Cold bending is acceptable, provided the toughness requirements are met, as outlined in Special Provisions section 6-03 revisions in Addendum 1.
Material substitutions would have to be evaluated on a case-by-case basis. The alternate material/section would have to provide similar stiffness and strength as the structural tubing specified.

Buy America: federal funding within the project requires Buy America be followed.
Question #1: Clarification is requested for the pole associated with Luminaire Lumec CAND2. Spec 8-30.2(3) shows 12' High Pole; Aluminum, Straight, Round 4" as per CK-R-47M. However, TLC-S-115 [Luminaire Foundation Plan and Section A] shows a 15' Tall Tapered Rectangular Pole and references see electrical plans. Electrical plan TLC-E-303 does not provide characteristics of pole. Please identify pole(s) to be furnished. TLC-S-115 is incorrect. The pole shall be as specified on TLC-E-303 and Special Provision Section 8-30.2(3).

Question #2: We are seeking additional information on the Cast Into Curb Junction box detailed on TLC-E-302. The box does not appear to conform to sizes and characteristics of WSDOT in concrete and/or barrier boxes. In Spec 8-30.2(4), junction boxes, the product shows Valid Manufacturing Ltd. Valid manufacturing is a Canadian firm. In communicating with them, I found that they had numerous questions or clarifications such as: a) enclosures are certified to CSA Type 4 not NEMA 4 — confirm this is acceptable; b) no hole sizes are shown on the detail therefore intent is to quote without holes being punched since the "boxes are aluminum and therefore very easy to add the holes in the field" — confirm this is acceptable; c) unable to determine if lids should be stainless steel or aluminum — please advise. Given points outlined in a, b and c it appears this box is likely not a product which Valid Manufacturing has previously provided in which case there would not be manufacturer's standard catalog data (or shop drawing) to demonstrate compliance with referenced standards until after the bid process and at the time of submittals. Based on this, we are requesting response to the underlined to insure the City gets the product they are expecting and that all bidders will have the same scope to price.

a) NEMA 4 is correct.
b) Field-drilled holes is acceptable.
c) Lids shall be aluminum.
Dear Aaron,

- Reference Drawings C-171A, 172A & 173A which shows Quarry Spalls for Construction Laydown. Section 3-A/C220 provides a typical cross section of the Quarry Spalls in the Construction Laydown. What is the required thickness of the construction laydown quarry spalls? Thickness of quarry spalls as required by Contractor means and methods.

- Reference Bid Item 54, Rock for Erosion & Scour Protection, Cl A. Special Provisions Section SP 8-15.1 indicates this bid item is for payment of the quarry spalls placed in the construction laydown work area south of NE 124th. Based on this area it appears the bid item quantity is incorrect. Please verify the Bid Item 54 quantity. Special Provision Section B-15.4 states: "No measurement will be made for quarry spalls for the temporary construction laydown." Special Provision Section 8-15.5 states: "No separate payment will be made for the Work to provide the quarry spalls for construction laydown or removal and disposal of construction laydown. This Work shall be incidental to construction."

- Reference Drawing C-197 which shows Rock for Erosion & Scour Protection, Cl A in the area of the culvert connection. Section SP 7-02.5 does not indicate that payment for the Precast Reinforced Concrete Box Culvert includes the Rock for Erosion & Scour Protection, Cl A. Is payment for this rock to be provided by Bid Item 54? Payment for "Rock for Erosion & Scour Protection, Cl A" (Bid Item 53) is per Special Provision Section 8-15.

- Reference Drawing C-193. This drawing shows providing quarry spall protection "per record drawings." Please verify if these quarry spalls are paid under Bid Item 38, Quarry Spalls 2"-4". If not, what bid item is this paid under? The quarry spall protection should be installed prior to the bridge construction as part of a separate project and therefore material will be in place; depending on contractor means and methods work in this location may require restoration of previously placed material to meet the intent of the record drawings and this work shall be incidental to construction.

Sincerely,

Tim Rule
Sr. Project Manager

The Walsh Group
February 14, 2020
Fax: (425) 587-3844

Attention: Aaron McDonald
Subject: Totem Lake Connector Bridge Job No. 01-20-PW

Dear Aaron,

- Reference Drawing TLC-C-172A, and TLC-C-173A. Note 3 says “Provide temporary chain link construction fencing to secure the work area and maintain temporary trail.” These drawings and the Demolition and Erosion Control Plan drawings show installation of high visibility fencing around work areas and along the temporary trail. It would make more sense not to duplicate installation of these fences around the same areas and only install chain link fencing where the high visibility fencing is installed. Please consider deleting the bid item for high visibility fencing and replace it with a bid item for temporary chain link construction fencing.

- Reference Drawing TLC-C-174. In this triangular intersection area you show no construction fencing to protect the sidewalks which are still open to the public from the construction work areas. Please provide direction on fencing protection required and an appropriate bid item for installation of temporary construction fencing.

Sincerely;

Tim Rule
Sr. Project Manager
The Walsh Group

Question #1:
For the purposes of bidding, bidders shall assume that all of the high-visibility fencing shown on the plans will be installed. In addition, per special provision 8-12, the contractor shall secure the work area(s) using temporary chain link fencing. If conditions dictate another arrangement during construction, the owner will work with the contractor to make appropriate adjustments.

Question #2:
Per Special Provision Section 8-12 temporary chain link construction fencing is required to secure the work area and the cost is incidental, per Payment section “The Work to install temporary construction fencing shall be incidental and costs incurred to perform the Work described in this Section shall be included in payment for other items of Work in the Contract.”
From: Jason Chun <JChun@tmfab.com>
Sent: Monday, February 17, 2020 9:58 AM
To: Aaron McDonald
Subject: RE: Kirkland Bridge Project - RFI #1 - Weldment

Aaron,

In regards to the shop coating(s), please confirm that the only coat that we will apply is the primer. Mid Coat and Top Coat to be performed in the field by others correct?

Jason Chun
Sales and Estimating

*Click the logo below to check out our shop video*

RESPONSE:
The paint specifications are found in the WSDOT Standard Specifications, section 6-07. This section allows for either shop or field application of paint systems.

The entity that will apply specified coatings/primers is dictated by the General Contractor bidding the project and how they structure their bid and work. We suggest that this question be directed to the company for which a quote is being provided.

Aaron McDonald, P.E.
Senior Project Engineer
City of Kirkland Public Works
Phone/Voice Mail: 425-587-3837
Fax: 425-587-3844
amcdonald@kirklandwa.gov

Caring for your infrastructure to keep Kirkland healthy, safe and vibrant.

From: Matt Baughman <mwbm@cowi.com>
Sent: Thursday, February 13, 2020 9:51 AM
To: Aaron McDonald <AMcDonald@kirklandwa.gov>
As far as cold forming on the Arch pipe material, is rolling and/or bumping allowed to create the proper radius? With bumping our vendor confirmed that it will not conflict with the ID of the pipe and will maintain the circumference it arrived to them as. Just another way of creating the necessary arch radius without putting it through rollers.

Jason Chun
Sales and Estimating

*Click the logo below to check out our shop video*

In accordance with the Amendment 1 revision to special provision section 6-03, the method and procedures for bending the pipes to the final geometry as shown in the Plans and achieving the required toughness shall be submitted to the Engineer for review and approval prior to fabrication. The process would need sufficient bends to reflect the design geometry, while minimizing angle and locating bends away from peak design force locations to avoid overstressing the pipes. The Contractor must show the material at the bends meets the toughness requirements as outlined.

Aaron McDonald, P.E.
Senior Project Engineer
City of Kirkland Public Works
Phone/Voice Mail: 425-587-3837
Fax: 425-587-3844
amcdonald@kirklandwa.gov

Caring for your infrastructure to keep Kirkland healthy, safe and vibrant.
From: Matt Baughman <mwbm@cowi.com>
Sent: Thursday, February 13, 2020 9:51 AM
To: Aaron McDonald <AMcDonald@kirklandwa.gov>
Cc: A088367_Mail <A088367_Mail@cowi.com>
Subject: RE: Kirkland Bridge Project - RFI #1 - Weldment

Responses below:

Do you happen to know the estimated weight of the structural steel for the project?  See section 6-03.4 of the Special Provisions.

In regards to the rolling of the Arch Pipe materials, I don’t see anywhere in the specs mentioning about what is and is not allowed as far as hot or cold bending.  Either is acceptable, provided the requirements of section 6-03 of the Special Provisions are met, particularly those added in Amendment 1.

Matt

Matthew D. Baughman, P.Eng, P.E., S.E.
Senior Project Manager
COWI Bridge
Direct: 206 748 4034

COWI

From: Aaron McDonald <AMcDonald@kirklandwa.gov>
Sent: Thursday, February 13, 2020 9:43 AM
To: Matt Baughman <mwbm@cowi.com>
Subject: FW: Kirkland Bridge Project - RFI #1 - Weldment

Do you have this answer?

Aaron McDonald, P.E.
Senior Project Engineer
City of Kirkland Public Works
Phone/Voice Mail: 425-587-3837
Fax: 425-587-3844
amcdonald@kirklandwa.gov

Caring for your infrastructure to keep Kirkland healthy, safe and vibrant.

From: Jason Chun <JChun@tmfab.com>
Sent: Thursday, February 13, 2020 9:07 AM
To: Aaron McDonald <AMcDonald@kirklandwa.gov>
Subject: RE: Kirkland Bridge Project - RFI #1 - Weldment

Aaron,
From: Jason Chun <JChun@tmfab.com>
Sent: Friday, February 21, 2020 9:00 AM
To: Aaron McDonald
Subject: Kirklan Totem Lake Project

Aaron,

I noticed the specs and drawings show A500-C for the HSS. Please confirm if A500-B is also acceptable in lieu of A500-C.

Respectfully,

Jason Chun
Sales and Estimating

*Click the logo below to check out our shop video*

Office: 360-696-0811 Ext. 163 | Cell: 360-839-1960
jchun@tmfab.com | www.tmfab.com

RESPONSE:

A500-C HSS is required to be used as shown below. No substitution will be allowed.

4. STRUCTURAL STEEL

4.1 Rolled steel shapes shall be ASTM A992 grade 50.

4.2 Plates and bars shall conform to ASTM A709 grade 50, UHSS.

4.3 Rectangular hollow structural sections (HSS) shall conform to ASTM A500 grade B (46 KSI).

4.4 Hangers shall use round HSS ASTM A500 grade C (45 KSI).
February 21, 2020

Aaron McDonald
Department of Public Works
123 Fifth Avenue,
Kirkland, WA 98033

Subject: REQUEST FOR ADDITIONAL BID TIME

Reference: Totem Lake Connector Bridge
CIP NO. CNM 086 1000
JOB NO. 01-20-PW

Dear Aaron:

Due to the complex nature of these projects and slow vendor response, we are respectfully requesting a two week bid date extension. The additional time is necessary for completion of the pricing proposals on the above referenced projects.

We believe this to be in the best interest of the city of Kirkland, as the additional time will allow for a complete and thorough evaluation of the project requirements and receipt of all vendors pricing.

Thank you for considering this request. If you have any questions or need additional information, please do not hesitate to call me.

Best regards,

Jeff Kovar
Estimating Manager

RESPONSE:

At this time, the City will not entertain requests for bid date extensions.
Mr. McDonald,

For the Totem Lake Connector Bridge project, the Non-Collusion Affidavit (page 15) indicates that the notary public is "in and for the State of Washington." However, our notary public will be in another state, where our authorized signer resides. Is it acceptable to cross out "Washington" and write in the state our authorized signer and notary public are currently residing in?

Thank you,
Regan Heineke
Proposal Manager

The Walsh Group
16400 Southcenter Parkway, Suite 501
Seattle, WA 98188
(206) 390-0951

RESPONSE:

It is acceptable to cross out "Washington" and write-in the correct state where the notary resides.
All manufacturing processes must occur within the U.S. This includes everything from the production of the raw steel, to the manufacturing and coating. This also includes fabrication within a fabrication facility (i.e., steel shapes cannot be exported for fabrication or any process and be considered "Buy America" compliant).
Section 1-06 is supplemented with the following:

**Buy America**

(August 6, 2012)

In accordance with Buy America requirements contained in 23 CFR 635.410, the major quantities of steel and iron construction material that is permanently incorporated into the project shall consist of American-made materials only. Buy America does not apply to temporary steel items, e.g., temporary sheet piling, temporary bridges, steel scaffolding and falsework.

Minor amounts of foreign steel and iron may be utilized in this project provided the cost of the foreign material used does not exceed one-tenth of one percent of the total contract cost or $2,500.00, whichever is greater.

American-made material is defined as material having all manufacturing processes occurring domestically. To further define the coverage, a domestic product is a manufactured steel material that was produced in one of the 50 States, the District of Columbia, Puerto Rico, or in the territories and possessions of the United States.

If domestically produced steel billets or iron ingots are exported outside of the area of coverage, as defined above, for any manufacturing process then the resulting product does not conform to the Buy America requirements. Additionally, products manufactured domestically from foreign source steel billets or iron ingots do not conform to the Buy America requirements because the initial melting and mixing of alloys to create the material occurred in a foreign country.

Manufacturing begins with the initial melting and mixing, and continues through the coating stage. Any process which modifies the chemical content, the physical size or shape, or the final finish is considered a manufacturing process. The processes include rolling, extruding, machining, bending, grinding, drilling, welding, and coating. The action of applying a coating to steel or iron is deemed a manufacturing process. Coating includes epoxy coating, galvanizing, aluminizing, painting, and any other coating that protects or enhances the value of steel or iron. Any process from the original reduction from ore to the finished product constitutes a manufacturing process for iron.

Due to a nationwide waiver, Buy America does not apply to raw materials (iron ore and alloys), scrap (recycled steel or iron), and pig iron or processed, pelletized, and reduced iron ore.

The following are considered to be steel manufacturing processes:

1. Production of steel by any of the following processes:
   a. Open hearth furnace.
   b. Basic oxygen.
   c. Electric furnace.
d. Direct reduction.

2. Rolling, heat treating, and any other similar processing.

3. Fabrication of the products.
   a. Spinning wire into cable or strand.
   b. Corrugating and rolling into culverts.
   c. Shop fabrication.

A certification of materials origin will be required for any items comprised of, or containing, steel or iron construction materials prior to such items being incorporated into the permanent work. The certification shall be on DOT Form 350-109EF provided by the Engineer, or such other form the Contractor chooses, provided it contains the same information as DOT Form 350-109EF.

(August 6, 2012)
The following items of work containing steel or iron construction materials are considered to be temporary and are excluded from the Buy America requirements contained in 23 CFR 635.410 as described in the above paragraphs:

- Temporary steel forms for piers P2, P3, P4, P5, P6 (if proposed).

(1/1/2016 COK GSP)

1-06.1 Approval of Materials Prior to Use

Section 1-06.1 is supplemented as follows:

Approval of a Material source shall not mean acceptance of the Material. The Material shall meet the requirements of the Contract.

1-06.6 Recycled Materials

Delete this section, including its subsections, and replace it with the following:

The Contractor shall make their best effort to utilize recycled materials in the construction of the project. Approval of such material use shall be as detailed elsewhere in the Standard Specifications.

Prior to Physical Completion the Contractor shall report the quantity of recycled materials that were utilized in the construction of the project for each of the items listed in Table 9-03.21(1)E in Section 9-03.21. The report shall include hot mix asphalt, recycled concrete aggregate, recycled glass, steel furnace slag and other recycled materials (e.g. utilization of on-site material and aggregates from concrete returned to the supplier).

The Contractor’s report shall be provided on DOT form 350-075 Recycled Materials Reporting.
Aaron,

For the 24”x3/4” wall piping material called out for the project, is it acceptable to furnish that as API 5L PLS-2 X42? Attached is the MTRs associated with the material our supplier can provide which shows that it yields over 52ksi which is what the project material is requiring.

Please let me know if that is acceptable.

RESPONSE:

The material used will need to meet all requirements as outlined in the plans and specifications.

The contractor may submit this material for review and approval, but must show that it is equal or better to the material required by the contract.

RESPONSE:

Aaron McDonald
Senior Project Engineer
City of Kirkland Public Works
Phone/Voice Mail: 425-587-3837
Fax: 425-587-3844
amcdonald@kirklandwa.gov

Caring for your infrastructure to keep Kirkland healthy, safe and vibrant.
February 27, 2020

Totem Lake Connector Bridge
Job# 01-20-PW
City of Kirkland

Attention: Aaron McDonald

RE: Bid Extension

Aaron,

Due to the scope complexity of this project, Jesse Co. and our suppliers are requesting an extension to confirm pricing and material availability. Please consider extending the bid date one week to accommodate these requests.

Thank you,

Annette McGhee
Asst. to Sales/Est/PM
1840 Marine View Drive
Tacoma, WA 98422
D: (253) 552-1501
amcghee@jesse-co.com

RESPONSE:

See BXWA for Addendum No 2 (to be posted today) extending the bid opening to March 17th.
To: Mr. Aaron McDonald via fax at (425) 587-3844  
From: Jeff Sautel Kraemer NA (206) 620-0630

City of Kirkland  
Invitation to Bid  

Totem Lake Connector Bridge  
CIP No. CNM 086 1000  
Job No. 01-20-PW

Request for Information or Clarification to the IFB

<table>
<thead>
<tr>
<th>IFB Section Reference</th>
<th>IFB Requirement</th>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special Provisions 1-08.6, Suspension of Work</td>
<td>Contract time may be suspended for procurement of critical materials. (procurement suspension)</td>
<td>Within the suspension for material procurement we request that the bid item for Structural Low Allow Steel - Superstr. Be added to the list of items included in this provision.</td>
<td>RESPONSE: The intent of this provision is to have the contractor start the shop drawing/ordering process asap for items that would allow work to start (such as foundation materials). If this is achieved, we are willing to suspend working days for a period as-stated. We anticipate that a contractor will proceed with shop drawings/ordering of all necessary materials asap. If we add this requested item, the contractor will now need to provide proof of two items as being ordered within 30 days with no additional suspension time benefit.</td>
</tr>
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</table>

February 26, 2020
<table>
<thead>
<tr>
<th>IFB Section Reference</th>
<th>IFB Requirement</th>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special Provision 7-15.1, Service Connections</td>
<td>For the water service connection, the specifications call for the contractor to provide a fully functioning irrigation system.</td>
<td>Should the contractor assume that the City of Kenmore will cover the cost of the tap fee for this new irrigation service?</td>
<td>The City will be responsible for the cost of any capital facilities charges associated with new meter installations. The Contractor will only need to provide a bid for materials, installation, test and connect the new meter.</td>
</tr>
<tr>
<td>Special Provision section 8-12 Chain Link Fence</td>
<td>The Special Provision calls for temporary chain link fence along the temporary trail running along the east edge of the Cross Kirkland Corridor ROW. The plans, sheets TLC-C-171, 172, 173 call out for High Visibility Fence, which is a pay item.</td>
<td>Please clarify what type of fence is required to protect the temporary trail and if required, can a bid item be created for the temporary chain link fence?</td>
<td>RESPONSE: For the purposes of bidding, bidders shall assume that all of the high-visibility fencing shown on the plans will be installed. In addition, per special provision 8-12, the contractor shall secure the work area(s) using temporary chain link fencing. If conditions dictate another arrangement during construction, the owner will work with the contractor to make appropriate adjustments. Per Special Provision Section 8-12 temporary chain link construction fencing is required to secure the work area and the cost is incidental, per Payment section “The Work to install temporary construction fencing shall be incidental and costs incurred to perform the Work described in this Section shall be included in payment for other items of Work in the Contract.”</td>
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<tr>
<td>Plan Sheet TLC-C-170</td>
<td>Plan sheet TLC-C-170, “City of Kirkland Erosion/Sedimentation Control Plan Notes (as of 1/30/2019)” note number 19 calls for clearing control fence that is to be Chain Link unless otherwise approved.</td>
<td>Will High Visibility Fence be an acceptable alternate for all clearing control fence? If not and temporary chain link fence is required, please provide a bid item so a quantity of fence can be determined by the bidders.</td>
<td>RESPONSE: High-Visibility Clearing Control and/or Silt Fence shall be used as shown in the plans for clearing control fencing. Chain link fencing is to be used for work site safety/protection.</td>
</tr>
<tr>
<td>Invitation to Bid</td>
<td>The City of Kirkland will receive bids on March 6th, 2020 at 1:00 PM, local time.</td>
<td>After discussions with several steel suppliers who are having challenges sourcing materials for this project, we request a maximum of a 1-week delay to the bid date.</td>
<td>RESPONSE: The City has extended the bid opening date to March 17th. See BXWA (to be posted today) for document.</td>
</tr>
<tr>
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<td>Plan Sheet TLC-C-181 and plan sheets TLC-C-171A, 172A, 173A</td>
<td>Note 9 on sheet 181 states that all bike detour routes shall have paved surfacing. The Temporary trail plan sheets call for a temporary gravel trail.</td>
<td>Please clarify if the temporary trail can be gravel or if it has to have paved surfacing.</td>
<td>RESPONSE: The temporary trail can be gravel surfaced (as that is what people on bikes are using now). See sheet C-220, section 3 for specifics of surfacing. Note 9 refers to bike detour routes using city streets.</td>
</tr>
<tr>
<td>Proposal</td>
<td>The bid form provided is in pdf format.</td>
<td>Can the bid form be provided in Excel to assist the bidders in submitting their bids?</td>
<td>RESPONSE: The supplied bid form shall be used as it is part of the contract documents.</td>
</tr>
</tbody>
</table>
Aaron McDonald Fax # 425-587-3844
Regarding: Totem Lake Connector

1. Can the City of Kirkland confirm the designer has checked with the oscillator equipment manufacturers regarding the specified ½" or ¾" wall thickness of the permanent casing to be installed?

2. Would a spotter from Seattle City Light be assigned to the project during construction of P6 and P7 shafts and columns?

   1. The wall thicknesses are the minimum required for structural design of the shafts in the final condition. Contractor means and methods may or may not require thicker walls.

   2. If requested by the contractor, a Seattle City Light spotter can be provided. However, there is a cost associated which would be borne by the contractor.