external and internal, it's the same app, right? Just different interfaces for external versus internal people?

Nora Moriarty: Um, it's the same data. So, the data comes from the same databases, but they are separate application solutions.

Mickey Rahman: How much? How much data do you think you have for each of these applications?

Nora Moriarty: Can you give me an idea of like oh how you want that measured? Like...

Mickey Rahman: Like how many rows, how many rows?

Nora Moriarty: So, I think I'm going to have to defer that question, but we can get that information. I also need to amend a statement that I made. I said that cost recovery doesn't currently have a system. It's more accurate to say the cost recovery currently runs through the Department central system called CRITTS, which we will need to continue to be able to interface with, with the new solution. But, the idea is to get cost recovery in line with our other with the other data sets which are related and again, like, suffer from redundancies and data transfer loss.

Mickey Rahman: OK. How many? How, how do you enter in the data today internally?

Nora Moriarty: Uh, data isn't, so, for CSP data is entered using a .NET application. And, sent directly to the database, which is a SQL Server database and it's the same for spills as well.

Mickey Rahman: So, it's, it's, it's manually added?

Nora Moriarty: Oh, yeah. Yeah, I'll, I'll clarify. Users, users enter data through the application interface.

Mickey Rahman: Gotcha. How many users would you say?

Nora Moriarty: Uh, let's see here. I do have estimates. Let me pull that up real quick, and I will stress that this is an estimate. I have been informed that we have about 20 users for the spill system and up to about 80 users for the CSP system.

Mickey Rahman: And, then they enter in the data, and then on the external site you can search for it, I guess, right?

Nora Moriarty: That's right.

Mickey Rahman: You can search right those records. OK... Um, is the, uh, I was... Uh, the site is what dec.alaska.gov/spar?

Nora Moriarty: That's right.

Mickey Rahman: ... That is, that's the external one, the active spar online services?

Nora Moriarty: So, yes, the, all of the systems I mentioned and more. Sorry, all the public-facing systems I mentioned and more are available through the SPAR online services page. It's worth noting that not everything on that page is slated for the new system, but the relevant parts if you want to check it out for yourself, if you're looking at the SPAR online services page... Actually, if you don't mind, I'll go ahead and share my screen real quick. Um, so, if you can see my screen right now, you see that we have the SPAR online services page. I think we can provide the, provide the URL after the fact for anyone else that's interested, but the, the major components of note are the CSP database search so you can go here and you can see that we have a fairly standard parameter-based interface. Uh, and then we have a similar setup here for spills. So, if, if people want to see what we currently have public-facing for the systems that were that are being prescribed for this project, I would direct you to CSP database searches, spills database search with the addendum that this may not necessarily this shouldn't like inform necessarily the full totality of what's going into the new versions.

Mickey Rahman: And, uh, is the data for the contaminated sites versus spills versus cost recovery separate?

Nora Moriarty: Presently, they are, but the objective of the, of the project... One of the, is to, is to remove those redundancies and reconcile the data.

Mickey Rahman: Gotcha. And, you mentioned the other system, and I think we saw it in the RFP is the, the, the CRITTS, the CRITTS system. How? How does that play into these three application?

Teresa Melville: Do you want me to take this one, Nora?

Nora Moriarty: Please! Thank you.

Teresa Melville: So, CRITTS is actually our... It's a DEC-managed system, and it does our billing for different Divisions within the Department. It also is how our employees track their time which we bill... We then bill their time. That, uh, is not going to go away, nor do we want it replaced. But, we need to be able to interface. With it. So that, that is... So, that A talks to B talks to C kind of thing. And, that, that's kind of the one big piece of that interface that we're looking for.

Mickey Rahman: Gotcha. So, in terms of the kind of data, you don't have to get two details into it, but you have the contaminated sites, the spills, the cost recovery... What kind of data would it be pulling, or...?

Teresa Melville: From CRITTS?

Mickey Rahman: Yeah.

Teresa Melville: That would be our... So, what is increase that we bill for is we have personal services which is our employee time. We have non-personal services which are, uh, if we had to hire a contractor, if we had to buy supplies for a specific site. Things of that nature. Uh, and, then our billing rate is in, is within, is embedded within CRITTS. So, that is that's kind of everything that that holds that, we need, you know, we just need to make sure that they're talking.

Mickey Rahman: Will the new sites be pulling data from anywhere else? Or, sending data anywhere else? Would it integrate with anything else, from a data perspective?

Nora Moriarty: Well, there will be, there will be reporting requirements for each of these systems. Uh, I don't, during this meeting, wish to prescribe the, the means by which those reports would be generated or served. But, it, it would, that could warrant integration.

Mickey Rahman: OK. OK. And, that is, that is in scope for this project as well, right?

Nora Moriarty: That's right.

Mickey Rahman: OK. Where is this hosted right now? Is it hosted in Azure or on Prem?

Nora Moriarty: These, uh, are all these systems are currently hosted on Prem. That being said, we are in the middle of an initiative to move to, uh, to cloud hosting in Azure in the long run, but I don't know if these systems, when these systems will be making that mark.

Mickey Rahman: Based on, I think in the RFP there was a reference to the, the Alaska cloud-first policy. So, are you, are you expecting the new application to be cloud hosted or on Prem, or does it not matter?

Nora Moriarty: Uh, it does matter, but it's not as simple as yes or no that I can offer, like right here on the, on the spot. There are nuances to hosting options based off of what we're gonna need to do to integrate with CRITTS. What we're going to do to integrate with other systems across the Department. Um, but the short version is that if it's feasible to perform the task and have it hosted on Azure, and when I say feasible, I don't mean like, is it feasible to acquire an Azure tenant that's, that's a given, but rather that. If, if it's feasible to have it hosted on Azure and still function the way it needs to function, then that would be our objective.

Mickey Rahman: So, it there's, there's internal systems, it needs to talk to and you just want to make sure that if it's on Azure that it can still talk to those internal systems.

Nora Moriarty: Precisely.

Mickey Rahman: And, do you currently, does the, do you currently have an Azure tenant already that you do other things in?

Nora Moriarty: So, the, the, the State of Alaska does have an Azure tenant. I don't know the current state of the Department's access to that tenant. So, I need to defer that question for the amendment.

Mickey Rahman: OK. In terms of, so if, if the option... Let's say we find out that the internal systems cannot talk to the Azure, cannot talk to the internal systems. In that case, if we rule out cloud hosting Azure, where would it be hosted? Within the existing on Prem environment?

Nora Moriarty: Yes.

Mickey Rahman: I'll let someone else ask anything else.

Morris Liao: Yeah, this is Morris Liao with Slalom. Just some additional clarifications right now. So, for the current existing apps, they're on Prem, or they, are they currently hosted up in Azure?

Nora Moriarty: All the current existing apps are currently on Prem.

Morris Liao: Currently on Prem.

Nora Moriarty: Right.

Morris Liao: OK. And, then for the sites that are currently out there right now for both sides spills and the contaminated sites program, is the plan to update those sites as well as part of the scope of work?

Nora Moriarty: Yes, so that the public-facing components will also warrant to rewrite.

Morris Liao: OK. And, are there?

Nora Moriarty: OK, sorry.

Morris Liao: And, are there restrictions on the technology stack? Because I know for the? Like there's a call out in terms of you need to use the .NET6 and, like, MS SQL 2019 by the restrictions on the technology stack for the front end.

Nora Moriarty: No.

Morris Liao: OK. There's a question...

Mickey Rahman: Go ahead. Sorry.

Morris Liao: OK. I don't... A question in terms of like someone asked about the data like size and everything for the data migrations. I don't know if you have any information in terms of how much data would need to get migrated and transformed into something happening... In terms of the size.

Nora Moriarty: I, uh, I think just for the, just for the sake of precision, I'll... I'm going to defer that question to the amendment when I get the information on the row count that was requested earlier. I can also include an estimate of, uh, what we're looking for in terms of reconciliation.

Morris Liao: OK. And, then for the cost recovery portion of the scope, is there a front end to that or, or what's the...? I guess. What's being asked for the, the cost recovery portion of it? Because, it seems like it was only called out for sites for the CSP and the spills.

Nora Moriarty: Right. So, there's currently there, there is no public-facing site to the cost recovery part, that part will be strictly internal. So, there isn't a really, like a public-facing example that I can share.

Morris Liao: So, then the scope of that like an internal application?

Nora Moriarty: Yeah. Internal application, uh, no data redundancies with the other datasets corresponding to the other parts of the system that are being reconciled here. So, again, we're looking for inclusion in the comprehensive application, uh, as well as necessary interfacing with the CRITTS times system as well.

Morris Liao: OK. And, then with the cost recovery needing to integrate with the CRITTS system, the assumption here is that there are access points or APIs exposed for that, right? So, if there are...

Nora Moriarty: Go ahead. Sorry, I didn't mean to interrupt you.

Morris Liao: No, I guess one, you know their APIs are access points exposed, and then if there are need for changes within CRITTS, like who would be responsible for that?

Nora Moriarty: Oh, OK. So, I'm, I'm informed there is an interface for CRITTS, but I don't know the specific technical details of how that interface is presented. Um. And, uh, regarding if changes to CRITTS would be necessary that would... Umm, I'm going to defer that question just to be on the safe side. I don't mean to be withholding, but I don't want to speak for people who aren't, aren't at the meeting. So, I can get you an answer for that soon.

Morris Liao: OK.

Teresa Melville: Yeah, that would be something that would be internal within the CRITTS development team, and you would like, you would have to work with them. But, we can get all the information that you're asking from them. Yeah, because that's not a piece that we manage.

Mickey Rahman: I have another question. So, the site today is, I think `dec.alaska.gov`. And, then when you go to the online services, there's specific applications within there. But, uh, if these applications are rebuilt? Would they still be on the same, like it still needs to be part of this greater `dec.alaska.gov`, right?

Nora Moriarty: Yeah. I mean, they'll still need to be accessible from within the `dec.alaska.gov` domain.

Mickey Rahman: Right. So, my question is from, for example, it's going to now, `dec.alaska.gov/application/spar` and then you have the individual applications... If we build it and if it's, if the new applications are built and let's say it's on, Azure or, or wherever it needs to be in the same domain, right?

Nora Moriarty: Yes.

Mickey Rahman: ... It needs to be all, all... OK. So, it needs to fit into the existing ecosystem is, is what I mean, right?

Nora Moriarty: Uh, I'm not sure I entirely understand the question, but I'll take a stab at it, and then you can let me know if I need to clarify. So, it does need to be accessible through the same domain, but... These data sets, aside from the ones I've identified, for the, for the scope of the contract. Um, they don't... They're not the same data set. So, as far as like, we will probably still need to provide hyperlinks to wherever the new version is hosted, and we may very well include those hyperlinks on the page that you see here. But, that doesn't necessarily mean they need to be part of the same solution.

Mickey Rahman: OK, so to that point, there's, I guess the new, will the new applications, they have to conform to this look and feel right from, from a graphic perspective? Alaska guidelines, like branding guidelines?

Nora Moriarty: So, this is, this is kind of a funny thing. There is such a thing as a State look-and-feel guideline, but I've been informed that our that was our requirements only exist for the, uh, for the static pages as opposed to the application pages that we're discussing right now. So, that doesn't apply in this case.

Mickey Rahman: So, when you click on SPAR online services, and you go to CSP database search that doesn't have to be within the Alaska frame?

Nora Moriarty: Yeah, I mean, uh, yeah... I, uh, I won't get into specifics. I would say that they it's, it's likely that you know Alaska will, we should still be making it clear that it is the State of Alaska and the Department of Environmental Conservation. But, this particular layout, these particular styles that you're observing on the page are not... Are required for the new version.

Josh Kewley: This is Josh Kewley with Slalom. I have a follow-up question from something I heard earlier. Just wanted to clarify, I heard you say that the data is input using an application by various people. You say application. Is that a desktop application or you're talking about the website itself?

Nora Moriarty: Oh, web application.

Josh Kewley: OK. On the back end for those administrative interfaces... What is the...? Do we know that the authentication, authentication mechanism is? Are, are these users and then some sort of Active Directory?

Nora Moriarty: OK, yeah, I can get into this. Uh, though I, I should state up front that these don't necessarily reflect as requirements of the new version. We will of course need an authentication mechanism, but it does not necessarily need to be handled the same way. So, for contaminated sites. OK, so for starters, uh, authentication for both systems is done through Windows authentication. We identify users based off of their DEC user credentials. Um, so that handles authentication, but I'm gonna go ahead and interpret the question to include... Uh, authorization and say that it works differently between CSP and spills, and CSP authorization is granted by checking the Active Directory groups of the users being, for example, in the CSP program manager Active Directory Group indicates to the system that the user that's been authenticated through the DEC authentication, uh, has access to functionality corresponding to program managers and same for like administrative users, so on and so forth. For spills, however, we have an in-house authorization system. We call it DEC SPAR security and it, it's a, it's a, we have a user-friendly interface. Uh, again another web application in which users can specify, that is users with necessary permissions, can specify what roles they want other users to have within spills, and then spills accesses the corresponding database instead of Active Directory.

Josh Kewley: Thank you. Follow on to the question about SQL 2019, if the... The goal is to get into Azure and into the cloud as the State of Alaska open to adopting Azure SQL PaaS solutions such as Azure SQL or, or other solutions? Or, is it gonna be a VM with 2019 on it?

Nora Moriarty: I can't speak to that here, but I can give you that answer with the amendment.

Josh Kewley: OK. Now one more, uh, going back to the established Azure presence for the state of Alaska, do we know anything about, and I know they said that there's a broader tenant that represents entities outside of your purview... Do we know that there are established standards, things like...? Enterprise scale or patterns related to networking security policies, landing zones, that sort of thing is that is, that work been done, because we assume that there would be cloud to on Prem connectivity available?

Nora Moriarty: Uh, sorry, I... These are really good and relevant questions. I'm just unlucky enough to not have my, uh, Azure, uh genius with me here today, so I'll have to defer that one as well. I'm sorry.

Josh Kewley: OK, and then... Sorry, I'm kind of all over the all over the page here... Going back to the usability issues that were noted in the RFP. Does the does the State of Alaska, have you guys worked through those issues and kind of come up with strategies or ideas, or those still yet to be worked through? And, if so, who leads those discussions? Is it something led by the vendor? Or, is it being led by the State of Alaska?

Nora Moriarty: That's a great question. Um, so we have reviewed these concerns at a high level. But, we haven't gotten into the nitty-gritty, so to speak, so we don't have a prescribed plan or a desired new interface strategy identified. As far as addressing that, I would be assisting as manager of the development team, but it would be we would, be working with the vendor as well as the users of this system to determine those requirements.

Josh Kewley: OK. Um. And, I'm gonna bounce around a bit here. You're... The RFP had kind of had back-to-back, developing back-to-back development cadence for the three systems. Um, looks... I think there was six months, six months worth of effort to do one then the next, and then the next. Is there, is there any possibility or is that Alaska open to the idea of doing some of that work in parallel, especially since there are it seems like there are shared data stores in the back end? That could benefit from kind of visibility from all three systems?

Nora Moriarty: Uh, yes, so... Yes. Um. Of course. That the, the, the due dates for each component are met.

Josh Kewley: OK.

Nora Moriarty: So, like we're not opposed to a, a, a quote-and-quote early start for spills. It just can't preclude completion of CSP.

Josh Kewley: Gotcha. Uh, do these systems manage just the data stored in SQL Server, or are there also documents either in terms of importing and exporting saved spreadsheets or PDF or something? Or, is there are, there contracts that need to go if you stored and delivered to end users? I'm wondering if there's a document strategy in place here as well.

Nora Moriarty: Right. So... Both systems currently use a shared data source for document storage. And, that data source is accessed by way of a WCF service. Um... So, that capacity will need to be retained. Additionally, the reports that exist for these systems also have export capabilities, so whatever is implemented in terms of reports will need to retain the capacity to basically the capacity to export as CSV or PDF or Excel.

Josh Kewley: OK, great. I guess this would be a little more specific here. Is there any parts of the system -- I think this was asked earlier, just want to clarify -- is there any capability today or do you see capability in future to import data feeds such as CSV files or Excel spreadsheets?

Nora Moriarty: Oh, I see. Umm... No. Yeah.

Josh Kewley: Thank you.

Mickey Rahman: I wanted to ask about, I think the technology stack restriction. I think in, in the RFP it was stated has to be .NET 6 and SQL 2019 which you mentioned that there is no restriction on the front end as far as any kind of framework we want to use for the front-end presentation. Is that right?

Nora Moriarty: That's correct.

Mickey Rahman: Also, do you... Will we be working with the technical team from DEC or is this... Will there be... What, what, what will be the engagement model there?

Nora Moriarty: Right. OK. So, the, the expectation we're holding is that the developers will be working with SPAR IT. That's the name of the IT team that I oversee that is concerned with these systems. We... I will be participating in requirements gathering with the vendor. I will also be participating in demonstrations and code review. But, members of the, of the team that is developing the system will need to participate in regular check-ins with us. We want to integrate issue tracking with our current issue tracking system and manage our, manage our schedules the same way which is right now we're doing two weeks sprints, so it's just a matter of

tracking those issues. We have, we have a JIRA board for, for our issues and we're just looking at making sure that we track those concurrently with our other, our other issues. But, the bulk of the actual development will be up to the vendor.

Mickey Rahman. OK. Do you... Would you be able to explain how your process works today? Like your development process, your DevOps process, how do you launch your production, and things like that?

Nora Moriarty: Sure, I'll, I'll try to keep that high level, and then you can let me know if there's anything that you need have clarified. So, starting from the beginning, we have, like I mentioned, we have an issue tracking system. This allows us to track the state of each of our issues as expected. We receive requests by e-mail. We log the issues into the tracking system. Every two weeks, we identify the highest priority items. Try to clean up the issues so that the deliverables are clear and the, the relevant contacts are identified. Try to... Uh... Try to project what the, the cost in terms of complexity and time is going to be, and then that begins our two week sprint. So, we have three, we have effectively three environments that are relevant here. Aside from, of course, like the, the developer's local machine. So, when the developer has finished developing the fix or the feature improvement or what have you, the first step is that they publish that using Visual Studio to our development server, at which point another member of the team is responsible for verifying the work and checking the code and providing feedback, and at which point you know the developer will either go on to make the corrections or to move it forward. Um... If we move it forward, we then utilized, we then merge our changes into what's called the trunk of our subversion source control solution. They currently have a Jenkins system setup that automatically builds anything that's checked into trunk to the test environment, at which point the principal users are invited to test and either accept or reject the change, and assuming it's allowed to move forward, we then utilize, uh, the application interface for Jenkins to manually build the... Sorry, not manually, but rather to manually execute a build to the production database... I'm sorry to the production application environment.

Mickey Rahman: Do you...? So, given that only some of these applications will get rebuilt? If, uh, if we were to suggest a, a different stack for the DevOps, would, would, would that be OK? Or, would you want us to stay within this, this stack for DevOps? Jenkins? And... Yeah?

Nora Moriarty: I'll need, I'll need to, uh, as far as build tools and whatnot, I'll have to defer that, uh, at that point.

Mickey Rahman: OK. In terms of... How many environments do you have currently? Just dev?

Nora Moriarty: OK. So, we have a, we have, we have like three domains so to speak. We have dev, test, and production, but each of those are divided into two servers each. One corresponding to a public-facing systems and the other corresponding to internal-facing systems.

Mickey Rahman: How many?

Nora Moriarty: Six in total.

Mickey Rahman: Six in total. How many servers do you have for their production sites?

Nora Moriarty: We have two production application servers and the SQL Server.

Mickey Rahman: One's a SQL Server. OK. Do you have any, uh, like a disaster recovery or failover sites?

Nora Moriarty: I don't know. I'll have to defer that one.

Mickey Rahman: In, umm... If, if, if ultimately the new applications going to Azure would, uh, would the SPAR IT team be responsible for uptime administration management or would you expect the vendor to be responsible for that?

Nora Moriarty: There's nuances there. I don't think I'm capable of properly addressing here. So, with apologies, I will have to defer that one as well.

Mickey Rahman: OK, no problem. In terms of the data, in the RFP, there was, uh, a federal information processing standards requirements. So, do you currently have sensitive or PII data that is encrypted and will need to encrypt it in the new apps?

Nora Moriarty: No.

Mickey Rahman: Nothing, OK.

Nora Moriarty: Oh, I do want to point out though, in terms of this, that's for existing systems in terms of contaminated sites and... Uh, spills, I given what maybe come to pass in terms of development for cost recovery, which we don't again have anything aside from what they're using in CRITTS. I, I can't speak definitively to that yet.

Ying Lu: Question to round back to data integrity, is there a desire to fill in... Information where it is lacking today? So, for example, if there was an entry that was lacking a certain data points, is there a requirement that those data points be either filled in with a placeholder, or do we need to properly cure the... Data line?

Nora Moriarty: That's a very, very good question. I think we will need to, we will need to work with the users to fill in gaps that are absolutely required, but I don't know if the percentage of what that will be and I wouldn't expect that it's necessary for the vendor to be responsible for acquiring that data, but it would be part of the vendor's responsibility to assist with the migrant, migrating that data.

Ying Lu: Thank you.

Ian Wong: On that note, have you thought about how you would like to roll out the new system? I don't know if this has been covered already, I apologize, joined a few minutes late. Would you do some kind of migration and then cut over or just go live with the new system and then kind of backfill in parallel?

Nora Moriarty: I expect it's going to be something of a hybrid. I would... Uh, the, the majority should be done before it cutover. But, there I don't want to close the door to the possibility that there may be components that would, for example, in terms of accommodating the new requirements for reducing redundancy... I wouldn't want to necessarily make addressing those preclude a cutover for other things that we can do cleanly.

Ian Wong: Got it. OK. Makes sense. Thank you. And, then I know we talked about a number of users earlier. Can you give a sense for the amount of data?

Nora Moriarty: Yeah. So this question was asked earlier, but that my, unfortunately I, I can't provide a row count now, but I will provide one upon amendment.

Ian Wong: Sure. And, it's like the any, any description about like the databases that we're dealing with that you can share? Like number of, rough number of tables, or...

Nora Moriarty: Oh, sure.

Ian Wong: Things like that...

Nora Moriarty: If you, if you can accept you know estimates because I didn't think to come equipped with a specific table count to this meeting, and I, I don't want to delay too much. But, as an estimate, CSP has about 15 tables. I say spills has about the same and then, unfortunately, cost recovery being the, the the, new arrival to this to SPAR, uh, to SPAR overseeing application systems. I don't know, for example, what percentage of the data, data in the CRITTS database corresponds to cost recovery concerns.

Ian Wong: OK, that's helpful. Thank you.

Nora Moriarty: Thank you.

Ying Lu: Can you provide up? Sorry, this is Ying from Slalom. Can you provide a little bit of clarity around the two 2-1/2 years and then the five-year maintenance cycle? What is expected, in particularly, towards that back end?

Nora Moriarty: Uh, yeah. So, um, so the, the first part... The first part corresponds to the development and cutover to the new systems. The latter, longer part corresponds to resolving, resolving bug fixes, and responding to feature improvements.

Ying Lu: Is that feature improvement based on feedback from the user or as business goes forward we see that hey, we have a 2-1/2 year cycle left and there are these improvements that we need to do, and we'll work together to prioritize them? Is that how you would envision that to look?

Nora Moriarty: I'd expect both. Yeah.

Ying Lu: OK. Thank you.

Josh Kewley: And, you expect the vendor to be part of a dev team within Alaska, State of Alaska? It's kind of staff aug[ment] or a side-by-side during those five years, or something would be completely vendor managed?

Nora Moriarty: Unless Teresa has a note on that, I will need to defer that question.

Teresa Melville: I do not. But, I would think it would be a side-by-side would kind of be my, my thought process with that because ultimately, you know, at some point we would like for our programming team to be

able to... Um, know the system well enough that if something were to happen, they can, they can fix or do whatever they need to do within the system.

Josh Kewley: And, do you see that the, the vendor rolls being full time during that time period?

Teresa Melville: No. Just as needed.

Sander Schijvens: Uh, this is Sander at Wostmann. Just a follow-up on that question, uh, is essentially first-line support for application maintenance... Post-go-live, is it gonna be DEC, or do you want the vendor to be involved?

Teresa Melville: It would be both.

Sander Schijvens: And, a couple of other questions, since I got the floor, you talked about interfaces earlier, reporting interfaces... What about something like ArcGIS, is it going to be involved?

Nora Moriarty: I'm sorry, can you repeat that?

Sander Schijvens: Is ArcGIS going to be involved in one of the interfaces that you need on the...

Nora Moriarty: I'm so sorry... That's... I presume you're saying an acronym. Can you repeat the acronym, please?

Kaitee Perisich: ArcGIS.

Nora Moriarty: Oh! Oh, ArcGIS. I'm so sorry... Thank you, Kaitee. Uh, let's see here. Yes, there is interfacing with ArcGIS. In both systems, both, both spills and CSP. But, that, that, that interfacing will need to continue in the new system.

Sander Schijvens: What about any other systems...? Like facility management system or contact management database?

Nora Moriarty: So, um, contact management database. There's a potential there. I... I'll, I'll give you a little bit of background. We currently have a partially centralized contact management database that some of our newer systems in our roster utilize. Um, the idea being to ultimately reduce redundancies, we know that we'll need a shared contact database or the new systems that are being developed, but I presently can't speak to whether or not that will involve reuse of the one that we presently have or will if the if will need to develop a new one to support it.

Sander Schijvens: You spoke about redundancy earlier. Are you talking about redundancy within a system like spills or redundancy between systems like spills and, uh, the...?

Nora Moriarty: Yeah, the latter.

Sander Schijvens: On the course recovery side, since you don't have a system in place today, are you using some other process like spreadsheets or something else that you currently use or what, what is the new system going to do that you currently don't have? Can you give a little bit more...? Uh, description?

Nora Moriarty: Can I trouble you to field that one, Teresa?

Teresa Melville: Um, so it's not that we don't have a system that we're using, we just have a system that we're using that we don't manage. Um, and we need to make sure that these systems, this system has the ability to interact and with that system, so we want this database to be able to interact with CRITTS. Because we, at present, use CRITTS for our billing, we use it for our, our timekeeping, we use it for, you know all of those features that we bill for.

Sander Schijvens: OK. Thank you.

Mickey Rahman: Question regarding... Sorry, go ahead.

Ying Lu: Thank you. Uh, Teresa, this is Ying from Slalom. Just a quick question on the, the interaction between these systems with CRITTS. So, what for one example, be that somehow the system would know how long... Someone has spent on a spill, and that is how you would want that data to flow over so you can invoice correctly.

Teresa Melville: Yes.

Ying Lu: Thank you.

Mickey Rahman: Some questions on the authentication, so mentioned currently. Do you? Do you have a hierarchy of permissions or is there just one role for all your internal systems?

Nora Moriarty: And, that we may, we may have to defer that one since then, since again, that's currently being managed outside of the Division. I don't think there's anyone on the team present that knows the specifics of that.

Mickey Rahman: And, you mentioned that they are logging in, they're authenticating based on their DEC user Active Directory?

Nora Moriarty: Yes, for the, for the, for the SPAR managed systems. I'm not familiar with authentication in CRITTS.

Mickey Rahman: And, it will continue to be the same, right? Uh, in the new system?

Nora Moriarty: Uh, we are open to it being different.

Mickey Rahman: OK. Do you currently have a, uh, an Active Directory managed in-house or Office 365?

Nora Moriarty: Uh, the Department has an in-house... Oh, I apologize. The Department does have Active Directory, but I don't know if that's presently hosted on 365 or on Prem, so I will have to get back to you on that one.

Hazel Lorrin: This is Hazel Lorrin with Slalom. A question, logistical question: when are you hoping to post the amendment with the Q&A?

Bryant Trujillo: We should be able to have this posted next week. This is pending, um, a separate Department reviewing some of these questions, but we hope to have it posted before Thanksgiving of next week.

Hazel Lorrin: A follow-up question that given how close the, that published date would be to the due date, would you consider an extension? For that...

Bryant Trujillo: That is part of the conversation currently, yes.

Hazel Lorrin: Excellent. Thank you.

Ying Lu: I'm just a follow-up question on procedure between working with the two teams. Sorry, this is Ying from Slalom. Before, there was a comment that I wanted to get some clarity on this around the teams working together, right. The vendor team and also the Alaska development team, and there was a statement around I will find bugs, and we'll prioritize them. Is that around existing systems or is that around just a new body of work? Just trying to figure out the scope there.

Nora Moriarty: All right, so it is a, it is around existing systems. But, while it would be most helpful if the teams could participate in that process with us for the sake of cohesion, it's not like we're expecting that issues not related to the new systems would go to the vendors.

Ying Lu: Uh, so if the team was made up of half and half of the vendor and also the Alaska team say a bug comes through, through this prioritization process, one would in theory expect that the half containing the Alaska team... Um... Would address the bug?

Nora Moriarty: If it's a bug with the new system, the half containing the vendor team would address the bug.

Ying Lu: OK, but with the existing system, the...

Nora Moriarty: Oh, with the existing system. Yeah, yes, that would be the Alaska team. Sorry. Yeah, I understand now. Yes, you're correct.

Ying Lu: Thank you for the clarification.

Nora Moriarty: Thank you.

Morris Liao: This is Morris with, uh, Slalom. Just the question on the scope of work from the RFP. And, a line called out the contractor will provide continual maintenance and refinement for the next five years. So, is this assumption there that the...? The maintenance aspect of it that's included in the proposal as well? There's overall cost and for the next five years is that assuming from when the applications are delivered or is that from including delivery time? So, the two pieces of delivery plus another three years after.

Nora Moriarty: I'm afraid the, the logistics of the, the timing is a little beyond me. Is that something you can speak to, Teresa?

Teresa Melville: We would want to clarify that and then get back with, with them.

Nora Moriarty: OK, so we'll have to defer that one. Thank you.

Morris Liao: OK.

Bryant Trujillo: Are there any additional questions you looked to have clarified? Well, if we have no additional questions, I would like to thank everyone for attending today. I will be providing a transcript of the meeting within the next, hopefully, three days. Um, looks like we might have a question here...

Guillermo Castillo: Hi, can everyone hear me OK?

Nora Moriarty: Yeah.

Guillermo Castillo: Hey, this is Memo. I apologize that I wasn't able to make it for the entire meeting. I'm having connectivity issues but I, I do wanna say that I appreciate Bryant taking on this, this challenge to host this meeting and that Nora has done awesome and I would like to thank, thank each and every one of your vendors for coming in and providing question for us. And, we are looking forward to having one of you win this award and creating an awesome product for the State. And, again, thank you. If you have any follow-up questions, just shoot them over to Bryant and he will provide an answer whenever he can. Thank you.

Bryant Trujillo: Yes, thank you. If there are any questions that pop up within the next few days, feel free to send us an e-mail, respond to the e-mail that I sent out a couple of days ago. Otherwise, I will, um, have a transcript within the next few days as well as a response to existing questions, and hopefully, we will have an addendum posted here shortly as well as a potentially a new timeline. I'd like to thank you for your time again, and I hope you all have a great day.

The proposal documents require acknowledgment individually of all addenda to the drawings and/or specifications. This is a **mandatory requirement**, and any proposal received without acknowledgment of receipt of addenda may be classified as being a non-responsive proposal.

End of Addendum