

**(07/22/24) 2233106 - Repair Seals and Sea Lion Chiller - Pre Bid RFI Tracker**

RFI #	RFI Question	RFI Answer
1	Confirm if XRAY and GPR will both be required before core drill, or if GPR only is acceptable.	Yes, if all rebar and conduits can not be located using GPR.
2	Can the Site Superintendent be the QC and Safety officer?	Yes, provided they meet qualifications indicated in in 010000.
3	Please confirm who is the controls Vendor?	Siemens.
4	Please confirm what landscaping is required?	Restoration of site is required.
5	Please confirm SI's preferred certified arborists.	Whole Trees, Rupert and Davies all have completed successful projects at NZP.
6	Please confirm the location of the staging area.	Refer to sheet G003SP.
7	Please confirm if the on-site Superintendent can perform the duties of QC & SSHO.	See above answer to #2.
8	Please confirm if permitting is required?	No DOEE permit is required for this project.
9	Please confirm if GC is required to provide its own commissioning agent.	SI will provide a Cx agent for verification of contract requirements.
10	If GC is required to hire commissioning agent, please confirm if commissioning first tier. Can commissioning be mechanical or electrical?	See above answer to #9.
11	Please confirm if any permits are required.	See above answer to #8.
12	Please confirm Fire Alarm Vendor.	Honeywell Fire-Lite Equipment.

13	<p>Reference: Section 01 91 13 – Commissioning General “The Smithsonian will procure the services of independent Commissioning Consultant; other terms are Commissioning Provider, Commissioning Agent, and Commissioning Authority.”</p> <p>Question: Please confirm that the third-party commissioning agent will be hired by Smithsonian and not the responsibility of the contractor.</p>	See above answer to #9.
14	<p>Reference: Testing and Inspection</p> <p>Question: Does the government require a third-party testing and inspection agency?</p>	Yes.
15	<p>Reference: Testing and Balancing</p> <p>Question: Does the government require the contractor to directly hire a TAB subcontractor? Prime TAB?</p>	Yes - Testing firms must be independent from the contractors performing the actual work.
16	<p>Reference: Specs p35 Sanitary/Toilet Facilities “Contractors' personnel will be permitted to use designated the public restrooms located on the premises, subject to the regulations and control of the COTR.”</p> <p>Question: Please confirm that the contractors’ personnel are allowed to use the public restroom.</p>	Yes, public restrooms can be used. Bathroom designated for SI staff only cannot be used.
17	<p>Reference: Specs p35 Temporary Utility Services and Extensions “Existing electrical, and water utilities are available for the Contractor’s use as designated by the COTR. Water and electricity are available on the premises. Use must be coordinated with the COTR.”</p> <p>Question: Please confirm that the contractor is allowed to use the existing utilities free of charge.</p>	Confirmed.

18	<p>Reference: Specs p18 Contractor Parking "SI will provide one (1) hang tag permit for one (1) parking space for one (1) registered company vehicle to be parked in Lot C at no cost to the contractor."</p> <p>Question: Please confirm that SI will provide 1 parking slot free of charge for the contractor.</p>	Confirmed one free parking space will be provided.
19	<p>Reference: Specs p33 Contractor Field Offices, Trailers, and Sheds. "The Contractor may establish a temporary office at the project site."</p> <p>Question: Please confirm that the contractor is not required to provide a temporary office trailer at the project site.</p>	Temporary field office is not required
20	<p>Reference: Dumpster</p> <p>Question: Will the government provide dumpsters?</p>	No.
21	<p>Reference: Drawing sheet G-003-SP Keynote 2.07 "EXISTING BENCH REST AREA. MOVE AND RE-SECURE ANY BENCHES OR OTHER SITE ITEMS AS NEEDED FOR CRANE STAGING"</p> <p>Question:</p> <ol style="list-style-type: none"> <li>1. For bidding purposes and to level the competition, please provide a quantity of the benches that need to be removed and to be reinstalled.</li> <li>2. Are the benches bolted/attached to the pavers?</li> <li>3. Will the government provide storage for the benches?</li> </ol>	<ol style="list-style-type: none"> <li>1. Eight Benches</li> <li>2. No</li> <li>3. Benches only need to be moved to facilitate the work and can be stored within the work area.</li> </ol>
22	<p>Reference: Special Permits</p> <p>Question:</p> <ol style="list-style-type: none"> <li>1. Will the government be in charge of all the permits that are required for the construction?</li> <li>2. Please identify all permits and inspections required in this project.</li> </ol>	<p>See above answer to #8.</p> <p>Independent testing and inspection is required per the specs.</p>

23	<p>Reference: Drawing sheet G-003-SP Keynote 2.04 "TRIM TREES USING CERTIFIED ARBORIST WITH APPROVAL OF NZCBI HORTICULTURE, THROUGH COTR."</p> <p>Question: For bidding purposes and to level the competition, please provide how much (areas/number) trees needs to trim.</p>	<p>Contractor to determine the requirements with the Rigging Subcontractor. Removal of one large tree has also been indicated per G-003SP, keynote 02.03.</p> <p>See above answer to #4 as well.</p>
24	<p>Reference: Drawing sheet G-003-SP Keynote 2.13 "REPLACE ANY DISTURBED PLANTINGS AND MULCH WITHIN PLANTING AREA"</p> <p>Question:</p> <ol style="list-style-type: none"> <li>1.For bidding purposes and to level the competition, please provide how much planting and mulch needs to replace.</li> <li>2.What are the types of plants does the contractor need to price for replacement?</li> </ol>	<p>Contractor to determine the requirements with the Rigging Subcontractor.</p>
25	<p>Reference: Drawing 3 &amp; 4 sheet S-701-CS "Double-Throw Safety Switch Support Framing"</p> <p>Question: Does the government require an AISC certified installer and fabricator for the framing support?</p>	<p>No.</p>
26	<p>Reference: Hazmat Testing &amp; Abatement</p> <p>Question: Please confirm hazmat testing and abatement are not responsibility of the contractor.</p>	<p>Confirmed but contractor should have trained personal on site to identify suspect materials.</p>
27	<p>Reference: Drawing 1 sheet MD-102-FP keynote 1 "REMOVE EXISTING AIR-COOLED CHILLER LEAVING EXISTING DUNNAGE IN PLACE. THE EXISTING CHILLERS ARE APPROXIMATELY 15'-9" L x 7'-9" W X 8'-0" H AND WEIGH 12,500 LBS (WET)."</p> <p>Question: Is it remove and dispose or remove and salvage?</p>	<p>Remove and dispose. Refer to "Project Definitions", sheet G002CS.</p>

28	<p>Reference: Drawing 1 sheet MD-101-FP keynote 3 "ID OPTION 2: HEAT EXCHANGER REPLACEMENT DEMOLISH HEAT EXCAHNGER."</p> <p>Question: Is it remove and dispose or remove and salvage?</p>	Remove and salvage.
29	<p>Reference: Drawing A5 sheet G-003-SP keynote 2.10 "MARK AND PROVIDE PATH PROTECTION AT SUBSURFACE UTILITY LOCATIONS ALONG VEHICLE ROUTE (~2000LF) AND AT STAGING AREAS. SEE SA-06 &amp; SA-07"</p> <p>Question: As of now, we haven't identified the utilities under Olmstead Walk for protection. For bidding purpose and to level the competition, please provide the following:</p> <ol style="list-style-type: none"> <li>1.Specs of the steel plate</li> <li>2.Square footage of the steel plate</li> </ol>	<p>V-001SV indicates utilities located within the crane staging area. A5/G003SP indicates known utilities according to record. Means and Methods of path protection along vehicle route is to be evaluated &amp; proposed by contractor. Contractor is responsible for repair of walk where damaged by activities. For protection within crane staging area assume steel plate for vehicle traffic, thickness and quantity to be determined by contractor with rigging subcontractor as part of proposed means and methods. Protection for areas at outrigger support must be capable of meeting design and loading criteria indicated on S701CS.</p>
30	<p>Reference: Working Hours</p> <p>Question:</p> <ol style="list-style-type: none"> <li>1.What are the working hours inside the LSS building?</li> <li>2.Is the building operational?</li> <li>3.Is it possible to leave the crane at Olmstead Walk while the zoo is open to the public?</li> </ol>	<ol style="list-style-type: none"> <li>1. Work hours 7:00 AM - 3:30 PM and subject to modifications - exact work hours to be confirmed at Pre Constrction Meetings.</li> <li>2. Yes the building will remain fully operational, excluding the chilled water system.</li> <li>3. Yes during equipment removal and installation period.</li> </ol>
31	<p>Reference: Period of performance</p> <p>Question: What is the period of performance for Option 1 &amp; 2?</p>	<p>Options will be completed concurrent to the base contract period. Contractor will be notified of option selection at time of Contract Award.</p>

32	<p>Reference: Drawing E1 sheet G-004-KP keynote 2.15  "EXISTING ROOF IS CONC. SLAB W/ HOT RUBBERIZED ASPHALT MEMBRANE WATERPROOFING (AMERICAN HYDROTECH 6125) + 3" RIGID INSULATION, FILTER FABRIC, TOPPED WITH STONE BALLAST, AND PAVERS. WHERE COMPLETING THE WORK NECESSITATES MEMBRANE MODIFICATIONS, PATCH WITH COMPATIBLE MATERIALS, ACCORDING TO MANUFACTURER DETAILING &amp; INSTRUCTION."  Question:  1.Is this for reference only?  2.Please confirm that there's no roofing work included in the contract.</p>	<p>1. Roof assembly indicated for reference. Points of connection shown in Contract Documents are located above roof level and electrical conduits shown to be re-used. Contractor is required to install chiller according to equipment manufacturer requirements.  2. See above answer 1. No roof work anticipated for chiller installation. Waterproofing work for Option 1 is required per keynote 26.03 where conduits enter the building below grade.</p>
33	<p>Reference: Drawing D6 sheet G-004-KP keynote 26.04 "BID OPTION 1 - TRENCH &amp; RESTORE GRADE AS REQ'D TO ROUTE CONDUIT PER ELECTRICAL DRAWINGS. STABILIZE AND RE-SEED UNTIL VEGETATION IS RE-ESTABLISHED."  Question:  1.Is digging permit required?  2.Will it be shouldered by the government?</p>	<p>A dig permit is not required.  Test pitting should be done by the GC to assure that there are no conflicts with the new conduit install.  Contractor to provide all excavation work and site restoration to complete contracted work.</p>
34	<p>Reference: Sign-in sheet  Question: Please provide a copy of the sign-in sheet</p>	<p>Refer to attached for sign in sheet</p>
35	<p>Reference: Drawing A5 sheet G-003-SP keynote 2.05  "REMOVE, REINSTALL, AND RE-PAINT +/-30" HIGH 1 1/2" OD STEEL PIPE GUARDRAIL WHERE NEEDED FOR VEHICLE TURN RADIUS AND CRANE STAGING."  Question: Please provide photos of the steel pipe guardrail.</p>	<p>Contractor to field verify site conditions and requirements.</p>

36	<p>Reference: Drawing E1 sheet G-004-KP keynote 2.14  "DEMO EX DEAD TREE (6" DBH) &amp; ROOTS FOR NEW PAD."  Question: Is the removal of dead tree part of option 1?</p>	<p>Yes, tree removal is part of option 1.</p>
37	<p>Reference: Drawing sheet G-003-SP keynote 2.01 "Replace all damaged pavers in vehicle access route and staging areas. Provide 250SF of paver replacement. See structural drawing for typical paving assembly."  As per specification p284 "Asphalt-Block Pavers Basis of Design: Hanover Pavers; hex 8 paver; A80026."  Question:  1.The typical paving assembly is not included in the structural drawing. Please provide.  2.The Hanover pavers species selected are not color matching the existing pavers at Zoo. The catalog is attached (see RFI attachment 1 &amp; 2) for your review/revision and selection for replacement.  3.Will the Smithsonian consider removal of pavers in the staging area to avoid damage and install it back once the rigging is done?</p>	<p>1. Typical paver assembly is shown on detail 1/S701 and it's composed of 3" thick pavers on 3/4" bituminous setting bed and 5" thick normal weight concrete reinforced with welded wire fabric.  2. SI will select from standard colors.  3. Contractor to provide 250 SF of new pavers.</p>
38	<p>Reference: Specification p81 Part 1.1.A.3. under Section 024119 – Selective Demolition "Removal and reinstallation of existing roof and wall-mounted equipment."  Question:  1.Please provide more information about removal and reinstallation of the existing roof.  2.Please identify the roof that the contractor needs to remove and reinstall.</p>	<p>1. Noted roof mounted equipment is the two wood crossover stairs. Refer to 024119.3.9.2. These stairs are not fastened to roof but bear on existing concrete roof pavers.  2. No roof removal is anticipated.</p>

39	Reference: CAD as built drawings Question: Please confirm that CADD Redline As-Built drawings are not required on this project. If required, please provide existing/as-built drawings in CADD/PDF file.	Refer to 010000.63.5.2.5.
40	Reference: Onsite Supervision Question: Please confirm if the Superintendent can also perform as safety officer and quality control manager (triple hat)?	See above answer to #2.
41	Reference: Citizenship Question: Will a non-US citizen/green card holder/legal alien be allowed to work for sub trade workers?	Federal Regulations shall be adhered to in regards to the employee's work status for working on the project.
42	Reference: Liquidated damages Question: Does this project have any liquidated damages? If yes, how much?	None.
43	Reference: Utilities (Electric and water) Question: Please confirm that the contractor can connect and use the existing utilities free of charge if needed.	Confirmed no additional charge.
44	Reference: Sign-in Sheet Question: Please provide a copy of the sign-in sheet.	See above answer to #34.
45	Reference: Parking Question: Will parking be available for work trucks and workers, etc., toolboxes and materials? Please advise.	One as stated in contract. No personal vehicles will be permitted with work sites.
46	Reference: Storage Question: Will the government provide material storage?	No.
47	Please confirm the make and model of the (2) MCCs that we are replacing the 500-amp breaker.	The MCCs are manufactured by Square D.



48	Please confirm if any electrical inspections are required.	Inspections are required per project Contract Documents but are not limited to Part 3 of Specification Sections 260519, 260526 and 262416. See above answer to #22 as well .
49	<p>Reference: Drawing sheet G-003-SP keynote 2.01 "Replace all damaged pavers in vehicle access route and staging areas. Provide 250SF of paver replacement. See structural drawing for typical paving assembly."</p> <p>Question:</p> <ol style="list-style-type: none"> <li>1.Does the government have attic stock of the hexagonal and rectangular existing pavers?</li> <li>2.As per the site condition, there are 2 types of existing pavers. Aside from the hexagonal shape paver, there is also a rectangular shape paver (gray color, border). Please provide specifications of the gray paver.</li> <li>3.Please provide a floor pattern layout. Layout that shows the location of the hexagonal and rectangular pavers.</li> </ol>	<ol style="list-style-type: none"> <li>1. No. Contractor required to supply new pavers per keynote 2.01.</li> <li>2. Gray, border Hanover square pavers are at edge of walk. Edge pavers are not specified for replacement and will only need to be replaced if removed or damaged by work activities.</li> <li>3. Single row of square pavers line the edge of Olmsted Walk. Hexagonal pavers make up the remainder of the walk width.</li> </ol>
50	<p>Reference: Specs page 8 under Contract time completion "Total contract time of 270 calendar days."</p> <p>Question: Does the contract time completion include the base bid, option 1, and option 2? If not, please provide contract time for option 1 and 2</p>	Options 1 & 2 to be performed concurrent to Contract period. Contractor will be notified of option selection at time of Contract Award.

51	<p>Section IV, note A on S-701-CS states that the Design and Procedure of outrigger support are the sole responsibility of the contractor. Note D provides (4) options for the crane outrigger supports, which vary significantly in cost. At the bidding phase of the project, the contractor is unable to obtain the information necessary to determine which of the (4) options would be required to support the crane outriggers, and is also unable pay a geotechnical and structural engineer to develop a full design for the support of the outriggers. Please advise if an alternate method for handling the crane outrigger support pricing can be provided.</p>	<p>For bidding purposes and to level the competition all bidders should assume the use of surface cribbing. Following the award of the project if a more involved structural system is needed, it will become a change order.</p>
52	<p>Reference: Per Note G on E-110 FP, we are to coordinate with COTR to refeed all existing BAS Automation Controls not currently on EM Generator and feed them from existing panel "E1R1". Question: Please provide quantity and location of these controls if required, as none are shown.</p>	<p>Primary components of the BAS system are fed from emergency electrical distribution panels. During construction, contractor shall remove normal power from the building to determine which ancillary controls (valves, dampers, etc.) are fed from normal distribution panels. Ultimately, the successful bidder will refeed these ancillary controls will from emergency electrical distribution panels. Because this effort cannot be completed at this time, contractor shall indicate an allowance of \$25,000 for relocation of ancillary BAS controls to emergency power.</p>