

EXHIBIT A

DESCRIPTION OF GOODS AND SERVICES

Description of Goods & Services Specifications and Additional Terms and Conditions – Exhibit A

A1. Technical Specifications

The following minimum Technical Specifications set forth the criteria and standards which proposed GB1 Brovold Superpave Gyrotory Compactor or approved equal must comply:

1. Power Requirements: AFG1A: 115 VAC($\pm 10\%$) 15 Amp, 60 Hz, 1 ph
2. Dimension: 760 mm wide x 540 mm deep x 1410 mm high
(30.0 inch x 21.3 inch x 55.4 inch)
3. Weight: Approximately 138 kg (304 lb)
4. Applied Pressure: 600 ± 5 kPa
5. Angle of Gyration: $0.82 \pm 0.02^\circ$ or $1.16 \pm 0.02^\circ$ Internal Angle or $1.25 \pm 0.02^\circ$ External Angle
(Specify at the time of order)
6. Speed of Gyration: 30 ± 0.5 gyrations per minute, factory set
Adjustable range of 20 – 40 gyrations per minute
7. System: Electrohydraulic
8. Number of Gyration: 0 – 299 gyrations
9. Specimen Height: 10.0 to 200.0 mm (reported to the nearest 0.1 mm)
150.0 mm $+0.0/-0.1$ mm ID x 280mm tall (215mm internal height)
10. Mold Dimensions: 10.0 mm minimum specimen height
(Note: Molds meet the requirements of AASHTO T312 and ASTM D6925)
11. Modes of Operation: Compact to number of gyrations or specified height.
12. Data Acquisition: Gyration number / Specimen height(mm)
13. Data Output options: USB Flash Drive, RS232 Serial Communication, receipt Printer, Serial Printer, or Laser Printer(optional)
14. Internal Data Storage: Results from 10 tests are retained in memory
15. Mold Assembly: 150 mm mold assembly
16. Lift Handle: 150 mm lift handle

A.2 Responsibilities of the Contractor

Bids must include separate line items for:

- Total procurement cost of the gyratory compactor unit including mold assembly, lift handle and all equipment required for maintenance, storage, transport and calibration of the unit. Shipping and delivery charges are to be fully pre-paid by the Vendor and are not chargeable to the Department. Purchased unit shall be shipped to : ConnDOT – Division of Materials Testing, 280 West Street, Rocky Hill, CT 06067, Att: Jonathan Boardman
- Annual standard customer phone support (to be available during Department business hours 7:00 am to 6:00 pm with a maximum response time of two (2) hours) for one (1) year from the effective date of the Contract

A.3 Bid Submittals

Vendors must submit five (5) copies of each of the following items with their bid for evaluation and approval by the Department:

- References from a minimum of three (3) contracts similar in size and scope to this specification, preferably other States or other state DOT's, including the company name and address; name and title of the contact person; telephone number; and scope of contract.
- Written documentation that Vendor is an American Company
- Certified documentation for the items as listed in Section A.1.

Failure to submit bid submittals may result in rejection of a bid.

A.4 Payment

Payment will be processed after the Department has received, inspected, and accepted the delivery of the equipment. Payment terms for the State of Connecticut are net forty-five (45) days after receipt of a properly completed final invoice.