

RFI Clarification Responses NTX PROJ 549-11-200
QUESTIONS(left side) RESPONSES(right side)

1	Will you be posting the sign-in sheet from the meeting?	Site visit sign-in sheets are available upon request.
2	Will access to the roof for workers be from the exterior only.	Yes
3	Will the service court area on the east side of the building addition be accessible for crane use, trash containers, deliveries etc?	As stated at the pre-bid walk through, the contractor area is in the parking lot on the south west corner of job site. The east side of building is an active loading dock and is generally unsuitable for contractor storage but could be used for stairway access to roof.
4	Section 72200-6 3.3 B 1 Roof Insulation - Is the intent of the Insulation thickness/R-Value : 1) to provide an average R- 30 throughout the roof assembly, with a minimum thickness of 1 1/2" at the roof drains ? or 2) Minimum R - 30 , period? The 1/4" tapered roof insulation assembly for this project will have a min. 1/2" / max. thickness of 10" prior to any base layer of insulation being installed.	Existing Ballasted EPDM - EPS Insulation tapered (4 - 11 inches from roof drain to high point) on Concrete Substrate. The new system shall slope a minimum of 1/4" per foot with a full tapered polyiso insulation with a 1-1/2" start to 11". The total average R value for the insulation system shall be R-30.
5	Please, clarify that the insulation and cover board are only to be installed in manufacturer approved 2 part urethane adhesive?	The insulation and cover board shall be installed in manufacturer approved 2-part urethane adhesive.
6	Does the VA want the Johns Manville spec 2FID-HW, which is listed and is a torch specification or can the modified system be applied with hot as well?	The design is based on the JM 2FID-HW system. Color of finish material shall match the adjacent roof that was refinished several years ago. Write.
7	Does VA want ballast on new roof or match previously roofed areas	No ballast on this project.
8	Please, clarify the current specification has the word "torch" for a torch applied modified bituminous membrane, but the specification is written and is a hot asphalt mop down system, not a torch down system. The Johns Manville based specification as written is for the insulation, cover board and a base sheet with a modified cap sheet, with the base and cap sheet installed using hot asphalt, so is that how they want the project bid?	The torch system is preferred. Just below this roof are two large round air intakes which serves critical patient areas. and will lead to discomfort for the occupants below if a hot kettle is used. Contractor will assume responsibility for work stoppage caused by noxious fumes entering these areas due to choice of kettle
9	Please, clarify that the insulation and cover board are only to be installed in manufacturer approved 2 part urethane adhesive?	The 1/2" cover board to be supplied shall be approved to work with the roofing system accepted.
10	Does job require fencing around entire building	No. area to be fenced is areas turned over to contractor for material storage and ground equipment and roof access points

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11	Security requirements- GC provides after hours security guard- is this a mandatory requirement?	Guards are not a mandatory requirement. However, contractor is solely responsible for securing their construction areas.
12	General requirements 1.2 C Alternate #2 What is this for?	Entire project is base bid with no alternates.
13	1.5 Fire Safety -- J - Hot work permits for usage of torches on the roof- are these required daily or will they be made available for a duration of time?	Hot work permits are required daily whenever creating sparks, striking arcs or open flames are created. Contractor shall request permits from the VA Safety Section prior to beginning Hot Work Activities.
14	Operations storage Area- Can the area for access be defined in writing as to where stair tower is allowed to be constructed?	Long term storage is on the southeastern property of VA Campus. Operational storage for equipment and dumpster is on the south west corner of building.
15	Gravel removal- can we use vacuum trucks? .	vacuum trucks are acceptable.
16	Does the VA want the existing roof gravel ballast or is it to be removed from site?	all construction debris is contractors responsibility for disposal
17	Can the solar panels and supports be temporarily set on the existing Adjacent Modified Bitumen Roof with appropriate protection of the existing system? If so, what would the VA considered adequate protection for the roofing?	storage of PV system on roof will be considered if adequate protection and repairs are made to restore to as found condition.
18	What is procedure for shutdowns of operations due to noise	Only CO has authority to stop work. Modifications of means and methods may be required during construction if patients are affected
19	If roof has been removed what temporary measures will be allowed to seal bldg. ?	Assurances that building remains dry, any means or methods, including phased work within project duration period, will be contractors decision
20	Section 75216 Concrete Pavers, indicates to match the existing concrete paver type. Is the intent to re-use the existing concrete pavers that are not broken or cracked?	Yes, reuse of existing concrete pavers are acceptable as long they meet all industry standards and are inspected approved by the VA.
21	Is the VA willing to look at alternative mounting structures for the pv array if it achieves the same goals specified in the RFP?	No. VA cost reductions is discouraged pre-award. The plans and specs are to be followed and bid accordingly except as clarified by RFIs to our IFB Solicitation. Do not submit 'alternative' proposals/methods.
22	What if anything has changed in the field conditions since the date the drawings were created? Have those changes been disclosed in the bid documents?	No Changes

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23	Does the VA expect the use of XRAY technology to determine the rebar placement in the concrete slab at each of the anchor points?	Means and methods of accomplishing requirement is left up to contractor.
24	Is there actually an existing vapor barrier under the existing roof system?	No
25	Will the VA allow a crane to be parked adjacent to the building for the duration of the project?	Yes
26	Can the street adjacent to the building be blocked (fenced off) for the duration of the project?	No. Street closings will be coordinated and staffed as needed.
27	Request the duration for the project be revised to 270 calendar days.	Contract duration is as solicited
28	Please provide Point of Contact information for the roofing contractor who holds the warranty on the existing roof.	This shall be provided to the awardee, post award.
29	In regards to solar panels that are no longer made by SANYO would you please provide direction to contractor on what solar manufacture; panel style; model# should be used in the case of damage during removal and replacement as well as storage	Similar physical and performance will be expected to return system to "as found" condition
30	Is there a environmental report that is available showing ACM, lead? Is ACM present in any of the areas where the contractor will be expected to work as well as selective demolition and replacement?	No, there is no ACM Lead.
31	In some notes on the drawings, it states that the roof be tore down to the concrete substrate (metal substrate at stair penthouse). The drawings indicates the roof project boundaries, and it doesn't appear that any penthouse is included in the roof project. Can you please clarify this, because it mentions the stair penthouse pavers as well.	There are five stairwell penthouses located in this project. One is located in each of the four square step outs along the south end of the project and one is located in the square in the north-west corner of the project. VA has included attached drawing sheets A-101 & A-201 from the contract documents which highlights the five areas and clarifies the section cuts.
32	In specification and drawing conflict, which design is superior?	Contractors/Bidders should submit an RFI for clarification of assumed conflicting instructions.
33	Are there any work day restrictions and where are those restrictions posted in the bid documents?	Normal business hours are Monday-Friday 0800-0430, Closed during Government Holidays.
34	In regards to work stop notices-does the government intend to issue those to contractor in writing?	All contractual issues such work stoppage, time extensions, etc. shall be addressed as described in the contract.

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35	FM 60 and I 90 are both requested, please identify to contractor which design to bid and where that is listed in the specification.	Specifications section 07 22 00 / Paragraph 1.6 Applicable Publications / subparagraph D: Factory Mutual Global..... Wind Loads. Both NFPA and IBC require the use of ASCE 7 for the determination of wind loads on structures. FM 1-28 document should be used is when Factory Mutual or one of its member companies insures the structure. Use ASCE 7 and FM 1-28 procedures.
36	What is the specific roofing system warranty the government is asking for and where is that posted in the bid documents?	Specification section 07 52 16 / Paragraph 1.6 A: Roofing.....and subject to "Warrant of Construction", FAR Clause 52.246-21
37	Does the existing Sunlink racking system have to be reinstalled? Are there spare parts available from the initial install?	Yes. No spare parts are available
38	Is the racking system under warranty?	no
39	What is the allowable weight per square foot concentrated loads for roof?	We cannot answer that in the time frame allowed. That information is contained in VA documents and would have to be verified by a structural engineer.
40	Per sheets A-801 & A-802 Details F 3 - 6, which identifies the 22 ga metal studs and 3/4" CDX at the sloped surfaces on the top horizontal concrete beams. Is this a reference to the existing construction to be re-used once the EPDM is removed or is the existing framework, plywood, etc. to be replaced?	Replace exiting framework, plywood, etc.
41	Can you please further define the New Grille System	"Grille" refers to the steel structural support for the PV system
42	Bid Form, page 5 of 45, Base Bid Item #0001, C. notes selective demolition of utilities and concrete steam pit for new tank site prep.	Please disregard.
43	On the site visit it was noted that the existing weather station located on the roof is broken?	Awardee/Contractor will need make an 'as found survey' of the jobsite.
44	It would be helpful if the information collected over the last 120 days from the existing solar metering package could be provided for verification of the current solar systems condition and output.	The Government has chosen to provide this information to the awardee upon award.

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<p>45</p> <p>Mounting detail for mounting existing ballasted support system on the new structural support will work properly. Is it acceptable for the contractor to propose a solution during the submittal process?</p>	<p>This is an IFB Solicitation contractors are to submit bids/offers from the projects supplied drawings and specifications</p>
<p>46</p> <p>It would be helpful if we could get copies of the existing lighting and power as-builts/record drawings for the floor below the roof to verify if any conduits are installed in the existing roof slab. Our concern is related to the amount of fasteners installed in the existing roof deck and if during construction of the existing clinic allowed conduits to be embedded in the slabs.</p>	<p>As BUILTS show no conduits in poured concrete.</p>
<p>47</p> <p>General Requirements Section 01 00 00, paragraph 1.19. E. outlines a requirement for a representative of the manufacturer supervise the installation of the equipment, it is our understanding that the current solar panel manufacture is no longer in business, is it acceptable to use a properly trained solar system installer to supervise the installation, please clarify.</p>	<p>Yes, it is acceptable to use a properly trained solar system installer to supervise the installation.</p>
<p>48</p> <p>Specification section 26 41 00, Lightning Protection System notes the requirements to obtain a Master Labeled Lightning Protection System for the VA Clinic Addition. The new UL/FM requirements for a master label covers the entire site, i.e., all buildings, and must be re-inspected and re-issued every 5 years. In order to meet this requirement, can we obtain a copy of the last UL inspection and the letter which re-issued the Master label. If this cannot be provided, we would recommend that the project specification be clarified as follows: Upon completion of the lightning protection system, the contractor shall have the lightning protection system on the VA Clinic Addition inspected by a UL representative or authorized UL inspection company, to verify the installation complies with the latest addition of NFPA 780 and UL 96 & 96A and is approved by UL without variation.</p>	<p>The intent is to have the existing lightning protection system inspected when the roof replacement is completed and it shall meet NFPA 780/UL 96 & 96A standards.</p>