

# RHODE ISLAND CONVENTIONS CENTER AUTHORITY

## Solicitation Information

March 15, 2018

<b>ADDENDUM #4</b>
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**Title: Garrahy Courthouse Parking Garage #GCG2018**

**Attached includes:**

- As Noted in the "Notice to Bidder" dated March 8, 2018: The Bid Due Date originally scheduled for Wednesday, March 14, 2018 at 1:30pm is being extended to Tuesday, March 20, 2018 at 1:30 pm.
  
- Sealed Bids must be received at the office of:

The Rhode Island Conventions Center Authority  
Dunkin Donuts Center- Third Floor  
One LaSalle Square  
Providence, RI 02903  
Attention: James P. McCarvill, Executive Director

- Attached includes:
  - RFI Answer Matrix
  - Revised Bid Form with Unit Price No. 3 added.
  - Insurance Clarification
  - Specification sections to be used in lieu of sections issued in the original request for bids:
    - Section 012100 Schedule of Allowances
    - Section 012200 Schedule of Unit Prices
    - Section 026100 Removal and Disposal of Contaminated Soil
  - NOTE: A USB Flash Drive containing the completed bid form and your full proposal must be submitted with your bid.

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QUESTIONS		ANSWERS
1.	Please provide the architectural color renderings which were displayed in your presentation this morning at the Garrahy Courthouse Parking Garage Pre-Bid Conference.	See color renderings attached to Addendum # 2
2.	On Drawing S-100 along Column Line 1 and extending around the corner of the building at Column Lines A & D, there is a section mark 5/S-513. This detail calls for a grade beam but does not call out its size, nor on S-100 does it show the length/extent. Please supply this information.	The grade beam detailed in 5/S-513 spans from A/1 to D/1, from A/1 to the column between D/1.6 and D2, and from D/1 to D/1.6. The beam is discontinuous at column locations.
3.	Is there supposed to be a grade beam or spread footing along Column Lines A&D between Column Lines 7&8? Nothing is shown, however there is a small SF-2 in each area.	There does not need to be a grade beam or footing at those locations other than what is shown in the drawings. The SF-2 footings are to support the small precast walls at each entrance.
4.	On Drawing S-100, Foundation Note #9 states top of Grade Beam is the same as top of Slab. There are no top of slab elevations given on S-100. Please clarify.	That note refers to GB-1, GB-2, GB-3 and GB-4. The top of slab elevations are found on S-101
5.	Please provide more dimensional information on Drawings, S-511 thru S-514. There are no top of wall elevations provided and there are discrepancies in how wall thicknesses are shown between elevations and plans. For example, the wall on 1/S-511 is shown as 1'-0" thick, but in the plan view on S-420 the same wall is shown as 1'-4". All details on these sheets refer to the plans for top of wall/slab elevations but there are none provided with the exception of the shear walls along Column Lines B&C.	Top of wall elevations can be found on 2/S-420. The wall on 1/S-511 is labeled as 16" thick. As noted on 2/S-420, the top of CIP walls at Stair B are set to an elevation of 8'-6 1/2" UNO. For bidding purposes, the top of the cast in place wall along 8-line is set to 10'-0" though step down in elevation is expected to be included in an upcoming addendum.
6.	Please provide Top of Pier elevations for 1/S-410.	8'6"
7.	E-mail address noted in the specs for submitting RFI's is different than the e-mails given on the RI Division of Purchases website. Please advise.	Per Addendum # 1 issued February 21, 2018, all RFI's were to be sent to both: <a href="mailto:gglines@walkerconsultants.com">gglines@walkerconsultants.com</a> <a href="mailto:rhall@keoughconstruct.com">rhall@keoughconstruct.com</a> and per instructions to bidders, Summary of Significant Dates, were to be sent no later than February 28, 2018 at 4pm
8.	Detail 11 on drawing A-548 shows a 4" deep x 8" high ADAIR limestone veneer but the specifications on page 044300-5 item B shows a 11-5/8" high split face veneer. Please advise the correct height to use.	<b>Height is to be 11 5/8".</b>
9.	On drawing A-402 details 1 & 3 dimensions on drawing show 8" CMU but see note 2 states 12" CMU with insulation please advise on what size CMU and will they be ground face block.	CMU is to be 12" ground face with insulation inserts at these locations.
10.	do you know who is doing the Special Inspections?	No
11.	The parking structure is drawn at 338' long with no expansion joint. Since this project is in the Northeast with larger thermal movements than what is considered in the PCI requirements, please	An expansion joint through the center of the garage was considered but deemed not necessary.

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	advise how this parking structure should be bid. Should an expansion joint be added? This would be a large expense that is not shown on the drawings.	
12.	<p>Will the following light fixture manufacturers and model numbers be acceptable as substitutions?</p> <ul style="list-style-type: none"> <li>Type F1 Eclipse</li> <li>Type F2 Williams</li> <li>Type F3 Williams</li> <li>Type F4 Williams</li> <li>Type F5 Williams</li> <li>Type F6 Williams</li> <li>Type F7 Cree</li> <li>Type F7 Valmont</li> <li>Type F8 Cree</li> <li>Type F8 Valmont</li> <li>Type ES1 Evenlite</li> <li>Type ES2 Evenlite</li> <li>Type ES3 Evenlite</li> </ul>	Photometric calculations are required for substituted manufacturers as part of the shop drawings.
13.	Please provide a specification for hollow metal doors & frames.	<b>Spec. section will be issued in Addendum No. 3.</b>
14.	Elevator specification calls for two elevators while drawings show 3 elevators. Please confirm the number of elevators.	There will be a total of four (4) elevators as shown on the drawings. Two (2) in stair B, one (1) in stair A and one (1) in the Judges' lobby.
15.	<p>Drawing S-541 Details 2, 3, and 4 show steel embed angle bearing connections to support the precast slabs at beams, landings, and connections to other slabs. Per note 12 under section III.D on S-001, this steel embed angle must be fireproofed to achieve the two-hour rating as required.</p> <p>In lieu of these connection details and fireproofing, can a concrete corbel or continuous ledge be provided to support the precast slabs at these bearing points?</p>	Details 2, 3 and 4 on S-541 support members that do not have a fire rating requirement and do not have to be fireproofed.
16.	<p>Drawing S-104 appears to show a precast wash on both sides of Line C, but only on the ramp side of Line B. Furthermore, the section cut of those two lines, 8 on S-540, shows a precast wash on the ramp side, but a "no wash condition" on the flat side.</p> <p>Please confirm if a precast wash should be provided at all low-ends of double tees, or whether the intent is for the non-ramp side to be without a precast wash.</p>	The non-ramp side of Line B shall have a wash.
17.	<p>The structural floor plans, S-103 and S-104, use the CIP hatching pattern to show the washes around the four (4) intermediate shear walls at Lines 2 and 4. However, section 7 on S-540 that is cut across these locations, shows a precast wash around the shear walls.</p> <p>Please confirm whether this wash will be CIP or precast.</p>	The wash shall be precast except at between B/2 and C/2. Discuss with Walker if a CIP wash is preferred over a precast wash.
18.	Detail 3 on S-521 calls out a minimum double tee flange thickness of 4 5/8". We typically use a five inch (5") thick double tee flange to satisfy two (2) hour rating required.	This is acceptable.



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	Please confirm that this is acceptable.	
19.	<p>Varying Double tee depths</p> <p>Typical Floor Plans S-102 thru S-104 call for 30" deep double tees.</p> <p>Roof &amp; Roof ramp S-104 &amp; S-105 call for 34" deep tees.</p> <p>Architectural drawings call for 8'-2" head room required.</p> <p>Given that floor to floor height is 11'-4" Is it acceptable to use a 35" deep double tee (30" stem + 5" flange) at all locations?</p>	The double tee depths shall be as per the documents.
20.	<p>Drawings A-201 Elevation 2 has two notes that call out P/C Color 1 and two notes that call out P/C Color 2. All of these notes point to panels that have shading described in the Legend as Precast Concrete (Color No. 2). All panels on this elevation have that particular shading.</p> <p>Please clarify whether all panels on this elevation are Color 2 or if some are Color 1.</p>	Sheet A-202 / East elevation all panel have color 2 shading
21.	<p>Drawing A-202 Elevation 1 has a note that calls out the spandrels as P/C Color No. 2. However, the shading on this elevation indicates the spandrels as Color No. 1.</p> <p>Please clarify.</p>	Sheet A-202 / south elevation all the spandrel has color 1 shading.
22.	<p>The Architectural Elevations on drawings sheets A-201 and A-202 reference two (2) different Precast Concrete Colors, that are to "match architect sample."</p> <p>Please provide mix design constituents used to prepare the Architects samples; i.e. cement color or blend, pigment color, aggregate source type, size &amp; color.</p> <p>Please clarify the two (2) different mix designs that are to be used on this job.</p>	See arch. 3d rendering from V3A for color type.
23.	<p>Drawings A-331 Elevation 2 appears to show location of embeds for connection each mesh screen panel to the precast structure. Note says Precaster to coordinate location, size, and loads with misc metal. We do not know enough about the mesh screen system to determine all of the connection requirements at this time. Once a supplier is identified embeds can be coordinated.</p> <p>Typically the size and type of embeds required are designed and provided by the selected screen fabricator/installer as needed to suit their system. Location of embeds are then coordinated with the precaster during the shop drawings phase.</p> <p>For Bidding purposes, please provide an estimated quantity so we can account for labor to install these embeds into the precast formwork prior to casting.</p>	For bidding purposes provide 8"x8"x1/2" plates with the spacing and quantity as show on drawing 2/A-331 for each one of the mesh screen panels. See elevations for panel quantity.
24.	<p>Detail 5 and 6 on A-321 call out embed plates by precaster for connection of the metal truss framing that supports the phenolic wall panel system. The same note says to coordinate location and load requirements with misc metal subcontractor. We do not know enough</p>	For bidding purposes provide 8"x8"x1/2" plates with the spacing and quantity as show on drawing 2/A-331 for each one of the mesh screen

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<p>about the metal truss wall panel system to determine all of the connection requirements at this time. Once a supplier is identified embeds can be coordinated.</p> <p>Typically the size and type of embeds required are designed and provided by the selected fabricator/installer as needed to suit their system. Location of embeds are then coordinated with the precaster during the shop drawings phase.</p> <p>For Bidding purposes, please provide an estimated quantity so we can account for labor to install these embeds into the precast formwork prior to casting.</p>	<p>panels. See elevations for panel quantity.</p>
<p>25. Are the pre-bid meeting minutes available for review?</p>	<p><b>NO</b></p>
<p>26. Please provide specific address/location/footprint/outline of the Marshalling Yard that is to be provided by the 195 Development Group for use by precaster.</p>	<p>I-195 Commission Lot 35 surrounded by Franklin St, Friendship St, Claverick St and Clifford St. See Lot 35 survey plan and I-195 overall lot plan attached to Addendum # 2.</p>
<p>27. P-700, Detail P809. Regarding the pipe guards, are these for all piping on each level – sanitary, storm, garage waste and vent, or just for the insulated domestic water piping? Will these be F&amp;I by the plumbing contractor or by others?</p>	<p>These detail are information only. The GC will furnish and install</p>
<p>28. The GSI-1 thru 5. Will this be F&amp;I by the site contractor?</p>	<p>All interceptors will be furnished and installed by the Plumbing Contractor</p>
<p>29. FD-A, FD-B, and RD-A. Will this be F&amp;I by the precast contractor which will supply the plumbing contractor with the drain bodies for installation at a later date?</p>	<p>The Plumbing Contractor will purchase the floor drains and furnish the portion that will need to be cast into the precast section to the Precaster. The Plumber will install the remainder of the drain during construction</p>
<p>30. Will the plumbing contractor figure coring holes or supplying Schedule 40 sleeves to the precast contractor for installation?</p>	<p>The Plumbing Contractor shall core holes for his work.</p>
<p>31. Drawing S-202 Building Elevations is listed in the specifications drawing list but it is not the Plan Package. Please provide drawing.</p>	<p>Drawing was listed in specifications in error and is not intended as part of the bid documents.</p>
<p>32. Drawing S-573 Waterproofing and Expansion Joint Details is listed in the specifications drawing list but it is not the Plan Package. Please provide drawing.</p>	<p>Drawing was listed in specifications in error and is not intended as part of the bid documents.</p>
<p>33. Drawing A-102 callout states Pipe Rail (see detail 3/650). There is no drawing A-650 in the plan package, nor is it listed in the specifications drawing list. Please provide drawing.</p>	<p>The detail for the pipe rail can be found on 3/A-550</p>
<p>34. Drawing A-440 section callout states 1A-450. There is no drawing A-450. Please provide drawing.</p>	<p>The callout to drawing A-450 was included in error. Sheet A-450 was not intended to be included in bid documents.</p>

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35.	Specification Section 012100 Allowances, details a unit price shall be furnished for disposal of Type A and B soil by the Ton. The bid form requests Price per the CY. Please confirm submitted unit prices for the disposal of contaminated soil allowance are to be per ton.	Please submit the unit price for disposal of Type A and B soils in <b>TONS</b>
36.	Specification Section 033000 Cast in Place Concrete states Provide in Bid 10 additional tons of placed reinforcement bars or wwf for inclusion in Project as Engineer directs. Return cost of unused portion to Owner at unit price stated on Bid Form. However, there is nothing on Bid Form requiring this unit price for placing an additional 10 tons of reinforcement. Please clarify.	<b>The cost of this is required to be included in the contract sum in accordance with specification section 033000. There will not be a line item in the bid form for this.</b>
37.	Specification Section 079233 Concrete Joint Sealants Article 1.3 Unit Prices states: in bid form state: Unit cost to rout, clean, prime, and seal all cracks as noted by Engineer / Architect prior to substantial completion based on quantity of 500 LF. Unit cost to rout, clean, prime, and seal all cracks as noted by Engineer / Architect during 1 year warranty period based on quantity of 500 LF. Please clarify if this is to be included in the contract sum. There is no line on bid form to include this information.	<b>The cost of this is required to be included in the contract sum in accordance with specification section 079233. There will not be a line item in the bid form for this.</b>
38.	Section 079500 Article 3.6 Maintenance states: Provide separate line item in bid price for 5 year maintenance program for vehicle rated seismic expansion joint system. Please clarify if this is to be included in the contract sum. There is no line on bid form to include this information.	<b>The cost of this is required to be included in the contract sum in accordance with specification section 079500. There will not be a line item in the bid form for this.</b>
39.	Note 11 on Drawing E-408 calls for conventional devices wired back to the control panel via modules to create an addressable system. Is it the intent to have the outlying devices zoned per floor or to have an addressable module for each and every individual device?	Provide zoning per floor.
40.	Specification section 260000 Electrical, Article 2.14 specifies addressable smoke detectors. Note 11 on drawing E-408 states all devices shall be conventional type. Which type of device should be provided? Note that both addressable and conventional smoke detectors have the same operating temperatures (32-100 degrees F) and neither are weatherproof.	Addressable smoke detectors are required in conditioned spaces as illustrated on the drawings. Weatherproof heat detectors shall be provided in non-conditioned/garage spaces. Provide weatherproof initiating devices as illustrated on the floor plans.
41.	Note 6 on drawing E-408 calls for 2 NAC alternately connected for each evacuation zone. The riser diagram shows 1 per evacuation zone? Which method is correct?	Provide 2 NAC alternately connected. The building evacuates as a single zone (not highrise)
42.	Drawing E-408 indicates a weather proof remote annunciator. Drawing E-401 indicates the annunciator location but does not indicate that it is weather proof. Which is correct? Note that the annunciator itself will not be weather proof but can be installed in a weather proof housing.	Provide remote annunciator housed in weatherproof housing with heater.
43.	On drawings E-300 through E-307 states, refer to security system drawings by Dane Tech for additional information. Please provide these drawings.	See Dane Tech Security Plans attached to Addendum # 2. Note: The contractor is to cover supply and install of conduits only. The RICCA

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		will be purchasing the equipment and install of same.
44.	Drawing E-800 shows (3) three 400A fused disconnect switches at the emergency generator. Are these disconnects supposed to be circuit breakers integral to the generator, or remote disconnects? If remote disconnects, will a tap box be required?	Remote disconnects are required. Provide separation between life safety, legally required standby and standby systems in accordance with NEC article 700.
45.	Drawing E-800 shows a Panel 21 (parking office) being fed from Panel 21G. This panel is not located on the drawings and the panel schedule does not indicate this panel. Please clarify.	Panel P21 has been deleted.
46.	Specification Section 260000 Article 2.14 states that there is a Sequence of Operation Matrix on the Plans. Please provide the sequence of operation matrix as it could not be located in the drawings.	Sequence of Operation Matrix shall be provided as part of the fire alarm system shop drawing startup and testing documentation.
47.	Please clarify the type of glazing at the storefronts, stairwell and spandrel. The plans call for insulated and ¼" tempered glass in the same elevation. Please note ¼" glass does not have 10 year warranty as called for.	¼" thick glazing to be provided at unheated spaces and 1" thick insulating glass to be provided at heated/conditioned spaces. Stair towers are unheated. Mercantile Space 112 is heated/conditioned. Spandrel glass at Mercantile Space 112 is to be insulating type.
48.	Specification section 316613, Article 3.6 B.1 "Place...geogrid in accordance with the section 312000 Earthwork." However, this specification section does not discuss geogrid. Is geogrid required on the project or is it at the discretion of the ground improvement designer? If required, please indicate the locations and type of geogrid.	There is no required geogrid for the Aggregate Piers. Geogrid may or may not be part of the approved design required from the ground improvement design engineer.
49.	In Specification Section 316613, Article 1.4.E., long-term differential settlement is ½-inch inch. However, on the Foundation Plan S-100, note 3 of the Foundation Notes indicates ¾-inch. Please clarify.	<b>"Design for a ¾" differential settlement"</b>
50.	The supplemental geotechnical report and Specification Section 316613, Article 3.1.A. indicate that installation measures shall include pre-drilling, pre-augering, etc. to penetrate fill. However, the specification indicates "...installation shall be performed using...methods that do not generate spoils." Please clarify.	It is the intent that any pre-drilling and pre-augering be completed in a manner which will result in little or no spoils being generated. Augers should be rotated as they are withdrawn to reduce the possibility of spoil being generated. Any minor amount of spoil should remain onsite.
51.	Please provide the locations and magnitude of uplift loads.	<b>"The garage as currently designed has no uplift."</b>
52.	Please provide a material for the Elevator Level Indicator numeral on the Elevator doors seen on Drawing AG-704.	Numerals to be paint or vinyl-die-cut.
53.	Detail 5 on Drawing AG705 and Section K of Spec 101400 calls for 8" cast aluminum lettering. Please provide a quantity for the text for estimating purposes. (Does the letter detail on Drawing A-201 noting "Graphic TBD" represent this sign	Exterior signage and text are to be determined. Detail 5/AG705 is intended to indicate the type of signs that will be located above the driveway entry/exits and the



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	type? If so, confirm that this is 8" cap height and non-illuminated cast aluminum dimensional lettering.)	intended mounting of these signs. These signs will be part of Allowance No. 3.
54.	With respect to the mounting details for all signs. Spec 101400 directs you to the sign schedule for the mounting detail and the schedule on Drawing AG702 reads "TBD". Please confirm which mounting detail should be used for each of the sign types as there is significant cost differences between the mounting styles listed on Drawing AG705.	<b>CL-1 7/AG-705 and 8/AG-705</b> <b>CL-2 7/AG-705 and 8/AG-705</b> <b>L1 3/AG-705 and 4/AG-705</b> <b>P1 7/AG-705 (sim.)</b> <b>P2 1/AG-705</b> <b>P3 1/AG-705</b> <b>P4 1/AG-705</b> <b>P5 1/AG-705</b> <b>R1-1 1/AG-705</b> <b>R7-8 6/AG-705</b> <b>R7-8a 6/AG-705</b> <b>R7-31A 4/AG-705</b> <b>S1 7/AG-705 and 8/AG-705</b> <b>S2 7/AG-705 and 8/AG-705</b> <b>S3 7/AG-705 and 8/AG-705</b> <b>S4 1/AG-705</b> <b>S5 1/AG-705</b> <b>S6 1/AG-705</b> <b>S7 1/AG-705</b> <b>S8 1/AG-705</b> <b>S9 1/AG-705</b> <b>S10 1/AG-705</b> <b>S11 1/AG-705</b> <b>S12 1/AG-705</b> <b>S13 1/AG-705</b> <b>S14 1/AG-705</b> <b>S15 1/AG-705</b> <b>S16 1/AG-705</b> <b>VR1 3/AG-705 and 4/AG-705</b> <b>VR2 3/AG-705 and 4/AG-705</b> <b>VR3 3/AG-705 and 4/AG-705</b> <b>VR4 1/AG-705</b> <b>VR5 3/AG-705 and 4/AG-705</b>
55.	On drawing A321 the backup framing is called out as aluminum but the specifications call for cold-formed metal trusses. What is the material?	Back-up framing in base bid is to be a Performance Design. Base bid is to be cold-formed galvanized steel and all aluminum trusses are to be an alternate. (Alt. No. 2).
56.	On drawing A330 details 2 thru 4 please provide sizes and spacing information for the metal galv. supports behind the mesh panels.	The mesh screen panels are to be a performance design. Embed plates shown in details 1/A-331 and 2/A-331 and in detail 9/A-501 are intended to be an indication of the required scope for the embed plates at top and

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		bottom of each screen and at intermediate connection points where they occur.
57.	Specification section 101400 'Signage' Article 1.2B-3 lists specification section 101419 'Dimensional Letter Signage' as a related section regarding signs at Stair/Elevator tower entrances. Section 101419 is not provided in the bid documents, please provide.	Dimensional letter signs are not yet included in the design. However, exterior signage and text are to be determined and these signs would be part of Allowance No. 3.
58.	Traffic Study Pre-bid Meeting 2/21/18 Could you provide a copy of the traffic study for the Garrahy Garage that was referenced at the Pre-bid Meeting on 2/21/18?	<b>Yes, this can be provided.</b>  <b>See VHB Traffic Study attached to Addendum # 3.</b>
59.	Soils Removal Section 004100 Bid Form, 012100 Allowances and 012200 Unit Prices paragraphs 3 and 6 The Bid Form has Unit Prices No. 1 & 2 in dollars per cubic yard (\$/cy). Specification Section 012200 Unit Prices, paragraphs 3.1.A.2. and 3.1.B.2 say the unit of measure is to be Tons of Contaminated Soil. Section 012100 Allowances specifies the amount paid will be measured by the ton. Could you confirm that bidders should provide a unit price in cost per tons?	<b>The Unit Price Items No. 1 and No. 2 shall be provided in Dollars per Ton. Payment will be made in accordance with the weight slips received from the disposal facility.</b>
60.	Excavation Allowance 012100 Allowances paragraph 3 Could you confirm that Allowance No. 1 for \$900,000 covers <b>ALL</b> soils excavation, handling, stockpiling, testing, transportation and disposal, and is not a supplemental value to cover contaminated materials only?	<b>Allowance No. 1 covers the cost for soil excavation, handling, stockpiling, testing, transportation and disposal. For purposes of this project, site soil is considered "contaminated". As such, excess site soil must be disposed at an appropriate facility.</b>
61.	Excavation Allowance 012100 Allowances paragraph 3 Could you clarify what is meant by "handling and excavating" in Allowance No. 1? Is it meant to include the act of loading soils into a truck and disposing or to include multiple handling and multiple locations of soils?	<b>The specifications do not dictate the contractor's means and methods to achieve the project objectives for soil disposal. The allowance covers the cost for soil excavation, handling, stockpiling, testing, transportation and disposal. Refer to the response to Item No. 63 for further information.</b>
62.	Tipping Fees Section 012100 Allowances and 01220 Unit Prices paragraph 6 Do unit prices for soils removal include the facility tipping fees?	YES  <b>Yes, the unit prices shall include tipping fees.</b>
63.	Location of Soils Disposal Facilities Section 026100 Removal and Disposal of Contaminated Soil paragraph 3.7	<b>An application to dispose up to 15,000 tons of Contaminated Soil Type A, using existing analytical data, has been filed with the</b>

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	<p><b>operators of the Coventry Landfill located at 451 Arnold Road Coventry, Rhode Island. The application has been conditionally accepted pending identification of the contractor and the establishment of appropriate financial arrangements. This will allow soil to be excavated, loaded and transported to the facility without stockpiling and further testing. However, contractors are not being directed to use this facility.</b></p> <p><b>To obtain tipping fees to dispose Type A soil at the Coventry Landfill. Please contact:</b></p> <p><b>Tony DiGregorio            General Manager            DiGregorio Corporation            23 Business Park Dr.            Smithfield RI 02917            (401) 640-2222 (cell)            (401) 232-1400 (office)</b></p>
<p>64. Stockpiling of Contaminated Soil Type B            Section 026100 Removal and Disposal of Contaminated Soil paragraphs 3.5.D and 3.6            Section 026100 specifies separate stockpiling of Contaminated Soil Type B to allow for testing. May we stockpile this material on the staging site two blocks away?</p>	<p><b>Yes, the soil may be stockpiled at the staging area. Stockpiled soil must be placed on and covered with polyethylene sheeting. The location must also be secured to prevent access.</b></p> <p><b>Please note that the Type B soil shown around Borehole B-6 can be grouped with Type A soil based on new criteria used by the Coventry Landfill. This will limit the amount of known soil that requires stockpiling.</b></p>
<p>65. Support of Excavation            Section 018900 Site Construction Performance Requirements and drawing C-2 paragraph 1.6 Soil Support            Section 018900 paragraph 1.6.A Soil Support specifies that the contractor shall support excavation in accordance with OSHA and other</p>	<p><b>1. Yes, the Contractor can have leeway in the location of (temporary/permanent) excavation support structures, as long as the location conforms with Specification Section 018900, Paragraph 1.6.A and that: all excavation support work stays within the property limits,</b></p>

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<p>regulations. Drawing C-2 shows sheet piling located approximately 3' off of the foundations.</p> <p>1) May the contractor have leeway in the exact location of excavation supports?</p> <p>2) May the contractor select means of support as long as it meets requirements of 018900? In other words, may the contractor use soldier piles and lagging or other means in lieu of sheet piling if they so choose?</p>	<p><b>proposed adjacent construction can be built as indicated on the project drawings and specifications, utilities crossing or in the vicinity of excavation support structures can be accommodated, and all system components are Engineer approved.</b></p> <p><b>2. Yes, the Contractor can select the type of excavation support structure to propose, as long as all above requirements are met, including that the Engineer approval requirement.</b></p>
<p>66. Pavement Markings            Section 099120 Pavement Markings and drawing C-2            Is it acceptable to perform all pavement marking work shown on drawing C-2 at the end of the project to coincide with pavement markings within the parking garage?</p>	<p><b>Yes. Pavement marking within street right of way shall be per City of Providence's specifications. Any temporary stripping requires a Traffic Management Plan and approval from the City Engineer. Temporary pavement markings in the Garrahy Courthouse receiving/loading/parking area should be installed as soon as possible.</b></p>
<p>67. Pavement Markings            Section 099120 Pavement Markings paragraph 2.4            The Pavement Marking Spec 099120 2.4 – says “Beads shall be used, if approved by owner” – could you confirm whether beads have been approved?</p>	<p><b>Beads shall be used.</b></p>
<p>68. Utility Backcharges            Pre-bid Meeting 2/21/18 and Section 018900 Site Construction Performance Requirements paragraph 1.2A            We understood at the pre-bid conference that the Owner was responsible for costs associated with utility backcharges. Section 018900 states that these fees must be paid by the Contractor. Could you confirm who pays the utility backcharges?</p>	<p>The RICCA will pay all Utility related Backcharges.</p>
<p>69. Utility Transfer Dates            Section 011100 Summary of Work paragraphs 1.2.B.1.d &amp; e            Could you confirm the transfer dates for utilities?            1) National Grid electrical service            2) Cox Communications telecommunications service</p>	<p>See National Grid Schedule attached to Addendum # 2</p>
<p>70. Re-build Sallyport Brick Wall            Pre-bid Meeting 2/21/18 and note on drawing C-5</p>	<p>No as-built plans were available for the Sallyport walls. They are to be re-</p>

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	Could you provide details for rebuilding the sallyport brick wall and gates at the end of the project?	built in-kind and gates reinstalled in kind.
71.	<p>Access from            Temporary Judge's Parking Lot            Pre-bid Meeting 2/21/18,            Section 011100 Summary of Work and drawing LOG-1            paragraph 1.2.B.1.g.</p> <p>Could you confirm the location of the temporary judge's parking lot? Section 01110 requires the contractor to construct and maintain "temporary pedestrian egress access way from Garrahy Courthouse rear entrance to Friendship Street with screen walls to Sallyport and to garage construction area." We understood from the pre-bid meeting that the judges would park in a temporary lot on the corner of Clifford and Richmond. Do the contractor need to provide an additional covered walkway for the judges from Clifford to the rear entrance?</p>	<p>The temporary Judges parking is located off site across Clifford St. The Judges will enter as they do now through the loading area. The pedestrian protection mentioned is for the general public and court employees entering and leaving through the back courthouse entry.</p>
72.	<p>Rhode Island Council for the Arts            Drawing LOG-1 and Pre-bid Meeting 2/21/18            note 9</p> <p>Could you confirm that the cost of artwork valued at 1% of construction cost is by the Owner and excluded from the contractor's bid?</p>	<p>The cost for the Art component valued at 1% of construction cost will be paid for by the RICCA.</p>
73.	<p>Pre-drilling of            Aggregate Piers            Section 316613 Compacted Aggregate Piers and Appendix B:            Supplementary            Geotechnical Engineering Report 316613 paragraphs 3.3.C and 3.3.D            and page 5 of Geotech Report            Section 316613 paragraph 3.3.C says that pre-auguring may be used in relatively dense soil areas. Pre-auguring produces some spoils, although fairly minimal. Paragraph 3.3.D says, "Pier installation shall be performed using displacement methods that do not generate spoils."            The Supplemental Geotechnical Report recommends in 2.20.3 that pre-auguring be used due to soils conditions.            Will spoils that result from the pre-drilling process be allowed?</p>	<p><b>From a practical stand-point, there will be some amount of spoil generated with any pre-augering and/or displacement pier construction. Yes, a (minimal) drill spoil quantity will be generated. Yes, a drill spoil quantity should be allowed.</b></p>
74.	<p>Ground Improvements Under Grade Beams            Section 316613 Compacted Aggregate Piers            paragraph 1.4.D            Paragraph 1.4.D describes the bearing capacity required for soil augmentation products. Please confirm that grouted aggregate piers are not required under grade beams, as the grade beams, unlike footings, do not transfer vertical loads to the supporting soils.</p>	<p><b>Ground improvement support of building grade beams is not required as grade beams are designed to transfer vertical load into the adjacent footings and not into the ground directly below the grade beam. Subgrade support of grade beams and structural slab does need to be sufficient to support the dead weight of the concrete and reinforcing steel during the initial concrete set period.</b></p>

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75.	<p>Soil Thickness Under Footings            S-100 and Section 316613            Compacted Aggregate Piers            Note 4 / S-100 and 316613 paragraph .2.A and 1.4.L            Section 316613 requires the contractor to design the ground improvements; paragraph 1.4L specifically requires the contractor to design a system that will limit preparation of ground improvement elements into the footing pad.            Foundation Information note 4 on drawing S-100 says footings "shall be installed on a 2-foot thick crushed stone or concrete pad." If design calculations by the ground improvements contractor suggest a different thickness of crushed stone under the footings, can the ground improvement contractor change the 2-foot required thickness?</p>	<p>Use the suggested thickness from the ground improvements contractor.</p>
76.	<p>Differential Settlement of Footings            S-100 and Section 316613            Compacted Aggregate Piers            Note 3 / S-100 and 316613 paragraph 1.4.e            Could you confirm the allowable differential settlement? Foundation Information note 3 on S-100 limits differential settlement to 3/4", but Section 316613 paragraph 1.4.e.3) specifies 1/2" maximum long-term differential settlement of adjacent footings.</p>	<p>Design for a 3/4" differential settlement.</p>
77.	<p>Uplift Loads            Section 316613 Compacted Aggregate Piers            Could you provide the locations and magnitudes of the uplift loads related to the Garrahy Garage foundation?</p>	<p>The garage as currently designed has no uplift.</p>
78.	<p>Foundation Wall Backfill Limitations            Section 310000 Earthwork            paragraph 3.5.A.13            What are the limitations to backfilling the B1 Tier walls? Are they designed as retaining walls?</p>	<p>See details 3/S-513 and 2/S-513 for requirements for the B1 tier walls along Line B and Line C. Walls with soil on both sides shall be backfilled evenly. Remaining B1 walls have been designed as cantilevered retaining walls with a soil elevation up to what is shown on C-3.</p>
79.	<p>Precast Washes            S-104 and S-540            details 7 and 8/S-540            Detail 8/S-540 shows the P/C concrete wash on the ramp side but not the flat level. Detail 7/S-540 includes a P/C wash on both sides of a shear wall. The "Architectural/Structural Plan Elevation Key" on S-104 indicates a pre-topped tee that looks like it has CIP infills and a topped tee that has a P/C wash. Could you clarify the requirement for precast concrete washes vs. cast-in-place infills?</p>	<p>Precast washes shall be on both sides on Lines B and C. The washes around the shear walls shall be precast except between B/2 and C/2. Locations of double tees with a cast a place infill include the ramp to each stair and the toppings detailed on sheet S-544.</p>
80.	<p>Ground Face Block            Section 042000 Unit Masonry and drawing A-602            Finish            Schedule</p>	<p><b>Ground Face finish to be on interior/room side of CMU walls at Parking/Security Office 103 and Restroom 111 where exposed. CMU</b></p>

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	The Unit Masonry spec indicates the walls at Parking/Security Office and other adjacent enclosures are to receive ground face. We assume all perimeter outer facing surfaces will be ground face. The finish schedule on drawing A-601 shows paint/GF for rooms Parking Security 103, Janitor Closet 110 and Rest Room 111. Please clarify which interior wall surfaces are to have a ground face finish.	<b>walls at interior/room side of Janitor's Closet 110 and Security Closet 114 are to be painted CMU.</b>
81.	Ground Face Block Section 042000 Unit Masonry and drawing A-602 Finish Schedule Will both sides of the separation wall between Garage and Mercantile Space along column line 1.6 have a ground face finish? We assume the garage facing side will be ground face. Please clarify the required finish for the side facing Mercantile Space.	<b>Only the face of the CMU partition wall at the Mercantile Space which is towards the Parking Area and Lobby Stair A needs to have Ground Face. Both faces of the CMU partition wall between Lobby Stair A and Vestibule 101 need to have Ground Face. Other faces can be standard.</b>
82.	Ground Face Block Section 042000 Unit Masonry and drawing A-602 Finish Schedule Will the interior side of Stair D walls on B1 Tier have a ground face finish?	<b>The walls surrounding Stair D on the B1 tier are to have Ground Face on both the exterior and the interior.</b>
83.	Ground Face Block Section 042000 Unit Masonry and drawing A-602 Finish Schedule On the Ground Tier will the walls within the alcove leading to Emergency Electrical Room 105 and Tel/Data Room 106 have a ground face finish or will they receive paint?	<b>The CMU walls surrounding Emergency Electrical Room 105, Main Electrical Room 104 and Tel/Data Room 106 need to have Ground Face on the exterior where visible to the public. Other faces can be standard.</b>
84.	Insulated CMU A-410 plan 4 On drawing A-410 insulated CMU is only indicated on plan 4. Should the entire elevator A shaft include insert insulation? Or will it be limited to certain walls/levels, if so please indicate where inserts will occur for elevator A and adjacent control room.	<b>Insulation inserts are only required at the Ground Face CMU walls surrounding Elevator Control Room 602 which is to be heated. The Ground Face CMU walls surrounding the elevator hoistway do not need to have insulation inserts.</b>
85.	Reinforcing Requirements for CMU Walls S-001 and S-560 S-001 notes; details 3 & 4/ S560 Structural general notes for masonry on drawing S-001 indicates minimum CMU wall vertical reinforcing to be #4 rebar at 18" on center (should this read 16"?). Details 3&4 on drawing S-560 indicate vertical reinforcing to be #5 rebar at 4' on center. Please clarify the size and spacing for reinforcement in CMU walls and if typical vertical spacing varies indicate such walls.	For typical CMU walls, provide #4 @ 16" OC.
86.	Aluminum Trusses Section 004100 Bid Form and Section 054400 Cold Formed Metal Trusses and Drawing A321 (facade details) Alt #2 and det 6/A-321	<b>Back-up framing for the exterior gypsum sheathing and phenolic wall panel cladding system is to be a "Performance Design" by the contractor. The base bid is to be</b>

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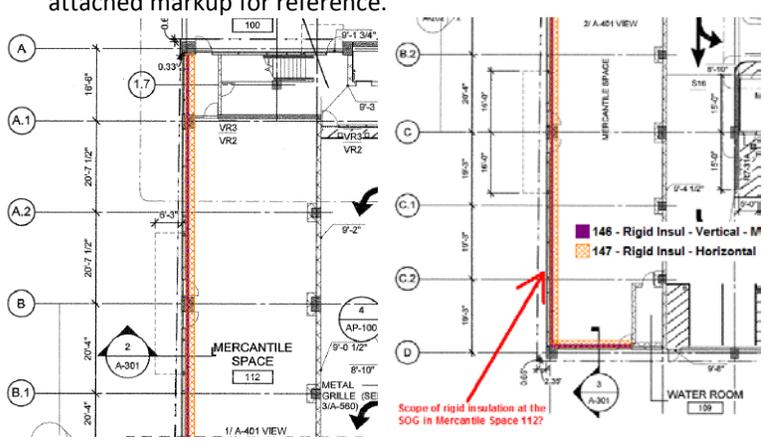
QUESTIONS		ANSWERS
	(typical) Alternate No. 2 requires bidders to provide all-aluminum truss framing support for the system of phenolic wall panels and gypsum sheathing in lieu of galvanized steel truss framing support. However, details on drawing A-321 indicate the base material would be aluminum. Could you confirm that specification 054400 supersedes notes on drawings that indicate aluminum? Please clarify Alternate No. 2 and the base scope for the trusses.	<b>cold-formed galvanized steel framing or trusses and the alternate is for the framing to be all-aluminum trusses (Alt. No. 2).</b>
87.	Signage Section 101400 Signage and drawings A-201, A-202 and AG Series various elevations Several signage areas in the elevations include no copy or ID type. Are the unmarked graphics to be considered part of the \$70,000 allowance for future signage? Please clarify the following locations: - north elev on A-201 graphic above the clearance signs - north elev on A-201 blank sign panel over 2 bollards - south elev on A-202 blank sign panel	<b>Yes.</b>
88.	Waterproofing under Grade Beams S-510 and S-572 det 2/S-510 Could you provide a typical waterproofing detail for grade beam conditions? What is the waterproofing lap detail between the grade beam and the 10" structural slab-on-grade?	<b>For bidding purposes, the corner transition shown in 2/S-572 can be used as a guide. As noted on S-572 details provided are general and intended for guide only. Follow the manufacturer's recommended details.</b>
89.	Regarding angle supports for the mesh screens: Details on A-330 show (2) continuous 4"x4" angles welded together spanning along the top & bottom of precast spandrels to secure the mesh screen panels. After reviewing the stainless-steel screen panel details on A-331 it looks like there is only (1) 4"x4" angle that runs continuously along the top & bottom of the precast spandrels. The other 4"x4" angle seems to be welded to the continuous angle at intervals running the width of each screen. Please provide clarification on the correct detail to use and the thickness of this angle.	<b>For bidding purposes, both angles shall be continuous with a thickness of 1/2".</b>
90.	Do the embed plates at the spandrel panels for exterior façade applications shown on A-322 and 2/A-331 need to be cast into the panels or can they be field installed with expansion anchors? Please advise and, if acceptable, provide a detail indicating acceptable attachment methods.	<b>The use of expansion anchors may be acceptable but the location of each connection would have to be coordinated with the precast manufacturer. Detail to be provided by misc metals contractor. Generally, the bottom 1'-6" of a precast spandrel cannot accept anchor bolts because prestressed strands occupy this portion of the spandrel.</b>
91.	CIP wall detail on 5/S-514 notes that at the contractor's option plain concrete can be used to fill the void space below the 10" structural slab	<b>The intent of the plain concrete in detail 5/S-514 is to simplify forming</b>



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	<p>at B1 Tier. Details 3&amp;4 on S-514 do not give an option and calls for plain concrete to fill the void between the ejector pit mat and the 10” structural slab. Please provide clarification – what are the requirements for the plain concrete fill? Is plain concrete required to fill the void space below the 10” structural slab or can stone/gravel be used as backfill?</p>
<p>92. Alternate No.2 on the Bid Form calls for us to provide all-aluminum truss framing support system for the phenolic wall panels in lieu of galvanized steel support framing. Exterior wall panel details on A-321 show aluminum truss framing at the phenolic wall panels not galvanized steel. Please provide clarification for Base Bid vs. Alternate No.2 requirements.</p>	<p><b>of the foundation and the waterproofing around the foundation. Use the same concrete mix as the spread footings. For detail 3/S-514 and 4/S-514, if the plain concrete fill is not preferred, a 12” CIP wall sim to the 12” CIP wall shown in 5/S-514 may be cast around the perimeter of the pit may be used. The void between the slab and the footing shall be prepared as per note 4 on S-101. Any remaining void space may be filled with crushed stone.</b></p> <p><b>Back-up framing for the exterior gypsum sheathing and phenolic wall panel cladding system is to be a “Performance Design” by the contractor. The base bid is to be cold-formed galvanized steel framing or trusses and the alternate is for the framing to be all-aluminum trusses (Alt. No. 2).</b></p>
<p>93. Exterior wall section detail 3/A-301 calls for a pre-weathered steel panel system by FaçadeTek with a .60 EPDM waterproofing membrane over ½” DensGlass – please provide clarification for the following:</p> <ul style="list-style-type: none"> <li>• Spec 074233 – ‘Phenolic Wall Panels’ lists Trespa ‘Meteon Lumen’ as the basis-of-design – please provide clarification as to what anufacturer/model should be included in our bid.</li> <li>• Spec 072727 – ‘Self Adhering Water Resistive Air Barrier Membrane’ lists RevealShield SA (by VaproShield) which is a polypropylene membrane – please clarify the correct type of membrane to use. If different from the spec please provide a manufacturer.</li> </ul>	<p><b>Exterior cladding is to be Phenolic Panels with the “Basis of Design” product to be the Trespa <i>Meteon Lumen</i>. The weather barrier over the gypsum sheathing behind the panel system is to be only a product approved by Trespa for use in NFPA 285 compliant wall assemblies. We understand the Revealshield SA by Vaproshield is approved by Trespa for use in NFPA 285 compliant wall assemblies. Contact Trespa for other products and manufacturers approved for use in NFPA 285 compliant wall assemblies.</b></p>
<p>94. Ground Tier enlarged floor plan detail 1/A-410 indicates the slab, insulation, and vapor barrier at Mercantile Space 112 are part of the tenant fit-out by others. S-102 calls for a 6” slab-on-grade to be poured in this area. Please clarify whether the 6” slab-on-grade and vapor barrier should be included in our bid.</p>	<p><b>The rigid insulation, vapor barrier and slab-on-grade at Mercantile Space 112 are not to be installed until the tenant fit-out of the space and they are not to be included in the bid.</b></p>
<p>95. Section details 2&amp;3/A-301 of the Mercantile Space bring us to detail 11/548. The curtain wall sill detail indicates fluid-applied waterproofing</p>	<p><b>Fluid-applied waterproofing is required and is intended to act as the air barrier for the wall assembly.</b></p>

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<p>with protection board at the exterior side. Please provide clarification on the following items:</p> <ul style="list-style-type: none"> <li>Should this detail be revised to reflect damp proofing only at the exterior face?</li> <li>Specs list two different types of fluid-applied waterproofing. If required, what type are we to carry?</li> <li>Please confirm we are to carry rigid insulation up the curb and only 2'0" along the inside perimeter of Mercantile Space 112. Please see attached markup for reference.</li> </ul> 	<p><b>Damproofing is not to be used at this location. Rigid insulation is to be carried up the wall on the inside face to the level of the underside of the future floor slab which will not to be installed until the tenant fit-out of the space and is not to be included in the bid.</b></p>
<p>96. Spec Section 084423 – Structural Sealant Glazed Curtainwalls lists “Sloped Glazing Assemblies” as a related section but it is not listed in the Table of Contents. We cannot find any sloped glazing assemblies on the plans. Please provide the missing spec and locations for sloped glazing assemblies.</p>	<p><b>There are no sloped glazing assembly areas in this project.</b></p>
<p>97. Regarding Spec Section 084423 – Structural Sealant Glazed Curtainwalls: Under Part 2 – Products, 2.1A it says – note: “curtain wall system for installation in glass-back elevator shafts...to comply with regulations”. We cannot find any details for this type of system on the drawings. Please provide details and locations for structural sealant glazed curtain wall assemblies.</p>	<p><b>There are no glass-back elevator hoistways in this project.</b></p>
<p>98. Stair C at the Judge’s Lobby is called out as a cast-in-place stair on A-420. Drawings 1/S-421 and 4/A-460 call for this stair to be a precast stair. Please provide clarification.</p>	<p><b>The stair is to be precast concrete.</b></p>
<p>99. Wall section details on A-301 do not clearly define the scope of rigid insulation at any other walls except those at the Mercantile Space (2&amp;3/A-301). Please provide clarification for rigid insulation requirements at the following walls/slabs:</p> <ul style="list-style-type: none"> <li>Walls along column lines A&amp;D</li> <li>Deep foundation walls along column lines B&amp;C</li> <li>Slab-on-Grade at Ground Tier in the garage</li> </ul>	<p><b>Rigid insulation with vapor barrier is to be provided at the underside of CIP concrete floor slabs in all conditioned spaces. This includes Elevator Control Room 002, Vestibule 101, Supply Room 102, Parking/Security Office 103, Main Electric Room 104, Emergency Electric Room 105, Tel/Data Room</b></p>

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		<b>107, Janitors Closet 110, Restroom 111 and Security Closet 114.</b>
100.	Spec section 072600 – Vapor Retarders – Garage lists polyethylene vapor barrier at 6-mils thick and installation requirements beneath concrete floor slabs. Spec section 033000 – Cast In Place Concrete, 2.7A calls for underslab vapor barriers at no less than 15-mils thick. Please provide clarification on the following: <ul style="list-style-type: none"> <li>• Please clarify the vapor barrier thickness at all slabs-on-grade</li> <li>• Does spec section 072600 only apply to vapor barriers applied to walls inside rooms within the garage?</li> </ul>	<b>Provide under-slab vapor barrier at slab-on-grade of all conditioned spaces (see #99 above) in accordance with spec. section 033000. Spec. section 072600 only applies to vapor barriers in insulated stud wall and ceiling assemblies inside conditioned spaces where necessary (see #99 above).</b>
101.	Stair/Elevator ‘A’ roof plan detail 2/A-411 refers us to 1/A-525 for roof fascia & parapet details. Details of the roof fascia & parapet on A-421 & A-422 are missing at the Stair/Elevator ‘B’ Second Tier, Third Tier, and Roof. Please provide details for the roof fascia and parapet at these locations.	<b>Roof fascia and parapet details at Stair/Elevator B and at the Judges’ Lobby are similar to the roof fascia and parapet details at Stair/Elevator A.</b>
102.	Detail 1/A-525 gives a dimension of 2’-6” at the top of the aluminum roof edge flashing. The top of the aluminum roof edge detail scales out to 1’-6” on drawings A-411, A-421, and A-422. Please clarify the width of the aluminum flashing at the roof parapets.	<b>The width of the top of the roof edge at the roof parapets is to be 2’- 6” as shown in detail 1/A-525.</b>
103.	Is the aluminum roof edge flashing called out in detail 1/A-525 a true coping cap, and as such part of the metal panel system, or just a gravel stop? Please advise as this size may be an issue to meet FM roof requirements.	<b>The aluminum roof edge flashing shown in detail 1/A-525 is intended as a transition between the vertical panel system and the membrane roofing.</b>
104.	There is no spec for sheet metal listed in the Table-Of-Contents. Please provide clarification on thickness of the aluminum roof edge flashing. Will a sheet metal spec be issued in an addendum?	<b>Sheet metal flashing is to be .080” thickness. A sheet metal flashing and trim specification will not be issued at this time.</b>
105.	Regarding the security fencing that is shown on A-102 at the secured entry/exit points – Detail 3/A-560 does not provide details on the finish of this security fencing. Please provide clarification as to whether this will be a factory painted or field painted item.	<b>Interior Security Fencing with gates shown on drawing A-201 at the secured vehicular entry/exit points is to be factory finished as indicated in specification section 323120.</b>
106.	CMU walls are called out to receive ground-faced finish at all exposed faces. Please confirm CMU block walls do not get painted. If CMU walls are to be painted, please confirm only the interior sides of CMU block walls will receive paint.	<b>Face of CMU walls at all public spaces/areas is to be a decorative ground face “GF” and these faces are remain exposed and are not to be painted.</b>
107.	Please confirm that steel bollards do not get painted and are to remain unfinished. Per the details on A-502 the bollards are to receive yellow guard covers over them.	<b>Bollards and base plates are to be HD Galvanized and only the exposed pipe and base plate at bottom of the bollard is to be painted safety yellow.</b>
108.	Please confirm that all concrete walls below-grade at B1 Tier (except for the Judge’s Lobby) are not to receive paint.	<b>All concrete walls at the B1 Tier are not to receive paint except for</b>

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		<b>concrete walls in the Judge's Lobby and the adjacent egress Stair C.</b>																																
109.	Room Finish Schedule on A-601 lists the wall finish at many of the rooms to be "Paint/GF". Does "GF" stand for Ground Face?	<b>Yes. "GF" stands for ground face CMU which is to remain exposed and is not to be painted.</b>																																
110.	Spec 142101 - Electric Traction Elevators specifies two different elevators; Elevator No.1 and No.2 – The drawings show a total of (4) elevators. Please provide a spec for all elevators on the project and corresponding number: <ul style="list-style-type: none"> <li>• Stair A (single bank, 1 elevator)</li> <li>• Stair B (dual bank, 2 elevators)</li> <li>• Judge's Lobby (single bank, 1 elevator)</li> </ul>	<b>All four elevators are to be 3,500 lbs. machine room-less electric traction elevators and they are all to be connected to emergency power. There are to be no glass-back elevators.</b>																																
111.	Section 3.1.2 of AIA Document A305 asks for examples of previous projects attached to a separate sheet of paper. Items (b), (c), (dc), and (d) appear to be requests for this project. Are a schedule, logistics, and project approach required with our submission for this project?	<b>YES</b>																																
112.	Drawing A-601 lists two different types of overhead doors: type "F" and type "G". The door and frame schedule does not provide a designation type for any of the overhead doors but instead calls them out as "overhead grille doors" or "high speed overhead grille doors". Furthermore, the overhead door types called for at openings on AP-100 conflict with the descriptions given in the door and frame schedule on A-601. Please provide clarification for the following overhead door openings: <table border="1" data-bbox="256 1136 1040 1346"> <thead> <tr> <th>Door Opening</th> <th>Mark</th> <th>A-601</th> <th>AP-100</th> </tr> </thead> <tbody> <tr> <td>117</td> <td>?</td> <td>Overhead Grille Door</td> <td>High Speed OH Coiling Door</td> </tr> <tr> <td>118A</td> <td>?</td> <td>Overhead Grille Door</td> <td>High Speed OH Coiling Door</td> </tr> <tr> <td>118B</td> <td>?</td> <td>Overhead Grille Door</td> <td>OH Coiling Door</td> </tr> <tr> <td>118C</td> <td>?</td> <td>Overhead Grille Door</td> <td>High Speed OH Coiling Door</td> </tr> <tr> <td>119</td> <td>?</td> <td>Overhead Grille Door</td> <td>Overhead Coiling Door</td> </tr> <tr> <td>120A</td> <td>?</td> <td>High Speed Overhead Grille Door</td> <td>High Speed OH Coiling Door</td> </tr> <tr> <td>120B</td> <td>?</td> <td>High Speed Overhead Grille Door</td> <td>High Speed OH Coiling Door</td> </tr> </tbody> </table>	Door Opening	Mark	A-601	AP-100	117	?	Overhead Grille Door	High Speed OH Coiling Door	118A	?	Overhead Grille Door	High Speed OH Coiling Door	118B	?	Overhead Grille Door	OH Coiling Door	118C	?	Overhead Grille Door	High Speed OH Coiling Door	119	?	Overhead Grille Door	Overhead Coiling Door	120A	?	High Speed Overhead Grille Door	High Speed OH Coiling Door	120B	?	High Speed Overhead Grille Door	High Speed OH Coiling Door	<b>Doors 117, 118A, 118B, 118C and 119 are to be Overhead Coiling Grilles as specified in specification section 083326. Doors 120A and 120B are to be High Speed Overhead Coiling Doors with ventilated curtain slats. See revised specification section 083324 High Speed Overhead Coiling Doors issued in Addendum No. 2 for doors 120A and 120B.</b>
Door Opening	Mark	A-601	AP-100																															
117	?	Overhead Grille Door	High Speed OH Coiling Door																															
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113.	For the door openings listed above please provide clarification as to whether the overhead door at each opening is high speed or not.	<b>Only doors 120A and 120B are to be High Speed Overhead Coiling Doors. These two doors have ventilated curtain slats. See revised specification section 083324 High Speed Overhead Coiling Doors issued in Addendum No. 2.</b>																																
114.	Drawing C-4 shows (4) four existing site light poles with conduit on the property. Are these site light poles and associated conduit getting demolished? Please provide locations and routing for the new poles and lighting conduit on E-100 if they are to be replaced.	The four (4) existing site light poles and conduit are to be removed.																																
115.	There appears to be a parking/security booth on the Clifford Street entrance on drawing C-4 that has no designation for removal or demolition- please provide clarification.	<ol style="list-style-type: none"> <li>1. The parking/security booth at the Clifford Street parking entrance shown on drawing C-4 is to be removed.</li> <li>2. The contractor is responsible to remove the security booth,</li> </ol>																																

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		associated gates and operators and return to the court.
116.	Existing underground electrical that runs within the project boundaries, as shown on C-4 are assumed to be within the bidding GC's scope. Please confirm all electrical within the project boundaries is the responsibility of the GC and not the Electrical Utility Company.	The National Grid duct bank running across the site is being relocated to the new location shown on the plans. The contractor is responsible for installing the duct bank in the new location across the site only. National grid will meet that duct bank with their work. The RICCA will pay National Grid for all other work related to this
117.	The plans and specifications mention the use of Schedule 40 PVC conduit for exposed work. Will Schedule 40 PVC be allowed for all work exposed above grade such as branch lighting, power, etc.?	<b>If it is to be used, PVC conduit exposed above grade must be schedule 80 with all necessary supports and expansion joints when horizontal and with pipe guards when vertical where it could possibly be damaged by vehicles, etc.</b>
118.	Drawing E-800 shows a breaker for future car chargers. Will there be any installed on the project? If so, please provide locations for them. Will any branch conduit be required from main switchboard to their future locations?	<b>Electric vehicle chargers may be installed in the future. There will not be any branch conduit installed at this time for the future EV chargers.</b>
119.	Drawing E-800 shows several breakers for future mercantile spaces. Will any feeder conduit be required from main switchboard to future spaces? If so, please provide a routing diagram.	<b>There will be no feeder conduit installed at this time for the future mercantile spaces.</b>
120.	On all low voltage systems, such as telecom, security, card access, CCTV, etc. - please confirm we are responsible for providing conduits, back-boxes, and pull strings only. Do the electrical documents depict all requirements for all the low-voltage systems? Please provide clarification.	<b>On all low voltage systems, such as telecom, security, card access, CCTV, etc. you are responsible for providing conduits, back-boxes, and pull strings only. See security design drawings by Dane Tech.</b>
121.	Detail 3/A-525 calls for single-ply roof membrane over ¾" pressure treated plywood at the canopy roofs above the Lobby Entrances & Mercantile Storefront. Detail 1/A-548 does not show this material above the roofing. What is the material shown above the roofing in the detail?	There is to be no insulation material above the roofing. Use detail 1/A-548 for canopy roof.
122.	Detail 3/A-525 shows metal panel at the canopy run along the underside, extend up the face, and terminate. Please confirm this is correct. If not, please provide details indicating limits of the metal panel at canopies.	See detail 4/S-545 for structural elements.
123.	EPDM roofing spec calls for substrate board to be 5/8" Type "X" gypsum board and calls for a ½" Densglass cover board. Neither of these details are shown for the roof system at the canopy detailed on 3/A-525 – please provide clarification for the roof system at the canopies.	<b>EPDM roofing system at cantilevered entrance canopies is to comply with FM Approvals 4450 and 4470 as specified, with components as required. Rigid insulation is not to be provided at these locations.</b>

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124.	With regards to precast colors sheet note #10 (A-201) states that colors are to match the architects sample. Please confirm that colors for precast will be manufacturer's standard colors. If not standard, please provide an allowance for all bidders to carry a custom color in their bids.	<b>Colors of architectural precast concrete are to match the colored perspective renderings by Vision 3 Architects.</b>
125.	Spec Section 034100 - Precast Structural Concrete lists, under the summary section, precast structural concrete with architectural finishes. Are custom form liners or custom finishes required for any of the structural precast items? Please provide clarification.	<b>There are to be no custom form liners or custom finishes for any of the structural precast items.</b>
126.	Elevation drawing 2/A-201 calls for precast concrete colors 1 and 2. According to the legend this elevation is to receive precast color 2. After reviewing drawing 2/A-442, however, the details call for the precast panels at this same area to be color 1. What is the correct color type for these precast panels?	Color type at precast panel on detail 2/A-442 is Color 2.
127.	Under the Special Notes to Contractors on LOG-1, Notes 4.4.3 and 4.4.4 call for the selective demolition of brick walls and wall footings around the sally port. Drawings C-2 and C-5 are vague and make a note to "rebuild existing masonry walls in kind". Please provide clarification for the following: <ul style="list-style-type: none"> <li>• Are we to selectively demo all the brick walls and footings around the sally port, or only where the sheet piling is being driven and the ductbanks run under the walls? Would it be possible to show the limits of brick wall to be removed on the drawings?</li> <li>• For bidding purposes please provide footing &amp; wall details for the new masonry walls to be constructed. Would it be possible to establish an allowance for all contractors to carry in their bids for this work?</li> <li>• Please clarify the extents of new masonry walls to be re-built on C-2 &amp; C-5. The existing masonry wall along the side of the garage does not look like it will be re-built since the precast garage wall now occupies this location.</li> </ul>	<b>The brick walls and footings around the Garrahy Courthouse Sallyport are to be demolished/cut back as needed to allow for the garage construction, to allow for egress from the courthouse to Friendship Street, and to allow for construction of the relocated NGrid ductbank between Friendship Street and Clifford Street. It is intended that these brick walls be reconstructed to match the appearance of the existing brick walls. No as-built or construction drawings of these walls brick are available. The brick wall along the side of the garage is to be rebuilt to the new property line with a space between it and the new garage.</b>
128.	Please confirm whether pipe guard detail P809 on drawing P-700 is required for all sanitary, storm, garage waste & vent piping on each level or just for the insulated domestic water piping at each level?	<b>Pipe guard detail P809 on drawing P-700 is required for all sanitary, storm, garage waste &amp; vent piping and insulated domestic water riser piping on each level where these pipes could be damaged by a vehicle.</b>
129.	Utility plan C-4 shows several underground utilities running through the site. Except for the underground electrical (NGrid) and tel-data (Cox) lines that are to be re-routed can we abandon all existing utilities in place that are not active?	YES Note: there is also a Providence Fire Department alarm loop that runs parallel to the N-grid duct bank. This is to be relocated in the same corridor as the new N-Grid duct bank. The old alarm loop can then be abandoned.
130.	<b>Aggregate Piers:</b>	<b>If an obstruction to excavation and/or drilling is encountered, the</b>

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<p>The contract documents state that the geotechnical reports indicate the presence of obstructions within the subsurface soils. The geotechnical report states obstructions include brick and concrete which would be likely remnants of former buildings. Obstructions would have an effect on support of excavation, excavation, utility installation, and aggregate piers however there is no quantity to assume in the bid for obstruction removal and there is no way to quantify the work and cost impacts that may be required to remove or accommodate obstructions. Based upon this inability to accurately predict and quantify potential obstructions, a specified contract allowance to reimburse the Contractor for all obstruction impacts and costs is requested. Otherwise, please clarify how bidders are supposed to quantify and include obstruction removal costs in our lump sum base bid and contract.</p>	<p>Engineer should be notified immediately. During the excavation and/or drilling process, obstructions are defined as man-made or man-placed: objects, materials, structures, or rock of any type or size (excluding bedrock) occurring at or below ground surface that unavoidably and completely stop the progress of excavation and/or drilling work for more than one (1) hour, despite the Contractor's diligent efforts with suitable equipment and technique, as determined by the Engineer. Abandoned utilities and utility structures indicated on the contract drawings shall not be considered obstructions and, where removal or relocation is required, shall be paid under other applicable pay item(s). A budget for Engineer observed and approved (per-hour) obstruction removal time should be included, in addition to the Lump Sum for this work.</p>
<p>131. Column Loads for Foundation Design            Section 316613 Compacted Aggregate Piers            Could you provide specific column loads, including the live load and dead load breakouts?</p>	<p>All footings have been sized for a gross allowable bearing pressure of 8000 psf and this design criteria is expected to be met. See notes on sheet S-001. If required, the live load and dead load breakout can be provided at a later date.</p>
<p>132. Aluminum Trusses            Drawings A-321 (façade details)            6/A-321 (typical)            Could you provide the design and sizing for the aluminum truss members in Alternate No. 2?</p>	<p>Back-up framing for the exterior gypsum sheathing and phenolic wall panel cladding system is to be a "Performance Design" by the contractor. The base bid is to be cold-formed galvanized steel framing and the alternate is to be all-aluminum truss framing (Alt. No. 2).</p>
<p>133. It appears that there is conflict with the footings proposed on the corners of Richmond Street and the traffic poles/ foundations and the signal cabinet. Please provide clarification on how these units are handled during the construction of the foundations. see attached photos.</p>	<p>During construction this intersection could operate as a stop control (stop signs vs. the signal). This would need to be reviewed and approved by the City Traffic and Engineering.</p>



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		For the mast arm pole at Richmond and Clifford, the footing could be revised to cast in a new foundation for the mast arm. The mast arm cannot move. The mast arm would need to be supported during construction.
134.	There is an electrical line that runs along the sidewalks on Clifford and Friendship. It is unclear what that electric is and what we do with it during the foundation install. Is it meant to remain or to be removed?	Electrical lines are to remain unless coordination with NGRID allows otherwise.
135.	Last there are existing street lighting and foundations that maybe in conflict with the foundation installation. Please provide clarification on how these units are handled during the construction of the foundations. Do these remain and are part of the final plan or are they removed?	Contractor to remove, store, and reset light pole. Light poles damaged by the contractor shall be replace in kind by the contractor.
136.	The list of permits that RI Convention Center was going to provide and pay for.	See Project Permits List and who is responsible attached to Addendum # 3
137.	Agreed upon schedule for all utility work by National Grid and Cox Communications and the required support the GC needs to provide for their work.	See N-Grid Schedule attached to Addendum # 2
138.	<p>Please clarify the scope of work that is included in the contaminated soil allowance and unit price as it states to include excavate, handle, stockpile, test, transport, and dispose. However in the prebid there was discussion that the unit price was trucking and disposal only.</p> <p><b>Lump Sum Allowances</b></p> <p>Allowance No. 1: Includes an allowance of \$900,000.00 to excavate, handle, stockpile, test, transport and dispose of 13,000 tons of contaminated soil, complete as detailed in Section 026100 – Removal and Disposal of Contaminated Soil to be invoiced based on the unit prices in Section 6.</p> <p><b>6. UNIT PRICES</b></p> <p>Unit prices below will be used to track removal identified in allowances. Prices identified are inclusive of all overhead and profit</p> <p>Unit Price No. 1: Removal and Disposal of Contaminated Soil <u>Type A</u> (As detailed in Section 026100). Removal and Disposal of Contaminated Soil.</p> <p>\$ _____ Per Cubic Yard</p> <p>Unit Price No. 2: Removal and Disposal of Contaminated Soil <u>Type B</u> (As detailed in Section 026100). Removal and Disposal of Contaminated Soil.</p> <p>\$ _____ Per Cubic Yard</p>	The contaminated soil allowance and the associated Unit Prices cover excavation, handling, stockpiling, testing, transportation and disposal.



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	<p>A. Unit Price No. 1: Removal and Disposal of Contaminated Soil Type A</p> <p>1. Description: Excavate, handle, stockpile, test, transport and dispose contaminated soil complete as detailed in Section 026100 – Removal and Disposal of Contaminated Soil, and as indicated on the Drawings or as directed by the Engineer. This Item relates Lump Sum Allowance No. 6 described in Section 012100.</p> <p>2. Unit of Measure: Tons of Contaminated Soil Type A Disposed.</p>	
139.	<p>Specification Section 012300 Alternate No. 2 in lieu of metal studs for the trusses provide aluminum trusses. Can the engineer provide us with a list of companies that are acceptable manufacturers of aluminum trusses?</p>	<p>No. Not at this time. A prefabricator of aluminum roof truss framing may be capable of designing and fabricating aluminum trusses to be attached to the precast concrete wall panels.</p>
140.	<p>Specification Section 03300, Section 2.2A, requests the contractor include 10 tons of reinforcement bars in the bid to be used at the discretion of the engineer. The unused portion will be returned to the Owner at the unit price stated on the bid form. Please add a unit price section on the bid form.</p>	<p>This unit price is to be shown on the bid form.</p>
141.	<p>Note #4 on Drawing S-101 states that there is to be a 3” mud slab under the 10” structural CIP slab. Details on S-513 through this are do not detail where this mud slab is located. If it is to be directly under the 10” slab, there will be a conflict with the grade beams running across the slab. Please clarify location/elevation of 3” mud slab.</p>	<p>The mud slab is directly underneath the structural CIP slab and is discontinuous at grade beam locations.</p>
142.	<p>Specification section, 012100, para 3.3.A, describes a lump sum amount of \$900,000.00 for 13,000 tons of contaminated soil. The bid form para 6, Unit prices 1 and 2 request a unit price per cubic yard for Type A and type B contaminated soil. Please coordinate the allowance, presently described in “tons”, with the unit price on the bid form, presently described in “cubic yards”. Or provide a conversion factor from “cubic yards” to “tons”.</p>	<p>The Unit Price Items No. 1 and No. 2 shall be provided in Dollars per Ton. Payment will be made in accordance with the weight slips received from the disposal facility.</p>
143.	<p>Please include, on the bid form, a unit price to dispose of “clean soil”. This will allow the contractor to be paid for the removal of “clean soil” if the contaminated soil is less than the 13,000 tons called out in the allowance.</p>	<p>For purposes of this project, all excess site soil is considered “contaminated”. As such, excess site soil must be disposed at an appropriate facility.</p>
144.	<p>Can sprinkler piping layouts be provided for the Ground level / tier which is designated on drawing “A-001” as being “Enclosed” and needing sprinklers?</p>	<p>Sprinkler piping layout for the entire below-grade “enclosed” parking area on the B1 tier are shown on drawing FP-200.</p>
145.	<p>Should the future retail area be provided with shell space sprinkler protection? Is so, can a sprinkler piping layout of this area be provided?</p>	<p>Mercantile Space 112 is not to have sprinkler protection until the interior tenant fit-up work is to be done.</p> <p>Sprinkler in the future mercantile area is not part of this bid.</p>
146.	<p>Building Permit Section 002113 Instructions to Bidders</p>	<p>The fire and building permit applications are in process of being</p>

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<p>page 7            The "Summary of Significant Dates" stipulates award of contract on March 23, 2018 and Substantial Completion on July 31, 2019. To establish the construction start date, could you confirm that a general building permit was issued for the garage project? If not issued, yet, what date is anticipated?            Note that this question applies to the general building permit; it is understand that other permitting is in place per Appendix H of the Project Manual.</p>	<p>reviewed by the State of Rhode island Fire Marshal and Building Officials Offices. It is expected that a permit will be issued by May 1, 2018.</p>
<p>147. 3D Model            Section 0131000 Project Management and Coordination            Could the current 3D design model be shared with bidders for informational purposes?</p>	<p>The 3D design model cannot be provided at this time.             3 D Model is not available.</p>
<p>148. Missing Drawings            Section 002113 Instructions to Bidders and Section 000115 List of Drawings            paragraph 002113-4)c) and pages 1-2 of section 000115            Regarding the requirement that bidders shall identify discrepancies: the List of Drawings includes two drawings missing from the bid set file. The file name is: Garrahy Courthse Bldg Permit Set.pdf The missing drawings are:            S-202 BUILDING ELEVATIONS            S-573 WATERPROOFING &amp; EXPANSION JOINT DETAILS</p>	<p>These drawings are intentionally not included in the set.</p>
<p>149. General Note 6 on S100 foundation plan states "Interconnecting Grade Beams and Spread Footings shall be finished in their entirety before precast is erected." Please confirm that the grade beams will be able to with stand the crane loading for erection. The slab is part of the grade beams. Does the slab need to be in too?</p>	<p>Grade beams are not currently designed for crane loads. Erection sequencing and crane locations must be coordinated with engineer. Some grade beam or foundations may be able to be placed while erection is ongoing to facilitate crane movement throughout the site.</p>
<p>150. Foundation Information Notes 2 and 4 on S100 conflict with one another. Does the footings sit on 2 foot of crushed stone or directly on the naturally deposited soil improved soil.            Note 2: All Foundations shall consist of spread footings or strip footings bearing on naturally deposited soil improved by use of rigid inclusion geopiers.            Note 4: spread Footings &amp; Strip Footings shall be installed on a 2-foot thick crushed stone or concrete pad over rigid inclusion geopiers.</p>	<p>Replace notes 2 and 4 with: All building shallow footing foundations shall bear on Engineer approved ground improvement systems. There are currently several types of proprietary ground improvement systems that may be suitable for project use, the type and constituent components of each type will vary. See Specification Section 316613 for additional information.</p>
<p>151. Please clarify if the \$0.06/sf/week City of Providence right of way occupancy permit for the use of the sidewalks/streets closed off to the public will be carried by the owner or if this is by the contractor.</p>	<p>This fee is to be carried by the contractor.</p>

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152.	Please provide the column and grid locations of the shear walls and the length of the of the shear walls at those locations.	There are 30' shear wall located at B/2, B/4, B/8, C/2, C/4 and C/8. Light walls approximately 48' in length are found between B/3 and B/7 and between C/3 and C7. There are also lateral load resisting walls at the stair tower. The main lateral load resisting walls are labeled as W1, W2, W3 and W4 on 2/S-422. Lastly, there is a concrete moment frame at the stair tower located along line D. See 1/S-442.
153.	Is the large mat at grid line 8 and column lines C to D part of the lateral restraint system? If so, which walls are part of the lateral restraint system?	Yes, the mat serves as the foundation for the shear wall at C/8 as well as the lateral load resisting members of the stair tower.
154.	Is a Unistress output available to provide column and wall service loads as well as the moments at the shear wall locations? Can this be provided?	The precaster for the project has yet to be selected but all footings have been sized by Walker with Walker's own analysis with a gross allowable bearing pressure of 8000 psf and that criteria is expected to be met.
155.	Regarding expansion joints: Stair Tower B along 8 line, the detail 1/S-570 shows a winged gland. Spec Section 079500, Paragraph 2.5. B states a cover plate that provides flexibility across stair & elevator expansion joint openings. Please advise what material should be used.	Provide a 1/4" thick x 12" wide aluminum non-slip cover plate with beveled edges and countersunk anchors at 6" o.c. at one side only anchored with 1/4" x 1 1/4" all-thread couplers epoxied in 1/2" dia. hole w/ Hilti 2411 epoxy adhesive.
156.	Do the vertical joints receive the expanding foam material at areas exposed to view in the stair/elevator lobbies?	Yes. Vertical joints at areas exposed to view in the stair/elevator lobbies are to receive the expanding foam material.
157.	Who is responsible for paying for the building permit?	The Rhode Island Convention Center Authority will pay for the building permit.
158.	Please advise if subcontractors to the General Contractor will be required to carry a minimum of \$25,000,000 umbrella insurance.	See Section 3.2.15 of the AIA Document A101 Exhibit A, Insurance and Bonds.
159.	The response to 133 does not provide clear direction to determine a cost and schedule. Please provide clear scope that is required to perform the work associated with the footing and traffic poles/foundations. It is unclear if the response requires a revised mast foundation or building foundation. If so what are those revisions? Without information on what the footing is for the mast arms and location in relation to the building it is unclear how this is to be supported during construction. If there are	Bidders should assume that the traffic signal pole and mast arm located at the intersection of Richmond and Clifford and the traffic signal cabinet located at the intersection of Richmond and Friendship, will need to be temporarily removed during

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	scheduling/permits/engineering required by the city for this work please clarify that as well.	construction of the footings. The selected contractor will coordinate this effort with the City Traffic Engineer and will be responsible for any temporary traffic control and replacement of the traffic signal equipment.
160.	In conversations with the city of providence, the city stated the temporary dewatering connection to the drainage structure across the intersection of Richmond and Clifford as proposed by the draft NOI prepared by BETA, would require the intersection to be milled and paved as it is a new intersection. This is not indicated on the plans. Please confirm that this is the requirement.	Bidders should assume that any roadway surfaces impacted by construction activities will need to be milled and overlaid, per City requirements, and should provide an overall lumps sum bid cost and a unit (per SF) bid cost for this effort.
161.	Reference A-440 Near column line 1, fascia at the stair roof is noted to be "metal fascia to match panel system (typ)". The reference detail 1A-525, identifies fascia only as "panel and sub-framing system". Please confirm roof fascia is indeed metal and not phenolic system.	Fascia and soffit at stair/elevator tower roof edge are to be clad in phenolic panel system. Aluminum roof edge flashing is to be finished to match phenolic panel system.
162.	Reference sheet A-321 The angled panels shown in details 4 and 5/A-321 will not be warranted by Trespa. I double checked with the Trespa Technical Advisor and he confirmed. They will not warrant face up panels that angle beyond vertical. This is in conflict with the spec, which requires a standard 10 year warranty.	TRESPA has agreed to provide a 10 year warranty for this project which extends to the portions installed on angles not normally covered in the Trespa Manufacturer warranty. See attached.
163.	Reference Section 074233 and exterior elevations The 3'x12' panels indicated exceed Trespa's maximum fabricated size of 10'. Panels can be up to 72"x120" or 120"x72" depending on orientation. Panels beyond this size will not be warranted. This is in conflict with the spec, which requires a standard 10 year warranty.	TRESPA manufactures Meteon Lumina panels that are 143.70" long x 73.22" wide. The intention is that these panels be cut into two typical panels for this project that are nominally 12 ft. long x 3 ft. wide in size.
164.	Reference Section 074233, Part 2, A.3 Spec calls for diffuse, specular and oblique finishes. Please confirm or provide further information.	TRESPA Meteon Lumen panel is to be color number L0964 India Brown in the three available surface finishes: "Diffuse", "Oblique" and "Specular" with a random pattern. The intention is that these three different surface finishes be evenly distributed throughout and arranged in a random pattern.
165.	The spec calls out Trespa Meteon with Lumen which is a particular line that comes in three textures (specular, diffuse, and oblique). These are all roughly the same price for material, however, the high gloss finish	See answer to question 164.

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	(specular) has more stringent deflection criteria requiring more fastening points and framing than the others.					
166.	<p><b>Answers to RFI 36 and RFI 140 conflict with one another.</b></p> <table border="1"> <tr> <td>36. Specification Section 033000 Cast in Place Concrete states Provide in Bid 10 additional tons of placed reinforcement bars or wwf for inclusion in Project as Engineer directs. Return cost of unused portion to Owner at unit price stated on Bid Form. However, there is nothing on Bid Form requiring this unit price for placing an additional 10 tons of reinforcement. Please clarify.</td> <td>The cost of this is required to be included in the contract sum in accordance with specification section 033000. There will not be a line item in the bid form for this.</td> </tr> <tr> <td>140. Specification Section 03300, Section 2.2A, requests the contractor include 10 tons of reinforcement bars in the bid to be used at the discretion of the engineer. The unused portion will be returned to the Owner at the unit price stated on the bid form. Please add a unit price section on the bid form.</td> <td>This unit price is to be shown on the bid form.</td> </tr> </table>	36. Specification Section 033000 Cast in Place Concrete states Provide in Bid 10 additional tons of placed reinforcement bars or wwf for inclusion in Project as Engineer directs. Return cost of unused portion to Owner at unit price stated on Bid Form. However, there is nothing on Bid Form requiring this unit price for placing an additional 10 tons of reinforcement. Please clarify.	The cost of this is required to be included in the contract sum in accordance with specification section 033000. There will not be a line item in the bid form for this.	140. Specification Section 03300, Section 2.2A, requests the contractor include 10 tons of reinforcement bars in the bid to be used at the discretion of the engineer. The unused portion will be returned to the Owner at the unit price stated on the bid form. Please add a unit price section on the bid form.	This unit price is to be shown on the bid form.	<p>For questions 36 and 140 the answer should be the following:  <b>The cost of this is required to be included in the contract sum in accordance with specification section 033000. There will not be a unit price line item in the bid form for this.</b></p>
36. Specification Section 033000 Cast in Place Concrete states Provide in Bid 10 additional tons of placed reinforcement bars or wwf for inclusion in Project as Engineer directs. Return cost of unused portion to Owner at unit price stated on Bid Form. However, there is nothing on Bid Form requiring this unit price for placing an additional 10 tons of reinforcement. Please clarify.	The cost of this is required to be included in the contract sum in accordance with specification section 033000. There will not be a line item in the bid form for this.					
140. Specification Section 03300, Section 2.2A, requests the contractor include 10 tons of reinforcement bars in the bid to be used at the discretion of the engineer. The unused portion will be returned to the Owner at the unit price stated on the bid form. Please add a unit price section on the bid form.	This unit price is to be shown on the bid form.					
167.	<p><b>The Architectural Renderings dated 02-12-2018 from Vision 3 Architects issued in Addendum #2, appear to show a different ramp location than the Building Permit Set of drawings dated 02-02-2018. The longitudinal building section and the longitudinal axonometric section show the ramp running from column line 2 to column line 6, when the structural drawings in the Building Permit Set show it running from column line 3 to column line 7. Please clarify the correct ramp location.</b></p>	<p>The colored architectural exterior design presentation renderings are not intended to reflect the latest internal precast superstructure. The structural drawings show the correct ramp location.</p>				
168.	<p><b>The Architectural Rendering longitudinal building section also shows five (5) bays of precast lite walls, from column line 2 to column line 7. The Building Permit Set of drawings show precast lite walls in only four (4) bays, from column line 3 to column line 6. Please clarify whether lite walls will be added between column line 2 and column line 3, or if it will remain IT girders and columns.</b></p>	<p>The colored architectural exterior design presentation renderings are not intended to reflect the latest internal precast superstructure. There are 4 bays of litewall from column line 3 to column line 6</p>				
169.	<p><b>The Architectural Rendering longitudinal building section does not show openings in the precast lite walls, whereas the Building Permit Set calls for openings in the lite walls. Please confirm that openings will be required as shown on the Building Permit Set.</b></p>	<p>The colored architectural exterior design presentation renderings are not intended to reflect the latest internal precast superstructure. Openings will be required in the litewalls as shown in the structural and architectural drawings</p>				
170.	<p><b>Clarification required regarding colored concrete.</b>  <b>Question #22 in the RFI Answer Matrix refers bidders to use the Architectural Renderings issued with Addendum #2 to determine what is required to achieve color #1 &amp; #2, however, it does not answer the question that was asked in a way that can be quantified and priced.</b></p> <ol style="list-style-type: none"> <li>1. Question #124 again directs bidders to use the colored renderings to determine the color of the concrete required.       <ol style="list-style-type: none"> <li>a. The color Rendering has a mottled coloration that varies from dark to light shades of a brownish color. Depending upon how the Rendering is viewed either on printed/paper format ... or on a computer monitor, the colors appear to be many shades different from each other.</li> <li>b. In order to price the colored concrete for this project, additional definition of the constituent materials will be needed.</li> </ol> </li> </ol>	<p>Architectural precast concrete mix design constituents cannot be provided. Architectural precast concrete mix designs are to use a combination of local colored sands and stones, grey and white cement, and colored pigments as necessary to match architect's samples. Precast color 1 is to match architect's sample of Buff Colored Indiana Limestone with a medium sandblast finish. Precast color 2 is to match architect's sample with a very heavy sandblast finish to expose the colored sands and stones.</p>				

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<p>Please provide mix design constituents to be used for bidding purposes. In the absence of Architect's samples for the two (2) colors of precast concrete needed on this project, precast bidders need to know the type of aggregate as well as color and/or blend of cement(s) and the dosage rate for color pigment.</p> <p>The following is an example of information needed for bidding:</p> <ul style="list-style-type: none"> <li>• Color #1 – use 50% white cement &amp; 50% type 3 grey cement, local sand &amp; stone, No color pigment.</li> <li>• Color #2 – use 100% type 3 grey cement with local sand &amp; stone, 2% color pigment.</li> </ul> <p>Please advise.</p>	
<p>171. The Architectural Renderings also appear to show the colored concrete for the interior lite walls as well as the interior stair tower walls. Please clarify if the interior lite walls and interior stair tower walls will receive a colored concrete mix.</p>	<p>Interior precast concrete litewalls are not required to be colored architectural concrete mix. Interior walls at Stair/Elevator Tower B which abut the glazed aluminum curtainwall system are to be colored architectural concrete mix.</p>
<p>172. Drawing S-104 has a note that specifies 12'-0" x 34" P/C double tees for the ramp between 6th tier and top tier. Drawing S-105 calls out 12'-0" x 34" P/C double tees at the top tier/roof level as well. The upper tiers of the garage are defined to be Type IIB construction (S-001 General Notes I. A. 2.).</p> <p>Based on the fire rating required for Type IIB construction, as well as this being the roof level, can a standard 34" deep double tee with a 30" stem and 4" flange be used at these roof locations, in lieu of the 4-5/8" (nominally 5") thick flange shown on drawing detail 3/S-521 ?</p>	<p>4 5/8" (nominally 5") thick flanges are to be provided at double tees for the top tier and for the ramp to the top tier.</p>
<p>173. Follow-up to question #15 from Addendum #2 (ref: Detail 2/S-541) Please confirm if a continuous ledge or a concrete corbel can be provided, in lieu of steel angle &amp; connection plates, to support the precast slabs at beams.</p>	<p>Concrete corbels can be provided in lieu of steel angle &amp; connection plates to support the precast slabs at bearing points.</p>
<p>174. SOE Outside Property Limits        Addendum No. 3        Response to #65, pp. 9-10        The response to question #65 said that the Contractor can have leeway in the location of support of excavation work as long as certain conditions were met, including staying within the property limits. The spread footings on column lines A, D and 1 all extend beyond the property line into the space under the sidewalk. Will SOE be allowed beyond the property line to complete this work?</p>	<p>There will be an easement in place that allows for the footings to extend and remain into the right-of-way.</p>
<p>175. Permissions from City of Providence        Drawing C-2 overlaid with Drawing S-100        Regarding footings located outside the property line:        1) Does the Contractor have permission from RICCA to excavate beyond the property line to install footings that extend outside the property line?</p>	<p>There will be an easement in place that allows for the footings to extend and remain into the right-of-way. Excess soil generated during construction shall be handled and disposed in a similar manner as</p>

MARCH 15, 2018

QUESTIONS		ANSWERS
	<p>2) Is a Utility Remedial Action Plan in place to allow us to cut and cap utilities that may need to be relocated during SOE installation and/or footing excavation?</p> <p>3) If the contractor's means and methods requires us to excavate outside the property line, who pays for the disposal of contaminated soils that belong to the City of Providence? Is the cost part of the \$900,000 allowance?</p>	<p>other Site soil. Responsibilities of the Owner related to contaminated soil are limited to the Limit of Disturbance for this project.</p>
176.	<p><b>RAM</b>            Drawing C-2 overlaid with Drawing S-100            Does the RAM plan include excavation beyond the property line? For example, boring B-3 located near column line A-6 is adjacent to the property line. When we excavate for the footing at A-6, we will extend into the City property. What do we do with any hazardous materials that may have migrated over the property line?</p>	<p>There will be an easement in place that allows for the footings to extend and remain into the right-of-way. Excess soil generated during construction shall be handled and disposed in a similar manner as other Site soil. Responsibilities of the Owner related to contaminated soil are limited to the Limit of Disturbance for this project.</p>
177.	<p><b>Bike racks</b>            no spec; drawing AP-100            detail 2/AP100            Bike racks are shown on detail 2/AP-100. No specifications are included in the Project Manual. Should we exclude bike racks and assume they are by the Owner?</p>	<p>Bike Racks should be excluded as they will be provided by the Owner.</p>
178.	<p>The answers to question 114 and 135 are conflicting regarding the existing site lighting. Could you please clarify.</p>	<p>The 4 existing site light poles are to be salvaged and turned over to the owner.</p>
179.	<p><b>Traffic Light</b>            Drawings C-2 and C-4            The traffic light on the corner of Clifford and Friendship Street seems to be located within the footprint of footing F-5 at column line A-1. The civil drawings do not address the traffic light. Could you provide direction regarding the temporary and final conditions of this traffic light?</p>	<p>See response #159.</p>

## BID FORM

**To:** James P McCarvill, Executive Director  
The Rhode Island Convention Center  
Dunkin Donuts Center - Third Floor  
One LaSalle Square, Providence, Rhode Island 02903

**Project:** Garrahy Courthouse Parking Garage  
75 Clifford Street, Providence, Rhode Island 02903

**Bidder:**

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Legal name of entity	Date
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Address

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Contact name	Contact email
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Contact telephone	Contact fax
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### 1. **BASE BID PRICE**

The Bidder submits this bid proposal to perform all of the work (including labor and materials) as described in the solicitation for this Base Bid Price, (including the cost for all Allowances, Bonds and Addenda):

\$ \_\_\_\_\_

(Base Bid Price in figures electronically, typed or handwritten legibly in ink)

\_\_\_\_\_  
(Base Bid Price in words electronically, typed or handwritten legibly in ink)

### 2. **ALTERNATES**

Alternates are described in Section 012300 of the Specifications. For Changing the Work to be performed under the Contract to the Work described in the Alternates, the undersigned agrees to modify its Base Bid by the following sums; which remain in effect for (90) calendar days from the bid proposal submission deadline.

**Alternate No. 1:** (Section 074233 “Phenolic Wall Panels) Provide wall panel mounting system with concealed fasteners in lieu of exposed fasteners.

\$ \_\_\_\_\_

**Alternate No. 2:** (Section 054400 Cold Formed Metal Trusses) Provide all-Aluminum truss framing support for system of phenolic wall panels and gypsum sheathing in lieu of galvanized steel truss framing support.

\$ \_\_\_\_\_

**Alternate No. 3:** (Section 057000 Decorative Metal) **Deduct** cost of One Bay of Decorative Screens shown on the North and South Elevations of the Plans.

\$ \_\_\_\_\_

### 3. ALLOWANCES

The Base Bid Price includes the cost for the following Allowances

#### Lump Sum Allowances

**Allowance No. 1:** Includes an allowance of \$900,000.00 to excavate, handle, stockpile, test, transport and dispose of 13,000 tons of contaminated soil, complete as detailed in Section 026100 – Removal and Disposal of Contaminated Soil to be invoiced based on the unit prices in Section 6.

**Allowance No. 2:** Includes a contingency Allowance of \$75,000.00 to furnish, install, operate, clean and remove supplemental treatment units associated with the Dewatering System specified in Section 312319 “Dewatering” to achieve compliance with the RIPDES Remediation General Permit issued for the project.

**Allowance No. 3:** Includes a Contingency Allowance of \$70,000.00 to furnish and install additional signage internal and external to the building and not shown on the plans.

### 4. BONDS

The Base Bid Price includes the costs for all Bid and Payment and Performance Bonds required by the solicitation.

### 5. ADDENDA

The Bidder has examined the entire solicitation (including the following Addenda), and the Base Bid Price includes the costs of any modifications required by the Addenda.

**All Addenda must be acknowledged.**

Addendum No. 1, date

\_\_\_\_\_

Addendum No. 2, date

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Addendum No. 3, date

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Addendum No. 4, date

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## 6. UNIT PRICES

**Unit prices below will be used to track removal identified in allowances. Prices identified are inclusive of all overhead and profit**

**Unit Price No. 1:** Removal and Disposal of Contaminated Soil Type A (As detailed in Section 026100). Removal and Disposal of Contaminated Soil.

\$ \_\_\_\_\_ Per Ton

**Unit Price No. 2:** Removal and Disposal of Contaminated Soil Type B (As detailed in Section 026100). Removal and Disposal of Contaminated Soil.

\$ \_\_\_\_\_ Per Ton

**Unit Price No. 3:** Removal and Disposal of Concrete

\$ \_\_\_\_\_ Per Ton

## 7. CONTRACT TIME

The Bidder offers to perform the work in accordance with the timeline specified below:

- Substantial Completion shall be no later than July 31, 2019.
- Final Completion shall be no later than September 13, 2019.

## 8. LIQUIDATED DAMAGES

The successful bidder awarded a contract pursuant to this solicitation shall be liable for and pay the Rhode Island Convention Center Authority, as liquidated damages and not as a penalty, the following amount for each calendar day of delay beyond the date for substantial completion, as determined in the sole discretion of the State: **One Thousand Five Hundred Dollars (\$1,500.00) per day.**

## 9. BID FORM SIGNATURE(S)

**This bid proposal is irrevocable for 90 days from the bid proposal submission deadline.**

**If the Bidder is determined to be the successful bidder pursuant to this solicitation, the bidder will promptly: (i) comply with each of the requirements in the Instructions to Bidders; and (ii) commence and diligently pursue the work upon execution of the contract.**

**The person signing below certifies that he or she has been duly authorized to execute and submit this bid proposal on behalf of the Bidder.**

**BIDDER**

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**Date:**

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Name of Bidder

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Signature in ink

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---

Printed name and title of person signing on behalf of Bidder

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#

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Bidder's Contractor Registration Number

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END OF SECTION

## **INSURANCE**

Reference is made to AIA Document A101 – 2017 Exhibit A as to Insurance and Bonds

Bidders are advised that the coverages set forth in §A.2.4 entitled “Optional Extended Property Insurance” being for the benefit of the Owner (the “Rhode Island Convention Center Authority”), Owner reserves the right to reduce the limits of insurance set forth in §§A.2.4.1 through A.2.4.7 at the time of Owner’s entry into the contract with the successful bidder.

## SECTION 012100

### 3.3 SCHEDULE OF ALLOWANCES (This is a revised Item)

- A. Allowance No. 1: Includes a Lump Sum of \$900,000.00 to excavate, handle, stockpile, test, transport and dispose of 13,000 tons of contaminated soil, complete as detailed in Section 026100 "Removal and Disposal of Contaminated Soil". The allowance also covers the removal and disposal of concrete foundations that may be encountered during excavation. Invoices charging to this allowance shall be paid in accordance with the unit prices in Section 012200.
1. The actual amount to be paid under this Item to the Contractor will be the price per ton, for either contaminated soil or concrete, negotiated between the Owner and the Contractor, multiplied by the total amount of material removed and disposed, complete, measured by the ton at an approved disposal facility.

## SECTION 012200

### 3.1 SCHEDULE OF UNIT PRICES

C. Unit Price No. 3: Removal and Disposal of Concrete (This is a new item)

1. Description: Excavate, handle, stockpile, test, transport and dispose concrete foundations, footings, etc. that may be encountered during excavation activities as detailed in Section 026100 – Removal and Disposal of Contaminated Soil, and as indicated on the Drawings or as directed by the Engineer. The quantity has not been determined This Item relates Lump Sum Allowance No. 1 described in Section 012100.
2. Unit of Measure: Tons of Concrete disposed.
3. Payment for this item will be made based on the verified weight slips from an approved disposal facility.
4. If the total cost for such charges is greater or less than the allowance amount stated under this Item of the Bid, a debit or credit of the difference in such cost shall be to the Owner.

## SECTION 026100 – REMOVAL AND DISPOSAL OF CONTAMINATED SOIL

### 1.4 PERFORMANCE REQUIREMENTS OF THE CONTRACTOR (Revised Item)

- F. Segregate, remove and dispose boulders and other large rocks (greater than 12-inches) encountered during excavation activities, as directed by the ENGINEER;