



San Antonio Reservoir - TUFFBOOM barrier

Monterey County Water Resources Agency

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Reference: 20260211-070915355

Quote created: February 11, 2026

Quote expires: July 10, 2026

Quote created by: Val Gardner

Business Development

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Comments from Val Gardner

This is a budgetary quote. We are happy to modify or update the quote as needed.

Products & Services

Item & Description	Quantity	Unit Price	Total
TUFFBOOM Waterway Barrier - Yellow TUFFBOOM, Waterway Barrier, Standard, Self-Rescue Handholds, Graphics: "DAM AHEAD KEEP OUT". Supplied complete with bottom connection plates and interboom connection chain. Color: YELLOW	158	\$1,065.00	\$168,270.00
MIG Graphics - DAM AHEAD KEEP OUT Standard Stock MIG Graphics	174	\$49.28	\$8,574.72
Mooring Buoy - BoatBuster Inline Mooring Buoy - Yellow Inline Mooring Buoy, Yellow, Graphics "DAM AHEAD KEEP OUT", in- cludes lug plates. Supplied fully assembled.	16	\$3,619.00	\$57,904.00

Item & Description	Quantity	Unit Price	Total
Mooring Buoy - BoatBuster Multiline Mooring Buoy - Yellow Multiline Mooring Buoy, Yellow, Graphics "DAM AHEAD KEEP OUT", includes lug plates. Supplied fully assembled.	1	\$3,703.00	\$3,703.00
Anchor Buoy - BoatBuster 36x48: to carry the weight of the anchor line for the one mid-span anchor line. BoatBuster Waterway Barrier, Yellow, No Graphics, Internal Axle to fit 1" connection chain	1	\$2,338.60	\$2,338.60
Solar Lights - 1 nautical mile, to be placed on top of BoatBuster Mooring Buoys. Includes mounting hardware.	16	\$432.00	\$6,912.00
Connection for mid-span anchor: wire rope, chain, shackles. Single line wire rope branching out to 4 concrete in-water anchor blocks like designed for Lake Nacimiento.	1	\$14,624.00	\$14,624.00
Chain - 1" GR80 Galv. 1" diameter, Grade 80, galvanized dock fender chain. Unit of measure: per foot.	120	\$35.00	\$4,200.00
Anchor Shackle - 1-1/4" 1-1/4" Anchor Shackle, Bolt Type, HDG, WLL 12t	12	\$65.60	\$787.20
Span cable to run below TUFFBOOM and offer redundancy and additional strength. 475 foot long span. Includes 1" diameter wire rope, 3-links of chain, wire rope clips and shackles.	2	\$7,872.00	\$15,744.00
Span cable to run below TUFFBOOM and offer redundancy and additional strength. 425 foot long span. Includes 1" diameter wire rope, 3-links of chain, wire rope clips and shackles.	2	\$7,360.00	\$14,720.00
Boat Gate with 60-foot wide gate opening (like the gate at Lake Nacimiento). Include Graphics - DAM AHEAD KEEP OUT on reservoir side floats and on the gate opening floats	1	\$29,634.24	\$29,634.24
Engineering/Design Tier 3 Engineering with anchor design and load calculations. Engineering/Design Services including 60%, 90% and IFC drawings stamped by a California P.Eng.	1	\$50,048.00	\$50,048.00

Item & Description	Quantity	Unit Price	Total
Installation of TUFFBOOM floating barrier with boat gate. Includes the concrete shoreline anchors and in-water anchors. Installation includes the following scope of work: Placing up to 55,000-lbs in-water anchor by barge and crane.	1	\$733,487.00	\$733,487.00
Shipping to San Antonio Dam (Bradley CA) Shipping & Handling Charges (Estimated Freight Only. Subject to rates in effect at time of shipment) Includes 1 full flatbed, 1 full van truck and ½ flatbed.	1	\$19,200.00	\$19,200.00
One-time subtotal			\$1,130,146.76
Total			\$1,130,146.76

Purchase terms

Payment Terms: Net 30 Days

Price Volatility: Global uncertainties are affecting our material costs and shipping costs. Before placing any order, please verify current prices. We are happy to provide updated quotes.

Shipping & Handling Charges: Freight charges are estimated based on rates and fuel surcharges in effect at the time of quotation and are valid for 20 days. Actual freight charges will be based on rates in effect at the time of shipment. Worthington will prepay and invoice freight at cost, and acceptance of this quotation constitutes acceptance of these terms.

Questions? Contact me



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 Business Development
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 1520 Wood Ave. SE
 East Canton, OH 44730
 United States

Terms and Conditions of Sale (Rev 202404)



1. ACCEPTANCE/GOVERNING TERMS: Unless otherwise specifically agreed in writing, the following terms and conditions of sale ("Terms") shall apply to any sale of products and/or services (as defined below) (collectively, "Deliverables") by Worthington Products, Inc. ("WPI") specified either on Quotation from WPI to Purchase (a "Quotation") or an order (whether written or oral) by Purchaser to WPI (an "Order") that was based on a Quotation and that has been accepted by WPI. An Order may be accepted by WPI only by a written sales memorandum, invoice or other written confirmation from WPI promising to provide Purchaser Deliverables as ordered and such acceptance may be subject to the approval by WPI of the creditworthiness Purchaser. Unless otherwise stated, Quotations shall be null and void unless accepted by Purchase within 30 days from the date of the Quotation. Purchaser shall be deemed to have full knowledge of the terms and such Terms shall be binding if either the Purchaser provides written acceptance to WPI or Deliverables referred to herein as delivered to and accepted by the Purchaser. A Quotation accepted by the Purchaser or an Order accepted by WPI, together with these Terms and all Specifications (as defined below) shall constitute the Agreement between WPI and the Purchaser (the "Agreement"). Any additional or different terms and conditions prepared by Purchaser are deemed to be unacceptable to WPI (are expressly objected to and rejected by WPI and shall not become a part to this Agreement. In the event of a conflict or inconsistency between the Terms herein and the terms and conditions contained in any acknowledgement or in any other form issued by Purchaser whether or not any such form has been acknowledged or accepted by WPI the Terms herein shall prevail unless specifically indicated in writing.
2. INTERPRETATION: In this Agreement: "Products" means all products, goods, supplies, components, material, articles, systems, processes, and/or equipment to be provided by WPI to Purchaser pursuant to this Agreement: "Services" means all services, labour, work, welding, fusion, joining and/or applications of any kind to be provided by WPI to Purchaser pursuant to this Agreement and "Specifications" means any and all specifications and instructions and plans for the products and/or services whether provided by Purchaser or WPI pursuant to this Agreement including any document providing the scope and/or design of such Products and/or Services, all functional, technical, operational, performance, quality and similar requirements, drawings, schematics, illustrations, Products and/or Service descriptions and any other data relating to the provision of Products and/or Services.
3. PAYMENTS: Payment for Deliverables provided within the United States and Canada shall be made in full by the Purchaser within thirty continuous days from the invoice date unless otherwise stated in writing on a quotation or proposal issued by WPI. Payment for Deliverables provided to all other destinations shall be made by confirmed irrevocable letter of credit. All amounts due and not paid when due bear interest until fully paid on such overdue amounts at a rate of 1.5 % per month (18% annum). All references to currency herein are to lawful money of Canada and all amounts payable are payable in Canadian dollars for Canadian customer quotations and to lawful money of the United States of America and all amounts are payable in United States dollars for all other customers. If Purchaser fails to make payments in accordance to this Agreement or Purchaser's financial situation becomes unsatisfactory at the sole discretion of WPI, WPI may in its sole discretion either suspend the provision of Deliverables until such payments are made, terminate this Agreement or if applicable require payment in advance for any Deliverables to be provided hereunder.
4. SHIPPING/PRICES: Unless otherwise stated in the Quotation, quoted prices are subject to change by WPI with or without notice until Purchaser's acceptance unless otherwise specified prices stated or quoted to the Purchaser are Ex Works (Incoterms 2010) - WPI's production plant. All costs of shipment and insurance shall, unless agreed otherwise in writing, be for the account of the Purchaser. Unless otherwise agreed, Purchaser shall contract for carriage on usual terms or shall provide shipping instruction to WPI for WPI to arrange for such carriage at Purchaser's risk and expense. Purchaser must obtain at its own risk and expense any export license or other official authorization and carry out, where applicable, all customs formalities necessary for the export of the Deliverables. WPI shall provide the Purchaser, at the Purchaser's request, risk and expense assistance in doing so. WPI responsibility for Deliverables ceases upon delivery to the Purchaser at the production plant. In the event of loss or damage during shipment, Purchaser's claim shall be against the carrier only. WPI shall, however, give the Purchaser any reasonable assistance to secure adjustment to the Purchaser's claim against the carrier provided immediate notice of such claim is given Purchaser to WPI.
5. SALES TAX AND LOCAL IMPORT DUTIES: Prices stated or quoted do not include Federal, provincial, state or municipal sales taxes, value-added taxes or other taxes or duties. Where appropriate, WPI's invoices shall include taxes to be collected by WPI, including goods and services tax. Any changes in such taxes between the date of this Agreement and the provision of the relevant Deliverables shall be for Purchaser's account.
6. DELIVERY: Delivery schedules are approximate and are based on the prevailing market conditions applicable respectively at the time of the Quotation and WPI's acceptance of an Order. WPI may extend delivery schedules or may, at its option, cancel Purchaser's order in full or in part without liability other than to return any deposit or prepayment which is unearned by reason of the cancellation. If the parties, instead of specifying a date for delivery of the Deliverables have specified a period of time on the expiry of which such delivery shall take place, such period shall begin upon the later of (i) the acceptance of the relevant Order by WPI or (ii) the receipt by WPI in satisfactory form of all advanced payments as may be required, an agreed securities, all permits and approvals and upon the completion of all other formalities and the fulfillment of any other preconditions set out therein. If Purchaser fails to accept delivery of any Deliverables within 30 days as the time of agreed, Purchaser shall still pay the purchase price as if such acceptance had taken place unless the parties agree upon a new delivery date. WPI will store and insure any such Deliverables at Purchaser's expense and risk. Unless the Purchaser accepts the Deliverables within a final reasonable period determined by WPI, WPI may terminate this Agreement in whole or in part or sell the Deliverables in the reasonable interest of the Purchaser. After thirty (30) days, a storage charge of fifty dollars (\$50) or two-tenths percent (0.2%) of the invoice amount, whichever is greater, may be imposed for each day of a Buyer imposed shipment delay. Buyer imposed shipment delays due to inclement weather or poor jobsite conditions will not be accepted. Further WPI shall be entitled to compensation for any additional costs for losses suffered by WPI due to such Purchaser's failure.
7. DELAY IN DELIVERY: WPI shall forthwith advise Purchaser of any anticipated delays in the provision of the Deliverables. WPI shall not be liable or responsible for any damages, costs, back charges or other expenses incurred by Purchaser due to delay in the provision of Deliverables regardless of the cause of such delay (including equipment failure or malfunction or other commercial delays), whether or not such delay can be attributed to WPI.
8. PERMITS: Purchaser undertakes to obtain, all its own expense, all permits, approvals, consents, waivers, licenses, certificates, and authorizations, or any item of similar effect, as may be necessary or required for the full performance of this Agreement.
9. SECURITY AND RETENTION OF TITLE: If the parties have agreed that security shall be provided by Purchaser under this Agreement, this Agreement shall not become effective and WPI shall not commence any work, production or delivery until such security is provided to the reasonable satisfaction of WPI. WPI and its sole discretion may require Purchaser to place security for the payment of the purchase price if WPI has reason to believe that Purchaser may not be able to pay the purchase price in full when due. WPI has the right to suspend the performance of its obligations under this Agreement if the payment owing by the Purchaser to WPI is overdue (whether pursuant to this Agreement or otherwise) or if Purchaser does not provide security acceptable to WPI when required. Title of the Deliverables shall remain with WPI until paid for in full by Purchaser to the extent that such retention of title is valid under applicable law. Risk of loss and/or damage to Deliverables shall pass from WPI to Purchaser upon transfer and receipt (whether to accepted or not) of Deliverables as provided herein.
10. CANCELLATION: This Agreement is not subject to changes for cancellation by Purchaser, in whole or in part, without prior written consent of WPI. If WPI consents in writing to any changes or cancellation, or if this Agreement is terminated by WPI as a result of the repudiation or breach of any of the terms of this Agreement by Purchaser, WPI reserves the right to charge Purchaser with reasonable costs based upon expenses already incurred and commitments by WPI.
11. SHIPPING ERRORS: Any error in weight, number or other specifications must be noted on the bill of lading and Purchaser shall notify WPI of any claims arising there from in writing within 10 days after receipt by Purchaser of Deliverables. Unless so notified, WPI shall have no liability in respect to any of such error.
12. RETURNED PRODUCTS: No products may be returned to WPI without WPI's prior written consent. WPI reserves the right to decline or accept all returns subject to a handling/restocking charge. The amount of credit, if any, provided by WPI to Purchaser for returned products, shall be at the sole discretion of WPI. Credit for return Products shall be issued to Purchaser only where such Products are returned by Purchaser and not by any subsequent owner.
13. ACCEPTANCE TESTS: Acceptance tests may be carried out only if agreed to in writing by the parties and WPI reserves the right to appoint an independent testing authority if such tests are conducted. If for some reasons beyond WPI's control, the acceptance tests cannot be carried out within the specified time by the parties, the qualities to be determined in the test shall be deemed approved and the Deliverables accepted.
14. JOBSITE AND ACCESS: Purchaser grants to WPI and to such persons or entities as WPI may reasonably designate in connection with the provisions of the deliverables hereunder, full right of access to the job site of the Purchaser as may be necessary for the provision of the Deliverables hereunder subject only to reasonable security restrictions as Purchaser may require and that should be notified in advance to WPI.
15. VEHICLE ACCESS: Where delivery to the job site is included in the price payable by the Purchaser under this Agreement, such delivery should be construed to mean motor truck delivery as close to job site, designated storage area as is practical for loaded standard highway motor trucks and trailers operating under their own power. The Purchaser shall provide and maintain a suitable access, including access roads to the job site, for safe and efficient provisions of the Deliverables.
16. CONFIDENTIALITY: All specifications and other documents and information provided to the Purchaser by WPI shall be treated in confidence by Purchaser. Such items shall remain the exclusive property of WPI and may not, without the prior written consent of WPI, be copied, reproduced or communicated to any third party. All such documents and information shall be returned to WPI upon request.
17. FORCE MAJEURE: WPI shall not be responsible for any direct or indirect damages whatsoever caused by delays beyond the control of WPI, and without limiting the generality of the foregoing, WPI shall not be responsible for any damages due to delays caused by storms, fires, floods, acts of God, labour difficulties, (including lockouts, strikes and slowdowns) material procurement delays (including inability to obtain power, materials, labour, equipment or transportation) acts of war or terrorism, quarantine restrictions, commercial impossibility, court injunctions or order, or any cause beyond its control.
18. WARRANTY: WPI warrants only that the product shall be free from latent defects and shall be made in a workmanlike manner and in conformity with the specifications related thereto. To the extent Services are to be provided hereunder, WPI warrants only that all work rendered shall be provided in a workmanlike manner and in conformity with the Specifications related thereto. For a period of 24 months following the shipping date of any products or the provision of any Service, as applicable, but not thereafter, upon demonstration that any such Products and/or Services include latent defects or do not materially conform to the specifications as applicable, attributable to WPI as manufacturer or Service provider. WPI shall at its sole option, repair or replace such defective Product or re-perform the Service free of charge per Ex Works (Incoterms 2010) or equivalent, or allow credit to the Purchaser in equal amount, provided that the Purchaser gives written notice to WPI of the alleged defect or material nonconformity within 7 days of its discovery and submits to WPI on demand, for examination and testing, all such Products allegedly defective or which allegedly do not materially conform to the Specifications or provides to WPI on demand, access to the Purchaser's premises or job site, as applicable, for examination and testing of all services which allegedly do not materially conform with the Specifications. In default of such notice and submission, all responsibility on the part of WPI to repair, replace, correct, re-perform or allow credit shall cease. Any products (or parts thereof) returned to WPI pursuant to this provision shall become the property of WPI. Any products not manufactured by WPI or Services not provided by WPI are not warranted, except in so far as the same are warranted to WPI by the manufacturer of such Products or the provider of the Services, but in no event does WPI bind itself to any greater warranty than the ones provided for herein at WPI's sole option. When Products and/or Services are provided in accordance with Purchaser's Specifications, WPI assumes no liability for loss or damage arising from improper or inadequate design or instructions and when provided based on or using materials provided by Purchaser, WPI assumes no liability for loss or damage arising from defects in or inadequacy of such materials. To the extent that any Deliverable is to be repaired, replaced, corrected or performed as provided for herein, WPI shall not be liable for any damage caused by its course of removing, lifting up, dismounting, transportation, mounting or establishment in connection with such Deliverables.
19. LIMITED WARRANTIES: It is understood and Purchaser agrees that the warranties provided in above 18 constitute WPI's sole warranties with respect to the Deliverables and that all other warranties, express or implied, legal or contractual, on the part of WPI with respect to the Deliverables and that all other warranties, are hereby excluded, and in particular, but without limiting the generality of foregoing, no liability is assumed nor is WPI responsible for damages or delays caused by defective materials or workmanship or negligence of WPI, nor shall any allowances for repairs, alterations or re-performance be made unless effected with the prior written consent of WPI. Further, WPI shall not be responsible for any damage or delays caused by defects arising out of faulty maintenance, incorrect installation, incorrect operation, excess of loading from erosion, cavitation, abnormal soil conditions, unsatisfactory foundation, excessive stress during sinking, building or installation work not undertaken by WPI and another reason beyond WPI's control.
20. LIMITED LIABILITY: Notwithstanding any other provision of this Agreement, to the maximum extent permitted under applicable law, in no event, and under no circumstances shall the aggregate liability of WPI (including remedies for defective goods, rectification work and damages) exceed the aggregate purchase price Ex Works (Incoterms 2010) for the applicable Products and/or service provided pursuant to this Agreement. WPI shall not be liable under any circumstances for any incidental, consequential, indirect, special or punitive damages arising out of or related to the Performance of this Agreement or the provision of or failure to provide the Deliverables, including without limitation, damages or injuries to any person (including death), loss of profits, loss of business revenue, loss of production, loss of use, loss of contracts, interruption of operation, failure to realize expected savings or other commercial or economic losses of any kind, whether or not foreseeable, whether such liability is based in contract or tort, negligence, strict liability or otherwise, or whether or not WPI has been the advised of the possibility of any such liability.
21. INDEPENDENT CONTRACTOR: WPI is an independent contractor of Purchaser and nothing in this Agreement can be read to imply or construe WPI as a partner, agent or employee of Purchaser. Neither party shall have authority to commit or create any liability on the part of the other or to bind the other party in any way.
22. DISPUTES: Unless otherwise agreed in writing, any controversy, claim, or dispute arising out of or relating to this Agreement shall be conclusively resolved by binding arbitration administered in accordance with the Commercial Arbitration Rules of the American Arbitration Association (AAA). The place of arbitration shall be Cleveland, Ohio, and the proceedings shall be conducted in English. The arbitration shall be conducted before a single arbitrator mutually agreed upon by the parties, or, if the parties cannot agree, appointed in accordance with the AAA Rules. Notwithstanding the foregoing, WPI reserves the right to initiate legal proceedings in any court of competent jurisdiction for the purpose of collecting any unpaid invoices.
23. WAIVER'S: No failure or delay by WPI in enforcing any of the terms and conditions of this Agreement shall prejudice, or restrict its rights and powers under this Agreement nor shall any waiver of any breach operate as a waiver of any subsequent breach.
24. GENERAL: This Agreement: (a) shall be governed by and enforced in accordance with the laws of the State of Ohio and the federal laws of the United States of America applicable therein and the parties consent to venue in Ohio and the parties agree that the United Nations Convention on Contracts for the International Sale of Goods (CISG) and any state or federal law enacting the CISG, including but not limited to any version of the International Sale of Goods Act, shall not apply to this Agreement. (b) This Agreement may not be assigned or transferred by Purchaser, in whole or in part, without the prior written consent of WPI. Any attempted assignment without such consent shall be null and void. (c) This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors, permitted assigns, and legal representatives. (d) This Agreement constitutes the entire agreement between the parties with respect to its subject matter, and supersedes all prior or contemporaneous agreements, negotiations, representations, and warranties, whether written or oral. No amendment or modification shall be binding unless in writing and signed by both parties. Any provision of this Agreement that contemplates performance or observance subsequent to any termination or expiration of this Agreement (in whole or in part) shall survive any such termination or expiration and continue in full force and effect. No modifications



**Every storm carries debris downstream.
The question for dam operators is where that debris ends up.**

Helps Maintain Spillway Capacity

Guides debris away from gates and outlet structures during storm events.

Protects Hydropower Intakes

Prevents floating debris from reaching trash racks and turbine inlets.

Establishes Visible Safety Zones

Keeps boaters and recreational users away from hazardous areas near dams.

Floating debris can block spillways, restrict hydropower intakes, and create serious safety hazards around dams.

During major rainfall events, reservoirs can receive large volumes of floating debris, including logs, vegetation, and storm-driven material from the watershed. When debris accumulates near spillways or intake structures, it can reduce operational flexibility and increase risk during high-flow conditions.

TUFFBOOM floating barrier systems help dam operators guide debris away from critical infrastructure while establishing clear safety zones around hazardous areas.

Installed at dams and hydropower facilities in more than 67 countries.



Worthington | TUFFBOOM Series

Floating debris barriers often appear simple, but during major storm events the forces acting on them can be significant. Reservoirs can receive large volumes of logs, root balls, vegetation mats, and other floating material carried downstream from the watershed.

THE ENGINEERING CHALLENGE

As debris accumulates against a barrier, water forces increase and the barrier system begins to act as a structural element within the flow. These conditions create substantial loads on the floats, interconnections, and anchoring system that must be considered during design.

Worthington barrier systems guide debris away from critical structures before it can accumulate at spillways or intakes.

Debris Accumulation Load

Large storm events can create debris fields that apply significant pressure along the barrier line.

Hydraulic Forces

Water velocity and flow conditions create continuous loading on the barrier system.

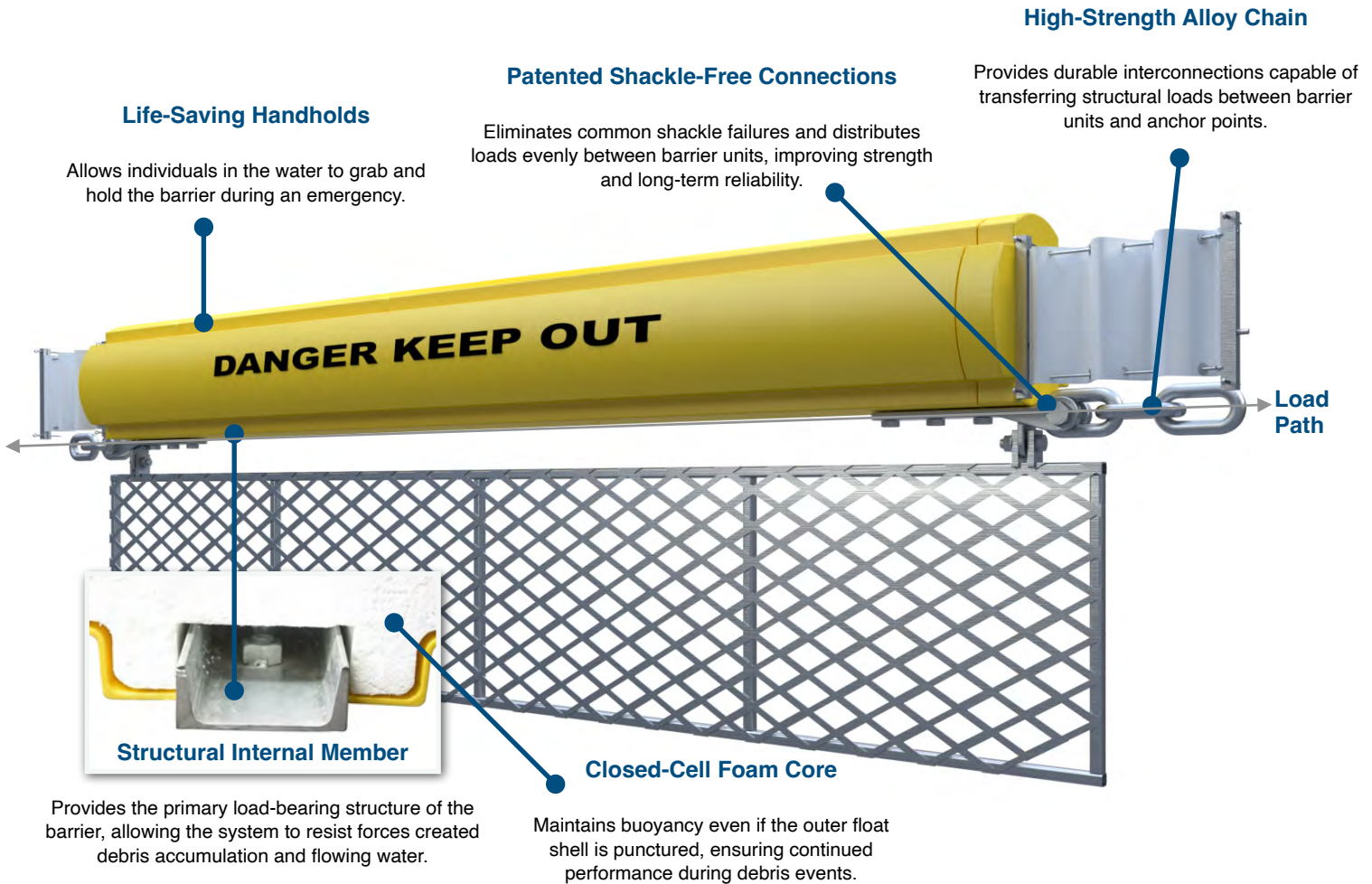
Structural Load Transfer

Shoreline and in-water anchors transfer forces from debris accumulation and flowing water into the anchoring system.



Engineering the TUFFBOOM System

The forces created by debris accumulation, flowing water, and anchoring loads require barrier systems designed for structural performance and long-term reliability. TUFFBOOM barrier units incorporate several design elements that allow the system to withstand demanding dam and hydropower environments.



Optional System Components

- Debris containment screens
- Fine debris panels
- Permanent graphics and warning markings
- Retroreflective tape
- Solar Lighting
- Custom Colors

Feature	TUFFBOOM Standards
Diameter	40.6 cm (16 in)
Float Length	305 cm (120 in)
C-CLength when connected	340 cm. (134 in)
Weight (dry)	64 kgs (141 lbs)
Buoyancy	317 kgs (700 lbs)
Freeboard	30.5 cm. (12 in)
Design Strength	130 kips
Spacing Between Units	39 cm. (15.5 in)
Internal Construction	C4 Channel w/ EPS Foam



Proven in Demanding Dam Environments

TUFFBOOM barrier systems are installed at dams, hydropower plants, and water control structures around the world. These systems operate in environments ranging from debris-laden river systems to large reservoirs exposed to extreme rainfall events, seasonal floods, and ice conditions.

Over time, operators often find that debris events that once required urgent response become controlled conditions managed by the barrier system.

Spillway Protection



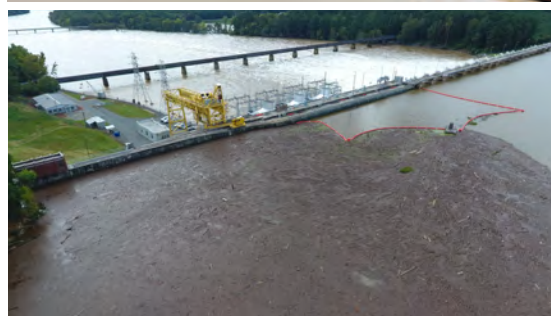
Debris Interception System



Public Safety Barrier



Post-Fire Debris Containment



Hydropower Intake Protection



Spillway Gate Protection

THE WORTHINGTON APPROACH

Worthington works with dam owners, engineers, and contractors to evaluate site conditions, debris loads, and hydraulic forces before recommending a barrier system configuration. This collaborative approach helps ensure the system performs reliably under real operating conditions.

Curious how debris might behave at your dam or hydropower plant?

Our videos show real events, barrier features, and lessons learned from installations around the world.

Explore the video library:
<https://www.youtube.com/c/Tuffboom>



Worthington barrier systems help dam owners manage debris, protect critical structures, and improve public safety around water dams.



Tel: 330-452-7400
Email: support@tuffboom.com

www.tuffboom.com

Scope of Services

Worthington understands the scope of services for this project to include the following:

- Mobilization
- Anchor installation
- TUFFBOOM and Mooring buoy assembly and Installation
- Boat Gate Installation

The diving services/marine construction will be performed by an Association of Diving Contractors International (ADCI) five person dive team utilizing surface-supplied air diving equipment. All team members will be properly equipped and trained, and all diving operations will be conducted in accordance with the Occupational Safety and Health Administration Commercial Diving Operations Standard (OSHA 29 CFR 1910, Subpart T), and ADCI Consensus Standards.

Schedule

We anticipate being able to mobilize to perform the services within 4 weeks of receipt of a written notice to proceed following an executed contract. We estimate our services will be completed in 34 working days with our crew working 10-hour days Monday through Friday. Please note that scheduling underwater services is dependent upon suitable weather and water conditions to allow commercial diving.

Table 1 Estimated Days

Item	Quantity	Unit
Planning/Mobilization/Demobilization	1	LS
Boom Install	12	Day
Anchor Install	1	LS
Boat Gate	2	Day

This is inclusive of all required management, planning, mobilization, labor, equipment, and direct costs. Specific equipment and direct costs included are as follows:

- Dive Boat with surface supplied dive equipment
- Crane
- Sectional Barges
- Telehandler
- Hand Tools

Invoices will be submitted monthly, and payment is due within 30 calendar days of the invoice date.

Proposal Considerations / Exclusions

Considerations:

- Standard job site and dive safety policies and procedures are acceptable for this project.
- Monterey County is responsible for all coordination required for Worthington to access the site and facilities.
- Access to North and South anchor locations will be provided by Monterey County.
- The North and South onshore anchors may be either precast or cast-in place concrete blocks with a minimum total anchor weight of 52,000 lbs. each and are to be buried a maximum of 2.5 feet.
- The in-water anchor system does not require precision GPS-located placement on the lakebed. Anchor placement within a tolerance of ± 30 ft is acceptable.
- Worthington will verify the local bathymetry prior to anchor placement; however, a complete hydrographic survey is not required.
- Worthington will have access to the south shoreline adjacent to the San Antonio Dam, and the Harris Creek Boat Ramp for equipment and material access and laydown/staging for the duration of the project.
- No dewatering required for this project.
- Worthington will be granted uninhibited access to the project location for the duration of the installation operations. The crew will make a reasonable effort to adjust the work program in the event a portion of the facilities cannot be accessed during a specific period; however, if it becomes necessary to stand down, a cost adjustment may be required.
- The fee is estimated based on work being performed Monday through Friday. If additional days are required, a cost adjustment will be required.
- Worthington will be subcontracted by Worthington for this project.
- Cost estimate proposal was completed with all available information at the time. If new documents or scope change is needed Worthington will need the opportunity to revise the overall price.

Specific Exclusions:

- Monterey County is responsible for all permitting requirements to complete this project.
- Prevailing wages are excluded. Should prevailing wage determination be needed or assigned to this contract, adjustment to this cost proposal will be required.

The estimates and schedules outlined in this proposal are valid for 60 days from the date of the proposal. Worthington appreciates the opportunity to provide these services. Please contact us if you require clarifications or modifications, need additional information, or have any questions regarding this proposal.