

**MISSISSIPPI STATE DEPARTMENT OF HEALTH**  
**Notice of Proposed Sole Source Purchase #0301-113**  
**RFx # 3150005513**

The Mississippi State Department of Health anticipates purchasing the item(s) listed below as a sole source purchase. Anyone objecting to this purchase shall follow the procedures outlined below.

Commodity or commodities to be purchased (make, model, description): 8048-T-B2B5  
PortaCount calibration unit from TSI Incorporated.

Explanation of the need to be fulfilled by this item(s) and why it is the only one that can meet the specific needs of the department: This is approved Federal item for ensuring all hazard team having safest equipment for responding to events. They are the only company to make and service them.

Name of company/individual selling the item(s) and why that source is the only possible source that can provide the required item(s): TSI Incorporated is the sole manufacturer/distributor of this product.

Estimated cost of item(s) and an explanation why the amount to be expended is considered reasonable \$200,205.00 and received government pricing.

Explanation of the efforts taken by the department to determine this is the only source and the efforts used to obtain the best possible price: The only vendor with needed product.

Any person or entity that objects and proposes that the commodity listed is not sole source and can be provided by another person or entity shall submit a written notice to Cynthia Brasher, Mississippi State Department of Health Purchasing Department, 570 E. Woodrow Wilson, Room 134 Underwood Building, Jackson, MS 39216 or P. O. Box 1700, Jackson, MS 39215-1700.

Responses may be hand delivered, via regular mail, overnight delivery or by e-mail: [Cyntha.brasher@msdh.ms.gov](mailto:Cyntha.brasher@msdh.ms.gov). The envelope or e-mail should reference the sole source number.

The notice shall contain a detailed explanation of why the commodity is not a sole source procurement. Appropriate documentation shall also be submitted if applicable. The enclosed form (OSS) may be used if you so desire.

If after a review of the submitted notice and documents, Mississippi State Department of Health determines that the commodity in the proposed sole source request can be provided by another person or entity, then Mississippi State Department of Health will withdraw the sole source request publication from the procurement portal website and submit the procurement of the commodity to an advertised competitive bid or selection process.

If Mississippi State Department of Health determines after review that there is only one (1) source for the required commodity, the Mississippi State Department of Health will appeal to the Public Procurement Review Board. Mississippi State Department of Health will have the burden of proving that the commodity is only provided by one (1) source.

Notices/objections, etc. will be accepted at any time prior to: \_\_ March 26, 2024 at 10:00 a.m. (CST)



500 Cardigan Road  
Shoreview, MN 55126  
USA  
EIN 41-0843524

Tel: (800)680-1220  
Fax: (651)490-3824  
Web: [www.TSI.com](http://www.TSI.com)  
Email: [orders@TSI.com](mailto:orders@TSI.com)

Page 1 of 3

## Quotation

### Quote Contact

Christopher Williams  
Tel: (662) 448-0705  
Email: [christopher.williams@msdh.ms.gov](mailto:christopher.williams@msdh.ms.gov)

### Bill-To-Party

MISSISSIPPI STATE DEPT OF HEALTH  
570 E WOODROW WILSON DRIVE  
JACKSON MS 39216

### Ship-To-Party

MISSISSIPPI STATE DEPT OF HEALTH  
570 E WOODROW WILSON DRIVE  
JACKSON MS 39216

### Make PO Out To: TSI Incorporated

Quotation Number 20240495  
Quotation Date 10/10/2022  
Customer No 5388826  
Cust. Ref.  
Incoterms 2020 CPT: Prepay & Add  
Consignee's Premises  
Payment Term SUBJECT TO CREDIT APPROVAL  
Valid To 12/29/2023  
Currency USD  
Method of Payment PO, Visa, Amex, Mastercard  
Reference Quote number when submitting PO

Item	Material/Description	Quantity	Unit Price	Amount
1	8048-T-B2B5 PortaCount 8048-T w/ Tablet & 5Y Ext Wty PortaCount Model 8048-T Respiratory Fit Tester Includes: Carry Case; AC Adapter with Universal Plug Set; 8026 Particle Generator; Alcohol Cartridge; Alcohol Fill Capsule, Storage Cap; (2) Zero Check Filters; 3/16" and 1/4" Hose Adapters; (2) Spare Alcohol Wicks; (100) Sampling Probes; (100) Lock Washers; Probe Insertion Tool; Neck Strap; USB Cable; 8016 Alcohol Supply containing (16) 30ml Bottles of Reagent Grade Isopropyl Alcohol; WiFi USB Adapter; Microsoft® Surface Go® Tablet; USB-A & USB-C Cable; FitPro Ultra Fit Test Software; Five-Year Warranty on Repairs; Five Annual Factory Clean & Calibration Services w/ Return Shipping Included on Calibration & Warranty Services.	9.00 EA	21,350.00	192,150.00
2	8025-20 Fit Test Adapter Kit - Scott Full-face Fit Test Adapter for Scott masks including AV-2000, AV-3000, Scott-O-Vista, 65. Includes disposable components for 200 fit tests including Adapter, Case, (200) Clips, (200) Suction Cups, (50-ft) Tubing, (1)P100 Filter, and instructions.	9.00 EA	260.00	2,340.00
3	8025-34 Mask Sample Adaptor Kit, MSA G1 Mask FIT TEST ADAPTOR KIT FOR MSA G1 FULLFACE MASK	9.00 EA	390.00	3,510.00
4	8025-N95 Fit Test Sampling Probe Kit - N95	9.00 EA	245.00	2,205.00



500 Cardigan Road  
Shoreview, MN 55126  
USA  
EIN 41-0843524

Tel: (800)680-1220  
Fax: (651)490-3824  
Web: [www.TSI.com](http://www.TSI.com)  
Email: [orders@TSI.com](mailto:orders@TSI.com)

Page 2 of 3

## Quotation

**Bill-To-Party**

MISSISSIPPI STATE DEPT OF HEALTH

Quotation Number

20240495

Quotation Date

10/10/2022

Item	Material/Description	Quantity	Unit Price	Amount
	Probe Kit for fit testing disposable filtering-facepiece respirators. Includes Installation Tool Set, 500 Probes, 500 Push Nuts, Instructions.			
Sub Total				200,205.00
Freight				600.00
Tax				TBD
Total Amount				200,805.00

OPTIONAL Quality Guard Bumper-To-Bumper (B2B) Calibration Plans are for "Annual Clean and Calibration" AND Repair Services for the period of the Plan. These B2B Warranty Plan(s) are not applicable when the TSI Service Group has determined that misuse and/or abuse has occurred to the instrument. All 3 or 5-year Warranty Plans will be valid for 36 or 60-months, respectively from the date of instrument shipment, and is linked to the serial number of the instrument. B2B Warranty Plans are applicable to new instruments sales only. These B2B Warranty Plans are non-transferable, and no other instrument serial numbers will be accepted for service.

2-year Clean and Calibration Annual Service Plan.

INCLUDES Two Annual Factory Clean and Calibrations.

2-year Factory Warranty remains in effect for repairs.

If this option is desired, Add Part Number to PO: CLC2-8048 / Price: \$2,160 ea

3-year Clean and Calibration Annual Service Plan.

INCLUDES Three Annual Factory Clean and Calibrations.

2-year Factory Warranty remains in effect for repairs.

If this option is desired, Add Part Number to PO: CLC3-8048 / Price: \$3,140 ea

3-year Bumper-to-Bumper Warranty & Annual Service Plan.

INCLUDES Three Annual Factory Clean and Calibrations.

Extends Warranty to 3-years total for repairs.

If this option is desired, Add Part Number to PO: B2B3-8048 / Price: \$3,860 ea

5-year Bumper-to-Bumper Warranty & Annual Service Plan.

INCLUDES Five Annual Factory Clean and Calibrations.

Extends Warranty to 5-years total for repairs at NO EXTRA CHARGE.

If this option is desired, Add Part Number to PO: B2B5-8048 / Price: \$5,375 ea

\* This option is Best Value, and is quoted as line item #x above.

If not desired, completely remove from quote and/or order, or replace with a 2-yr or 3-yr option above.

1) Please email orders to: [wu.roberts@tsi.com](mailto:wu.roberts@tsi.com)

2) If your organization is tax exempt, please send a copy of your certificate along with your order.

3) Shipping is Pre-pay and Add to final invoice, or customer can provide their own UPS, or FedEx account shipping number at time of order or on purchase order.

4) Wu Roberts

Direct Sales Specialist II



500 Cardigan Road  
Shoreview, MN 55126  
USA  
EIN 41-0843524

Tel: (800)680-1220  
Fax: (651)490-3824  
Web: [www.TSI.com](http://www.TSI.com)  
Email: [orders@TSI.com](mailto:orders@TSI.com)

Page 3 of 3

## Quotation

**Bill-To-Party**

MISSISSIPPI STATE DEPT OF HEALTH

**Quotation Number**

20240495

**Quotation Date**

10/10/2022

Item	Material/Description	Quantity	Unit Price	Amount
------	----------------------	----------	------------	--------

TSI Health & Safety Division  
(817) 901-2690  
[wu.roberts@tsi.com](mailto:wu.roberts@tsi.com)

Sales Tax and Freight charges determined by tax status of customer and shipping method selected.

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

*This Quotation is subject to the warranties, disclaimers and all other terms and conditions set forth by TSI Inc. and incorporated by reference and to no others. Seller reserves the right to change prices effective on any new orders, provided Seller notifies in writing those with currently valid Quotations prior to any order being placed. This quotation shall become an agreement binding upon the Buyer and Seller when accepted by the Buyer and subsequently accepted by an authorized representative of the Seller at the Seller's home office and thereupon shall constitute the entire agreement between the parties.*

**Wu Roberts**  
TSI Incorporated

Date 10/10/2022

TSI Terms and Conditions apply and are incorporated by reference. See <http://www.tsi.com/tc.pdf>  
For payment terms, complete credit application at <http://www.tsi.com/credit-app/>

## **SPECIFICATIONS FOR A QUANTITATIVE RESPIRATOR FIT TESTER**

### **– PortaCount Models 8048 / 8038**

1. Instrument must use Condensation Nuclei Counting (CNC) technology to measure concentration of microscopic particles in the air and to be able to test the worker while actually performing the required OSHA and CSA exercise protocols.
2. Instrument must make a direct measurement of fit factor. Particle concentration is measured outside and inside the respirator and a fit factor is calculated as  $FF = C_{out}/C_{in}$ .
3. Instrument is required to measure fit factor while worker simultaneously moves and breathes. This allows measurement of transient leaks that occur during typical workplace motions.
4. Instrument must be able to be used to measure real time fit factors in FitCheck Mode™ for respirator training purposes and troubleshooting failed fit tests in addition to conducting respirator fit testing. Real time FitCheck Mode ensures that a worker can optimize the fit of the respirator, prior to fit testing as a training tool.
5. Instrument must allow simultaneous integrity testing of respirator under actual use conditions, including leak test of exhalation valve while it is opening and closing as person breathes. If the respirator is defective, the fit test will fail.
6. OSHA 8 exercise protocol is automated and requires no more than 7-minutes: 15-seconds to complete on any elastomeric full-face or half-face pieces equipped with NIOSH Series-100, 99 and P3 filters or, any NIOSH Series-100, 99, 95, P2 or P1 filtering face piece respirators.
7. If the CSA protocol is chosen then the fit test should take no longer than 3 minutes: 30 seconds for any elastomeric full-face or half-face piece respirators equipped with NIOSH Series-100, 99 and P3 filters or NIOSH Series-100 and 99 filtering face piece respirators and no longer than 7-minutes for any NIOSH Series-95, P2 or P1 filtering face piece respirators.
8. Instrument and software must be such that operator can do other task while fit test is in progress. One operator could operate more than one fit testing instrument at a time.
9. Software shall be capable of controlling up to four fit test instruments asynchronously from one computer or laptop to conduct Group Fit Testing.
10. Instrument must be capable of testing full-face and half-face piece elastomeric respirators equipped with NIOSH Series-100 and 99 filters, or NIOSH Series-100, 99, P3, \*95, \*P2 and \*P1 filtering face piece respirators.
11. \*In order to fit test respirators with <99% efficient filter media the instrument must be equipped with N95-Companion™ Technology to provide capability for testing NIOSH Series-N95, P2 and P1 filtering face piece respirators.
12. Fit test protocols are 100% automated. There is no opportunity to make errors that would invalidate the test by inadvertently or purposely starting, stopping and re-starting a test.
13. Respirator fit test adapters must be available from respirator manufacturers (i.e., MSA, Scott, Survivair, Draeger, North, 3M etc.).
14. Upgrades to software must be available on manufacturer's web site at no charge.
15. Instrument must have a flow rate of 1000 cm<sup>3</sup>/min with a sample rate of 350 cm<sup>3</sup>/min

16. Instrument should weigh no more than 7 pounds/3.2 kg.
17. Software and instrument must work with Microsoft Windows7 and 10 (32- and 64-bit compatible) compliant.
18. Instrument must have a 2 year warranty on parts and labor.
19. Instrument will include a carrying case, software, two spare wicks and 16 bottles of reagent grade isopropyl alcohol.
20. Instrument must be capable of reading particles in the 0.02 -1 micron sizes.
21. Instrument shall have a fit factor range from 1 to greater than 10,000 for all full-face and half-face piece elastomeric respirators equipped with NIOSH Series-100, 99, or P3 filters, and NIOSH Series-100, 99, or P3 filtering face piece respirators. For filtering face piece respirators made with <99% filter efficiencies of NIOSH Series-95, or P2, P1 ratings the fit factor range shall be from 1 – 200.
22. Instrument should have a operating range of 0° – 35° Celsius/32°-100° Fahrenheit
21. Instrument must be TSI PortaCount® Respirator Fit Tester Model 8048 or Model 8038.



## TSI Incorporated

500 Cardigan Road, Shoreview, MN 55126 USA

tel 651 490 2811 • toll free 800 874 2811 • fax 651 490 3824 • [www.tsi.com](http://www.tsi.com)

February 12, 2024

MISSISSIPPI STATE DEPARTMENT OF HEALTH  
570 WOODROW WILSON DR,  
JACKSON, MS 39216

To Whom it May Concern:

TSI Incorporated is the manufacturer of the following instruments:

PortaCount Models 8040 and 8048

With the exception of the Fire industry and limited circumstances in which TSI Incorporated is unable to reach agreement on terms and conditions for the sale of its equipment, TSI Incorporated operates a direct sales model in the United States and does not utilize third party resellers.

TSI warrants the equipment, under normal use and service as described in the operator's manual, shall be free from defects in workmanship and material for twenty-four (24) months, or the length of time specified in the operator's manual, from the date of shipment to the customer. This warranty period is inclusive of any statutory warranty. TSI recommends annual recalibration and cleaning for this equipment and TSI is the sole source for calibration and servicing of the equipment in the United States.

Best Regards,



Jason P. Verbeeck  
TSI Health & Safety  
Direct Sales Manager  
East Region  
C - 217-971-5942  
[jverbeeck@tsi.com](mailto:jverbeeck@tsi.com)