




**ENGINEERING & ENVIRONMENTAL SERVICES DEPARTMENT**  
**Hameed Malik, Ph.D., P.E., Director**

**MEMORANDUM**

**TO:** Ms. Geri Sams, Director - Procurement  
**FROM:**  Hameed Malik, Ph.D., PE, Director – Engineering & Environmental Services  
**DATE:** August 28, 2023  
**SUBJECT:** Landfill Gas Plant Operation & Maintenance  
Air Compressor Maintenance Repairs  
Annual Bid: 22-057

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Landfill Gas Plant operation is a critical element of Augusta Deans Bridge Road Solid Waste Facility air permit compliance. Air compressor is key machinery for production of landfill gas (LFG) to good quality product for sale to nearby Kaolin mine. It is also importance for landfill air permit compliance. The current compressor was installed in 2010 and needing frequent repairs. However it is hard to find parts for, and is not adequate for management of landfill gas as more airfields adding.

Quincy Compressor (Quincy) was the only source that responded to the annual bid for landfill compressor maintenance. The Quincy is under contact for maintenance of landfill Gas Plant and air compressor and submitted attached cost proposal for replacing 2010 compressor. Total cost is \$89,665.91. Funds are available in Landfill Operational Budget 541-04-4210/5211120.

Please contact me if you have any questions.

Thank you,

Hameed Malik, Ph.D., PE

/hm

cc: Darrell White & Nancy Williams, Procurement Department  
Walt Corbin, Oscar Flite, AE&ESD  
File



#### PROPOSAL FOR

Augusta Solid Waste

ATTN:

4330 Deans Bridge Road

Blythe, Georgia 30805

PROPOSAL PROVIDED BY

#### PROPOSAL PREPARED BY

Cody Scee

Cell: Office:

[cody.scee@quincycompressor.com](mailto:cody.scee@quincycompressor.com)

#### PROPOSAL NUMBER

BMA-848964

#### DATE

August 18, 2022



## QGD-50 ' Rotary Air Compressor



*Image for reference only*

### Technical Information:

#### Available Flow (Capacity):

50 HP - 247.1 ACFM @ 100 PSIG

50 HP - 229.7 ACFM @ 125 PSIG

50 HP - 214.4 ACFM @ 150 PSIG

**\*\*Data for reference only\*\***

#### Compressed Air Outlet Size:

1 1/2 inch MNPT

#### Condensate Drain Outlet Size:

5/16 Push-in (x2)

#### Sound Level:

67 dB(A)

#### Weight:

1536 lbs

#### Dimensions:

51.2 x 35.0 x 70.5 inches

### Product Description:

The QGD Series represents the ongoing evolution of proven air compression technology. Packed with the latest innovations, premium features and almost a century of compressed air experience, these models offer new features and benefits. These units are even more quiet, durable and efficient in a way that lowers your cost of ownership. That's the value of true innovation and the signature quality of Quincy.



### Key Features & Benefits:

The QGD range of air compressors is loaded with premium features including: Package Air Pre-Filtration, Phase Monitor, Auto restart after power failure, TEFC NEMA Premium Drive and Fan Motor, Wye- Delta Starter, Microprocessor Controls featuring networking up to 6 units and remote monitoring, NEMA 4 electrical enclosure, Long life consumables intervals, Quiet Enclosure from 66-68 dB(A) and the True Blue 5 year warranty.



## QCMD-265 Compressed Air Dryer



*Image for reference only*

### Technical Information:

**Connection Size:**

1-1/2 inch NPT

**Dewpoint:**

-40 Degree F

**Maximum Pressure:**

203 PSIG

**Available Flow (Capacity):**

265 CFM @ 100 PSIG

**Weight:**

516 lbs

**Dimensions:**

22 x 38 x 59 inches

### Product Description:

The new QCMD modular heatless desiccant dryer delivers the best drying capabilities at a fraction of the price. Available from 45cfm up to 690cfm, the QCMD delivers dry air with a -40 degree F dew point. It includes our new Solides ceramic desiccant technology with a 7-year average desiccant life. The QCMD is as rugged as it is efficient and is loaded with standard features such as a Q-Control Touch controller for visibility of various parameters and service alerts. It also includes energy saving Dew Point Demand sensors as standard built into the controls system.



### Key Features & Benefits:

- Q-Control Touch Controller
- 7-Year Ceramic Block Desiccant Life
- Inlet Filters Included (Outlet not Required)
- PDP Demand Included Standard
- NEMA4 Controller Protection
- Average Purge: 16%



## T400V-165 Air Receiver Tank



*Image for reference only*



### Technical Information:

**Capacity:**

400 gal

**Maximum Pressure:**

165 PSIG

**Arrangement:**

Vertical

**Weight:**

717 lbs

**Dimensions:**

36 x 36 x 93 inches

## QOCS-636 Oil Water Separator



*Image for reference only*



### Technical Information:

**Condensate Inlet:**

2 x 3/4"

**Water Outlet:**

1 x 3/4"

**Maximum Pressure:**

232 PSIG

**Available Flow (Capacity):**

635 CFM @ 100 PSIG

**Weight:**

147 lbs

**Dimensions:**

23 x 18 x 29 inches

## Option A Summary

Quote #: BMA-848964 - QGD-50 230 CFM COMPRESSR W/ BACKUP COMP

All amounts are displayed in USD

Item	Product Description	Qty	Unit Price Ea	Ext Price
1	QGD-50 ' Rotary Air Compressor	2	\$24,140.85	\$48,281.70
	Horsepower: 50 @ 125.0 PSIG		✓	
	Voltage: 460/3/60		✓	
	Wye Delta Motor Starting		✓	
	TEFC High Efficiency Drive Motor		✓	
	Air After-cooler w/ Pre-Piped Moisture Separator & Drain		✓	
	True Blue 5 Year Warranty		✓	
	Airlogic 2 Controller		✓	
	Phase Monitor		✓	
	Auto Restart after Power Failure		✓	
	Low Sound Enclosure (66-69 dBA)		✓	
2	QCMD-265 Compressed Air Dryer	1	\$11,922.62	\$11,922.62
3	T400V-165 Air Receiver Tank	1	\$2,165.01	\$2,165.01
	Capacity: 400 gal		✓	
	Maximum Pressure: 165 PSIG		✓	
	Arrangement: Vertical		✓	
4	2013100934 - Pressure Relief Valve and Gauge Kit	1	\$163.20	\$163.20
5	QOCS-636 Oil Water Separator	1	\$1,728.38	\$1,728.38
	10 PPM Outlet Oil Content		✓	
	2-Stage Oil Separation		✓	
	Dual Service Indicators for Increased Protection		✓	
	Easy Change Cartridges		✓	
	Easy Connect Drain Ports		✓	
	Environmentally Friendly Organoclay Absorber		✓	
	<b>Total</b>	<b>1</b>	<b>\$1,728.38</b>	<b>\$1,728.38</b>
6	FACTORY STARTUP & COMMISSIONING	1	\$955.00	\$955.00
7	MECHANICAL INSTALLATION	1	\$14,500.00	\$14,500.00
8	ELECTRICAL INSTALLATION	1	\$8,200.00	\$8,200.00
9	FREIGHT	1	\$1,750.00	\$1,750.00



Total for Option A: \$89,665.91

Plus applicable sales taxes and freight

Lead Time	:	IN STOCK
Payment Terms	:	NET 30
FOB	:	Shipping Point
Freight Terms	:	Prepay & Add



## Option A Explanation of Benefits

Quote #: BMA-848964 - QGD-50 230 CFM COMPRESSOR W/ BACKUP COMP



### MECHANICAL

- Remove old compressor and dryer.
- Relocate existing tank to new pad
- Set new compressors
- Set new dryer, separator and tank
- Plumb everything in with type L copper
- Provide small offroad lift for moving machinery

### ELECTRICAL

- Demo existing electrical
- Install new disconnect
- Wire in new devices

Total for Option A: \$89,665.91

Plus applicable sales taxes and freight

## Terms & Conditions of Sale (Products)

1. General. "Unless otherwise expressly agreed in writing by a duly authorized representative of Quincy Compressor LLC ("Quincy") these terms and conditions supersede all other communications and agreements and notwithstanding any conflicting or different terms and conditions in any order or acceptance of Purchaser, all sales and shipments shall exclusively be governed by these terms and conditions. When used herein "affiliates" shall mean QuincyAB and its wholly-owned subsidiaries. Section headings are for purposes of convenience only. "Products" as used herein shall include products, parts and accessories furnished Purchaser by Quincy.

2. DELIVERY – Unless otherwise agreed in writing, Products manufactured, assembled or warehoused in the continental United States are delivered F.O.B. shipping point, and Products shipped from outside the continental United States are delivered F.O.B. point of entry. Where the scheduled delivery of Products is delayed by Purchaser, Quincy may deliver such Products by moving it to storage for the account of and at the risk of Purchaser. Shipping dates are approximate and are based upon prompt receipt of all necessary information and approvals from Purchaser. Quincy reserves the right to make delivery installments.

3. SECURITY AND RISK OF LOSS - Upon request from Quincy, Purchaser agrees to execute a security agreement covering the Products sold or other assets and to perform all acts which may be necessary to perfect and assure a security position of Quincy. Notwithstanding any agreement with respect to delivery terms or payment of transportation charges, the risk of loss or damage shall pass to Purchaser and delivery shall be deemed to be complete upon delivery to a private or common carrier or upon moving into storage, whichever occurs first, at the point of shipment for Products assembled, manufactured or warehoused in the continental United States or at the point of entry for Products shipped from outside the continental United States.

4. PAYMENT – If Purchaser fails to pay any invoice when due, Quincy may defer deliveries under this or any other contract with Purchaser, except upon receipt of satisfactory security for or cash in payment of any such invoice.

A service charge of the lesser of 1% per month or the highest rate permitted by applicable law shall be charged on all overdue accounts. Failure on the part of Purchaser to pay invoices when due shall, at the option of Quincy, constitute a default in addition to all other remedies Quincy may have under these conditions of sale or applicable law. If, in the judgment of Quincy, the financial condition of Purchaser at any time prior to delivery does not justify the terms of payment specified, Quincy may require payment in advance or cancel any outstanding order, whereupon Quincy shall be entitled to receive reasonable cancellation charges. If delivery is delayed by Purchaser, payment shall become due on the date Quincy is prepared to make delivery. Should manufacture be delayed by Purchaser, pro rata payments shall become due if and to the extent required at Quincy by its contracts with the manufacturer. All installment deliveries shall be separately invoiced and paid for without regard to subsequent deliveries. Delays in delivery or non-conformities in any installment shall not relieve Purchaser of its obligations to accept any pay for remaining installments.

5. FORCE MAJEURE – Quincy shall not be liable for loss, damage, detention, or delay, nor be deemed to be in default from causes beyond its reasonable control or from fire, strike or other concerted action of workmen, act or omission of any governmental authority or of Purchaser, compliance with import or export regulations, insurrection or riot, embargo, delays or shortages in transportation, or inability to obtain necessary engineering talent, labor, materials, or manufacturing facilities from usual sources. In the event of delay due to any such cause, the date of delivery will be postponed by such length of time as may be reasonably necessary to compensate for the delay.

6. NEW PRODUCT WARRANTY – Quincy warrants to the Purchaser that all stationary compressors, portable compressors, compressed air dryers, Quincy-designed compressor parts and other Products manufactured by Quincy and affiliates shall be free of defects in design, material and workmanship for a period of fifteen (15) months from date of shipment to Purchaser, or twelve (12) months from date of initial start-up, whichever occurs first.

Should any failure to conform with this warranty appear prior to or after shipment of the Product to Purchaser during the specified periods under normal and proper use and provided the Product has been properly stored, installed, handled and maintained by the Purchaser, Quincy shall, if given prompt notice by Purchaser, repair or replace, the non-conforming Product or authorize repair or replacement by the Purchaser at Quincy's expense.

Replaced Products become the property of Quincy.

Quincy warrants Products or parts thereof repaired or replaced pursuant to the above warranty under normal and proper use, storage, handling, installation, and maintenance, against defects in design, workmanship and material for a period of thirty (30) days from date of start-up of such repaired or replaced Products or parts thereof or the expiration of the original Product warranty, whichever is longer.

When the nature of the defect is such that it is appropriate in the judgment of Quincy to do so, repairs will be made at the site of the Product. Repair or replacement under applicable warranty shall be made at no charge for replacement parts, F.O.B. Quincy Warehouse, warranty labor, serviceman transportation and living costs, when work is performed during normal working hours (8 a.m. to 4:30 p.m. Monday through Friday, exclusive of holidays). Labor performed at other times will be billed at the overtime rate then prevailing for services of Quincy personnel.

The Quincy warranty does not extend to Products not manufactured by Quincy or affiliates. As to such Products, Purchaser shall be entitled to proceed only upon the terms of that particular manufacturer's warranty. The Quincy warranty does not apply to defects in material provided by Purchaser or to design stipulated by Purchaser.

Used Products, Products not manufactured by Quincy or affiliates and Products excluded from the above warranties are sold AS IS with no representation or warranty, and ALL WARRANTIES OF QUALITY, WRITTEN, ORAL, OR IMPLIED, other than may be expressly agreed to by Quincy in writing, INCLUDING WITHOUT LIMITATION WARRANTIES OF MERCHANTABILITY OR FITNESS, ARE HEREBY DISCLAIMED.

Any services performed by Quincy in connection with the sale, installation, servicing or repair of a Product are warranted to be performed in a workmanlike manner. If any nonconformity with this warranty appears within 45 days after the services are performed, the exclusive obligation of Quincy shall be to re-perform the services in a conforming manner.

THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF QUALITY, WRITTEN, ORAL OR IMPLIED, AND ALL OTHER WARRANTIES, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY OR FITNESS ARE HEREBY DISCLAIMED. Correction of nonconformities as provided above shall be Purchaser's exclusive remedy and shall constitute fulfillment of all liabilities of Quincy (including any liability for direct, indirect, special, incidental or consequential damage) whether in warranty, strict liability, contract, tort, negligence, or otherwise with respect to the quality of or any defect in Products or associated services delivered or performed hereunder.

7. LIMITATION OF LIABILITY – IN NO EVENT SHALL QUINCY BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, however arising, whether in warranty, strict liability, contract, tort, negligence or otherwise, including but not limited to loss of profits or revenue, loss of total or partial use of the Products or facilities or services, downtime cost, or claims of the Purchaser for such or other damages whether on account of Products furnished hereunder or delays in delivery thereof or services performed upon or with respect to such Products. Quincy's liability on any claim whether in warranty, strict liability, contract, tort, negligence or otherwise for any loss or damage arising out of, connected with, or resulting from this contract or the performance or breach thereof, or from the design, manufacture, sale, delivery, resale, repair, replacement, installation, technical direction of installation, inspection, servicing, operation or use of any Product covered by or furnished under this contract shall in no case (except as provided in the section entitled "Patent Indemnity") exceed the purchase price allocable to the Product or Part thereof which gives rise to the claim.

All causes of action against Quincy arising out of or relating to this contract or the performance hereof shall expire unless brought within one year of time of accrual thereof.

8. PRICES – Prices to the Purchaser shall be the Quincy list price in effect at time of order. Quincy may, upon thirty (30) days prior written notice to Purchaser, change prices, or other terms of sale affecting the Products, by issuing new price schedules, bulletins or other notices.

This contract applies to new Products only. Purchases of used equipment shall be on terms to be agreed upon at time of sale to Purchaser.

This price does not include any Federal, state or local property, license, privilege, sales, service use, excise, value added, gross receipts, or other like taxes which may now or hereafter be applicable to, measured by or imposed upon or with respect to this transaction, the property, its purchase, sale, replacement, value, or use, or any services performed in connection therewith. Purchaser agrees to pay or reimburse Quincy, its subcontractors or suppliers any such taxes, which Quincy, its subcontractors or suppliers are required to pay or collect or which are required to be withheld by Purchaser.

The price shall also be subject to adjustment in accordance with the published Price Adjustment Clauses, which price adjustment information shall supersede the terms of this Section 8, where inconsistent herewith.

9. INFORMATION FURNISHED PURCHASER – Any design, manufacturing drawings or other information or materials submitted to the Purchaser and not intended for dissemination by Purchaser remain the exclusive property of Quincy and may not, without its consent, be copied or communicated to a third party.

10. PATENT INDEMNITY – Quincy shall at its own expense defend any suits or proceedings brought against purchaser insofar as based on an allegation that Products furnished hereunder constitute an infringement of any claim of any patent of the United States of America, other than a claim covering a process performed by said Products or a product produced by said Product, provided that such Products are manufactured by Quincy, are not supplied according to Purchaser's detailed design, are used as sold by Quincy. Purchaser shall have made all payments then due hereunder, and Quincy is notified promptly in writing and given authority, information and assistance for the defense of said suit or proceeding; and Quincy shall pay all damages and costs awarded in any suit or proceeding so defended, provided that his indemnity shall not extend to any infringement based upon the combination of said Products or any portion thereof with other Products or things not furnished hereunder unless Quincy is a contributory infringer. Quincy shall not be responsible for any settlement of such suit or proceeding made without its written consent. If in any suit or proceeding defended hereunder any Product is held to constitute infringement, and its use is enjoined, Quincy shall, at its option and its own expense, either replace said Products with non-infringing Products; or modify them so that they become non-infringing; or remove them and refund the purchase price and the transportation costs thereof. THE FOREGOING STATES THE ENTIRE LIABILITY OF QUINCY AND AFFILIATES WITH RESPECT TO PATENT INFRINGEMENT.



To the extent that said Products or any portion thereof are supplied according to Purchaser's detailed design or instructions, or modified by Purchaser, or combined by Purchaser with equipment or things not furnished hereunder, except to the extent that Quincy is a contributory infringer, or are used by Purchaser to perform a process, or produce a product, and by reason of said design, instructions, modification, combination, performance or production, a suit or proceeding is brought against Quincy, Purchaser agrees to indemnify Quincy in the manner and to the extent Quincy indemnities Purchaser in this Section 10 insofar as the terms hereof are appropriate.

11. ASSIGNMENT – Any assignment of this contract or any rights hereunder, without prior written consent of Quincy by a duly authorized representative thereof shall be void.

12. TERMINATION – Any order or contract may be cancelled by Purchaser only upon payment of reasonable charges (including an allowance for profit) based upon costs and expenses incurred, and commitments made by Quincy.

13. PARTIAL INVALIDITY – If any provision herein or portion thereof shall for any reason be held invalid or unenforceable, such invalidity or enforceability shall not affect any other provision or portion thereof, but these conditions shall be construed as if such invalid or unenforceable provision or portion thereof had never been contained therein.

14. REMEDIES – The remedies expressly provided for in these conditions shall be in addition to any other remedies, which Quincy may have under the Uniform Commercial Code or other applicable law.

NOTE: Sale of the equipment or services described or referred to herein at the price indicated is expressly conditioned upon the terms and conditions set forth on the front and back of this page. Any confirmatory action by the Purchaser hereunder, or any acceptance of such equipment or services, shall constitute assent to said terms and conditions. Any additional or different terms or conditions set forth in the Purchaser's order or other communications are objected to by Seller and shall not be effective or binding unless assented to in writing by an authorized representative of Seller.

15. Payment. If Buyer fails to pay any invoice when due, Seller may defer deliveries under this or any other contract with Buyer, except upon receipt of satisfactory security for or cash in payment of any such invoice. Invoices shall be paid in full and Buyer shall not be entitled to deduct, set-off or to withhold payment. Amounts past due shall bear interest at the lower of the maximum rate allowed by law or one and a half percent (1.5%) per month. Failure on the part of Buyer to pay invoices when due shall, at the option of Seller, constitute a default in addition to all other remedies Seller may have under these Terms and Conditions of Sale, applicable law, and/or in equity. If, in the judgment of Seller, the financial condition of Buyer at any time prior to delivery does not justify the terms of payment specified, Seller may require payment in advance or cancel any outstanding order, whereupon Seller shall be entitled to receive reasonable cancellation charges. If Buyer delays shipment, payments based on date of shipment shall become due as of the date when ready for shipment. If Buyer delays completion of manufacture, Seller may elect to require payment according to percentage of completion. Equipment held for Buyer shall be at Buyer's risk and storage charges may be applied at the discretion of Seller. For orders under \$100,000 the payment terms shall be Net 30 days from date of shipment.

For orders over \$100,000 or with lead times greater than six months, the following payment schedule shall apply:

- a. 30% of order value 30 days from date of Buyer's purchase order or upon drawing approval.
- b. 30% of order value after passage of 1/2 of the time from date of Buyer's order to the originally scheduled delivery to carrier.
- c. 40% of order value, net 30 days from date of delivery to carrier.

Seller expressly reserves the right to cease all work on the order if payment is not received in accordance with the payment schedule.

16. Cancellation. 16.1. Each party shall have the right to cancel the order in whole or in part (with immediate effect upon writing or at a later time at the non-breaching party's discretion) if the other party becomes insolvent, makes a general assignment for the benefit of creditors, suffers or permits the appointment of a receiver for its business or assets, becomes subject to any proceeding under any bankruptcy or insolvency law, or has wound up or liquidated (voluntarily or otherwise). In addition, each party shall have the right to cancel the order in whole or in part if the other party fails, within 30 days after receipt of written notice from the non-breaching party specifying the material breach and intent to terminate, to commence and diligently pursue cure of the breach. Notwithstanding anything else, it is acknowledged that Seller may suspend Seller's performance in whole or in part immediately if Buyer fails to make any payments when due.

16.2. Unless Buyer's cancellation is made pursuant to Section 16.1 above, Buyer shall have no right to cancel a Product order (or a part of the order) unless Seller, at its sole discretion, agrees in writing that the order (or the part of the order) may be cancelled and Buyer pays cancellation fees in accordance with this Section 16.2. Unless different cancellation fees are specifically agreed to in a Seller-signed cancellation authorization document for the specific Product being cancelled, the cancellation fees shall be as follows:

#### Cancellation Fees

##### Orders for engineered Products

###### A) Prior to release for manufacturing:

\*10% of optional equipment or purchased materials will be charged (including special components including, but not limited to, motors, controls, etc.)

###### B) After production has started:

\*40% of optional equipment or purchased materials will be charged (including special components including, but not limited to, motors, controls, etc.)

\*10% of base Product price

###### C) After production has been completed:

100% of optional equipment or purchased materials will be charged (including special components including, but not limited to, motors, controls, etc.)

\*20% of Product base price

##### Orders for standard Products

###### A) After production has started:

\*10% of base Product price

###### B) After production has been completed:

\*20% of Product price

**Accepted by:** \_\_\_\_\_

**Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**PO#:** \_\_\_\_\_

## Trade Compliance Clause

*Any quotation is legally binding upon us only after you have received a written acceptance from us of any order from you based on that quotation and we can at any point in time withdraw our quotation.*

*By placing the order you certify that the order will not be used for any purpose connected with chemical, biological or nuclear weapons, or missiles capable of delivering such weapons, nor any other purpose prohibited by applicable law.*

*Furthermore, you certify that you will comply with applicable local and international foreign trade and customs requirements or any embargos or other sanctions.*

*You will immediately notify us in writing of any breach of this statement.*

*We shall not be obligated to fulfill a binding order or agreement or any part thereof or related to it, nor liable for its non-fulfillment, if such fulfillment is prevented by any impediments arising out of applicable local and/or international foreign trade and customs requirements or any embargos or other sanctions.*

*We shall have the right to terminate a binding order or agreement or any part thereof or related to it, with immediate effect and without prior notice, if fulfillment is prevented by any impediments arising out of applicable local or international foreign trade and customs requirements or any embargos or other sanctions.*

*The customer shall indemnify us for any direct or indirect damages arising in consequence of any breach of this statement*