



**Questions and Responses
Revised
C003502**

**Hempstead Lake State Park Environmental Center
– Interpretive Exhibits
12/08/20**

No.	IFB Section	IFB Page	Question	Response
1	IFB Requirements	7	This section lists "Mandatory Requirements" and "Disrable Requirments". I did not see a break down of either. Are there specific elements that are disrable rather than mandatory?	All requirements of IFB C003502 are mandatory.
2	IFB Requirements	7	Can we bid on individual elements rather than the total installation?	In accordance with Section 3.6 Contract Signing and Term, only one contract will be awarded under this IFB. Accordingly, the Bidder and their subcontractor(s), if applicable, must satisfy all requirements.
3	10- AV/Media	1-36	Who is responsible for media content? Are they looking for content development/management along with fabrication?	Exhibit Fabricator is responsible for AV media content development/management along with fabrication, except where software is noted as supplied by OPRHP.
4	10- AV/Media	27	Are you wanting the general fabricator to be responsible for the Park App development or would the parks department find their own content creator seperate from fabrication managment?	Yes. The App reference in this contract should be a stand-alone web app that can be linked to and from the existing NY Park Explorer app. Exhibit Fabricator is responsible for content development/management and app development.
5	2- Building Bio Diversity	11	Will the fabricator be responsible for procuring the taxidermy and decorating the display (diaroma?) or will the there be a specified decorator for this? What kind of animals will these be? Are there other elements in the case besides the animal?	Exhibit fabricator is responsbile for procurrng the following taxidermy specimens with appropriate mounts for display: Case 02-02-101-CA - Taxidermy adult Opossum Case 02-02-102-CA - Taxidermy adult Snapping Turtle (Chelydra serpentina) Case 02-02-103-CA - Mounted/Pinned adult Green Darner Dragonfly (Anax junius) and Taxidermy or realistic cast replica of adult Fowler's Toad. No diorama or decorative elements are to be included in case; per drawing 02-18, rear of case is to be painted matte white.
6	1-Things to do kiosk	6	Under General Notes it states "THIS EXHIBIT HAS 2 COMPONENTS WHICH IS EX10-02 PARK MAP & EX01-03 THINGS TO DO KIOSK". Is the park map number supposed to be EX01-02?	Yes, Park Map is exhibit 01-02.

7	2- Building Biodiversity	18	The two drawings seem to contradict the placement of the felt strip. Is the strip in front of the LED strip or behind?	Felt strip is applied to the exterior of the acrylic case as a buffer between the acrylic case and MDF frame. The LED strip is also located between the acrylic case and MDF frame, closer to the rear of the case. See Detail Call out 01 on Sheet 02-18.
8	2- Building Biodiversity	19	At the bottom of the component, there is a line drawn beneath the birch frame. Is this line supposed to represent that the corian is placed underneath as well? If so, what is the plan for the access panel located in the birch?	There is corian only on the front portion of the bottom face, which projects forward for cane detection as shown in drawing. The remaining bottom surface with access panel is baltic birch. Additionally, top, front, left and right faces of rail are skinned with corian and lines shown indicate these faces.
9	2- Building Biodiversity	12	Lightboxes 02-02-211-CE, 02-02-212-CE, and 02-02-213-CE seem to be missing dimensions. What are they?	Dimensions of visible image area for these is: 02-02-211-CE: 18.53" wide x 8.75" tall 02-02-212-CE: 7.13" wide x 17" tall 02-02-213-CE: 14" wide x 5.5" tall
10	3-Beauty of Hempstead	26	Why the use of z-clips on the touch screen/graphic ledge? Is this section intended to be removable? It appears to be built in place.	Use of z-clips is to bring the two parts together. It is not intended to be removable.
11	Installation Process		Will there be a contactor electrician onsite for install or is it the responsibility of the fabricator?	All data (CAT 6) and power cables will be run by the electricians ahead of the Exhibit Fabricator install. All AV equipment to be installed and tested by the Exhibit Fabricator.
12	Installation Process		Is there a tentative start date for installation?	The contract start date is approximately 3/1/2021 and the project completion date is approximately 7/30/2021.
13	2	11	Are taxidermy specimens in Fabricator scope? If so, please provide details and specifics on desired species, mount, base, position, etc.	Exhibit fabricator is responsible for procuring the following taxidermy specimens with appropriate mounts for display: Case 02-02-101-CA - Taxidermy adult Opossum Case 02-02-102-CA - Taxidermy adult Snapping Turtle (Chelydra serpentina) Case 02-02-103-CA - Mounted/Pinned adult Green Darner Dragonfly (Anax junius) and Taxidermy or realistic cast replica of adult Fowler's Toad. No diorama or decorative elements are to be included in case; per drawing 02-18, rear of case is to be painted matte white.
14	4	32	Please provide specifics on types of soil, sand, rocks, mulch to be presented.	Approximate sizes of the material are in the bid package. Types of rock, soil (mulch) and sand should be "typical" based on on-site engineering solutions and resources found in the area for this kind of use. Mulch can be representative so it looks best as an exhibit element and does not create a cleaning problem.
15	4	31	Please provide specifics on touchable models.	Touchable models should be elements made of epoxy and where possible the actual material (rock, gravel, sand) applied. Mulch and grasses seen in the model will either need to be sculpted from Zoopoxy by polygem or embedded in epoxy - or approved equal.
16	5	36	Please provide additional specifics on type, species, level of detail and appearance of native plants and soil to be presented.	Plants are Carex (Broom Sedge) as noted on sheet 05-36. Overall appearance and detail should match Carex layer of 02-04 Filtration Station as shown on sheet 04-32.

17	6	39	Is the edge of the plywood used in fabricating the tree sculpture to have visible layers?	Visible layers on edges are acceptable.
18	6	40	Please provide additional specifics on type, species, level of detail and appearance of native plants, soil, roots, water, etc to be presented.	The grasses include carex (broom sedge) and cat tails. Mosses at the fringe. Roots should be typical of Red Maple and grasses. Level of detail should be realistic enough for model to demonstrate how roots reach into the soil and draw water out.
19	7	43	Please provide details regarding areas of relief map to be illuminated, lighted area appearance and interactive button functionality.	Per GOSR & TetraTec, the three buttons will illuminate the three regions of LWTB project: Upper (HLSP), Middle (Mill River), and Lower (Hewlett Bay). Each will have a main theme: Stormwater and environmental improvement, Water quality improvement, and tidal inundation reduction (to be confirmed by GOSR). And each will showcase its hybrid projects: one in the upper region, five in the middle, and one in the lower (also tbc by GOSR). When the button is pressed, all engineering elements in that region will illuminate with LEDs.
20	IFB	1	The preliminary schedule notes an award in December but work not commencing until March. Please advise why the gap?	The Tentative Award date noted in the IFB Timeline indicates the approximate period in which Bidders will be notified if they are/are not the tentative awardee. Contract work cannot commence until the contract is approved by the Office of the State Comptroller.
21			I saw the ad in today's NYS Contract Reporter and wanted to confirm that this is for fabrication only	Please refer to the IFB and it's content for a complete description, specifically Section 2 Service Requirements. "It is the intent of this solicitation to seek an Exhibit Contractor to provide a complete and working system to the intent stated in this Invitation for Bid at Hempstead Lake State Park Environmental Center. All equipment, labor and material required to install, document, complete and test the audio, video and related network control systems shall be provided by the Exhibit Contractor or sub-contractor."
22	2.3	Page 12	Are there any travel restrictions that would otherwise influence the location of the fabrication facility visits? i.e. if the facility were outside the state of NY.	Vendors are responsible for reviewing the guidance and adhering to the NYS Department of Health Travel Advisory requirements related to the Novel Coronavirus https://coronavirus.health.ny.gov/covid19-travel-advisory .
23	2.10	Page 15	Based on the current construction schedule, when would the exhibit fabricator be permitted to visit site for measurements?	Building will not be completed to allow for taking as-built measurements until June 2021.
24	2-22	26 Drawings	Can 02-02-700(701, and 702)-CE CEILING-MOUNTED GREAT BLUE HERON SCULPTURES be 3D printed with automotive grade paint and finish? or do they need to be fiberglass?	Alternate methods/materials may be proposed during shop drawing phase. Owner will issue final approval based on drawings, material/finish/color samples, and mock-ups.

25	2-11	15 Drawings	Is the Exhibit Fabricator responsible for the (3) Taxidermy Specimen 02-02-(101, 102, and 103)-AO, on the Building Biodiversity Wall?	Exhibit fabricator is responsible for procuring the following taxidermy specimens with appropriate mounts for display: Case 02-02-101-CA - Taxidermy adult Opossum Case 02-02-102-CA - Taxidermy adult Snapping Turtle (Chelydra serpentina) Case 02-02-103-CA - Mounted/Pinned adult Green Darner Dragonfly (Anax junius) and Taxidermy or realistic cast replica of adult Fowler's Toad. No diorama or decorative elements are to be included in case; per drawing 02-18, rear of case is to be painted matte white.
26	2-21	25 Drawings	Is the Exhibit Fabricator responsible for the LEDs to be wrapped around the pole of the light fixtures? If so, where, and how should the wiring be terminated?	LEDs strip is wrapped from bottom to top. At the top, solder the terminations at the end of the strip to wires. Connect wires to the DC power GND and positive.
27	4-31	38 Drawings	What are the "rock sculptures" and what is their expected construction?	Touchable models should be elements made of epoxy and where possible the actual material (rock, gravel, sand) applied. Mulch and grasses seen in the model will either need to be sculpted from Zoopoxy by polygem or embedded in epoxy - or approved equal.
28	6-40	49 Drawings	Does the Interior frame work of "The Work Of the Wetlands" need to be stainless construction, or , would a powder coated steel assembly be permissible?	Powder coated steel assembly may be proposed during shop drawing phase. Owner will issue final approval based on drawings, material/finish/color samples, and mock-ups.
29	7-47	58 Drawings	Who holds the responsibility for creating the Topographical map layout, and determining which areas are to be lit by LED?	Exhibit fabricator is responsible for creating topographical map layout. Parks will advise on placement of illuminated elements.
30	7-47	59 Drawings	Does the Interior frame work of "Watershed Meant to Flood" need to be stainless construction, or , would a powder coated steel assembly be permissible?	Powder coated steel assembly may be proposed during shop drawing phase. Owner will issue final approval based on drawings, material/finish/color samples, and mock-ups.
31	10-XX	72-102 Drawings	Are "Things To Do" and "Transpiration" the only interactives that will have software provided by owner?	Yes.
32	10-XX	72-102 Drawings	Is content creation to be the responsibility of owner or Exhibit Fabricator, I.e. Park pictures, Flyover, Documentary, etc....?	Exhibit Fabricator is responsible for AV media content, development/management.
33	10-27	99 Drawings	Is this app to be its own separate bid, or is it required to be part of the exhibit fabricators bid?	App should be a stand-alone web app that can be linked to and from the NY Park Explorer app. Exhibit Fabricator is responsible for content development/management and app development.
34	2-16	20 Drawings	is the black lacquer finish on millwork required or will alternatives finishes be considered?	Alternate methods/materials may be proposed during shop drawing phase. Owner will issue final approval based on drawings, material/finish/color samples, and mock-ups.
35			Are painted finishes expected to be a 3-4 stage cleared furniture grade finish?	Yes
36	6-40	49 Drawings	will alternative methods of construction be considered for the upper tree/leaf structure.	Alternate methods/materials may be proposed during shop drawing phase. Owner will issue final approval based on drawings, material/finish/color samples, and mock-ups.

37	6-40	49 Drawings	What materials are to be used to create the graphics on the base of this structure.	Sculptural wetland base should extend onto sides of exhibit base as shown in render on drawing 06-37. Underlying exhibit base should be painted to blend with sculptural model of roots, rocks, soil, etc.
38	2.16	16/17	Payment Schedule, Would it be possible to modify the payment schedule so the last 50% is split into the following: 40% due upon acceptance of substantial completion. 10% due upon completion of close out documents, training, warranty and punch list items.	Per IFB Section 2.16 Compensation Requirements, "Each milestone may be divided into smaller payments associated with deliverables identified depending on the exhibit and sequence of production. Milestones do not need to be completed in order."
39	2.3.2	12	Prototypes are mentioned in the QA section. What items require prototyping? Is there more clarity on the prototyping requirements?	The following items should be prototyped: All digital interactives; 01-04 Virtual Tour Scope; 02-02 Building Biodiversity Sample Graphic Lightbox and Acrylic Case; 02-03 Watershead Meant to Flood sample topographic region with LED illumination; 02-04 Filtration Station samples of each sculptural layer; 02-05 Work of Wetlands sample of Tree Canopy Sculpture; 02-06 Life Cycles sample of 1 touchable model
40	2.8	15	Please clarify this requirement. Can the Mock-ups described be the actual exhibits components reviewed in our shop during the production phase of the project? Inspected during the quality reviews described in IFB section 2.3.2	Yes - mockups of the actual exhibits can be used to satisfy this requirement.
41	2.7.2	14	Please clarify what elements require engineer seal. Wall mounted elements? Ceiling mounted elements?	No elements need to be stamped - drawing where this requirement was noted has been revised to exclude this requirement.
42	NA	NA	Project Schedule – will the building be under GC control when the exhibits are to be installed?	Yes
43	J	Varies	We have found several design details that we have an alternate method to produce. Some have cost implications – savings. Others are similar in price but will be user friendly for the staff at the site. Can we provide alternates? If so please confirm the format that we can provide them.	Project should be bid as designed.
44	J	10-2	Does the flyover footage exist or do we need to contract out the drone flyover producing new video? Does the season the videos are taken matter?	Exhibit Fabricator needs to provide drone footage. Park to comment on desired season.
45	J	10-5	Do the photographs exist or are we responsible for taking the photos at the site? Does the season matter for the photos?	Exhibit Fabricator needs to provide photos. Photographs to be taken within the seasons that fall within the duration of the contract.
46	J	10-8	Who is providing the historic photos? What format will the photos be provided to us in? Digital images or do we need to scan them?	Parks will provide historic photos. Exhibit Fabricator should plan on scanning them.
47	J	10-11	Do the diagrams exist for the (30) water systems? Are we to create new diagrams?	Exhibit Fabricator is responsible for creating diagrams based on information from Parks.
48	J	10-11	Do the maps exist? What format will the maps be provided in? Digital or hardcopy to be scanned?	Exhibit Fabricator is responsible for creating maps based on information from Parks.

49	J	10-11	How many animations are required? Do they exist or are they new animations we develop? What information will be provided to create the animations?	Attract loop should be approximately 30 seconds in length with 5-10 second segments of animation/video. Exhibit Fabricator is responsible for sourcing or creating all assets including animation and video.
50	J	10-12	This page starts as Bio Builder (cont'd) – is there a page missing? Not enough information here to price the media development. This page is Titled Water Atlas. What is the correct information to be on this page?	Pages were inadvertently omitted from Section 10 - AV Media treatments. Please see attached update to section 10 with full details for all digital interactives.
51	J	10-14	This page is titled "History & Community Digital Photo Album, 01-05-300, The Sheet title is incorrect. This is a Duplicate of page 10-08. Is there other information that should be provided on this page that applies to	Pages were inadvertently omitted from Section 10 - AV Media treatments. Please see attached update to section 10 with full details for all digital interactives.
52	J	10-17	What is the level of detail on the illustrations for this interactive? Can you provide similar samples to help us determine how much illustration work is required?	Illustrations are intended to be stylized and abstract.
53	J	10-20	This page is a duplicate of 10-20. Is there other information that should be on this page?	Pages were inadvertently omitted from Section 10 - AV Media treatments. Please see attached update to section 10 with full details for all digital interactives.
54	J	10-23	Transpiration Mutoscope is the Element name on the page. The item does not show up on the list on page 10-32. Please confirm this is in scope, and what hardware is required.	Transpiration Mutoscope software will be provided by owner. Exhibit Fabricator is responsible for hardware as shown on sheet 06-42.
55	J	7-47/48	Please clarify the finishes on the topographical map. Are the exposed surfaces painted? Are they one color or do the layers have different paint colors?	Topographical map is 9 layers of 0.5" Colored acrylic custom cut to topographic contours. Acrylic should be colored blue and green as needed to indicate land and water. Colors to approved by owner based on samples and mock-ups. Acrylic edges to be polished.
56	J	7.979166667	Please clarify the LED lighting in the topographical map. Where are the lights illuminating? Please provide a detail and narrative to clarify the design intent.	Per GOSR & TetraTec, the three buttons will illuminate the three regions of LWTB project: Upper (HLSP), Middle (Mill River), and Lower (Hewlett Bay). Each will have a main theme: Stormwater and environmental improvement, Water quality improvement, and tidal inundation reduction (to be confirmed by GOSR). And each will showcase its hybrid projects: one in the upper region, five in the middle, and one in the lower (also tbc by GOSR). When the button is pressed, all engineering elements in that region will illuminate with LEDs.

57	J	5-35	Please provide more information on the realistic models of animal life in cycle stages. Can you provide an example of one potential animal and the finish expectations?	Sculptures are to be approximately life-size, realistically colored and textured, and highly durable. Zoopoxy by polygem or similar material is recommended. Species are as follows: Side 1: Green Darner (dragonfly) eggs in water; Fowler's toad eggs in temporal pool; snapping turtle eggs in dry sandy soil; opossum embryo inside marsupium. Side 2: Green darner nymph; Fowler's toad tadpoles; snapping turtle baby; opossum baby. Side 3: Green darner adult; Fowler's toad adult; snapping turtle adult face; opossum adult face
58	Contract Period/Term & IFB Timeline	1	Contract Period/Term states One year upon OSC Approval While IFB Timeline states a Project Completion Date of Approximately 07/30/21. The AV production for this project would be extremely difficult if not impossible to complete as shown in the IFB Timeline. Which is the correct contract completion date?	The project completion date is approximately 7/30/2021.
59	M/WBE Contract Goals	1	[My Company] is a NYS certified WBE. Will this count for meeting the 5% WBE contract goal for this project?	A NYS certified company can receive credit for the amount of the project they retain. All subcontractors will need to be disclosed.
60			Is there a cost estimate or budget, start date or completion date for the project?	A cost estimate or budget is not available for this project. Approximate start date and completion dates can be located on page 1, IFB Timeline.
61	2.16	16	The Compensation Requirements indicate sizable percentages to be paid at completion of the Milestones. 10% after shop drawings completed, 40% after Fabrication of the Exhibit and 50% paid after Installation and Final Approval. -Can a progressive payment schedule be adopted as opposed to Milestones? -If using Milestones can they be divided into smaller deliverables to pay? -What is your definition of "deliverables"?	1. OPRHP declines the request of adopting a progressive payment schedule. 2. Per IFB Section 2.16 Compensation Requirements, "Each milestone may be divided into smaller payments associated with deliverables identified depending on the exhibit and sequence of production. Milestones do not need to be completed in order." 3. Definition of a deliverable is tangible or intangible good or service produced as a result of a project that is intended to be delivered to OPRHP.
62	General	General	Would it be possible to receive the AV and Graphic schedules in Excel form?	Yes, see attached.
63	2	page 02-09	Are there digital or physical assets for the blue herons or does fabricator sculpt from photos and design set with approvals for massing/pose?	Fabricator is to sculpt from photos and design set with approvals for massing/pose.
64	2	page 02-09	Would you consider 3D printing instead of fiberglass?	Alternate methods/materials may be proposed during shop drawing phase. Owner will issue final approval based on drawings, material/finish/color samples, and mock-ups.
65	2	page 02-09	Are the heron's realistically painted or stylized?	The heron's are to be realistically painted as stated on drawing 02-22.

66	6	Page 06-37	Is the base of The Works of the Wetlands, Sheet 06-37, under the reader rail and under the roots on the left-hand side a graphic? It doesn't seem to be listed in the graphics schedule and doesn't appear to be sculpted in the drawings.	Sculptural wetland base should extend onto sides of exhibit base as shown in render on drawing 06-37. Underlying exhibit base should be painted to blend with sculptural model of roots, rocks, soil, etc.
67	Overall	Overall	Will all the connections to ceiling, will there be mounts or Unistrut for Fabricator to tie into? Will Fabricator have to supply ceiling mounts and/or Unistrut?	Support/Blocking at the ceiling will be provided by others. Fabricator to provide cables and hook to attach to gypsum ceiling at support/blocking areas.
68	4	Page 04-30	The drawings, page 04-30, gives the look of light illuminating the outer curved bent acrylic. Does the Filtration Station have LED/Lighting?	There is no LED/lighting. Curved bent acrylic has applied translucent graphic. Graphic artwork files will be provided to Exhibit Contractor.
69	4	Page 04-32	Could you confirm that the simulated water (clear resin) only fills areas that water was "filtered/traveled" through?	This is confirmed.
70	3-watershed meant to flood		Is there a drawing depicting the length of the topographical area?	Length of topographic map is 96"; width is 50"
71	3-watershed meant to flood		What color acrylic is each layer of the map?	Blue or green to correspond with land/water.
72	3-watershed meant to flood		Are there full dimensions for the shelf/ledge with the buttons?	Rail is 11" wide with outer curve length of 107.91". See updated sheet 07-46 with additional dimensions.
73	3-watershed meant to flood	45	This designs mentions a "void" area. Does this void extend through the topographical section; meaning will the topographical section not be completely enclosed by the bending ply? If this is not enclosed, all the ribbing will be visible.	Void does not extend through topographical section. See 02 Side Elevation on 07-45.
74	3-watershed meant to flood	46	In the description of the kiosk, it mentions a 0.5" x 1.5" stainless steel tubing welded frame. Are there any detailed drawings of this frame? Or can we get a better description of the intention of this frame?	See sheet 07-48 for drawing of frame. Intention is to provide solid base for castors.
75	3-watershed meant to flood		On sheet 07-49 it indicates that the ribbing is 15" wide. On sheet 07-46 it indicates that the ribbing is 20" wide. Which is it?	07-46 does not show the ribbing at 20" wide; Note stating 20 X 0.75" Baltic Birch Plywood Ribbing Structure refers to quantity of (20). Ribbing is 15" wide as indicated on 07-49.
76	3-watershed meant to flood		What is the color for the corian on the Kiosk?	Color is to match Benjamin Moore Pike's Peak Gray 2127-50.

77	3-watershed meant to flood		Any more details on the acrylic for the topographical map: colors, where to imbed lights, etc?	Topographical map is 9 layers of 0.5" Colored acrylic custom cut to topographic contours. Acrylic should be colored blue and green as needed to indicate land and water. Colors to approved by owner based on samples and mock-ups. Acrylic edges to be polished. Per GOSR & TetraTec, the three buttons will illuminate the three regions of LWTB project: Upper (HLSP), Middle (Mill River), and Lower (Hewlett Bay). Each will have a main theme: Stormwater and environmental improvement, Water quality improvement, and tidal inundation reduction (to be confirmed by GOSR). And each will showcase its hybrid projects: one in the upper region, five in the middle, and one in the lower (also tbc by GOSR). When the button is pressed, all engineering elements in that region will illuminate with LEDs. Parks to advise on locating illuminated elements on map.
78	3-watershed meant to flood		Any drawings with full dimensions on the rail?	Rail is 11" wide with outer curve length of 107.91". See attached sheet with additional dims.
79	3-watershed meant to flood & Work of the Wetlands		the push button part # on the AV Schedule is different from the one in the drawing set. Is there a preference between the 2?	Bidder shall provide the switch as specified under Specification Section 115900 2.02B and under AV Schedule in lieu of specified model shown in drawing
80	Work of the Wetlands		In the design packet, the flip book is listed as taken care of by "others". The graphic schedule does not mention that it is taken care of. Will the Fabricator be responsible for this element?	Graphic files for flipbook will be provided by "others". Exhibit fabricator is responsible for graphic production, fabrication, and installation.
81	Building Biodiversity/Graphic Schedule		For backlit graphic 209 the image height is the same as the acrylic height. Is this meant to be 1.5" shorter than the acrylic?	Yes. Dims as follows: Acrylic: 22.75" wide x 14.06" tall; Viewable Image: 21.25" wide x 12.56" tall
82	Life Cycle		We need clarification on the (12) 3" zoopoxy sculptures in order to get a proper quote. What kind of animals and what stages?	Sculptures are to be approximately life-size, realistically colored and textured, and highly durable. Zoopoxy by polygem or similar material is recommended. Species are as follows: Side 1: Green Darner (dragonfly) eggs in water; Fowler's toad eggs in temporal pool; snapping turtle eggs in dry sandy soil; opossum embryo inside marsupium. Side 2: Green darner nymp; Fowler's toad tadpoles; snapping turtle baby; opossum baby. Side 3: Green darner adult; Fowler's toad adult; snapping turtle adult face; opossum adult face

83	Building Biodiversity		We need clarification on the taxidermy specimens in order to get a quote.	Exhibit fabricator is responsible for procuring the following taxidermy specimens with appropriate mounts for display: Case 02-02-101-CA - Taxidermy adult Opossum Case 02-02-102-CA - Taxidermy adult Snapping Turtle Case 02-02-103-CA - Mounted/Pinned adult Green Darner Dragonfly and Taxidermy or realistic cast replica of adult Fowler's Toad. No diorama or decorative elements are to be included in case; per drawing 02-18, rear of case is to be painted matte white.
84	Exhibit J - Section 04 - Sheet 04-32	39	There are multiple instances where exhibits are designed to be on wheels? What thoughts (if any) have been given to data feeds and power disconnects so you can achieve this requested portability?	Computers operating the exhibits will be housed in the server rack in the AV room. Remote extension equipment will be housed in the exhibits and will plug into the power and data locations located in the floor under each movable exhibit. See sheets 10-33 to 10-36 for AV wiring details.
85	Exhibit J - Section 05 - Sheet 05-36	44	Why are the exhibit frames planned to be built from stainless steel? This material as indicated will become a cost driver towards final budget. Would painted steel be an option to consider?	Alternate methods/materials may be proposed during shop drawing phase. Owner will issue final approval based on drawings, material/finish/color samples, and mock-ups.
86	Exhibit J - Section 07 - Sheet 07-45	56	Topo map is indicated as being fabricated from acrylic. Acrylic does not meet your FR requirements. Is there a specific reason this was designed with Acrylic in mind?	Acrylic has been deemed acceptable for this project. No FR required
87	Exhibit J - Section 08 - Sheet 08-52	64	Should Fabricator assume all HPL graphics will want to have black (not brown) resin cores and edges? This question covers all HPL graphics where thickness is required.	Yes, black resin core.
88	Exhibit J - Section 10 - Sheet 10-02	74	This has touchscreen; however, the video is listed as playing in a continuous loop. Please verify that there is no user interaction.	There is no user interaction.
89	Exhibit J - Section 10 - Sheet 10-02	74	Considering the timeframe of the project, it seems that we would only be able to shoot the panorama in one, possibly two seasons. What is the intent?	Bidders should shoot the panorama within the seasons as available during the term of this contract.
90	Exhibit J - Section 10 - Sheet 10-04	76	Should we include the 360-degree panorama photography	Yes, Exhibit Fabricator is responsible for 360-degree panorama photography.
91	Exhibit J - Section 10 - Sheet 10-05	77	Will we need to photograph the panoramic photos for this?	Yes, Exhibit Fabricator is responsible for 360-degree panorama photography.
92	Exhibit J - Section 10 - Sheet 10-07	79	Does the photography for History and Community exist, or does it require research and licensing fees?	Parks will provide photos. Exhibit Fabricator should plan for scanning of photographs.
93	Exhibit J - Section 10 - Sheet 10-15	87	Does using the Millions of Microorganism touchscreens cause something to change on the Lightboxes?	No. Lightboxes are not dynamic or interactive.
94	Exhibit J - Section 10 - Sheet 10-25	97	How will the Live feeds from USGS be provided? What format and protocol?	Assuming this question pertains to the data from the dam, this device has yet to be implemented. Parks will provide details on how to access the relevant data.
95	Exhibit J - Section 10 - Sheet 10-25	97	Is there existing video or is this to be created?	Exhibit Fabricator is responsible for AV media content development/management.

96	Exhibit J - Section 10 - Sheet 10-28	100	We would like to clarify what our scope is for the App. It is clear that we must develop content for an existing Parks Explorer App. Once produced, how will it then be inserted into the Parks App? Are we being asked to take an existing set of code, update it and republish the App? Or are we turning the material over to the Parks Explorer App developers? Or some other method?	App should be a stand-alone web app that can be linked to and from the NY Park Explorer app. Exhibit Fabricator is responsible for content development/management and app development.
97	Exhibit J - Section 10 - Sheet 10-32	104	02.06 The Work of Wetlands has a computer and touchscreen, but we do not see any description of scope in Section 10. Is there no scope for this?	Transpiration Mutoscope software will be provided by owner. Exhibit Fabricator is responsible for hardware as shown on sheet 06-42.
98	Exhibit J - Section 10 - Sheet 10-02	74	"The Beauty of Hempstead" – Flyover Video - Will members of the HLSP staff be able to provide limited additional support on drone production days in order to restrict visitor traffic in high use areas or should we budget for additional members of our own staff for flight days?	OPRHP staff will provide limited additional support on drone production days.
99	Exhibit J - Section 10 - Sheet 10-02	74	"The Beauty of Hempstead" – Flyover Video - May/should we budget for casting "on-screen" park visitors for flyover footage?	Yes.
100	Exhibit J - Section 10 - Sheet 10-05	77	Visual Tour Scope - Do all 20 panoramic images need to be taken in approximately similar light and/or weather conditions in order to unify them visually, or may they be taken under a variety of circumstances or times of day?	A variety of circumstances, seasons, times of day is acceptable.
101	Exhibit J - Section 10 - Sheet 10-08	80	History and Community - Should we budget time to be involved in the research, collection, digitizing, and sequencing of these images? If so, which archival sources will we be able to draw from?	Parks will provide photos. Exhibit Fabricator should budget for digitizing.
102	Exhibit J - Section 10 - Sheets 10-10 & 10-11	82 & 83	Water Atlas - On step #6 of the Water Atlas description (page 10-10) the caption reads "User sees photo and info about hotspot infrastructure." However, photography is not mentioned on the following page detailing the installations specifications. Would you like to see original photographs taken at each, or a subset of the 30 hotspots, or is the primary media for this installation to be diagrams and text?	Primary media is to be diagrams and text.
103	Exhibit J - Section 10 - Sheet 10-12	84	Water Atlas - The body text on sheet 10-12 begins "Bio Builder (cont'd)", however, there is no description or reference to this element previously. Is there a page missing that introduces this element, or was this one page accidentally dropped within Section 10 unintentionally?	Pages were inadvertently omitted from Section 10 - AV Media treatments. Please see attached update to section 10 with full details for all digital interactives.

104	Exhibit J - Section 10 - Sheet 10-13	85	Millions of Microorganisms - How many different species of aquatic microorganisms would you like to highlight with imagery? Did you envision sourcing/licensing these photographs/video from stock photography catalogs?	9 Microorganisms. No photographs or video intended; all animation. Please see attached update to section 10 with full details for all digital interactives.
105	Exhibit J - Section 10 - Sheet 10-28	100	Parks Explorer App - Would we be responsible for providing original photography for the HLSPs section of the app, or would this media be drawn from existing sources?	Exhibit fabricator is responsible for sourcing or producing all photography. No research has been conducted on potential existing sources.
106	Exhibit J - Section 10 - Sheet 10-25	97	Feedback from the Dam documentary - Will we be provided with a written voice-over script to produce video and audio to suit, or would you prefer that we draft the script for approval?	Documentary is intended to be a photo slideshow with 4 historical images and 6 photographs of the construction of the new dam. Parks will assist in sourcing photos, Exhibit Fabricator should budget for digitization costs. There is no audio or voice-over. Exhibit Fabricator is responsible for writing captions in conjunction with Parks.
107	Exhibit J - Section 10 - Sheet 10-17	89	Flood Simulator - Please confirm that digital assets to be designed and rendered for the following elements are all graphic and/or animation, and do not include any video or photography?	Yes, all graphics and animation. No video or photography.
108	Exhibit J - Section 10 - Sheet 10-23	95	Transpiration Mutoscope - Please confirm that digital assets to be designed and rendered for the following elements are all graphic and/or animation, and do not include any video or photography?	Transpiration Mutoscope software will be provided by owner. Exhibit Fabricator is responsible for hardware as shown on sheet 06-42.
109	Exhibit J - Section 03 - Sheets ,03-30	35	Based on location, should this banner be double sided? Is it or is it single sided?	Single Sided.
110	Exhibit J - Section 07 - Sheets 07-50	61	Based on location, should this banner be double sided? Is it or is it single sided?	Single Sided.
111	Exhibit J - Section 02 - Sheet 02-22	26	The 3 Great Blue Herons; Does the designer provide a 3D digital asset or models for fabricator to use? You have provided the length of the Herron, what are the other dimensions you anticipate for wing span/body, etc. Can we assume they are identically painted? Or do you want to match the 3 unique color schemes for the birds contained in the art work reference.	Fabricator is to sculpt from photos and design set with approvals for massing/pose. Herons are to be painted realistically in similar color schemes.
112	Exhibit J - Section 02 - Sheet 02-12	16	The Building Biodiversity wall; The dimension string 2nd from top. What is the gap in this dimensioning string for? It equals 1.65"	Gap is inadvertent. Dimensions are intended to locate position and length of Title Lettering only.
113	Exhibit J - Section 07 - Sheet 07-46	57	The 1" pipe railing; in Detail #1 the pipe railing is called out as Steel but in Detail #2 the pipe railing is called out as Stainless Steel. Which is the correct material to be used?	Detail #1 Steel, Black Powder coat is correct.

114	Exhibit J - Section 07 - Sheet 07-48	59	The Watershed meant to Flood: We additionally referenced the Custom Element Schedule (page 110) that indicated 9 layers of colored 0.5" acrylic. What are the colors of 0.5" acrylic that meet the design intent?	Blue and green to correspond with land/water.
115	Exhibit J - Section 07 - Sheet 07-48	59	The Watershed meant to Flood: We additionally referenced the Custom Element Schedule (page 110) that indicates embedded LEDs. The detail of where the LED's are attached and how they play with the acrylic is unclear. What do the LED's intend to illuminate?	Per GOSR & TetraTec, the three buttons will illuminate the three regions of LWTB project: Upper (HLSP), Middle (Mill River), and Lower (Hewlett Bay). Each will have a main theme: Stormwater and environmental improvement, Water quality improvement, and tidal inundation reduction (to be confirmed by GOSR). And each will showcase its hybrid projects: one in the upper region, five in the middle, and one in the lower (also tbc by GOSR). When the button is pressed, all engineering elements in that region will illuminate with LEDs.
116	Over-all	N/A	Will the exhibit designer provide a 3d model, cad or other source drawing documents?	No.
117	Exhibit J - Section 02 Sheet 02-19	23	BUILDING BIODIVERSITY - Can Baltic birch be substituted with similar? Can we use laminate instead of paint on the light boxes? Pg. 23--Corian frame drawn at 3/4", called out as 1/2" - which is correct?	Alternate methods/materials may be proposed during shop drawing phase. Owner will issue final approval based on drawings, material/finish/color samples, and mock-ups. Corian thickness is 0.5"
118	Exhibit J - Section 05 Sheet 05-35	43	Life Cycles - Can we use laminate instead of paint?	Alternate methods/materials may be proposed during shop drawing phase. Owner will issue final approval based on drawings, material/finish/color samples, and mock-ups.
119	Exhibit J - Section 07 Sheet 07-45	56	Watershed Meant to Flood - Can we use laminate instead of paint? Will the file be provided for the topographic map along with placement of the LED'S and color layers? Different call outs for 1" Stainless Steel with Black Powder coat—please clarify	Alternate methods/materials may be proposed during shop drawing phase. Owner will issue final approval based on drawings, material/finish/color samples, and mock-ups. Exhibit Fabricator is responsible for production of the topographic map file, based on placement information provided by Parks. Detail #1 Steel, Black Powder coat is correct.
120	Invite to Bid	1	Timeline vs Contract Period/Term: the TIME LINE period of performance for detailing and fabrication seems to be 5 months. But the Contract Period /Term - appears to be 1 year from award? 03/01/2021 -to -02/28/2022. Please clarify what the actual schedule is.	The contract start date is approximately 3/1/2021 and the project completion date is approximately 7/30/2021.
121	9	38969	We see power and blocking are to be installed by others but who is responsible for the final connection?	All final connections to be provided by a licensed electrician hired by the exhibit installer.
122			Is there a loading dock at building site?	There is no loading dock at this site.
123			Are exhibits installed on ground floor?	All exhibits will be installed on first floor accessible from the street/parking.
124			What is smallest access into exhibit space?	Access to the exhibits from the exterior of the building is 6'-0" wide (double doors).
125			What is floor finish in exhibit space?	The floor finish is seamless epoxy.

126			What is floor to ceiling height?	The floor to ceiling height varies. The low point (north side) is 17'-6" and the high point is 19'-3" (south side).
127			What type ceiling is in exhibit space?	The ceiling is painted gypsum wall board.
128			Is there an excel file created for the graphic schedule?	Yes, see attached.
129	3	03-28	Do you have a manufacturer for the viewer or is this all custom?	This is custom.
130	3	03-23	Wood grain is shown in different directions. Please confirm this is what is intended.	Yes, please follow grain direction as shown in render.
131	Custom Elements	sheet 11-01	<p>Please provide additional information on items listed below:</p> <p>a) 02-02 Building Diversity - Provide taxidermy specimens for 02-02-101-AO, 02-02-102 -AO, 02-02-103-AO</p> <p>b) 02-04 Filtration Station - Provide specifics on the five filtration models</p> <p>c) 02-06 Life Cycles - Provide specifics on the twelve animal Life Cycle Models</p>	<p>a) Exhibit fabricator is responsible for procuring the following taxidermy specimens with appropriate mounts for display: Case 02-02-101-CA - Taxidermy adult Opossum Case 02-02-102-CA - Taxidermy adult Snapping Turtle (<i>Chelydra serpentina</i>) Case 02-02-103-CA - Mounted/Pinned adult Green Darner Dragonfly (<i>Anax junius</i>) and Taxidermy or realistic cast replica of adult Fowler's Toad. No diorama or decorative elements are to be included in case; per drawing 02-18, rear of case is to be painted matte white.</p> <p>b) Touchable models should be elements made of epoxy and where possible the actual material (rock, gravel, sand) applied. Mulch and grasses seen in the model will either need to be sculpted from Zoopoxy by polygem or be actual specimens embedded in epoxy - or approved equal.</p> <p>c) Sculptures are to be approximately life-size, realistically colored and textured, and highly durable. Zoopoxy by polygem or similar material is recommended. Species are as follows: Side 1: Green Darner (dragonfly) eggs in water; Fowler's toad eggs in temporal pool; snapping turtle eggs in dry sandy soil; opossum embryo inside marsupium. Side 2: Green darner nymph; Fowler's toad tadpoles; snapping turtle baby; opossum baby. Side 3: Green darner adult; Fowler's toad adult; snapping turtle adult face; opossum adult face</p>
132	IFB - Para. 2.1	10	Where can we find details/information about the "bag dispenser" listed in the scope?	Single Bag Dispenser, Acrylonitrile Butadiene Styrene (ABS) Mfr. Model # BG001-0212
133	IFB - Para. 2.3.1	12	Which, if any, of the exhibit elements require an engineer's stamp on the drawings?	The exhibit fabricator is not required to provide any stamped drawings. The specification that referenced this requirement has been revised.
134	IFB - Para. 2.7.5	14	Can paint samples be submitted on MDF or the plywood materials specified in the drawings instead of HUD (e.g., Baltic birch or maple)? Do metal samples need to include a weld? Do Corian samples need a seam?	Paint samples be provided on specified woods. Metal samples should include a weld and corian samples should include a seam.

135	IFB - Exhibit D	104	What are the dimensions of the smallest opening in the building the exhibits will travel through at time of delivery?	Access to the exhibits from the exterior of the building is 6'-0" wide (double doors). The exhibit space is off the building vestibule.
136	Exhibit J	06-38 & 39	The drawing on page 06-38 shows a corner connector between the two slanted rails/kiosks but it isn't shown in the following pages. Is the corner connector required and what is the finish if it is?	Connector is required as shown on 06-38. Material is same Baltic Birch, finish should be same sculptural treatment as exhibit base.
137	Exhibit J	06-40	Will 2D electronic files be provided for each of the 16 maple plywood "tree branches" and the "Acer Rubrum leaves"?	No.
138	Exhibit J	06-40	What is the height of the ceiling in the exhibit space and what will the support cables attach to at the ceiling? If Unistrut, who is responsible to provide and install it and what will it attach to?	The floor to ceiling height varies. The low point (north side) is 17'-6" and the high point is 19'-3" (south side). Support/Blocking at the ceiling will be provided by others.
139	Exhibit J	06-40	The notes at the bottom right of the page call for a stainless steel tube frame. Is stainless steel required or are A513/A500 structural steel tube or aluminum tube acceptable alternates?	Alternate methods/materials may be proposed during shop drawing phase. Owner will issue final approval based on drawings, material/finish/color samples, and mock-ups.
140	Exhibit J	06-40	The note at the bottom right calls for Baltic birch plywood ribbing. Is Baltic birch required for framing that can't be seen?	Alternate methods/materials may be proposed during shop drawing phase. Owner will issue final approval based on drawings, material/finish/color samples, and mock-ups.
141	Exhibit J	06-40	What is the material and finish for the exterior of the base structure? Does the scenic finish from the top extend down the sides? If this is scenic and not paint, please define the requirements for the appearance (e.g., graphic print, textured 3D scenic dirt and roots, etc.).	Sculptural wetland base should extend onto sides of exhibit base as shown in render on drawing 06-37. Underlying exhibit base should be painted to blend with sculptural model of roots, rocks, soil, etc.
142	Exhibit J	06-41	What are the dimensions and quantities of the leaves for the tree?	Individual leaves should range from 3-4 inches in length, plus a stem (1-2") and branch (5-6"). Quantity per bunch should vary from 4-6, and each branch should have 5-7 bunches. The intent is to create a full canopy.
143	Exhibit J	06-41	What native grass(es) would you like to use on the scenic display?	The grasses include carex (broom sedge) and cat tails. Mosses at the fringe. Roots should be typical of Red Maple and grasses. Level of detail should be realistic enough for model to demonstrate how roots reach into the soil and draw water out.
144	Exhibit J	06-42 & 43	Various notes on the drawings label the sides and front of the rail as 0.5" HPL graphic by others. Should this be black Corian instead of HPL?	These are intended to be 0.5" HPL graphics. They have been added to the graphic matrix.
145	Exhibit J	06-42 & 43	Does the face of these rails have a 3/4" Baltic Birch top painted black with a 1/4" HPL Graphic inset into it as a bezel?	Yes.
146	Exhibit J	06-42 & 43	Will 2D electronic files be provided for the laser cut air vents?	No.

147	Exhibit J	07-46	Please provide a lighting diagram with layout paths for the topo map model to include shapes/lengths for each lighting run, the acrylic layer(s) involved for each run and which button controls which run(s).	Per GOSR & TetraTec, the three buttons will illuminate the three regions of LWTB project: Upper (HLSP), Middle (Mill River), and Lower (Hewlett Bay). Each will have a main theme: Stormwater and environmental improvement, Water quality improvement, and tidal inundation reduction (to be confirmed by GOSR). And each will showcase its hybrid projects: one in the upper region, five in the middle, and one in the lower (also tbc by GOSR). When the button is pressed, all engineering elements in that region will illuminate with LEDs. Parks to advise on locating illuminated elements on map.
148	Exhibit J	07-46	Will 2D electronic files be provided for the (9) layers of acrylic for the topo map? With pathways for LED lighting?	Exhibit fabricator is responsible for creating topographical map layout. Parks will advise on placement of illuminated elements.
149	Exhibit J	07-46	What are the specs for the layers of acrylic on the Topo map (brand(s) & colors)?	Topographical map is 9 layers of 0.5" Colored acrylic custom cut to topographic contours. Acrylic should be colored blue and green as needed to indicate land and water. Colors to approved by owner based on samples and mock-ups. Acrylic edges to be polished.
150	Exhibit J	07-48	Is stainless steel required for the frame under the base? Are A513/A500 structural steel tube or aluminum tube acceptable alternates?	Alternate methods/materials may be proposed during shop drawing phase. Owner will issue final approval based on drawings, material/finish/color samples, and mock-ups.
151	Exhibit J	07-48	The backs of the kiosks on the topo map display are visible. What material do you want for the backs (e.g., painted maple, Corian)?	See 07-49. 0.75" Maple Veneer Plywood Painted w/ Bengamine Moore Pike's Peak Grey 2127-50
152	Exhibit J	08-52	Is stainless steel required for the graphic mounting plates? Is aluminum or steel acceptable alternates?	Alternate methods/materials may be proposed during shop drawing phase. Owner will issue final approval based on drawings, material/finish/color samples, and mock-ups.
153	Exhibit J	Section 9	Does the exhibit fabricator have any scope related to electrical and blocking? If yes, please define.	Power, data devices, and blocking will be provided by others. Final connections of exhibit items to be provided under this contract by the selected Contractor.
154	C003502 - Graphics	11	Who is responsible for the creation and delivery of Camera or Production Ready Art?	Exhibit Fabricator is responsible for AV media content development/management along with fabrication, except where software is noted as supplied by Owner.
155	C003502 - Graphics	11 / 14	Is a content proof set required from Production Ready Art?	Length of topographic map is 96"; width is 50".
156	C003502 - Graphics	11 / 14	In what format should the proof set be provided? PDF or Hard Print	PDF for content proofing; Hard Print for color samples.
157	C003502 - Graphics	11 / 14	If changes are to be made from the proof set inspection, who is responsible for updating the production files?	Exhibit Designer.
158	C003502 - Graphics	11 / 14	Will the production ready art be created with PMS assigned colors included in the files?	Yes.

159	C003502 - Graphics	11 / 14	How many PMS colors are in the design package that need color matching?	Design package colors have not yet been finalized.
160	C003502 - Graphics	11 / 14	Regarding HPL or equivalent, is any approved National Park Service product acceptable, specifically ImageLOC panels by Gopher Sign Co.?	Alternate methods/materials may be proposed during shop drawing phase. Owner will issue final approval based on drawings, material/finish/color samples, and mock-ups.
161	064100	102	Are the Fenchel Lamp Shades in area 2 opaque or translucent like Duratrans?	They are translucent.
162	C003502 - Graphics	11	Regarding the Vinyl Graphic Banners, without a section view it is difficult to see if there is a stiffening support in the top of the Banner. Should the item be priced to accommodate a rod or other product to keep the banner laying flat along the horizontal?	Yes, price based on inclusion of a stiffening rod.
163			Is there an excel file created for the graphic schedule?	Yes, see attached.
164	2.5	13	For the development of exhibit software, we have a number of pre-existing software libraries we utilize to facilitate interactive exhibit development. The terms of the IFB suggest that the IP for these libraries may be considered part of the work for hire if incorporated into a deliverable, even though they were not developed under contract and would not require a license if incorporated. What is your policy on utilizing pre-existing libraries with regards to IP ownership? Note that the alternative to using these libraries is to develop with a "clean-room" approach, where only code developed under contract would be used.	Pre-existing libraries may be used if, at minimum, (1) perpetual, irrevocable, royalty-free licenses or permissions for the pre-existing material are secured on behalf of and provided to the State of New York, and (2) with the State of New York's or their representative's written consent.
165	03	23	01-01-300 is listed as a 55" touchscreen, but neither the description nor the AV Detail refer to any touch interactivity, nor does the 4k video extender include USB. Is a touchscreen required?	Yes, touchscreen is required for uniformity of display quality across this and other monitors in the exhibit.
166	04	30-33	Description refers to "A Digital Display shows guests animations of the filtration process...". No associated electronics or drawings reflect the presence of a digital display. Is this still present?	No, this digital display and content have been removed.
167	10	03	Please confirm that this description is specifically related to the Things to Do Kiosk and not The Beauty of Hempstead exhibit.	Correct, it is related only to the "Things to Do" kiosk.

168	10	03	Regarding "Software provided by owner": Assuming this is regarding the Things to Do Kiosk, what form is the software? Is it a website, a PC software application previously created for use in a touchscreen kiosk, or something else? In particular we are interested in knowing if a) the application has been developed for use in a touch environment b) is designed to run locally on a PC c) incorporates standard exhibit-type modes such as time-outs, attract loops and/or calls-to-action.	Software and content for the "Things To Do" kiosk will be supplied by Parks. This is not in the Exhibit Fabricators scope. a) Yes, it has been developed for use in a touch environment. b) It is designed to run on a PC located in the server rack. c) Yes, it incorporates these exhibit-type features.
169	10	08	Regarding "30 historic photographs to be found": a) Have likely sources for these photographs already been identified? b) If so, has the topic of rights and licensing costs been breached or should all respondents assume a fixed budget for rights and clearances?	Parks will provide photos. Exhibit Fabricator should budget for digitizing.
170	10	12	Bio Builder description seems incomplete. Can the full description be provided?	Pages were inadvertently omitted from Section 10 - AV Media treatments. Please see attached update to section 10 with full details for all digital interactives.
171	10	05	Is a small all-in-one touch tablet using a digital compass (instead of the PC with a usb rotary encoder) a viable substitution for this exhibit's hardware? (pending prototyping)	The server rack based PC is specified in the AV Schedule on Section 10 of Exhibit J.
172	10	14	This page seems to refer to the content for the History and Community Photo Album. Are content details (list of specific microorganisms to feature?) available for the Millions of Microorganisms presentation?	Pages were inadvertently omitted from Section 10 - AV Media treatments. Please see attached update to section 10 with full details for all digital interactives.
173	10	17	For the simulator, is installation pricing and statistical data related to the flood mitigation solutions to be provided?	Exhibit Fabricator is responsible for AV media content development/management for the simulator. Parks to advise on flood mitigation solutions but Exhibit Fabricator will need to conduct research and content development.
174	10	23	Regarding "Software provided by owner": Assuming this is regarding the Transpiration Mutoscope, what form is the software? Is it a website, a PC software application previously created for use in a touchscreen kiosk, or something else? In particular we are interested in knowing if a) the application has been developed for use in a touch environment b) is designed to run locally on a PC c) incorporates standard exhibit-type modes such as time-outs, attract loops and/or calls-to-action.	Software and content for the "Mutoscope" will be supplied by Parks. This is not in the Exhibit Fabricators scope. a) No, this is not a touch screen interactive. It is operated by the push-buttons. b) It is designed to run on a PC located in the server rack. c) Yes, it incorporates these exhibit-type features.
175	10	23	What percentage of new footage will be required for the documentary?	Documentary is intended to be a photo slideshow with four (4) historical images and six (6) photographs of the construction of the new dam. Parks will assist in sourcing photos. Exhibit Fabricator should budget for digitization costs. There is no audio or voice-over. Exhibit Fabricator is responsible for writing captions in conjunction with Parks.

176	10	23	Regarding the data feeds: a) Is an API available? b) If so, what protocol (REST, SOAP, etc.) does the API use? c) Is the data accessible via TCP/IP or is it within a BACnet (or similar) environment? d) Have security concerns/issues regarding a public-facing exhibit network accessing the dam data systems already been addressed internally?	Assuming this question pretains to the data from the dam, this device has yet to be implemented. Parks will provide details on how to access the relevant data after contract has been awarded.
177	10	27	Has the agency responsible for developing the Parks Explorer App already been approached with regards to incorporating the new content? Are they amenable? Do they provide a means for outside developers for submitting information to include in the app such as a Content Management System or a file format for submitted data? Note that on review aside from linked PDF files, the app does not seem to support sub-pages with images. Has the agency indicated they are able to incorporate such content?	OPRHP owns and developed the Parks Explorer App and will work with the fabricator to integrate their materials into the existing Parks Explorer App - noting that the Exhibit Fabricator for this contract is responsible for content development/management, app developemt and then final coordiation with the Agency's existing Parks Explorer app.
178	10	ALL	Do any of the A/V presentations incorporate audio? The only system with a speaker is the 55" display for The Beauty of Hempstead and it's described as being on continuous loop.	There is no audio.
179			Will the exhibit fabricator be responsible for contracting an electrical contractor, or will one be contracted by the State Park/GC?	Exhibit Fabricator is responsilbe for contracting with any and all trades needed to complete their work.
180			Is a payment/performance bond required for this project?	A payment/performance bond is not require for this project.
181			Is union labor or prevailing wage required for this project?	As specified in Section 5.20 Prevailing Wage / Payroll Certification of the IFB, preavailable wage is applicable.
182			Will the State Park be providing production ready graphic files upon notification of award?	Yes.
183			For the "Watershed Meant to Flood" Interactive is the idea to press the buttons and use a lighting effect to show flow of water?	No. Per GOSR & TetraTec, the three buttons will illuminate the three regions of LWTB project: Upper (HLSP), Middle (Mill River), and Lower (Hewlett Bay). Each will have a main theme: 1) stormwater and environmental improvement, 2) water quality improvement, and 3) tidal inundation reduction (to be confirmed by GOSR). Each will showcase its hybrid projects: one in the upper region, five in the middle, and one in the lower (also to be confirmed by GOSR). When the button is pressed, all engineering elements in that region will illuminate with LEDs.

184			For the "Watershed Meant to Flood" Interactive what does each interactive button simulate?	Per GOSR & TetraTec, the three buttons will illuminate the three regions of LWTB project: Upper (HLSP), Middle (Mill River), and Lower (Hewlett Bay). Each will have a main theme: Stormwater and environmental improvement, Water quality improvement, and tidal inundation reduction (to be confirmed by GOSR). And each will showcase its hybrid projects: one in the upper region, five in the middle, and one in the lower (also to be confirmed by GOSR). When the button is pressed, all engineering elements in that region will illuminate with LEDs.
185	1.3	8	Regarding the required Project References (3) within the last five years. Is it possible to refer to international project, or do they need to be within the United States?	Yes, an international project reference may be used.
186	2.1.6	11	Regarding the production of AV / Media materials. Are all contents provided by the Education Center or the contractor, or both, and if so which percentage is expected? For example Videos, pictures, texts.	As stated in the contract documents - written content to be provided by the Agency to the low bidder - photos and videos and other materials are to be provided by the Exhibit fabricator as specified.
187	2.2	11	Which version of the NYS Building Code and ADA Standards should we use?	Utilize the most current - as of now that is the 2020 NYS Building Code
188	2.1	15	Are there electrical outlets available for installation?	Yes - electrical power supply from the building electrical supply will be in place for the Exhibit Fabricator to make their connections as shown on the bid documents.
189	2.1	15	Is the contractor in charge of hiring a garbage truck or similar for the removal of material waste and construction debris?	Yes
190	2.12	16	What is your contingent plan if there is a delay in the site construction and it is not ready for the exhibit installation?	There will not be a delay.
191	2.3.2	12	Our exhibits are fabricated in Mexico City, is there any issue if fabrication takes place outside US?	International bidders may respond to the IFB as long as they meet all the requirements.
192	Exhibit F SECTION 115900 - EXHIBIT EQUIPMENT	115900 - 1	Regarding LED Light Boxes, power supplies are not mentioned on the HLSP Exhibit Drawings. Would this be provided by the electrical contractor or should be considered within the scope of our work?	Electrical items shown on the exhibit documents shall be provided by the an electrical contractor hired by the exhibit fabricator. Electrical items to be provided by others are noted - all other electrical items are to be provided by Exhibit Fabricator.