Purchase Description Chief Joseph Dam (CJD) High Speed Precision Gap Bed Lathe Bridgeport, WA.

GENERAL INFORMATION:
The U.S. Army Corps of Engineers requires one (1) High Speed Precision Gap Bed Lathe to be delivered to Chief Joseph Dam in Bridgeport, Washington.

SPECIFICATIONS:
The High-Speed Precision Gap Bed Lathe shall meet or exceed these requirements as specified and must have the following minimum salient characteristics:

General:

- Origin: Must be American made
- Casting: Must be a 1-piece casting
- Bed Ways: Must be hardened and ground to a minimum of HR-70
- Design: Must have Tri-V ways
- Carriage Ways: Must have Turcite-B anti-friction material

Capacity:

- Swing Over Bed: Must be at least 17 inches.
- Distance Between Centers: Must be between 57 and 60 inches.
- Spindle Bore Diameter: Must be at least 3.125 inches.
- Bed Gap: Must have a gap in the bed of at least 7.5 inches in front of the chuck.
- Tailstock Quill Travel: Must have at least 5 inches of travel.

Features & Safety:

- Brake: Must have a full-length foot brake.
- Guarding: Must have an easily removable lead screw and feed rod cover.
- Threading: Must be able to cut both inch and metric threads without manual gear changes in the gearbox.
- Cross-Slide: Must have a backlash eliminator on the cross-slide lead screw.
- Electrical: Must be configured for 480V, 3-phase power.

Additional Accessories:

- Item 1: Steady Rest, 9" Capacity w/Rollers for 17" Lathe
- Item 2: Follow Rest with Bronze Tips for 17" Lathe
- Item 3: 8" 3-Jaw Chuck, D1-6 Direct Mount, Steel Body
- Item 4: 12" 3-Jaw Chuck, D1-6 Direct Mount, Steel Body
- Item 5: 10" 4-Jaw Chuck, D1-6 Direct Mount, Steel Body
- Item 6: 12" 4-Jaw Chuck, D1-6 Direct Mount, Steel Body

- Item 7: Face Plate, 14" for D1-6 Spindle Nose
- Item 8: 2-Axis Digital Read-Out (DRO) System
- Item 9: Telescopic Taper Attachment 7”-10”
- Item 10: Quick Change Tool Holder Set

SUBMITTALS:

- Descriptive Materials (brochures, illustrations, drawings, data sheets, etc.) must be submitted, which will allow the Contracting Officer to determine, without discussion with the offeror, whether the products being offered meet all of the required specifications. Submittals shall include copies of catalog cut sheets and specification sheets.

OPERATION AND MAINTENANCE MANUALS:

- Two complete copies of the Operation and Maintenance Manual will be required for the lathe. The manuals shall include instructions on the installation, operation, maintenance, repair, troubleshooting, and warranty. They shall also include diagrams listing all system components, part numbers, and a list of recommended spare parts.
- Also included shall be the name, phone and fax numbers, and email address of the contractor, manufacturer, and a distributor where spare parts can be purchased.
- The following identification shall be inscribed on the covers:
    - OPERATING AND MAINTENANCE INSTRUCTIONS
    - Contract Name: Chief Joseph Dam
    - Name of the Contractor
    - Contract Number

ACCEPTANCE OF MATERIALS:

- Materials will be inspected at the delivery point prior to acceptance. The contractor shall be responsible for maintaining the product’s condition as specified until the point of acceptance. New equipment only; no remanufactured or “gray market” items.

DELIVERY SCHEDULE:

- The successful offeror shall be required to deliver the lathe to Chief Joseph Dam within 120 days of contract award; partial delivery is not acceptable. All deliveries must take place during CJD business hours of Monday through Thursday 7:00 am – 4:00 pm, excluding Federal holidays.

DELIVERY LOCATION:

- Item shall be delivered FOB DESTINATION to the following address:
  US Army Corps of Engineers
  ATTN: Mikal Miller
  Chief Joseph Dam
  Pearl Hill Rd HWY 17
  Bridgeport, WA. 98813