

**Date:** September 28th, 2023

**Project:** Menifee, CA - Paloma Wash Pedestrian Bridge

**Scope:** Bridge Design, Bridge Manufacturing

**Contact:** Kenny Adams

Our Estimate below defines our full scope of work for the bridges on the above-referenced project. The price on this proposal is only valid for thirty (30) days.

Bridge Brother's scope will include all structural engineering, manufacturing, delivery of structures, and offloading. Any associated designs will be in adherence to the engineering standards outlined in the proposal. Any additional work outside of the proposed scope below will be priced in the form of a Change Order.

**Structural Engineering:** **Included**

- Single PE Stamped Design & Calculation Package by one PE
  - Design excludes anchor design, bearing design, and concrete deck design

**Bridge Manufacturing (Excluding Sales Tax):** **\$689,422**

- Qty 14' x 174' Type Bridge
- Bridge Design and Member Size is Based on Bridge Brothers Stamped Design
- Weathering Steel Structure
- Bowstring Truss Configuration
- Galvanized/Corrugated Decking prepped for Rebar/Concrete
  - Rebar/Concrete Supplied and Installed by Others
  - Decking Shipped Loose (Deck may be shipped loose per bridge design at the discretion of the manufacturer)
- H-10 Vehicular Loading
- 90 PSF Live Loading
- Painted Aluminum Picket Safety Railing
  - IPE Rub Rail Included
- Truss and Floor Splices
- Bridge Prepped for Canopy posts and Canopy
  - Posts and Canopy supplied by Others -
- Sales Tax is EXCLUDED

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TURNKEY PREFABRICATED **BRIDGES**

- Freight to Project Site (FOB)
  - The bridge will be shipped in 6 pieces ( Length and or floor splice) with a current estimated value of freight of (\$105,000)
  - Estimated total bridge weight is (125,000#)
- Bridge Brothers can not be held liable for material, freight, onsite equipment, or labor escalations due to acts of God and other unforeseen acts. The initial/offloading bridge drop site must be within 15' of where the delivery trucks can deliver.
- Warranty shall be null and void unless the customer provides records that verify compliance with minimum guidelines specified in the “Inspection + Maintenance Recommendations” attached to this proposal
- All expansion joints at the ends of the bridge are the bridge installer’s responsibility unless other arrangements have been made with the bridge manufacturer. There will be no expansion joints inside the bridge. Bridge Brothers will provide design data of the extreme ends of the bridge where the bridge meets the abutments.

**Bridge Off Loading:****\$63,000**

- Off-loading of the above-detailed bridge on customer-supplied staging area
- Bridge Brothers means and methods of unloading is at our discretion
- Site must have clear access to staging area
- Site contractor is to provide clear crane access within a 15' radius staging area.
  - If the radius is more than 15' a Change Order may be issued for the difference in crane value.
  - If the site does not meet those conditions Bridge Brothers may perform the work at T&M rates at the customers approval to grant feasible access to complete the installation.
- Crane Pads, if required are to be provided by the customer as the discretion of the crane companies pre-site visit
- Off-load bridge sections
- Lift plans can be provided at an additional expense
- Lane Closures and Traffic Control is by others. Utilities and overhead powerlines are to be covered, protected, or relocated at the owner's expense prior to Bridge Brothers' mobilization
- Bridge Brothers will only be responsible for the painted portions of the structure, any damage to the paint from offloading the bridge. After this time, the GC is responsible for the structure and any touch-up of the paint

**Bridge Sitework Proposals are available upon request****Bridge Brothers Terms and Conditions are to be signed**

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# TURNKEY PREFABRICATED BRIDGES

## Estimated Project Schedule

- **Structural Design Package**
  - 8 weeks
- **Bridge Manufacturing and Freight**
  - 16 - 20 Weeks from the Date of Approved Drawings Depending on Scope
    - Delivery may vary due to mill lead times
- **Bridge Erection**
  - 1-3 Weeks Depending on Scope

### Qualifications:

- Bridge Brothers Terms and Conditions are required to be signed, in the circumstance where they are not, please allow a minimum of ten (10) working days for contract review.
- Any language listed within this proposal shall be fully incorporated into the final contract.
- Bridge Brothers will require a payment to serve as a deposit to begin engineering services.
- Bridge Brothers will require a payment following the approval of engineering submittals.
- Bridge Brothers will require a payment following the completion of fabrication.
- Bridge Brothers will require the payment of Change Orders prior to shipment.
- Bridge Brothers will require a payment that serves as an erection deposit before any Bridge Brothers mobilization.
- Bridge Brothers will not accept any retention holdbacks thirty (30) days after the completion of our scope of work.
- The Customer must provide sufficient space for delivery trucks to safely park and be unloaded, any time delays at delivery which result in additional freight charges will be billed to the customer.
- Means and methods of installation are Bridge Brothers and any measure requested and/or required outside of this will be charged at a Time and Material from our standard rate sheet.
- Pricing may be subject to change based on the Geotechnical Report, Site Survey, and Site Constraint.
- Utilities, overhead power lines, or anything in relation are to be covered, protected, or relocated at the Customers' expense prior to Bridge Brother's mobilization.
- Site must have sufficient site access for erection equipment on both sides of the project, the following will apply:
  - Site must be cut/excavated to grade for installation methods, where the site is not to grade - any work required by Bridge Brothers to make the site to grade will be charged as a Change Order.
  - Bridge Brothers must have access within 10' of each abutment.
  - Bridge Brothers must have a 16' path to each abutment (will vary depending on bridge width);
  - Crane Pads/Mats will be supplied by Others.
  - Bridge Brothers is not responsible for the following:
    - Tree removal.

- Brush removal.
- Excess dirt removal.
- Excess grubbing.

- Any equipment or tools used on site that are owned/rented by the Customer is at the expense of the Customer; Bridge Brothers will not be responsible for any cost associated with such unless discussed prior to mobilization.
- The following requirements must be satisfied in relation to Unloading and Splice Fit Up Bridges:
  - 80% Safety Factor to be used on all cranes, if a lower safety percentage is required/requested and a larger crane is required, any cost associated with such will be billed in the form of a Change Order.
- Lane Closures and traffic control will be completed by Others at no cost to Bridge Brothers.
- If Bridge Brothers is to be pouring the concrete deck the following applies:
  - The cost associated with the concrete test/heating is on the Customer.
  - The cost associated with the sealing of concrete is on the Customer.
  - The cost associated with any epoxy-coated rebar is on the Customer.
  - Concrete is poured in conformance to structural requirements, not architectural requirements.
  - Where Bridge Brothers performs any of the above-mentioned work or work in relation to the above-mentioned this will be billed in the form of a Change Order at our T&M standard rates.
- Where the project includes cable railing, Bridge Brothers will tension cables to the design specifications:
  - Bridge Brothers will leave a tension tool upon written request from the Customer.
  - Bridge Brothers will remobilize to tension cables following the final walkthrough, where the Customer requests any re-tensioning of cable railing; this will be billed in the form of a Change Order and will be completed at the discretion of the Bridge Brothers installation schedule.
- Where the project is painted or galvanized the following will apply:
  - Any additional touch-up galv or paint will be completed by Bridge Brothers while on site, anything requested following the final walkthrough will be billed in the form of a Change Order.
  - Bridge Brothers will leave additional paint with the customer following the final walkthrough.
- Bridge Brothers will require a final walk-through with a customer representative following such a project completion and the acceptance form will be signed while Bridge Brothers personnel is onsite.
- Bridge Brothers is a nondiscriminatory employer.

### Exclusions:

# TURNKEY PREFABRICATED BRIDGES

- Any item not listed in this proposal is not included in Bridge Brothers' Scope of Work.
- Any proposed scope of work additions will be billed in the form of a Change Order.
- Sales Tax is not included here and shall be paid by the Customer to Bridge Brothers.
- Where Bridge Brothers is required to obtain higher insurance limits to match Customer requirements, the cost of such will be billed in the form of a Change Order.
- Bridge Brothers reserves the right to adjust pricing for material, freight, onsite equipment and labor escalation.
- Any additional inspection beyond visual is the responsibility of the customer.
- Any additional compliance requirements are excluded from this proposal.
- Any design revision after Rev1 submittals will be billed in the form of a Change Order at our standard hourly rates.
- Any cost associated with union labor is not included in this proposal.
- Any cost associated with prevailing wage is not included in this proposal.
- Any cost associated with dewatering is not included in this proposal.
- Any cost associated with soil compaction, dirt removal, bull rock, erosion control, silt fencing, or anything in relation is not included in this proposal.
- Bridge Brothers does not perform site elevation references, centerline work, site layout, surveys, or control points.
  - Bridge foundations and/or supports must be surveyed and verify locations/elevations and be provided to Bridge Brothers prior to mobilization.
- Due to the nature of this business, engineering, and market delays shall not result in any consequential or liquidated damages for which Bridge Brothers may be held liable.
- Bridge Brothers reserves the right to make schedule adjustments for installation due to site conditions.



**If you have any follow-up questions in relation to this proposal or require additional information, please feel free to contact us at the following:**

Kenny Adams / Sales Engineer / 770.696.8946 / Kenny@bridgebrothers.com

TURNKEY PREFABRICATED BRIDGES

## Jenny McConville

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**From:** Luke Qu  
**Sent:** Tuesday, October 31, 2023 4:37 PM  
**To:** Jenny McConville  
**Subject:** Staff Report for Council Meeting 12/6/23 - CIP 20-13 Paloma Wash Bridge Manufacturer (Bridge Brothers)  
**Attachments:** Paloma Wash, CA - Bridge Proposal - BB3 Revised.pdf  
**Categories:** Agenda Reports/CC Items

Hi Jenny,

For the subject project, we posted bid on PlanetBids for bridge design/engineering/manufacture/delivery. We only have one bid from Bridge Brothers. After several iterations of negotiations, we decided to award to Bridge Brothers. Please see the link below and attached to the final proposal.

[M:\Public Works Department\ Public Works Projects\CIP Projects\20-13 Paloma Wash Ped Bridge\B- Design\B-7 RFP\Bridge Brothers Inc. for \\$752,422\revision 10-26-23\Paloma Wash, CA - Bridge Proposal - BB3 Revised.pdf](M:\Public Works Department\ Public Works Projects\CIP Projects\20-13 Paloma Wash Ped Bridge\B- Design\B-7 RFP\Bridge Brothers Inc. for $752,422\revision 10-26-23\Paloma Wash, CA - Bridge Proposal - BB3 Revised.pdf)

One thing to notice is that the quote broke into two parts: Bridge Manufacturing - \$689,422, which is subject to sales tax. But Bridge Brothers will not add sales tax to the quote as they will not be charging the City, but that does not mean that sales tax is not applicable. The City will still pay the sales tax but directly to the State. I confirmed this with Purchasing already. Bridge Off Loading - \$63,000. So the total is as follows:

\$689,422.00	Taxable Portion
\$ 60,324.43	Sales Tax
\$ 63,000.00	Non-taxable Portion
<b>\$812,746.43</b>	<b>Total</b>

These numbers were confirmed by Purchasing also.

Could you please prepare a staff report for the Council meeting on 12/6/23 for award? Please let me know if you have any questions.

Thank you.

Luke