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**SPECIFICATION FOR PROCUREMENT
OF HIGH SPEED VERTICAL
BAND SAW
200CJ-GM16**

1.0 SCOPE

Request for proposals for one high speed vertical band saw which will be used for B-2205 at NASA Stennis Space Center, Mississippi.

2.0 SUBMITTALS

A standard transmittal form provided by the Government, SSC Form 581, shall be used to transmit each submittal. Six (6) black line prints and one electronic copy created in PDF format will be submitted with SSC Form 581.

Submittal description including drawings, diagrams, layouts, schematics, descriptive literature, illustrations, schedules, performance and test data, and similar materials to be furnished by the Contractor are explaining in detail specific portions (Section 3.0 Requirements) of the work required by the contract. The requirements to actually furnish the applicable items will be called out in each specification.

3.0 REQUIREMENTS

The following is the minimum requirements for a band saw. Bidders shall submit proposals with sufficient technical details so Stennis Space Center personnel can perform a technical evaluation of the proposal.

3.1 Standard Equipment

3.1.1 Saw Capacity

Minimum 24" Horizontal, 28½" Vertical @ 90°
Minimum 24" Horizontal, 21" Vertical @ 45° (both directions)
Minimum 24" Horizontal, 13" Vertical @ 60° (both directions)

3.1.2 Vising

Full Stroking Hydraulically Actuated

3.1.3 Blade Tension

Hydraulically Controlled

3.1.4 Powered Guide Arm

3.1.5 Powered Tilting Column

3.1.6 Blade Speed

Variable Speed Controlled

3.1.7 Feed Rate

Variable Feed Controlled

3.1.8 Coolant System

Built-in

3.1.9 Work Lift Rollers

Hydraulically Controlled

3.1.10 Powered Chip Conveyor

3.1.11 Available Voltage

480 VAC, 3 phase, 60 Hz

3.1.12 Controls

The controls shall have IEC fused disconnect switch and magnetic motor starters with overload and low voltage protection. Controls shall be mounted in a moisture-proof NEMA 12 compartment.

3.1.13 Motors

All motors shall be NEMA Premium rated motors.

3.2 Additional Required Features

3.2.1 Second Main Machine Vice

Additional powered vice on discharge side

3.2.2 0-72" Stroke Bar Feed

3.2.3 Laser Light System

Laser light indicates where the blade will enter the cut

3.2.4 Feed Direction Control

Changes standard left to right feed direction to optional right to left feed

3.2.5 10' Minimum Roller Discharge Table

3.2.6 10' Minimum Stock Table

3.3 Documentation

The vendor shall provide to the purchaser installation drawings and instructions two (2) weeks after award of bid.

The vendor shall provide to the purchaser three (3) copies of the equipment manual upon delivery of the vertical band saw. The manuals will cover operation, tooling, maintenance, parts list and electrical circuit diagrams.

3.4 Training

Operation and maintenance training shall be furnished. Location and cost of subject training shall be included as a separate item in the quotation.

3.5 Warranty

The vendor shall supply a certificate of conformance with the vertical band saw certifying the band saw meets all requirements of this specification.

The vertical band saw furnished under this specification shall be guaranteed against defective materials, design, and workmanship for a minimum period of one year from the date of installation (not to exceed 18 months after receipt of the vertical band saw). Upon the receipt of notice from the Government of failure of any part of the guaranteed equipment during the guaranty period, new replacement parts shall be furnished and installed promptly by the supplier at no additional cost to the Government. The supplier shall acknowledge responsibility under these guarantee provisions by letter, stating that the shipment and materials referred to herein are guaranteed and the inclusive dates of the guaranty period.

3.6 Delivery

F.O.B, Stennis Space Center.

4.0 Bid Alternate

4.1 Maintenance Agreement

As part of the vendor's proposal, the vendor shall propose a maintenance agreement as an option to provide preventive and corrective maintenance on the band saw for a period of three (3) years. The preventive maintenance shall start immediately after installation and start up of the band saw. The corrective maintenance shall start after expiration of the band saw's warranty period. The vendor's proposal shall specify in detail the preventive and corrective maintenance that will be performed and also include a schedule of the preventive maintenance activities.