

**Listing of Materials, Technical Specifications, and Quantity**

Item number	General Category	Proposed Supplier	Item Description	Part Number	Quantity	Public Interest comment	PSC	NAICS
1	ELEVATOR	TKE	Elevator Conveying Equipment	TKE Endura 21B type elevators (2)	2	The specified elevators manufactured by TKE in the United States and would qualify as compliant manufactured products under the Build America, Buy America Act as they are sourced from approximately 80% domestic components. Steel traceability is not available for every component of these complex manufactured products. None of the contacted manufacturers are able to comply with FHWA's Buy America requirements.	9999	333921
2	ELEVATOR	Bell & Gossett	Elevator Sump Pump	Bell & Gossett Elevator sump pump model ELKT2EC0512 (2)	2	The sump pumps are required by code for each elevator pit. There are no alternative means or products that could be utilized and achieve the same results. None of the contacted manufacturers are able to comply with FHWA's Buy America requirements.	4320	333914
3	HVAC	Siemens	HVAC controls	Siemens Apogee Direct-Digital Control (DDC) System for HVAC	1	Due to FHWA interpretations, a waiver is required for parts of this system including the enclosures and some minor electrical components of the system. This is one part of the project in which a propriety product was required to be specified for this project. The City's current DDC system is through Siemens, and this project is required to integrate with the City's existing DDC/Building Management System (BMS). It would be impractical, expensive, and not in the public's interest to deviate from the Siemens system that the City already operates.	4520?	334512
4	HVAC	Taco	Hydronic pumps	Taco base mounted pumps model FI2511D	2	They are integral to the hydronic HVAC system, and there are no alternative means or methods to employ that would eliminate their use. These were ordered very early in the project and are in the possession of the mechanical subcontractor. These are also a long-lead item at 16-24+ weeks from time of approved submittals. None of the contacted manufacturers are able to comply with FHWA's Buy America requirements.	4520	333414
5	HVAC	Geniox (Systemair USA)	Energy recovery ventilator: Dedicated Outside Air System	Geniox GNX10 ILDH 02EC1 NCHW2 and GNX10 IRDH 02EC1 NCHW2	2	These are integral to the HVAC system as part of the Library Commons portion of the project, and would not operate without them. The project team is still searching for compliant alternatives, however we have not yet been able to find any that meet FHWA's requirements along with the project requirements for size, capacity, efficiency, and Passive House certification. None of the contacted manufacturers are able to comply with FHWA's Buy America requirements.	4520	333413
6	HVAC	LG	Split system A/C	LG split system air conditioners	6	FTA gave waiver for these manufactured products in 2017. There is no known domestic manufacturer of these products. None of the contacted manufacturers are able to comply with FHWA's Buy America requirements.	4120	333415
7	HVAC	Bell & Gossett	Coalescing Style Air & Sediment Separator	Bell & Gossett Coalescing Style Air & Sediment Separator Model CRSN-4F	1	The air & sediment separator is integral to the hydronic HVAC system which is integral to the Library Commons portion of the project, and there is no alternative means to achieve what this manufactured product does. None of the contacted manufacturers are able to comply with FHWA's Buy America requirements.	4520	333413
8	HVAC	Samsung	Air source water heat pumps	Samsung model AG015KSVAFH/AA air source water heat pumps (4)	4	The foreign iron/steel is mainly in the enclosure which is electronic galvanized steel with a baked on powder coated finish and the water side heat exchanger which is type 316 brazed stainless steel. None of the contacted manufacturers are able to comply with FHWA's Buy America requirements.	4520	333414

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9	HVAC	Nailor	Fan coil units	Nailor Fan Coil Units (18)	18	Manufacturer states product complies with BABA. None of the contacted manufacturers are able to comply with FHWA's Buy America requirements.	4520	333413
10	HVAC	Daikin	Fan coil units	Daikin Fan Coil Units (2)	2	Daikin was the only manufacturer that was able to provide FCUs that meet the project requirements for efficiency, size, and capacity for the large public meeting rooms in the Library Commons area. These units have already been ordered and have exceptionally long lead times of at least 24-26 weeks. None of the contacted manufacturers are able to comply with FHWA's Buy America requirements.	4520	333413
11	ELECTRICAL	Eaton	Switchboards	Eaton switchboards for which we are requesting a waiver. One (1) each of models: SWBD H1-PRLX, SWBD HXE-PRLX, L2-PRLX, L3-PRLX	4	Required by Puget Sound Energy (utility), significant lead time (16-20 months), and we would be required to halt construction if these had to be switched out. The steel/iron components of the panels are not confirmed to be Buy America compliant. The National Electrical Manufacturers Association has notified the Director for the Made in America Office on these types of issues. None of the contacted manufacturers are able to comply with FHWA's Buy America requirements.	5975	333413
12	ELECTRICAL	Eaton	Panelboards	Eaton panelboards (24)	24	The steel/iron components of the panels are not confirmed to be Buy America compliant. The National Electrical Manufacturers Association has notified the Director for the Made in America Office on these types of issues. No manufacturer could meet construction timelines and comply with FHWA's Buy America requirements.	5975	334513
13	ELECTRICAL	Telecor	Intercom system	Telecor E Series system	1	This is a sole source item in the specifications due to the need to integrate with the City's existing system. This is part of the security/safety system.	5830	334290
14	ELECTRICAL	Middle Atlantic	AV system wall rack	Middle Atlantic DWR-24-22 wall rack	1	Complies with United States Trade Agreements Act (TAA) of 1979. A domestic manufacturer that complies with FHWA's Buy America requirements has not been found.	7K20	334310
15	PLUMBING	AO Smith	Heat pump water heaters	AO Smith CAHP-120 heat pump water heaters	2	Most of the iron/steel is made up of the tank, control cabinet, and enclosures. Only 1 compliant pump is available and is too small, however this manufacturer is currently moving operations to USA - no product compliant until 2nd quarter 2024. None of the contacted manufacturers are able to comply with FHWA's Buy America requirements and supply water heaters adequately sized for this project.	4520	333414
16	PLUMBING	Watts	Backflow preventer	Watts Series LF909 Reduced Pressure Zone Assemblies	1	Specified and required by Skagit Public Utility District (water utility).	4820	332913

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17	ARCHITECTURAL & STRUCTURAL	Concealor, Blazer Drill, Panel-Tite	Metal wall and roof panel fasteners	410 Stainless self-tapping #12 – 14 BLAZER 3x1" to 1 ½" (Blazer Drill brand) #10-16 x 1-1/2" DP3 Long-Life TRI-SEAL® coated (Concealor brand) #10-9 x 1-1/8" TYPE 17 Long-Life TRI-SEAL® coated (Concealor brand) #10-13 x 1-1/2" GP Long-Life TRI-SEAL® coated (Concealor brand) 304 Stainless Steel Screws - #9-15 304 SS (Panel-Tite Brand) Pancake head piercing point & drill point 302 stainless steel screws - #10-13 x 1" GP (Concealor brand) Pancake head piercing point & drill point 410 stainless steel screws - #10-16 x 1" DP3 (Concealor brand)	29,000 (see attachment 10.1 for breakdown)	FHWA Buy America compliant alternatives to the specified fasteners would include a carbon steel version. However, a carbon steel version is not of the same quality as a stainless-steel version and has a much greater probability of corrosion over time. As these will be installed outdoors and exposed to the elements in the Pacific Northwest, a carbon steel alternative is not in the public interest. Another alternative might be hot dip galvanized coatings per ASTM A153, however there are not domestically manufactured, commercially available hot dip galvanized self-tapping screws with a zinc coating greater than .8 mils, which does not equal the ASTM A153 specification of 1.4 mils. No FHWA compliant Buy-America compliant bids were received in response to the project solicitation.	5305	332722
18	ARCHITECTURAL & STRUCTURAL	Blazer	Terracotta fasteners	#12-14 x 1-1/2" DP5 #12-14 x 2-1/2" DP5	10,000	The terra cotta screening is for the parking garage, and has gone through extensive design review with the Authority Having Jurisdiction (AHJ). Switching to a different system would jeopardize the project, require extensive redesign, stop construction in progress on site, and cost the project hundreds of thousands of dollars. FHWA Buy America compliant alternatives to the specified fasteners would include a carbon steel version, or a stainless steel version. However, a carbon steel version is not of the same quality as a stainless steel version, and has much great probability of corrosion over time. As these will be installed outdoors and exposed to the elements in the Pacific Northwest, a carbon steel alternative is not in the public interest. Another alternative might be stainless steel fasteners, but these would corrode the aluminum attachments on the terra cotta materials. The manufacturer of the terra cotta devices is unable to provide non-aluminum attachments that would also meet FHWA Buy America requirements, thereby increasing the overall amount of foreign iron/steel in this project. No FHWA compliant Buy-America compliant bids were received in response to the project solicitation.	5305	332722

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19	ARCHITECTURAL & STRUCTURAL	Skyfold	Retractable Acoustic Wall	Skyfold Classic Automatic Vertically Retractable Acoustic Wall: Within this wall system, the following components are sourced from foreign iron/steel: steel framing, steel faced acoustic panels, steel hangers, and galvanized steel cable all as part of the overall assembly	1	The design team specified a vertical folding partition in this location as a means to maximize the useable space in the community meeting rooms 140 & 138. There are no alternatives which are of satisfactory quality. Alternatives would include an extensive redesign of the entire space (including architectural, structural, and electrical engineering), and every alternative would reduce the programmed space and availability of the community meeting rooms. Maximizing the occupancy of these spaces was a critical design decision as in addition to the normal-use of community meeting rooms, these spaces are also intended to provide emergency shelter space during extreme heat/cold events. No FHWA Buy-America compliant bids were received in response to the project solicitation.	5670	332323
20	ARCHITECTURAL & STRUCTURAL	Skyfold	Folding Glass Panel Partition	Skyfold Mirage Folding Glass Panel Partition: Within this wall system, the following components are sourced from foreign iron/steel: Steel hangers, and galvanized steel cable all as part of the overall assembly.	1	The design team specified a vertical folding glass partition in this location as a means to maximize the useable space in the community meeting rooms 140 & 138, providing the ability to add overflow capacity via the Commons area 141. There are no alternatives which are of satisfactory quality. Alternatives would include an extensive redesign of the entire space (including architectural, structural, and electrical engineering), and every alternative would reduce the programmed space and availability of the community meeting rooms. Maximizing the occupancy of these spaces was a critical design decision as in addition to the normal-use of community meeting rooms, these spaces are also intended to provide emergency shelter space during extreme heat/cold events. No FHWA compliant Buy-America compliant bids were received in response to the project solicitation.	5670	327215
21	ARCHITECTURAL & STRUCTURAL	Bikeep	Electric Bike Charging Lockers	SL0002-1 Smart Locker	9	There are no FHWA Buy-America compliant manufacturers of e-bike charging lockers. The Bikeep lockers were specified as the basis of design due to their configuration and options. They allow for e-bike charging, and will accommodate the increasing size of e-bikes. They allow for contactless payment of charging/storage, are very secure, and work via an app utilizing bluetooth and/or RFID. They will provide safe, secure, reliable parking options for e-bike users. None of the contacted manufacturers are able to comply with FHWA's Buy America requirements.	6150	335999
22	ARCHITECTURAL & STRUCTURAL	Hilti	Uni-strut fasteners	Hilti Bolt Tz2 Wedge Anchors, made of carbon steel	2,500	Uni-strut system that will support all of the Library's mechanical, electrical, plumbing, security, and fire protection systems is compliant, the <b>fasteners</b> are not. No FHWA compliant Buy-America compliant bids were received in response to the project solicitation. None of the contacted manufacturers are able to comply with FHWA's Buy America requirements while also meeting the code-required structural requirements for the system.	5305	332722
23	LIFE SAFETY	Honeywell	Fire Alarm System	Silent Knight 6820	1	This is one part of the project in which a propriety product was required to be specified for this project. The City's current fire alarm systems are through Silent Knight, and this project is required to integrate with the City's existing fire alarm system. It would be impractical, expensive, and not in the public's interest to deviate from the Silent Knight system that the City already operates.	6350	334290