Purpose of Request for Bids: Allegany College of Maryland in Cumberland, Maryland wishes to enhance the existing Forest Technology program through the addition of Log Loader equipment. Prospective bidders should direct questions about the specifications and scope of the project to Mrs. Marie Perrin-Miller.

Rural Maryland Council funding has been provided to support this project, and ACM must act within the College and the State’s procurement and grant guidelines to complete this project.

Equipment Item Requested (or equivalent): Vendors are requested to submit a bid for the items listed below. Vendors may provide a bid for each of these items individually or as a bid for all equipment and services as a whole. Each bid submitted should clearly reflect the intent of the bid when submitted:

1. **BEHIND CAB MOUNT KNUCKLEBOOM LOADER** (with the following specifications or equivalent):
   a. A-frame design
   b. 3,200 psi hydraulic system to control boom and grapple
   c. 8 circuit electrical collector
   d. Joystick-controlled valves and quick swing system
   e. Large adjustable seat with padded armrests
   f. Front operator protection guard

**Hydraulics Specifications**
   a. Split flow tandem pump hydraulic system
   b. Anti-cavitation valves contain port reliefs
   c. Diagnostics at control valves
   d. Continuous rotation
   e. Hydraulic swivel with 5 passages for pressure, return and stabilizers
   f. High pressure hoses with wear resistant coating and ORS fittings
   g. Dual, spin on return filters

**Operator Platform Specifications**
   a. Right side mounted platform with fold over seat with armrests
   b. Two mechanical joysticks and proportional teleboom controls
c. Swing pedal with mechanical linkage

d. Individual controls for activation of stabilize

e. Access to platform by single ladder

Structure Specifications

a. A-Frame pedestal design is formed high strength steel plate Telescopic A-frame stabilizers with individual platform controls Stabilizer legs made of high tensile steel tubing

b. 22' STD Boom

c. Welded high tensile steel boom

d. Heat treated high alloy steel pins and aluminum-bronze pivot bushings

e. Self-aligning bushings at both ends of main and stick boom cylinders

f. Boom & cylinder pin bushings are greased through pins

g. Castings at base end, stick end, and midpoint of main boom assembly

Installation, Warranty and Technical Assistance Specifications

a. 12-month Warranty

b. Technical assistance and support to educate and train staff on operation/maintenance of equipment included in proposal

c. Installation of equipment onto existing college vehicle

Note: Proof of these qualifications MUST be submitted with the bid. Failure to submit qualification will cause rejection of the bid. As appropriate, vendors are required to include the cost of delivery, shipping, freight, installation, setup, and training.

Selection Process: Vendors submitting bids will be ranked according to criteria listed in this bid specification document. All written bids will be reviewed. Alternative proposals with similar, but not exact, specifications are welcome, but must be comparable in performance to the item specified.

Miscellaneous Information

1. All costs of bid preparation shall be borne by prospective vendors.

2. All submitted bids will become the property of Allegany College of Maryland and can be revealed to outside consultants and State and Federal agencies.

3. Addenda and supplementary information sheets will be supplied only to those prospective bidders who receive this bid specification and request additional information.

Bid Submission Information: Sealed bids in duplicate should be delivered to the following address:
All bids must be received by 1:00 p.m. on Friday, February 4, 2022. All equipment shall be listed as to manufacturer and capacity. Award of the bid will be at a later date after an analysis of all proposals. Allegany College of Maryland reserves the right to reject any or all proposals and request other proposals. Allegany College of Maryland reserves the right to accept any proposal it feels is in the best interest of the College.