

**Addendum No. 3
to the Bidding Documents**

**Schoolhouse Pond Dam Removal, Arnold Pond Dam Removal, and Salmon
Brook Dam Removal Projects
Massachusetts Division of Fisheries and Wildlife
Sutton and Brookfield, MA**

Issued October 28, 2024

Under the provisions of Article 1.0 of the Itemized Proposal with Special Provisions, Bidding Requirements, Bidders are informed that the Bidding Documents for the above mentioned Project are modified, corrected, and/or supplemented as follows. Addendum No. 3 becomes part of the Bidding Documents and Contract Documents.

Acknowledge receipt of this addendum by inserting its number on Page 33 of the Bid form. Failure to acknowledge receipt of the Addendum may subject the Bidder to disqualification.

Project Manual Changes

Item 1-1 Itemized Proposal with Special Provisions – Instructions to Bidders

Delete Page 1 in its entirety and **replace** it with the attached Page 1 to update the work completion date from October 30, 2026 to December 30, 2026.

Item 1-2 Itemized Proposal with Special Provisions – Special Provisions

Delete Page 7 in its entirety and **replace** it with the attached Page 7, to update the work completion date from October 30, 2026 to December 30, 2026.

Item 1-3 Itemized Proposal with Special Provisions – Proposal

Delete Page 34 in its entirety and **replace** it with the attached Page 34, to update the work completion date from October 30, 2026 to December 30, 2026.

Item 1-4 Section 01571 – Control of Water

Delete Page 01571-2 in its entirety and **replace** it with the attached Page 01571-2, to change Proposed Peak Water Surface Level (FT, NAVD83) to Proposed Peak Water Surface Level (FT, NAVD88).

Item 1-5 Section 13127 – Prefabricated Bridge

Delete the following from Section 1.4.I:

“2. Wood decking shall be free of rot, termite damage, and fungal decay for a period of ten years.”

Item 1-6 Section 13127 – Prefabricated Bridge

Delete the following from Section 2.2.A:

“, except that ASTM A500 tubing shall not be used”

Bidding Period and Pre-bid Meeting Questions & Responses

The following responses/clarifications are based on questions raised during the bidding period and pre-bid meeting conducted on October 22, 2024. The pre-bid meeting agenda and a list of attendees at the October 22, 2024 pre-bid meeting is attached.

1. Southern Yellow Pine decking may not be warrantable for a period of 10 years. Paint may not be warrantable for 25 years. Please comment on whether or not both of these warranty requirements can be adjusted accordingly or waived.

The warranty requirement for the pressure treated southern pine decking has been removed. The structure is no longer required to be galvanized (see response to Question 5). The 25-year warranty on painted steel components applies to laminating rust on the steel component itself and not the paint.

2. Please indicate if it is acceptable for anchor bolts to be excluded from the fabricator scope of supply.

Any element of the pedestrian bridge that is specified in the project plans and specifications as being designed and furnished by the fabricator may also be designed and furnished by the Contractor. The same design and material standards shall apply. Design shall be stamped by a professional engineer licensed in the Commonwealth of Massachusetts.

3. Spec section 2.2 of the prefabricated bridge specification indicates that ASTM A500 tubing shall not be used. What type of steel is allowed/required?

ASTM A500 tubing will be allowed, see Project Manual Changes Item 1-6 above. All structural steel shall still conform to Section 6.4.1 of the AASHTO LRFD Bridge Design Specifications.

4. To accommodate the galvanizing process for the prefabricated pedestrian bridge, drain/vent holes will need to be provided on closed members of the truss (verticals and diagonals). Will these drain holes need to be plugged after galvanizing, or can they be left open?

The structure is no longer required to be galvanized (see response to Question 5). If holes do still exist in steel members away from the low point of the member in the final condition, then they do need to be plugged. If holes exist at or near low point such that they would allow for drainage in the final condition, then they shall be left open.

5. Please clarify the steel type and finish requirement for the prefabricated bridge.

The structure is no longer required to be galvanized. Please ignore reference to galvanizing on the project plans and instead refer to Specification 13127 Section 2.3 for finish requirements. The structure may be either painted steel or weathering steel.

6. Will retainage be released per dam removal or at the completion of the entire project?

Retainage will be accounted for and released by dam removal site and not for the overall project.

7. Will the warranty apply to the completion date of each dam removal or the completion date of the entire project?

The warranty period will apply to the completion date of the separate dam removal sites.

8. Will M/WBE participation goals be applied to each dam removal or the entire project?

M/WBE participation for the three dam removal sites will be added, divided by the total project value to determine M/WBE participation relative to the total M/WBE goal and MBE and WBE goals.

END OF ADDENDUM NO. 3

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THE COMMONWEALTH OF MASSACHUSETTS: NOTICE TO CONTRACTORS:

The Department of Fish and Game, through the Division of Fisheries and Wildlife, invites sealed bids for a project consisting of removal of Schoolhouse Pond Dam, Arnold Pond Dam, and Salmon Brook Dams. Schoolhouse Pond Dam Removal includes demolition of a concrete, stone, and earthen dam, construction of precast concrete culvert and wingwalls, construction of pilot channel through former impoundment, riprap slope protection, boulder riffle grade control, guardrail, pavement restoration, streambed restoration, tree plantings at cemetery located at 20 Armsby Road; site restoration, water control and miscellaneous work in the Town of Sutton, MA. Arnold Pond Dam Removal includes demolition of the existing concrete, stone, and earthen dam, embankment regrading, installation of pedestrian bridge, construction of cast-in-place concrete abutments, placement of recovered stone around bridge abutments, site restoration, water control, and miscellaneous work in the Town of Sutton, MA. Salmon Brook Dams Removal includes establishing access route to dams, demolition of a concrete, stone, and earthen dam, demolition of a second earthen embankment dam, demolition of stone culvert, site restoration, and miscellaneous work in the Town of Brookfield, MA. The work shall be performed in accordance with plans and specifications prepared by Tighe & Bond, Inc. The estimated project value is (\$2,072,000).

Bids will be submitted on the forms furnished by the Department in the bid package and will be received at the Massachusetts Office of Fishing and Boating Access, One Rabbit Hill Road, Westborough, Massachusetts, 01581, until 11:00 AM, local time, Tuesday, November 5, 2024, at which time they will be publicly opened. All bids must be submitted in accordance with the Contract Documents and shall be accompanied by a bid deposit in the amount of 5% of the value of the bid. Bid deposits, payable to the Commonwealth of Massachusetts, Department of Fish and Game, shall be in the form of a bid bond, certified, cashier's or treasurer's check issued by a responsible bank or trust company.

Contract Documents will be available after October 9, 2024 from the Tighe & Bond website located at <http://www.tighebond.com/Projects-Out-to-Bid/> Prospective bidders are required to register on the Tighe & Bond website to download Bidding Documents.

A non-mandatory pre-bid meeting will be held on October 22, 2024 at 10:00 AM, local time, at MassWildlife Field Head Quarters at 1 Rabbit Hill Road, Westborough, MA, 01581. Bidders must be pre-qualified by the Massachusetts Dept. of Transportation (MassDOT) Highway Division in the Dam Construction category to bid on the above project. An award will not be made to a Contractor who is not pre-qualified by MassDOT Highway Division in the Dam Construction category prior to the opening of proposals. Bidders shall also have a minimum of 10 years of experience and shall have successfully completed at least five dam and roadway culvert construction projects of similar size within the last 10 years. Additional qualification requirements apply. Submit a summary of experience and representative projects with references to show compliance with the requirements listed above. Minimum wage rates for this project have been predetermined by M.G.L. under Chapter 149, Section 26 to 27D, inclusive. Proposals that do not have the Affidavit (of non-collusion, etc.) properly completed will be declared informal. Bids are subject to provisions M.G.L. Chapter 30, Sections 39F, 39G, 39H, 39K and 39M and Chapter 149, Sections 44A to 44H, inclusive. This contract is subject to all State Laws and Regulations concerning Minority Business Enterprises including Executive Order 237. The right is reserved to waive any informality in or reject any or all proposals. **An award will not be made to any Contractor who is not able to complete the work no later than December 30, 2026.**

By: Tom O'Shea, Commissioner of Department of Fish and Game.

**SPECIAL PROVISIONS FOR SCHOOLHOUSE POND DAM, ARNOLD POND DAM, AND
SALMON BROOK DAM REMOVALS PROJECT,
VARIOUS LOCATIONS
SUTTON, MASSACHUSETTS AND BROOKFIELD, MASSACHUSETTS**

**THE GENERAL CONTRACTOR'S MINORITY EMPLOYEE PERCENTAGE FOR THIS JOB
WILL NOT BE LESS THAN 5%**

Work to be Done

The work to be done consists of removing of Schoolhouse Pond Dam including demolition of a concrete, stone, and earthen dam, construction of precast concrete culvert and wingwalls, construction of pilot channel through former impoundment, riprap slope protection, boulder riffle grade control, guardrail, pavement restoration, streambed restoration, tree plantings at cemetery located at 20 Armsby Road; site restoration, water control and miscellaneous work in the Town of Sutton, MA. Arnold Pond Dam Removal includes demolition of the existing concrete, stone, and earthen dam, embankment regrading, installation of pedestrian bridge, construction of cast-in-place concrete abutments, placement of recovered stone around bridge abutments, edge of bank restoration; site restoration, water control and miscellaneous work in the Town of Sutton, MA. Salmon Brook Dams Removal includes establishing access route to dams, demolition of a concrete, stone, and earthen dam, demolition of a second earthen embankment dam, demolition of stone culvert, site restoration, and miscellaneous work in the Town of Brookfield, MA. The work required shall be completed as shown on the plans, as specified herein and as directed. All work must be completed no later than December 30, 2026, **although intermediate milestones are to be adhered to.**

Plans

The location and details of the work to be done are shown on three sets of plans including the following:

- A set of plans consisting of nine (9) sheets entitled “**Massachusetts Division of Fisheries and Wildlife, Arnold Pond Dam Removal Project, Sutton, Massachusetts**” dated October 2024, and hereby referred to and made part of these Specifications.
- A set of plans consisting of seventeen (17) sheets entitled “**Massachusetts Division of Fisheries and Wildlife, Schoolhouse Pond Dam Removal Project, Sutton, Massachusetts**” dated October 2024, and hereby referred to and made part of these Specifications.
- A set of plans consisting of seven (7) sheets entitled “**Massachusetts Division of Fisheries and Wildlife, Salmon Brook Dam Removal Project, Brookfield, Massachusetts**” dated October 2024, and hereby referred to and made part of these Specifications.

These plans are attached hereto. These plans are on file at the offices of Tighe & Bond, Inc, 53 Southampton Road, Westfield, MA 01085.

Physical Data

The information and data furnished herein are provided for the Contractor's information, however, it is expressly understood that the Engineer will not be held responsible for any interpretation or conclusion drawn there from by the Contractor.

General

The Contractor must satisfy himself, by his own investigation and research, regarding conditions affecting the work to be done and the plant equipment, labor and materials needed, and make his bid sole reliance thereon.

Wherever the term "Standard Specifications" is used hereinafter in these Special Provisions, it shall mean the Standard Specifications for Highways and Bridges of the Department of Public Works of Massachusetts, 1988 Edition and any and all addenda and revisions thereto, with the following exceptions: Section 1.17 "Department" shall be defined as the Commonwealth of Massachusetts, Department of Fish and Game, Division of Fisheries and Wildlife, Section 1.19 "engineer" shall be

1A	Allowance	Price adjustment for HMA mixtures as related to the Schoolhouse Pond Dam removal.	\$500	Five hundred dollars
1B	Allowance	Price adjustment for diesel fuel as related to the Schoolhouse Pond Dam removal.	\$1,500	One thousand five hundred dollars
1C	Allowance	Price adjustment for gasoline as related to the Schoolhouse Pond Dam removal.	\$1,500	One thousand five hundred dollars
2	1	Removal of Arnold Pond Dam, the lump sum price of		
3	1	Removal of Salmon Brook Dams, the lump sum price of		
TOTAL AMOUNT OF BASE BID PLUS ALLOWANCES:				
In Words:				
In Figures:				

The foregoing prices shall include the furnishing of all materials (except as herein otherwise specified) the performing of all the labor requisite or proper, and the providing of all the necessary machinery, tools, apparatus and other means of construction, the doing of all the above mentioned work in the manner set forth, described and shown in the specification and on the drawings for the work and in the form of the contract, and the completion thereof by **December 30, 2026**. The period of work shall begin from the day when the Contractor's copy of the contract will have been delivered.

If this proposal shall be accepted and the undersigned shall fail to contract as aforesaid mentioned and to give bond in the sum to be determined as aforesaid with surety satisfactory to the Department within ten (10) calendar days from the date of the mailing of a notice from the Department to him according to the address herewith given; that the contract is ready for signature, the Department may at its option, determine that the bidder has abandoned the contract, thereupon this proposal and the acceptance thereof shall be null and void, and the proposal guaranty submitted, covering this proposal shall become the property of the Department otherwise the said proposal guaranty shall be returned to the undersigned.

The undersigned offers the following information as evidence of his qualifications to perform the work as bid upon according to all the requirements of the plans and specifications.

1. Have been in business under present name for _____ years

- 5) Identify the name, address and telephone number of the person(s) responsible for implementing this plan.

1.3 PROJECT CONDITIONS

A. Estimated Flood Characteristics

1. Existing Conditions:

The following flood flow and elevation information was estimated for Arnold Pond by Tighe & Bond as part of the hydrologic and hydraulic evaluation report dated December 19, 2023.

Flood Event	Freeboard (feet)	Outflow (cubic feet per second)	Peak Water Surface Elevation (feet, NAVD88)
5-year flood	7.5	24	598.5
10-year flood	7.2	37	598.8
25-year flood	6.6	65	599.4
50-year flood	6.1	91	599.9
100-year flood	5.4	132	600.6

Once Arnold Pond Dam is breached allowing the free flow of water, water levels are controlled by the dam at Adams Pond. Tighe & Bond has estimated the following resulting flood characteristics:

Flood Event	Precip Depth (Inches)	Peak Inflow (CFS)	Peak Water Surface Level (FT, NAVD88)
2-year flood	3.28	111.1	597.0
5-year flood	4.25	218.7	597.3
10-year flood	5.06	322.6	597.6
25-year flood	6.19	482.0	598.0
50-year flood	7.06	612.9	598.2
100-year flood	7.92	747.5	598.3

B. Design Criteria

1. Control water for normal flows and small rainfall events that will occur routinely during construction so as to protect the work, private property, and private infrastructure without mobilizing turbidity from the pond bottoms.
2. Contractor shall be responsible for selection of the design storm and flood elevation for design of the cofferdam and water control system. The drawings show sample water control phasing and maximum cofferdam limits for permitting purposes.

Schoolhouse Pond Dam Removal, Arnold Pond Dam Removal, and Salmon Brook Dam Removals Project

Massachusetts Division of Fisheries & Wildlife

LOCATION: MassWildlife HQ, Westborough, MA

DATE: October 22, 2024

START TIME: 10:00 AM

1. Introductions

- a. Owner & Engineer Introductions
- b. Sign-in sheet

2. Schoolhouse Pond Dam Removal Work

- a. Mobilization and site preparation, including clearing and grubbing;
- b. Install erosion controls at project area and turbidity curtain at Welsh Pond;
- c. Lower impoundment level, and install water controls;
- d. Excavate pilot channel through Schoolhouse Pond;
- e. Removal of concrete outlet structures and existing corrugated metal culvert while maintaining stream flow;
- f. Installation of precast box culvert, headwalls and wingwalls;
- g. Installation of boulder riffle and riprap slope;
- h. Replacement of bituminous concrete paving;
- i. Installation of highway guardrails; and
- j. Site restoration including loam and seed.

3. Arnold Pond Dam Removal Work

- a. Mobilization and site preparation, including clearing and grubbing;
- b. Implementation of erosion and sediment controls at project area;
- c. Lower impoundment level, and install water controls;
- d. Removal of outlet structure and selective demolition of stone masonry walls;
- e. Abandonment of existing culvert;
- f. Removal of full vertical extent of a portion of the dam;
- g. Installation of pedestrian bridge and associated cast-in-place concrete abutments;
- h. Sediment excavation and placement;
- i. Construction of footpath;
- j. Installation of removable bollards; and
- k. Site restoration including loam and seed.

4. Salmon Brook Dam Removal Work

- a. Mobilization and site preparation;
- b. Establishing temporary access to the site, including clearing and grubbing, invasive plant treatment; construction of temporary access to the site;
- c. Implementation of water control and erosion controls;
- d. Controlled reduction in water levels of two ponds;
- e. Demolition of existing concrete and stone outlet structures;
- f. Removal of full vertical extent of Salmon Brook dam, and a small unnamed dam;
- g. Removal of a stone culvert; and
- h. Site restoration including loam and seed, and tree plantings.

5. Project Coordination/Work Constraints

- a. Coordinate 8 Lots Road Closure with the Town of Sutton DPW, Fire, Police, and Emergency Services.
- b. Coordinate Cemetery Tree Plantings with the Sutton Tree Warden.
- c. Contractor must complete Schoolhouse Pond Dam Removal and Arnold Pond Dam Removal by December 30, 2025.
- d. Contractor must complete Salmon Brook Dam Removal by December 30, 2026.
- e. For budgeting purposes, 75% or greater of expenditure for Salmon Brook shall be expended following July 1, 2026.
- f. Impoundment levels at Salmon Brook Dam and the small unnamed dam must be lowered between September 30 and March 1.
- g. Review invasive species Appendix 1-5, MassWildlife BMPs. Review Salmon Brook invasive species removal requirements.
- h. Salmon Brook Dam historical review is still in-process. Drawings include a reasonable assumption for protective measures to implement.
- i. Review requirements of Section 01140, Work Restrictions.
- j. Review requirements of Section 01310, Coordination, for detailed coordination requirements and sequence of construction guidelines.

6. Preparation of Bid

- a. Refer to Instructions to Bidders on page 2.
- b. Submit 1 copy of complete Bid package.
- c. Bid Security (5%)
- d. Refer to Itemized Proposal with Special Provisions (i.e. bid deposit, performance bond, insurance, etc.).
- e. Written questions must be received at least 5 business days prior to bid opening or the questions may not be answered.
- f. Addenda will be issued at least 3 business days prior to Bid opening.
- g. Prevailing wage rates apply to the Work.

7. Bidder Qualifications

- a. Pre-qualified by the Massachusetts Department of Transportation (MassDOT) Highway Division in the Dam Construction Category for the value of their bid.
 - i. Have a minimum of 10 years of experience
 - ii. As prime contractor, have successfully completed at least five dam and roadway culvert-related construction projects of similar size, defined as in excess of \$500,000 in value per project, within the last 10 years. This experience shall consist of at least one project that includes the removal of a state-registered dam, at least one municipal or state culvert or bridge project, and at least one project in excess of \$1,000,000 in value.

8. Bid Opening – November 5, 2024 at 11 a.m. at the Massachusetts Office of Fishing and Boating Access, One Rabbit Hill Road, Westborough, Massachusetts, 01581. Bids are valid for 60 days.

9. Contract Times (Itemized Proposal with Specialized Provisions)

- a. Completion by December 30, 2026.
- b. Liquidated Damages – See schedule on Page 10.

10. Permits (Itemized Proposal with Specialized Provisions)

- a. Schoolhouse Pond Dam Removal and Arnold Pond Dam Removal:
 - i. An Order of Conditions from the Sutton Conservation Commission, a Chapter 253 Dam Safety Permit from the Massachusetts Office of Dam Safety, a 401 Water Quality Certification form the Massachusetts Department of Environmental Protection, and a 404 Permit from the Army Corps of Engineers are included for each of the projects in the bid documents and must be followed during the Work.
 - ii. Permit conditions may differ by project.
- b. Salmon Brook Dam Removals:
 - i. A 401 Water Quality Certification from the Massachusetts Department of Environmental Protection, is included in the bid documents and must be followed during the Work. An Order of Conditions from the Brookfield Conservation Commission, and a 404 Permit from the Army Corps of Engineers have been applied for and must be followed during the Work. Work shall not begin until all permits have been received. A Chapter 253 Dam Safety Permit from the Massachusetts Office of Dam Safety is not needed for this project.

11. Working Hours (Division 1, Work Restrictions)

- a. Conduct work during weekdays, between the hours of 7:00 a.m. and 5:00 p.m. No equipment or machinery may be started at the site before 7:00 a.m. and all equipment must be shut off by 5:00 p.m.
- b. No work on official Owner holidays except under extenuating circumstances approved by the Owner.

12. Progress Payments (Itemized Proposal with Specialized Provisions)

- a. Monthly payments – 5% retainage withheld

- b. Budgeting by the Owner establishes the timeframes and milestones used in the project.
- c. Owner may request cash flow projects from the Contractor to assist with budgeting.
- d. Owner requests separate pay applications for each site for budget tracking purposes.

13.Final Payment (Itemized Proposal with Specialized Provisions)

- a. Contractor submits final Application for Payment, including
 - Documentation required by Contract Documents, including evidence of insurance
 - Consent of surety to final payment
 - List of unsettled claims against Owner & Contractor
 - Release of liens
- b. Waiver of Claims
- c. As-built prepared and stamped by a licensed land surveyor in the state of Massachusetts of each dam removal site.

14.Correction Period (Itemized Proposal with Specialized Provisions)

- a. 1-year after Substantial Completion


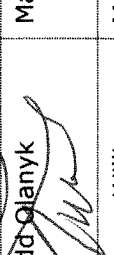
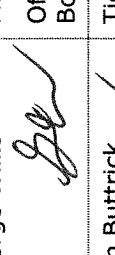
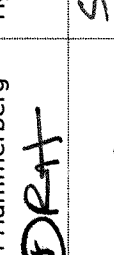
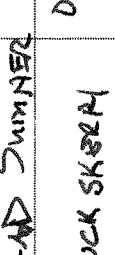
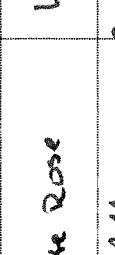
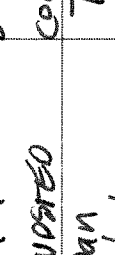
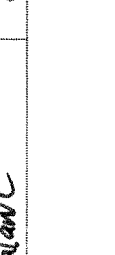

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Schoolhouse Pond Dam Removal, Arnold Pond Dam Removal, and Salmon Brook Dam Removals Project

Non-Mandatory Pre-Bid Conference

Location: MassWildlife HQ, Westborough, MA

Date: October 22, 2024 at 10:00 a.m.

	Name	Company	G.C.? (yes or no)	Address	Phone	Email
1.	Caleb Slater 	MassWildlife	No	1 Rabbit Hill Road Westborough, MA 01581		caleb.slater@mass.gov
2.	Todd Olanyk 	MassWildlife	No	1 Rabbit Hill Road Westborough, MA 01581		todd.olanyk@mass.gov
3.	George Willis 	Mass DFG Office of Fishing and Boating Access	No	1 Rabbit Hill Road Westborough, MA 01581		george.p.willis@mass.gov
4.	Dan Buttrick ✓ 	Tighe & Bond	No	53 Southampton Road Westfield, MA 01085	Cell: 413-237-7489	DRButtrick@tigheBond.com
5.	Dan Hammerberg 	Tighe & Bond	No	53 Southampton Road Westfield, MA 01085	Cell: 203-500-6654	DHammerberg@tighebond.com
6.	CHAD SUMNER 	SumCo Eco-Contracting	YES	2 CENTENNIAL - 4D PEABODY, MA 01960	978-335-3774	C.Sumner@SumCoEco.com estimating@ " "
7.	CHUCK SKERRY 	DAVID G. ROACH & SONS, INC	YES	99 BARRIE DEPOT RD S. BARRIE, MA	413-345-0524	CHUCK.SKERRY@ D6RSONS.COM
8.	Mike Rose 	LET	YES	41 Taunton Green Taunton MA 02740	508-431-3071	M2000@L-E-INC.COM
9.	ADAM LUNDSTED 	SULLO ECO CONTRACTING	YES	2 CENTENNIAL - 4D PEABODY, MA 01960	603-732-6830	alundsted@sumcoeco.com
10.	Dan Galante 	T Ford Company	YES	124 Terry St. Georgetown, MA 01833	508-726-4086	dancetford.com

	Name	Company	G.C.? (yes or no)	Address	Phone	Email
11.	Larry Bronner	JTS Contractors	yes	101 Billarian Ave North Billerica, MA	978-265-1927	Larryb@jtscontractor.com
12.	John					
13.	Bill Beck	Costello DISMANTLING		Wareham MA	774-242-7092	dmbowd654@gmail.com
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