



Request for Proposal Engine Dynamometer WC-2708

This is Not an Order

Administered by:

Washington County Community College
1 College Dr.
Calais, ME 04619

Engine Dynamometer

Issued Date:

September 4, 2026

Response Deadline Date/Time

September 18, 2026 at 1:00 PM

Response Contact Information:

Jake Mumme

Email: jmumme@mainecc.edu

Phone: (207) 454-1075

Response Submission Information

Mail to: Ashley Macdonald

Manager of Financial Services

1 College Dr

Calais, ME 04619

Electronic Submissions to amacdonald@mainecc.edu

Subject Line: WC2708- Engine Dynamometer

Request for Proposal Engine Dynamometer

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Request for Proposal Engine Dynamometer

1.0 Introduction

Washington County Community College (WCCC) is soliciting competitive bids from qualified vendors for one complete engine dynamometer training and testing system for instructional use. The College seeks a safe, durable, commercially supported system that allows students and instructors to operate engines under controlled load, observe engine performance, collect and analyze operating data, and conduct repeatable instructional testing.

The specifications are intended to describe WCCC's minimum functional needs and are not intended to restrict competition to a particular manufacturer, proprietary design, or model. Equivalent equipment and alternative system designs will be considered when the bidder demonstrates that the proposed system meets or exceeds the functional and performance requirements.

A detailed explanation of the scope and specifications is contained in **Section 6.0, Specifications**. Preference will be given to the proposals conforming to the specifications provided; however, alternate recommendations may be considered. If a vendor chooses to make inquiries on the specifications provided, the rules set forth in **Section 8.0, Interpretation of Contract Documents**, apply. WCCC reserves the right to accept or reject any or all of the proposals received, in part or in whole.

2.0 Background

Washington County Community College is a member of the Maine Community College System serving Washington County and surrounding communities.

3.0 Schedule / Modifications

Description	Day/Date	Time
RFP Issued	September 4, 2026	
Questions Due	September 15, 2026	1:00 P.M. ET
Proposals Due On	September 18, 2026	1:00 P.M. ET
Award Decision & Notification	September 22, 2026	

WCCC reserves the right to modify the schedule through written addenda.

4.0 Examination of Specifications and Schedule

Each bidder or authorized agent is expected to examine the bid specifications, contract documents and all other instructions pertaining to this RFP. Failure to do so will be at the bidder's own risk, and the bidder cannot secure relief on the plea of error in the bid. WCCC reserves the right to accept or reject any and all bids in part or in whole

5.0 Submission of Bids

The bid must be signed by a person having proper authority to legally obligate the offering company and must be received by the date and time stated on the cover page.

All proposals are to be marked "WC2708 Engine Dynamometer" and mailed to:

Ashley Macdonald
Manager of Financial Services
Washington County Community College
1 College Dr. 04619

Proposals may also be e-mailed to: amacdonald@mainecc.edu with the subject line "WC2708-Engine Dynamometer"

6.0 Specifications

The specifications set forth in this Request for Proposal represent the College's minimum requirements and are provided for the purpose of allowing the College to compare proposals. Any proposed deviations, substitutions, or alternative configurations must be clearly identified in the bidder's proposal and are subject to approval by the College.

6.1 Scope

The successful bidder shall furnish one complete engine dynamometer training and testing system, including the equipment, controls, data acquisition, software, instrumentation, mounting components, accessories, documentation, delivery, and services identified in the bidder's proposal. The system shall be suitable for instructional use and delivered as a complete operational package.

6.2 Specifications

Requirement	Minimum Specification
General System	Complete engine dynamometer system suitable for instructional testing of gasoline and diesel engines used in automotive and/or light- to medium-duty applications.
Power Capacity	Rated for at least 700 horsepower.
Torque Capacity	Rated for at least 1,300 lb-ft of torque.
Speed Capability	Capable of operation to at least 5,500 RPM.

Control	Electronic or computer-based dynamometer control capable of applying and controlling engine load and/or speed.
Throttle Control	Remote/electronic throttle control, or equivalent, allowing safe engine throttle control from the operator station.
Data Acquisition	Integrated system capable of monitoring, displaying, recording, and storing engine and dynamometer operating data.
Measured Parameters	At minimum: engine RPM, torque, calculated horsepower, temperatures, and pressures. Bidder shall identify included sensors/channels and expansion capability.
Software	Live display, data recording, repeatable test procedures or sequences, storage/retrieval of results, and report or data export capability.
Computer / Operator Station	Computer, display, operator controls, and interface hardware required to operate the proposed system.
Engine Mounting	Engine cart, stand, bed, fixture, or equivalent arrangement capable of securely mounting engines for testing. Bidder shall describe included adapters and mounting hardware.
Driveline / Coupling	Coupling, driveshaft, adapter, or equivalent components required to connect the engine to the dynamometer, with appropriate guarding.
Instrumentation	Temperature, pressure, speed, torque, and other sensors/instrumentation required for normal operation. Bidder shall identify included sensors.
Cooling	Provide or specify dynamometer cooling requirements and included cooling equipment. Clearly identify any facility-supplied water, plumbing, drainage, or other utility requirements.
Exhaust	Provide or specify provisions for connection to an appropriate engine exhaust removal system and identify any required equipment not included.
Safety	Emergency stop capability, appropriate guarding, manufacturer-standard safety controls, and safeguards suitable for an educational laboratory environment.
Electrical / Utilities	Identify all electrical, water, drainage, ventilation, compressed air, network, or other facility requirements.
Accessories	Include all normal cables, wiring, connectors, interfaces, power supplies, adapters, and accessories necessary for operation unless specifically identified as an exclusion.

6.3 Equivalent Equipment / Alternatives

Equivalent products and alternative configurations are acceptable. Where a bidder proposes an alternative approach, component, or configuration, the bidder shall clearly describe the variation and provide sufficient technical information for WCCC to determine whether the proposed system meets or exceeds the stated requirements. WCCC may request clarification or additional technical documentation.

6.4 Delivery, Installation, Commissioning, and Training

- Include delivery/freight to Washington County Community College, Calais, Maine, or clearly state freight as a separate cost.
- State whether unloading, placement, assembly, installation, start-up, and commissioning are included in the base bid.
- Identify all site preparation, utility connections, or work to be completed by WCCC or other trades before installation.
- Following installation, the system shall be tested to verify proper operation.
- Include initial operator/instructor training covering safe operation, controls, software/data acquisition, routine maintenance, and basic troubleshooting.
- State the number of training hours/days included and whether training is on-site, remote, or a combination.

6.5 Warranty, Support, and Documentation

- Provide the manufacturer's standard warranty and identify warranty duration and coverage.
- Describe technical support availability and field-service options.
- Identify recommended preventive maintenance and routine service requirements.
- Provide operating, maintenance, safety, and software documentation.
- Identify expected availability of replacement parts and consumable items.

7.0 Contractor's Insurance

If the successful bidder will perform delivery, installation, commissioning, training, or other work on College property, the bidder shall maintain applicable insurance throughout the performance of that work. A Certificate of Insurance shall be provided upon request and, when required by the College, shall accompany the bid.

- Commercial General Liability: not less than \$1,000,000 per occurrence; WCCC to be listed as an additional insured when applicable.
- Automobile Liability: \$1,000,000 combined single limit when vehicles are used in performance of the work.
- Workers' Compensation: statutory limits as required by law.

Failure to provide required insurance documentation may result in the bid being deemed non-responsive.

8.0 Interpretation of Contract Documents

No oral interpretation will be provided to any bidder as to the meaning of the specifications or other contract documents. All requests for interpretation or clarification shall be submitted in writing no later than September 15, 2026 at 1:00 P.M. ET to:

Jake Mumme
Engine Dynamometer
Washington County Community College
1 College Dr.
Calais, ME 04619

or via email at jmumme@mainecc.edu

Any interpretation made to a bidder will be issued in the form of an addendum to the contract/bid documents which, if issued, shall be sent as promptly as practicable to all persons to whom the specifications have been issued. All such addenda shall become part of the contract/bid documents.

9.0 Bid Review and Evaluation

The College reserves the right to reject all proposals, to waive any informalities and technicalities, and to solicit and re-advertise for new proposals, or to abandon the project in its entirety. The College reserves the right to

make the award to that proposer who, in the opinion of the College, will be in the best interest of and/or the most advantageous to the College.

Evaluation considerations may include:

- Technical ability of the proposed system to meet the minimum specifications.
- Specification match, clearly identified variations, and suitability for instructional use.
- Completeness of the proposed system and identification of exclusions or owner-furnished requirements.
- Total base bid cost and other required costs.
- Installation and facility requirements.
- Training, warranty, technical support, and serviceability.
- Delivery schedule.
- Vendor experience and past performance
- Added-value features that are relevant to the College's instructional needs.

10.0 Preparation of Bids

WCCC seeks the proposal that meets the specifications noted in this RFP. WCCC will review all proposals. The bidder shall include with the proposal any terms and conditions specific to their proposal.

Each bidder should include the following with its submission:

- Completed and signed Attachment A - Bid Submission Form.
- Completed Attachment B - Technical Compliance Form.
- Manufacturer and model of the proposed dynamometer and major components.
- Complete technical specifications and product literature.
- Detailed list of included equipment, software, sensors, accessories, mounting hardware, and services.
- Detailed list of exclusions, assumptions, and equipment/facility work required for operation that is not included.
- Site preparation and utility requirements.
- Delivery lead time and estimated installation/commissioning schedule.
- Training description.
- Warranty and support terms.
- Itemized pricing and total delivered/installed price.
- Recommended optional equipment or accessories priced separately.
- Insurance documentation as applicable.
- The bidder shall include with the bid any terms and conditions specific to its proposal.

11.0 Withdrawal of Bids

All proposals must be valid for at least thirty (30) days after the proposal due date, after which time proposals shall expire unless the proposer had been notified and agrees to an extension.

WCCC reserves the right to modify or withdraw this invitation, to reject any or all proposals, and to terminate any subsequent negotiations at any time. WCCC also reserves the right to choose the proposal that best meets the needs of its facility and training programs.

12.0 Taxation and Compliance

Maine Community College System d/b/a Washington County Community College is an educational institution organized under the laws of the State of Maine and so its purchase of goods is exempt from state, federal, and local sales and use taxes. The successful bidder agrees to comply with all applicable federal, state and local statutes, laws, codes, rules, regulations, ordinances and orders in the performance of the Contract.

13.0 Prohibited Terms and Conditions

NOTICE TO VENDORS AND BIDDERS: STANDARD TERMS AND CONDITIONS APPLICABLE TO ALL MCCS CONTRACTS

The following standard contracting terms and conditions are incorporated and shall become a part of any final contract that will be awarded by any college or other operating unit of the Maine Community College System (collectively "MCCS"). These terms and conditions derive from the public nature and limited resources of the MCCS. **MCCS DOES NOT AGREE TO:**

1. Provide any defense, hold harmless or indemnity;
2. Waive any statutory or constitutional immunity;
3. Apply the law of a state other than Maine;
4. Procure types or amounts of insurance beyond those MCCS already maintains or waive any rights of subrogation;
5. Add any entity as an additional insured to MCCS policies of insurance;
6. Pay attorneys' fees; costs, including collection costs; expenses or liquidated damages;
7. Promise confidentiality in a manner contrary to Maine's Freedom of Access Act;
8. Permit an entity to change unilaterally any term or condition once the contract is signed;
9. Automatic renewals for term(s) greater than month-to-month;
10. Limitations on MCCS' recovery of lawful damages incurred as a result of breach of the contract;
11. Limitation of the time period under which claims can be made or actions brought arising from the contract;
12. Vendor's terms prevailing over MCCS' standard terms and conditions, including addenda; and
13. Unilateral modifications to the contract by the vendor.

BY SUBMITTING A RESPONSE TO A REQUEST FOR PROPOSAL, BID OR OTHER OFFER TO DO BUSINESS WITH MCCS, YOUR ENTITY UNDERSTANDS AND AGREES THAT:

1. The above standard terms and conditions are thereby incorporated into any agreement entered into between MCCS and your entity; that such terms and condition shall control in the event of any conflict with such agreement; and that your entity will not propose or demand any contrary terms;
2. The above standard terms and conditions will govern the interpretation of such agreement notwithstanding the expression of any other term and/or condition to the contrary;
3. Your entity will not propose to any college or other operating unit of the MCCS any contractual documents of any kind that are not in at least 11-point black font on a white background and completely contained in one Word or PDF document, and that any references to terms and conditions, privacy policies or any other conditions referenced outside of the contract will not apply; and

4. Your entity will identify at the time of submission which, if any, portion or your submitted materials are entitled to “trade secret” exemption from disclosure under Maine’s Freedom of Access Act; that failure to so identify will authorize MCCS to conclude that no portions are so exempt; and that your entity will defend, indemnify and hold harmless MCCS in any and all legal actions that seek to compel MCCS to disclose under Maine’s Freedom of Access Act some or all of your submitted materials and/or contract, if any, executed between MCCS and your entity.

ATTACHMENT A - BID SUBMISSION FORM

Company Name: _____

Address: _____

Contact Person: _____

Email: _____

Phone: _____

Manufacturer / Model Proposed: _____

Item	Description	Included?	Price
1	Complete dynamometer system and standard accessories	Yes / No	\$
2	Delivery / Freight	Yes / No	\$
3	Installation / Start-up / Commissioning	Yes / No	\$
4	Initial Training	Yes / No	\$
5	Other Required Costs - describe below	Yes / No	\$
	TOTAL BASE BID		\$

Estimated Delivery Lead Time: _____

Warranty: _____

Exceptions / Exclusions: _____

Authorized Representative: _____

Title: _____

Authorized Signature: _____

Date: _____

ATTACHMENT B - TECHNICAL COMPLIANCE FORM

For each requirement, indicate whether the proposed system complies. Describe any variation or alternative in the final column.

Requirement	Minimum	Complies?	Proposed Specification / Variation
Power	700 HP minimum	Yes / No	
Torque	1,300 lb-ft minimum	Yes / No	
Speed	5,500 RPM minimum	Yes / No	
Electronic/computer control	Required	Yes / No	
Remote throttle control	Required	Yes / No	
Integrated data acquisition	Required	Yes / No	
RPM / torque / HP / temperature / pressure measurement	Required	Yes / No	
Test/data software	Required	Yes / No	
Computer/operator station	Required	Yes / No	
Engine mounting system	Required	Yes / No	
Driveline/coupling and guarding	Required	Yes / No	
Cooling provisions/requirements identified	Required	Yes / No	
Exhaust provisions/requirements identified	Required	Yes / No	
Emergency stop and safety controls	Required	Yes / No	
Utility/site requirements identified	Required	Yes / No	
Necessary standard cables/connectors/accessories	Required	Yes / No	
Training	Required	Yes / No	
Warranty	Required	Yes / No	