

<b>Parcel 77 Auto Import Terminal</b>					
	Contract No. 070770	CONTACT: Juli Tuson, Contracts & Procurement Analyst			
	Project No. <a href="#">202010.01 101247.01</a>	<a href="mailto:procurement@portoftacoma.com">procurement@portoftacoma.com</a>			
<b>DATE OF ISSUE QUESTIONS AND ANSWERS:</b> <a href="#">June 8, 2018</a>					
Question #	BIDDER QUESTIONS	PORT RESPONSES	Question to Port Date	Response Issued - Date	Attached Document
1	Are you requiring construction management or project management services for this bid request?	<a href="#">Bid the documents as you see them.</a>	5/16/2018	5/21/2018	
2	[ ] may want to bid this project but I'm not finding some of the information within the specs. Bid Form (Section 00 41 00).	<a href="#">Please see Addendum 01.</a>	5/17/2018	5/21/2018	
3	How many projects need to be submitted and I can't find the Project Example Sheets? The specs say the Project Example sheets are part of Section 00 45 13 but I'm not finding them.	<a href="#">There is not a form for Project Example Sheets. Project Example Sheets are required by the winning firm when completing the Responsibility Detail Form.</a>	5/17/2018	5/21/2018	
4	It appears that the bid form, section 00 41 00, has been omitted from the specifications. Please advise if the Port will be posting the bid form.	<a href="#">Please see Addendum 01.</a>	5/17/2018	5/21/2018	
5	We are registered to bid on the Parcel 77 Auto Import Terminal project. We do not see Spec Section 00 41 00 – Bid Form. Also, Spec Section 00 43 13 – Bid Security Form prints only half of a page. How can we obtain these forms?	<a href="#">Please see Addendum 01.</a>	5/17/2018	5/21/2018	
6	I noticed that Specification Section 00 41 00 Bid Form is not included in the contract documents for the Procurement 070770, Parcel 77 Auto Import Terminal. Are you issuing these documents separately?	<a href="#">Please see Addendum 01.</a>	5/17/2018	5/21/2018	
7	Spec section 00 41 00 Bid Form was not included in the project manual. How can we obtain this form?	<a href="#">Please see Addendum 01.</a>	5/18/2018	5/21/2018	
8	Do Landscape bids need to be turned in through a general contractor or can a licensed/bonded landscape company submit their own bid just for the landscape portion of the project.	<a href="#">All bids should be submitted to a General Contractor</a>	5/21/2018	5/23/2018	
9	Just to be sure, the pre-bid meeting tomorrow is at 3400 Taylor Way, correct? And are the plans available for purchase?	<a href="#">Prebid is at 1 Sicutum Way, Tacoma WA. Site tour will be after meeting</a>	5/22/2018	5/23/2018	
10	Will the bid date of June 13 <sup>th</sup> be extended?	<a href="#">We do not anticipate extending the bid date at this time.</a>	5/29/2018		

11	Can CAD files be made available on this project? It would be extremely helpful.	CAD files are available on the Port FTP site. Files include, among others: 6579-C-C01-PLAN.dwg, Grading Plan and finish grade surface; 6579-X-C02-PLAN.dwg, surface features plan; 6579-X-C03-PLAN.dwg, paving plan; 6579-X-SD01-PLAN.dwg, drainage plan; 6579-X-U01-PLAN.dwg, utilities plan; 6579-XEX-V02-SURVEY.dwg, topographic survey and existing grade surface.	5/29/2018		
12	Electrical drawings E1.6 and E1.7 show conduit and wiring going to Hotboxes. Are these Hotboxes in the electrical scope of work to supply and or install? If so, please provide a detail and a specification for the items to be provided and installed.	Refer to sheet U1.14 and Specification Section 33 10 00	5/30/2018		
13	Q 1: (Pre-bid agenda, Section 3 d 1 & 2) d. Contract Time starts at Contract Execution: 1. Phase 1 Substantially Complete: December 15, 2018 2. Substantial Complete: July 31, 2018 (Is this correct?)	Substantial completion is July 31, 2019. Refer to Section 00 52 00 Agreement form.	30-May		
14	Can you please direct to the portion of the specification containing the source of funding?	The specification does not provide the source of funding.	30-May		
15	Upon reviewing the first few drainage plans (Sheet C2.0 and on) I have concerns regarding piping and structure sizing and connection types. They are as follows: Per plan (Sheet C2.0) note #5 all pipe (unless otherwise noted on plans) is to be CPEP (Corrugated Polyethylene pipe) 15" CPEP is not allowed to connect with a Type 1 structure per WSDOT Detail B-5.20-02 (dated 1.26.17) due to the knockout size, which relates to structural integrity. Metal pipe, Solid wall PVC & Profile wall PVC are the only 15" pipes allowed to connect to Type 1 structures. 15" CPEP has an average OD of 18". Per the aforementioned WSDOT detail, 12" CPEP (OD of 14.5") is the largest size of this material type to enter a Type 1 *Please clarify/verify this information	Refer to Addendum 04. 15" CPEP pipes shall have a compression gasket fitting to allow installation on Type 1 structures	5/30/2018		

16	Per plan (Sheet C2.0) note #10 and Sheet C2.6, note #6, flexible "boots" are required. Kor-N-seal boots (and similar products) are not (typically) appropriate for structures smaller than 48" diameter due to wall thickness. *Please clarify/verify this information	Refer to Addendum 04, all pipe penetrations for catch basins, manholes and vaults shall have compression gasket fittings or flexible boots. Compression gasket fittings may be used for structures smaller than 48-inch diameter.	5/30/2018		
17	The Port is supplying storm water detention vaults for this project. Would you please provide the weights of those vaults?	The total weights of the treatment vaults vary from 57,000 to 60,500 pounds. Each vault will have a top and a base section. The heaviest base section, with the weirs in place, will be 40,500 pounds. Top sections will be 20,080 pounds.	5/30/2018		
18	Since this project will be over \$1 million, is the subcontractor form required by RCW 39.30.060 to be included in the bid documents? If so, is the Port providing this form?	Yes. An Amended Bid Form is forthcoming in Addendum 04.	5/30/2018		
19	Is it anticipated that all excavated materials are to be used as onsite fill (ie, does not leave the site) inclusive of any trench excavation that is displaced by pipe and pipe bedding?	Yes.	5/31/2018		
20	What is the loading requirement for the electrical and data vaults?	HS-25 loading	5/31/2018		
21	Do you have a detail for the Port of Tacoma Standard Handhole/Manhole Covers?	There is no Port standard for handhole or manhole covers.	5/31/2018		
22	Within the storm treatment vaults there is a call out on the plan view, sheet C2.22, for VCP screen covering media. Is there a requirement for mesh size or wire thickness for this product? How is the VCP to be installed within the cages?	Refer to Addendum 04 for material and tie information	5/31/2018		
23	The filtration media that is to be placed inside the media cages is a fine graded material. The perforations in the PVC pipe is larger than the particle size of the filtration media. Are the pipes to be filled with filtration media material or is the material to remain outside the pipes? If it is to remain outside of the pipes, how is the material to be prevented from entering the pipes?	Perforated pipes shall include a sock, refer to Addendum 04	5/31/2018		
24	Are there any other dimensions given for the media cages besides the 2.72' height indicated on Sheet C2.22 of the plans? If not, are the dimensions to be scaled off of the drawings? There are elevations listed under the title, Treatment Vault in the lower right corner of Sheet C2.22, but I don't see the corresponding letters within the plans of the vault. Are these shown somewhere that I am missing?	Refer to Addendum 04. Additional dimensions of the cages have been provided. The lettered dimensions in the lower right are shown in Section B, they primarily relate to the precast structure components which will be provided by the Port.	5/31/2018		
25	There is a note on the plan view of the vault on Sheet C2.22 that indicates that a wall mount for the unistrut is to be mounted 11' above the floor of the vault. Is this dimension a misprint?	Refer to Addendum 04, dimension revised to 11"	5/31/2018		
26	What is the required mixing proportions of the three items that are used to make up the filtration media?	Mixing proportions included in Addendum 04	5/31/2018		

27	On sheet C2.33, the plans show the storm crossing of Alexander Ave. In the drawing there is a depiction of an existing railway track. How is the pipe to be installed under this railway line?	Refer to Addendum 04, Drawing C2.30, track shall be disassembled by Contractor and materials stockpiled nearby. Track shall be reinstalled by others following storm drain construction and trench backfill.	6/1/2018		
28	<p>Specification section 33 10 00 2.01 4          "...meeting the requirements of ANSI/AWWA C110..." (This is a "full-body" fitting). It then continues, "...mortar lined in accordance with ANSI/AWWA C104 or C153."          C153 designates a "compact" fitting and, as previously mentioned, C110 denotes a "full-body" style fitting. It is C104 only, which outlines the requirements for mortar lining.</p> <p>May I ask that you please clarify this specification as soon as possible? C110 fittings often carry extended lead times and greater expense, as well C110-specific accessory kits.</p>	Refer to Addendum 04	6/1/2018		
29	<p>Specification section 33 10 00 2.01 B 1          "...meeting the requirements of AWWA C900 Class 200."          In 2007 C900 PVC was reclassified. Prior to 2007 this specification meant DR14. Today, based strictly on the "class" (pressure) rating, this would be appropriate for DR18.</p> <p>May I ask that you please clarify this specification as soon as possible?</p>	Specification refers AWWA C900 Class 200, meeting the requirements of DR14.	6/1/2018		
30	On sheet C2.22 there is a detail of the Northern Treatment Vaults. There is pipe going between the various catch basins and vaults. Not all of the pipe runs have sizes, dimensions or slopes. Would you please provide this information?	Pipe sizes and slopes are labelled generically for east-west pipes and north-south pipes, refer to detail.	6/4/2018		
31	On sheet C2.1, there are roof downspout lines that run from the building to an 8" storm line. Pipe dimensions are not given on this drawing for the downspout lines. What is the pipe size? Also, is the site contractor tying into the building contractor's roof drains or is it the other way around? If the builder is tying into the site contractor than should the roof drain stubs be left 5' from the building with marker boards to locate the connection point?	All processing building downspout pipe shall be 8". The building contractor will provide roof drain stubs 5' from the building with connection points marked.	6/4/2018		
32	On sheet C2.1 at the Processing Building, there is a note that says, Typical of 28, referring to the downspout tightlines. I only count 18. Which is the correct amount?	28 is correct. See C2.1 and C2.3.	6/4/2018		

33	Page E1.1 Electrical Notes #4, Wood Pole supplied and installed by Electrical Contractor; Please clarify height, grade and any other specifics of said pole. Reference drawing Page E1.17 Detail #4.	See Addendum 04. Pole was eliminated.	6/4/2018		
34	Page E1.16 Electrical One Line Diagram: Panel and Equipment counts Qty. (14) Page E1.22 Electrical Panel Schedules Qty. (4) do not reflect panel and equipment counts on E1.16.	See Addendum 04. Additional equipment is provided under separate contract.	6/4/2018		
35	Page E1.1 Medium Voltage Power Distribution Plan: Utility Feeder #3 Electrical Notes #5; • How many 4" conduits? 2 or 4? Page E1.16 calls out 2-4"	2 - 4" conduits are called out in the body of each drawing	6/4/2018		
36	Page E1.3 Fixture count on the 4' Bollards is (36). Are these also provided by owner? I do not see them on the owner supplied Fixture proposal sheet per Graybar Electric.	They are not on the list, however the Port will provide the fixtures.	6/4/2018		
37	There is a catch basin depicted on sheet C2.2 just outside of the south drainage plan detail. The type, size, rim and invert are not listed. Plus, it is not shown on the detail of the south drainage area on sheet C2.31. Would you please give the information for this structure?	See addendum #4, sheet C2.31 for structure clarification.	6/4/2018		
38	Should all subdrains be perforated High Density Polyethylene pipe with Class 2 perforations ? and it seems that Perforated PVC pipe is the intended material for Track Subdrains ?? is that correct ?	Subdrains, including sub drains at tracks, shall be perforated HDPE per Specification 33 40 00	6/4/2018		
39	In the plans there is a reference to, "work within city ROW, refer to City of Tacoma Permit Nos. RCON18-0038 & WO18-0050". Are there separate drawings for the work in this area?	Yes, for the purpose of permitting only.	6/5/2018		

40	<p>On plan sheet C2.2 and C2.3 there is some 21" SD pipe called out. 21" is not available in the Corrugated HDPE smooth interior wall pipe (N12) specified for much of the storm drain.</p> <p>21" IS available in the PVC SDR 35 F679 pipe also specified and shown on the profiles for some sizes -- Because of this we will either need to up-size the 21" to 24" if HDPE (N12) is used OR</p> <p>provide PVC SDR 35 F679 for that pipe. PVC is considerably more expensive. Please clarify.</p>	<p>We would accept 24" HDPE for those pipe segments</p>	6/5/2018		
41	<p>I would like a little clarification on the bio-swale planting. On the L – sheets there is ECS seeding along each bio-swale. Then on the Civil plans it shows a detailed planting. Is this planting along the swale to be seeded or mulched? And does it go the stretch of each bio-swale marked on the L pages? Then at the base of the bio-swale the detail in Civil shows what looks to be seed. Is there a seed mix going in at the base of the bio-swale?</p>	<p>Seed mix shall be placed at the base of each bioretention strip and the bioretention area. Side slopes shall be planted per detail on C2.29. ECS seeding shall begin at the top of each bioretention strip and bioretention area and extend to the limits as shown on the L1.0-L1.5.</p>	6/5/2018		
42	<p>Can recycled crushed surfacing base course be used?</p>	<p>Material submitted for use as crushed surfacing shall meet the testing, reporting, and certification requirements per specification 32 11 23.</p>	6/6/2018		
43	<p>Sh E1.19: Is the intent of Detail 2 on E1.19 "Typical Communications &amp; 600v Ductbank Construction" to be a joint use trench that the communication and power conduits share? Or are the communication and 600v ductbanks to be in separate trenches? If so, what's the separation between ductbanks?</p>	<p>Comm and 600V will share the same ductbank, separate conduits. The conduits will split to separate handholes.</p>	6/6/2018		
44	<p>Sh 1.13: What is the intent for wire in conduit runs that are capped 5' from building foundation? For example (PP-204) includes (3) 3" w/ 4#600, #3/0G. How are we supposed to install enough wire for the final connection when it's capped short of the building? Is that wire to be furnished and installed by others?</p>	<p>See Addendum 04. This wire will be purchased and installed under the Buildings contract.</p>	6/6/2018		
45	<p>Sh 1.13: There is a conduit run without a tag running from LP-2 to M-201. How should we bid this? (1) 2" Spare?</p>	<p>See Addendum 04. Spare conduits have been assigned.</p>	6/6/2018		

46	<p>Sh 1E1.16: The electrical one-line shows various electrical equipment that does not appear on any of the other electrical drawings. Please confirm that these are included in other contracts associated with this contract?</p> <p>- Equipment in question: 30kva Xfmr ** Guard House North Panel "RP" 60A</p> <p>- Equipment in/near Body Shop: "DP-BS" 800A ** "LP-BS" 225A ** 45kva Xfmr **; "RP-BS" 125A</p> <p>Processing "DP-1" 1600A ** Car Wash 400A Panel ** Fuel Panel "RP" 60A</p> <p>- Equipment in/bear Maintenance: "LP-M" 200A ** 45kva Xfmr ** "RP-M" 125A ** Guard House South Panel "RP" 60A</p>	See Addendum 04. Additional equipment is provided under separate contract.	6/6/2018	
47	Sh E1.21: Will fixtures supplied by the owner include the "Smart Photocontrols" that are shown to be installed on each fixture on sheet E1.21 for the Lighting Control System?	Per spec all lighting control components shall be provided by contractor. Fixtures provided by the Port will include sockets for WIFI controls.	6/6/2018	
48	Sh E1.23: Addendum #2 included a BOM from Graybar for the light fixtures that are to be supplied by the owner. However the (36) 4' Bollards are not included. Please confirm that ALL Fixtures will be provided by the owner.	They are not on the list, however the Port will provide the fixtures.	6/6/2018	
49	Plan sheet U1.1 shows 2 oil/water separators but one says " included by others" ? does that mean contractors are only to provide the one designated U58 ?	Correct.	6/6/2018	
50	Who is responsible for the installation of water meters on the site?	See U1.0-U1.5 note 10.	6/6/2018	
51	Can you please provide me the CAD files for this project?	Survey and final grade CAD files have been provided.	6/6/2018	
52	Please provide depth of ballast at tracks	Minimum ballast below ties is 12 inches, actual depth varies due to slope of subgrade below tracks. Refer to section on Drawing C3.8 for subgrade high point and low point elevations. Refer to Addendum 05.	6/8/2018	
53	On sheet C1.11 the detail for the parking stalls shows "XYZ" at the end of each row of stalls. Do you know what the 3 digit 12" line numbering sequence will look like for the stalls? Will there be rows that have less than 3 digits or will some of the rows have the same sequences?	Assume 001-xyz 3 digits on every stall	6/8/2018	