



**Invitation to Bidders (ITB)
Terminal B Renovations
Addendum 2**

Release Date: July 21, 2021

Bid Opening: Submitted proposals will be acknowledged through a public teleconference. There will be no in-person meeting. If you would like to participate in the public teleconference, please send correspondence to TerminalBITB2021@esd.ny.gov by 12:00pm on July 27 so the conference call information can be forwarded through email.

The following is a list of responses to questions submitted by prospective respondents to ECHDC Invitation to Bidders Terminal B Renovations. A copy of the ITB is available at:

<https://esd.ny.gov/doing-business-ny/requests-proposals/terminal-b-renovations-invitation-bidders>

Canalside Terminal B Renovations ITB - Responses to Questions

No.	Question	Answer
1	Do you have an estimated value for the GC contract? What is the engineer's estimate for the Phase 1A Civil Work?	Erie Canal Harbor Development Corporation will not be providing the estimated amount for the various bid packages.



No.	Question	Answer
2	<p>The multiple contract summary shows fire alarm as part of the GC scope of work. Is this correct, as this work would typically fall under the electrical prime contract?</p>	<p>Fire Alarm work is included with the Electrical Trades Scope of work - Line item 34. The Specification Matrix will be updated accordingly to show the Fire Alarm division (284621) to be exclusively part of the Electrical Bid Package.</p> <p>Electrical Trades Package - Scope of Work - 34. Provide all labor and materials for the fire alarm system as specified. Provide devices, modules, wiring for connection to the fire alarm. Provide controls and wiring to interface with HVAC systems for shutdown and control. Provide controls and wiring to interface with security & access systems for shutdown and control. Provide controls and wiring to interface with smoke & fire/smoke dampers for shutdown and control</p>
3	<p>Electrical. Drawing LE101A, Site conduit runs are not identified as to which are direct burial, or which may be duct bank (concrete encased), please clarify.</p>	<p>Specification 260543 states that all conduit is direct buried unless crossing a paved path, walks, driveways, roadway, or railroad, or otherwise indicated on the drawings. Exact locations of concrete encased conduit will vary based on where these crossings take place. General crossing locations can be seen on LE101A and LE401A.</p>

No.	Question	Answer
4	<p>Layout Plan. Drawing L201A. Shows Asphalt Paths at widths of 12' which a paver can be used for installation. The Heavy-Duty Pavements taper down to an 8' width making this area "hand work". Can this area be adjusted so that all HD pavements are installed with an asphalt paver?</p> <p>Site Detail Plan L505A, Detail B1 – Mill & Overlay. The detail references the use of Fiberglass Grid Reinforcing System. There are no specifications or material information found for this application in Section 32 12 16 Asphalt Paving. If required, please provided detailed information.</p>	<p>The width of heavy-duty pavements will remain as documented.</p> <p>Add the following sections to Section 321216 Asphalt Paving:</p> <p>2.1 D. Paving Geotextile: AASHTO M 288, nonwoven polypropylene; resistant to chemical attack, rot, and mildew; and specifically designed for paving applications.</p> <p>1. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, the following:</p> <ul style="list-style-type: none"> a. Tensar International GlasGrid 8501TF. b. Propex Petromat. c. Approved equivalent. <p>3.5 Paving Geotextile Installation:</p> <p>Place paving geotextile promptly according to manufacturer's written instructions. Broom or roll geotextile smooth and free of wrinkles and folds. Overlap longitudinal joints 4 inches (100 mm) and transverse joints 6 inches (150 mm).</p> <p>Protect paving geotextile from traffic and other damage and place hot-mix asphalt paving overlay the same day.</p>
5	<p>Synthetic Turf Grasses to be used in the "VIP Lawn, and "The Green". The specification provided under Section 32 18 16 is for putting greens. The specification details product not to be installed under 45 degrees for 48 hours, the proposed scheduled details installation in late October to mid-November. As stated in the pre-bid this area is poor to poor weather conditions.</p>	<p>In Section 32 18 16, Delete Paragraph 1.3 A in its entirety.</p> <p>The contractor will need to prioritize installation of this product to accommodate installation within the specified weather conditions and limitations</p>
6	<p>With asphalt pavement installations schedule as late as Nov. 2022, can an index price be incorporated into the bid if escalations of oils and materials occur?</p>	<p>An index price will not be provided for this proposal submission.</p>

No.	Question	Answer
7	How will the invasive species present on the project be addressed?	The invasive species removal will be addressed during the project through a separate scope/package which will either be funded through a separate contract or contingency funds.
8	<p>It is unclear where the proposed fence is located on the back of the existing Terminal that was mention in the pre-bid. Has underground exploration taken place along the shoreline behind the Terminal? The chain link fence detail is for foundation in subgrades suitable to auger holes. This may be impractical along a sheet pile wall used for mooring ships and concrete slabs under asphalt.</p> <p>TCCo Comment: There is an additional fence that continues north of the building that is indicated on A101A, but indicates to reference the Civil drawings. C110A indicates to refer to the Architectural Plans, and is shown on the Landscape plans but not detailed. Please provide supplemental information for this barrier.</p>	<p>The guardrail extending from the existing concrete wall to remain to the edge of the quay wall has been further clarified in the revised sheet A202A, which is attached. This railing is to match the infills at the concrete wall to remain, with embedded posts instead of bolted posts.</p> <p>There are two fencing systems that are to be installed on the water side of Terminal B.</p> <p>The first is the debris fence, which the extents are indicated on SL-1 (Site Logistics Plan) which is included as 011100-Exhibit B within the specification manual. The water's edge debris fence is a 6' chain link fence fastened to the top of a concrete jersey barrier, as per special provisions 011100 - 4.8. This fence does not require Auger holes as the barriers will be placed on the existing surface. This fencing will be removed at the conclusion of the contract.</p> <p>The second barrier is indicated on the construction drawings- This is the guardrail extending between the concrete wall to remain, as indicated by note 3 on A101A. This work is part of the General Trades Package.</p>



No.	Question	Answer
9	<p>When we originally downloaded the documents from the NYS Contract Reporter, it stated "if required, to register your firm for any changes". See below:</p> <p>Downloading or printing a bid solicitation does not constitute registration to bid with the soliciting agency for this procurement. Failure to register, if required, releases the soliciting agency from any and all responsibility for advising the Registered User of any changes to the bid solicitation, or to the existence of supplemental information which may become available."</p> <p>We did not see that requirement, however we want to make sure that any notifications and addendums, etc. are sent to my attention. Please let me know if there is someone I need to register with to make sure we receive all future notifications.</p>	<p>A potential bidder does not need to register with the soliciting agency. All bid documents, including supplemental information and addendum, can be accessed through the NYS Contract Reporter and the following ESD website: https://esd.ny.gov/doing-business-ny/requests-proposals/terminal-b-renovations-invitation-bidders</p> <p>A potential bidder is also welcome to notify ECHDC through the following email that is listed in the Information to Bidders: TerminalBITB2021@esd.ny.gov</p>



No.	Question	Answer
10	Is there any type of bonding requirements such as bid bond or performance and payment?	<p>Bid Guarantee: Each bid shall be accompanied by an acceptable form of bid guarantee in an amount equal to ten percent (10%) of the amount of the base bid payable to the Erie Canal Harbor Development Corporation as a guarantee that if the bid is accepted, the bidder will execute the Contract within ten (10) days after the notice to proceed. Failure to submit a bid bond or certified check with bid will result in automatic disqualification of bid.</p> <p>The Prime Contractor shall obtain bid and performance bonds directly from a Surety Company with a minimum rating by A.M. Best of (A-) in the "Best's Key Rating Guide". The surety firm must be licensed to bond construction projects in the state of New York. The Prime Contractor and/or subcontractor(s) must demonstrate the experience level for the various work elements.</p>
11	Who is responsible to remove the existing materials onsite (stone, driftwood, gravel, etc.)	<p>All remaining items onsite will be the responsibility of the sitework contractor to remove. Stone/gravel may be used as clean per the specifications. Driftwood is to be removed. Any items remaining inside of Terminal B will be the responsibility of the General trades contractor.</p>

No.	Question	Answer
12	<p>The following paragraph in section 011100 Special Provisions (p. 12) calls for disposing of ALL demolished materials. Specification section 017419 Excavated Soil and Construction Waste Mgmt and Disposal allows for beneficial use of non-contaminated materials, which can be buried in our berms.</p>	<p>Special Provisions Section 4.10 Site Spoils and Debris shall be modified as follows (Additions are bold and italic:</p> <p><i>With the exception of the beneficial use of non-contaminated materials allowable for fill in the berms as identified in specification section 017419,</i> All demolished materials (i.e. concrete, UG piping, storm/sanitary structures, foundations, asphalt paving, rock, debris, demo material, equipment, etc.) shall be immediately trucked off site and legally disposed of. No stock piling of materials <i>which will not be reused</i> will be allowed on site. Unless otherwise noted on the contract documents, all existing excess topsoil and subgrade removed during excavation(s) activity is to be removed off site. If the specifications require the reuse of existing excavated soils/subgrades, the storage of unused soils shall be coordinated with the Owner <i>and construction manager</i> for acceptable locations prior to the Contractor stockpiling the materials.</p>
13	<p>Specifications call for Bobrick to be manufacturer for Toilet/Shower room accessories. The toilet accessories schedule calls for Bradley Corporation to manufacturer for Toilet/Shower Accessories. Which company is to be used for the Toilet/Shower accessories?</p>	<p>The toilet accessories schedule includes the basis of design products from Bradley Corporation. The specifications identify Bobrick or other approved equal manufacturers that are able to be provided. Both are acceptable manufacturers (but not limited to only those two manufacturers), as long as accessories meet the requirements of the basis of design products in the schedule.</p>



No.	Question	Answer
14	<p>Specification 051200 calls for the steel fabricator and erector to be AISC certified. This only allows for (1) company in WNY to price this project. Can this requirement be waived and stated as 5-10 years experience will be acceptable? Doing this will allow for an MBE company to price this project.</p> <p>Follow up question: If I am interpreting correctly, a non AISC Certified Shop and Erector would be able to bid the structural steel under the Alternate Structural Steel Spec 051201 and not the Structural Steel Spec 051200.</p> <p>Is that how you see it? Is the overlook steel canopy on drawing LS200A (Alt #1) considered Structural or Miscellaneous?</p>	<p>The requirement for AISC Certification for the fabricator will remain as per spec. A non AISC Certified erector will be permitted to bid on the project for the main canopy (Specification Section 051200) Structural Steel.</p> <p>For the follow-up question: Specification section 051201 applies only to the overlook steel canopy on drawing LS200A (Alternate #1). Fabrication and erection of steel for the primary canopy at Terminal B must follow the provisions of 051200.</p>
15	<p>It states on the "Attachment #6 - Debarment Certificate B", that any subcontractor (regardless of tier) that has a price over \$100,000 is to submit this. Do you need all of these certificates on bid day, or can we submit within 24-48 hours after bid has been sent in? We won't know till the last minute who is low, so there is a chance we would submit all that we received on bid day in lieu of just submitting the certificates for subcontractors which we included in our pricing.</p>	<p>Submit certificates of subcontractors included in the bid proposal. Additional or updated documents will be requested as necessary during review of the proposal submission.</p>
16	<p>The bid form does not provide a place for the unit costs. Some of the unit costs are applicable to this bid package since the General Trades are responsible for Excavation and Backfill of the foundations.</p>	<p>Unit pricing has not been requested from the General Trades bidders, and will not be required on the bid form.</p>



No.	Question	Answer
17	<p>1. Spec 07 7253 Snow Guards states "shared". Wouldn't General Trades be fully responsible for this spec?</p> <p>2. The following specs are listed for the General Trades, however they are not listed in the Table of Contents; 31 100, 32 100, 33 001, 51 201, 55 001, 61 001, 61 500, 10 1400.</p>	<p>1. Snow Guards will be the exclusive responsibility of General Trades. This has been deleted from BP-04 - Electrical.</p> <p>2. These specification section can be located in volume two of the specs.</p>

No.	Question	Answer
18	<p>1. Article 12, Section 12.5.m.: States that Professional Liability Insurance is required. The General Trades contract will not be stamping any drawings, etc, except for where Delegated Design is required. Can I assume this Professional Liability Insurance is not required?</p> <p>2. Article 21.1: It states that CADD as built's will be required. Will backgrounds of the drawings be provided at no cost or will there be a cost? More than just the floor plan and RCP will be required in order to assemble these as-built's.</p>	<p>Follow Insurance requirements as listed in the Information to Bidders, Section IX Contractual Requirements, Paragraph xi. Additional insured should also include Erie Canal Harbor Development Corporation, New York State Parks, Recreation and Historic Preservation, City of Buffalo, and Be Our Guest.</p> <p>Question 2: Specifications section 013100 1.5 states that:</p> <p>A. Use of Architect's Digital Data Files: Digital data files of Architect's BIM model and CAD drawings will be provided by Architect for Contractor's use during construction.</p> <ol style="list-style-type: none"> 1. Digital data files may be used by Contractor in preparing coordination drawings 2. Architect makes no representations as to the accuracy or completeness of digital data files as they relate to Contract Drawings. 3. Digital Drawing Software Program: Contract Drawings are available in AutoCAD 2018 and/or Revit 2019 for Microsoft Windows. 4. Contractor shall execute a data licensing agreement in the form of Agreement form acceptable to Owner and Architect. <ol style="list-style-type: none"> a. Subcontractors, and other parties granted access by Contractor to Architect's digital data files shall execute a data licensing agreement in the form of Agreement acceptable to Owner and Architect. 5. The following digital data files will be furnished for each appropriate discipline: <ol style="list-style-type: none"> a. Floor plans. b. Reflected ceiling plans.

No.	Question	Answer
19	Specification 01 3233; 1.5.A. States that we need to hire a professional photographer to take so many photos per week and at substantial completion. Can this be done by the project manager assigned to the project or are you requiring it to be a professional photographer?	Photographs can be taken by the assigned project manager.
20	Specification 01 3200 - 1.5.A.1. States that Primavera P6 is to be used for scheduling. Will Microsoft Project be acceptable?	Primavera P6 will be required for scheduling. A single platform was selected to help integrate project schedules from multiple contractors.
21	<p>Specification 01 1100</p> <p>1. 6.0/6.4.A. - Will there be a cost for Procore to be used by the prime contractors? If so, can you please advise on the cost?</p> <p>2. 7.0/7.6 - The temp heating and cooling states that the General Trades Contractor is to provide portions of this work and other portions by the Mechanical Contractor. Shouldn't everything be by the Mechanical Contractor? Spec 01 1200, 1.4.D. states all of this work is by the Mechanical Contractor.</p> <p>3. 7.0/7.14 -</p> <p>a. Who is responsible for the building survey layout? General Trades or Site?</p> <p>b. Who is responsible for the site as built survey drawing which needs to be provided to the City of Buffalo for the C of O? General Trades or Site?</p>	<p>1. There is no cost for Procore for Prime Contractors to use the project site.</p> <p>2. The temporary heating and cooling will be the exclusive work of the Mechanical Trades Contractor. The note in the second paragraph for the General Trades Contractor will be replaced.</p> <p>3. Sitework Contractor is responsible for initial site survey and establishment of benchmarks/control lines for all trade contractors to utilize. Layout of these control lines is the responsibility of each contractor. The note for the general trades contractor to re-establish moved or lost control points will be changed to Sitework Contractor in 011100 Section 7.14. With Respect to the scope included with Specification section 017300 - The Sitework Contractor will be responsible to provide Benchmarks, Control Points, Building Lines and levels (all work included in section 3.3 Para A-E . The sitework contractor will also be responsible to provide the final property survey and certification as per 017300-3.4 Para D and E.</p>

No.	Question	Answer
22	<ol style="list-style-type: none"> 1. Who is responsible for the building pad work? General Trades or Site? 2. Who is responsible to remove the spoils from the pile work operations? General Trades or Site? 3. Why is General Trades responsible for the excavation/backfill work? 	<p>1. The General Trades contractor is responsible for all excavation and backfill, including all stone required from subgrade or compacted structural fill below the footings of foundation walls, retaining walls and thickened slabs. The General trades contractor will be responsible to bring the grade of the backfilled areas outside of the concrete slab back to the original elevation prior to excavation (IE at the locations of the main canopy and storage room adjacent to the asphalt to remain. It will be the Site Work contractor’s responsibility to fine grade, and replace the asphalt at these locations along with the mill and overlay work.</p> <p>2. It will be the General Trades contractor’s responsibility to remove the spoils from the pile work operations. Please note that Specification section 017419 Excavated Soil and Construction Waste Mgmt. and Disposal allows for beneficial use of non-contaminated materials, which can be buried in our berms.</p> <p>3. Scoping for Excavation and Backfill for the General trades work will remain.</p>

No.	Question	Answer
23	<p>Specification Section 01 1200:</p> <p>1. Site Work Scope: Item C, #14 - States the "General Contractor...". I assume this is supposed to say "Site Work Contractor".</p> <p>2. General Trades Scope of Work: Spec 01 1200, 1.5.A.13. States concrete equipment bases by General Trades, however on the General Trades Scope of Work #3, item #3 states General Trades to exclude this work. Which is correct?</p> <p>3. The General Trades Scope of Work (Item L.4.) states that they are to install access panels provided by the M/E/P trades for installation. Can you advise how many should be included for installation as we do not know how many will be required.</p> <p>4. The General Trades Scope of Work (Item J.6.) states that the fire-stopping work should be single sourced for all trades and General Trades to include. Item A.11. for the Mechanical Contractor states they should include their own fire-stopping. Additionally, if General Trades is to include, we do not know how many penetrations need to be included as the M/E/P's are not part of our work. Please advise</p>	<p>1. No, this reference is correct. The powder coated metal on the front of the dock leveler infill will be furnished and installed by the General Trades Contractor.</p> <p>2. Housekeeping concrete pads will be installed by the trade requiring them. Housekeeping pads for Mechanical trades work is excluded by the General Trades Contractor.</p> <p>3. A quantity will not be provided. The MEP trades will turnover any required for installation by the General Trades.</p> <p>4. Fire Stopping work will be required by each of the trades performing their own work. This note in the general trades scope will be modified accordingly.</p>
24	<p>"Exhibit C-Specification Matrix" shows spec section 316213 Steel Piles in the Site Work listed as Exclusive.</p> <p>The General Trades scope of work assigns Steel Piles to this bid package.</p> <p>Please verify that spec section 316213 is in the General Trades Package.</p>	<p>Steel Pile work is part of the General Trades Package. The Specification matrix will be updated accordingly to move section 316212 From BP-01 to BP-02.</p>

No.	Question	Answer
25	Who is responsible for the proposed knee wall with architectural railing as shown on C-110A and associated architectural plans?	<p>The railing that extends North from the concrete knee wall to the sheet pile quay wall has been further clarified in the revised sheet A202A, which is attached. This railing is to match the infill railings, with embedded posts instead of bolted posts.</p> <p>The railing with the extents noted on C110A and further shown on A101A and A202A are the responsibility of the General Trades Package, including all railings identified with key note 3 and 4 on A101A. The knee wall is existing concrete to remain after the demolition of the exterior wall.</p> <p>The chain link fence outside of the building footprint on the south side of the building will be by the Sitework Contractor (extents as per the Civil Drawings)</p> <p>The work inside of the building footprint for chain link fencing, guardrails, railings, bollards, etc. noted by key notes 12, 13, 14, 15 on A101A are all by the General Trades Contractor.</p>
26	May you please confirm if the entirety of the steel for the canopy & catwalk is galvanized?	<p>The structural steel for the canopy is to be primed for painting per Section 099600. The catwalk and catwalk guardrails are to be galvanized. Section 055213 calling for Stainless Steel pipe and tube railings was not intended for the catwalk guards.</p>

No.	Question	Answer
27	<p>The Invitation to Bid states that we need to submit the following information for a complete proposal to an email address.</p> <ul style="list-style-type: none"> o Appendix A - Bid Forms o Appendix B - Project Manual o Appendix C - Construction Documents o Appendix D - Schedule A o Appendix E - Lien Waiver - Contractor Final o Appendix F - Lien Waiver - Contractor o Appendix G - Lien Waiver - Subcontractor Final o Appendix H - Lien Waiver - Subcontractor o Appendix I - Required Forms List <p>Some of these files are very large. Does ECHDC/ESD have the ability to open a drop box link? I'm worried that I email the above files, they will not be received due to their size.</p>	<p>To clarify the submission, the proposal should include all items listed under Section VI, Part i and an Appendix A Bid Forms. The submission requirements are also identified in the Appendix I checklist. Appendices B through H do not require inclusion with the bid proposal. They are for information only. Appendices C through H will be utilized within the approved contractor's agreement.</p>
28	<p>Will you please confirm the site lighting poles, elto1, elto2, elto3, elto4 site lighting is furnished by other than the electrical contract and interior lighting by electrical contract?</p>	<p>Site Lighting Poles are by the electrical contractor. Refer to scope of work note 011200.4.C.3. Interior Lighting is also by the electrical Contract - Scope of work item 011200.4.C.13</p>
29	<p>Is the site contractor also responsible for the interior underground conduits shown on e401a?</p>	<p>Electrical contractor is responsible for all interior excavation work. For all conduit within the building footprint (existing and new) the electrical contractor will be required to perform their own excavation and backfill as per Scope of work item 01200.4.C.8</p>

No.	Question	Answer
30	<ol style="list-style-type: none"> 1. Drainage Plan LCU111A. The table references information for Catch basins (CB), but does not detail Drainage structures (DS) that are shown on plans. Also provide a detail for (DS) not shown on LCU511A. 2. Drainage Detail A2, LCO511A shows the structure at varying widths, same detail identifies structure as NYSDOT Type "S" this does not have a varying width, precasters have a specific mold. 3. Project was mentioned to have combined storm/sewer lines, do all drainage structures require hoods? Provide detail. 4. Drawing L101A on the north side of the Terminal details for the existing hydrant to remain. Drawing C110A says to replace 	<ol style="list-style-type: none"> 1. Detail added showing pipe connections and rim adjustment for DS. 2. Detail updated with correct width. 3. Is this question referring to combined as storm + sanitary? If so, there are no combined sewer lines within the project. 4. Defer to utilities engineer. <p>See attached Terminal B Drainage Plan and Detail Sheet.</p>
31	<p>Clarify the extent of metal panel and concrete wall demolition at the north wall of Terminal B.</p>	<p>See attached revised drawings AD101A and AD201A</p>

Attachments: A202A 210716
L301A Grading Plan r01
Terminal B Drainage Plan and Detail Sheet
AD101A
AD201A
011100 Exhibit C - Specification Matrix Updated