



730 East Prospect Road, Oakland Park, Florida 33334  
Phone: (954) 566-1440

4300 Biscayne Blvd, Suite G-05, Miami, Florida 33137  
Phone: (305) 571-9825

**QUOTATION**

**Job Name:** Coconut Creek Public Works MAU System  
**Customer:** Master Mechanical Services, Inc.  
**Contact:** Sean Pinna  
**E-mail:** spinna@mastermechanicalservices.com

**Date:** January 12 2024  
**Quoted By:** Andres Tovar  
**Estimated By:** Andres Tovar  
**Quote #:** 0032 AT (REV.2)

We are pleased to offer our quotation for the following equipment per DCI Systems Group, Inc and the Manufacturer's standard terms and conditions of sale, subject to credit approval. No warranties, expressed or implied, other than those of the Manufacturers shall apply. This proposal shall be valid for 30 calendar days from the date of quotation. All prices are F.O.B. factory with freight allowed to job site and applicable sales tax. Delivery is the Manufacturer's standard production cycle availability unless noted otherwise. Billing shall be by DCI Systems Group or the Manufacturers or split between DCI Systems Group, Inc and the Manufacturers. Orders accepted by Seller can be cancelled only with the written consent of Seller in Seller's sole discretion and only upon payment of a cancellation charge of 20% of the price or such greater amount as may be specified by seller in its consent. The quantity count and scope of included items must be reviewed and verified by your company to ensure project requirements are fulfilled. If a quantity and/or scope discrepancy exists, please notify DCI Systems Group, Inc for a quote revision. We look forward to working with you on this project. Thank-you for considering our products!

**ABOVE AIR –OUTSIDE AIR SPLIT SYSTEM (Tag: OA-1)**

<u>Qty</u>	<u>Description</u>
(01)	<p><b>VK-OA VERTICAL FLOOR MOUNTED UNIT WITH REMOTE OUTDOOR CONDENSER</b> including the following:</p> <ul style="list-style-type: none"> <li>• Exterior cabinet chassis and access panels are powder-coat painted heavy gauge galvalume steel</li> <li>• Cabinet and access panel interiors are lined with 2 lb/ft<sup>2</sup> high density sound and thermal insulation and sealed with self-extinguishing gasketing conforming to NFPA 90A and 90B</li> <li>• Front and side service access</li> <li>• Nominal 30 tons</li> <li>• Top ducted discharge and rear return</li> <li>• Double width, double inlet forward curved fans</li> <li>• EC evaporator fan motor</li> <li>• One set of 2" MERV 8 efficient filters</li> <li>• DX Cooling Coil</li> <li>• Evaporator to have aluminum fin copper tube cooling coil and heresite coil coating</li> <li>• Indoor unit includes dual scroll compressors</li> <li>• Modulating hot gas reheat</li> <li>• Suitable for a 460V/3PH/60HZ electrical service</li> <li>• Stainless steel drain pan</li> <li>• MC controller with remote start/stop contact</li> <li>• Remote outdoor condenser with heresite coating on condenser coil</li> <li>• Non fused disconnect switch (both indoor and outdoor units)</li> <li>• Suitable for a 460V/3PH/60HZ electrical service</li> <li>• 5 year compressor warranty and 1<sup>st</sup> year manufacturer's parts warranty</li> <li>• Start up assistance by factory trained personnel</li> </ul>

**NOT INCLUDED:** Smoke detector; discharge air plenums; mixing boxes; vibration isolators; electric heat; humidifier; phase monitor; flexible hoses; floor stands; Installation; installation material; extended warranty parts; extended warranty labor or any other items not listed above.

**Delivery of equipment must be accepted as scheduled by shipping company; any storage, or re-consignment**

fees will be responsibility of contractor

TOTAL PRICE, F.O.B. FACTORY FREIGHT ALLOWED (Plus Applicable Sales Tax) ..... \$ 148,000.00

ACCEPTED BY: \_\_\_\_\_

DATE: \_\_\_\_\_ P.O. #: \_\_\_\_\_

RG/at

# Air & Power Solutions

656 S. Military Trail  
Deerfield Beach FL 33442  
PH: (954) 427-0019  
(954) 427-0022



**VERTIV**<sup>™</sup>

<b>COMPANY:</b>	Master Mechanical	<b>PROPOSAL #:</b>	CPQ-622758-1
<b>ATTN:</b>	Sean Pinna	<b>PAGES:</b>	6
<b>VALID TO:</b>		<b>DATE:</b>	1/28/2024
<b>FROM:</b>	Dale Keitz		
<b>PROJECT:</b>	City of Coconut Creek CRAC-2		

**We are pleased to provide our Quotation for the following Vertiv products and services:**

Line	Part Number	Description	Quantity	Net Price
1.0	DS053ADA1EIPFV0	"Liebert DS"	1	
1.1	302824G1	"FLSTD 97X33X18 NOM DS W/EC"	1	
1.2	WI-3HR4	"Warranty Inspection"	1	
1.3	1WL THERMLAB-J-EBS	"WarrantyLaborLWCoverageJ"	1	
1.4	5WCDS53DSL	"5th Year Compressor Only"	1	
2.0	TCDV251-A	"CONDENSER VFD 3FAN 60HZ"	1	
2.1	WI-3HR4	"Warranty Inspection"	1	
2.2	1WL THERMLAB-C-EBS	"WarrantyLaborLWCoverageC"	1	
Total Quoted Price - Value for Purchase Order - Including Freight				USD \$115,000.00

## 1.0 Liebert DS

**One (1) Liebert DS(s), Model DS053ADA1EIPFV0, 460 Volts, 60Hz, 3 Phase, 65,000 amps rms Short Circuit Current Rating, Liebert DS Precision Cooling Systems: Nominal 053 kW (15 Ton) Air Cooled Downflow System:**

- 14 gauge, welded frame, with Autophoretic coating. Frame can be field separated into three sections for transport through small areas
- Front Service Access
- Supply air exits from the bottom of the unit
- Return air enters the top of the unit
- Exterior panels insulated & powder coated
- 4" filters, MERV 8 rating
- EC Motor with Fans Operating Inside the Unit
- Infrared Humidifier with automatic flush cycle. Capacity of 22 lbs/hr (kg/hr)
- Three-stage, Finned tubular, 304/304 stainless steel electric reheat with a capacity of 25 KW (BTUH)

- Dual refrigeration circuits with liquid line filter driers, refrigerant sight glasses, expansion valves, and liquid line solenoid valves
- Two (2) independent Digital Scroll Compressors provide variable capacity, increased part-load energy efficiency, and reduced compressor cycling
- A-frame Evaporator coil with stainless steel drain pan
- R-407C refrigerant. Field supplied and field charged on air-cooled units
- Liebert iCOM Control with High Definition Display
- iCOM based communication
  - BACnet MSTP (RS-485 Port)
  - SNMP (Ethernet Port)

**Includes**

- Locking Disconnect switch
- Smoke Sensor with unit alarm and shutdown. Includes supervision contacts
- LT410 Point Leak Detection Sensor Qty 1 per unit
- Floorstand: Standard EC Fan - 18" (457 mm)
- Plenum: None

**Warranties:**

- Labor Warranty Coverage and Warranty Inspection Included
- Extended 2nd thru 5th Year Compressor Warranty

**2.0 FinTube Condenser**

**Quantity 1 Liebert Fin/Tube Condenser using input supply voltage of 460 Volts 3 Phase 60 Hz.**

The Liebert Fin/Tube Condenser is a low-profile air-cooled condenser with two refrigeration circuits. The condenser provides for the heat rejection of either one or two separate refrigeration circuits, matching heat rejection capacity varying with the outdoor ambient temperatures and with each corresponding compressor heat rejection requirements. Constructed of aluminum with a copper tube/aluminum fin coil and direct-drive propeller fan(s), the unit is quiet and corrosion resistant. Included are internal electrical controls, factory wired inside an integral NEMA 3R electrical panel. Copper pipe connections are provided for brazing of field piping and connections are located under the electrical panel. Each unit is piped and tested for maximum performance reliability, and is covered by a one year parts & workmanship warranty.

**Liebert Fin/Tube Condenser Details:**

- Variable Speed Drive with Inverter Duty Motor
- Locking Disconnect Switch & Internal Surge Protective Device
- Aluminum exterior panels and 18" aluminum legs
- Dual refrigerant circuits
- Domestic packaging
- CSA Listed
- Sized for an outdoor design ambient of 95°F



**Warranties:**

- Labor Warranty Coverage and Warranty Inspection Included

**- Please address Purchase Orders to:  
Air & Power Solutions, Inc.**

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Dale Keitz  
Sales Representative

**Terms & Conditions:**

- Quotation Valid for 30 days
- Freight terms Ex Works (EXW)/FOB Origin
- Price does not include tax
- Price does not include freight unless explicitly listed on the quote

**Payment Terms:**

Policy is Net 30 days upon credit approval unless previously agreed to in a master contract that governs customer purchase orders. All pricing is generated based on this policy. If a deviation from policy is requested, Vertiv reserves the right to reject such requests, or increase the quoted price by 1.5% per 30 days extended.

**Information to Buyer:**

This order between the Buyer and Seller is limited to Seller's Terms and Conditions located at <http://termsconditions.vertiv.com/> unless a formal agreement governing this Purchase Order/transaction has been executed by the parties, in which case the Terms and Conditions of the signed agreement shall govern. Seller hereby objects to all Buyer's terms and conditions received by Seller and/or issued by Buyer.

**Taxes:**

Any current or future tax, duty, tariff or governmental charge (or increase in same) affecting Seller's costs of production, sale, services or delivery or shipment of Goods Parts, and/or Software, or which Seller is otherwise required to pay or collect in connection with the sale, purchase, delivery, performance, storage, processing, use or consumption of Goods, Parts, and/or Software, shall be for Buyer's account and shall be added to the price or billed to Buyer separately, at Seller's election.



## LIMITED WARRANTY FOR THERMAL MANAGEMENT PRODUCTS

**Warrantor:** Vertiv Corporation (referred to herein as "Vertiv") offers the following **One-Year Limited Warranty Against Defects in Material and Workmanship ("Warranty")** for applicable Product.

### **Products Covered:**

- Vertiv Thermal Management Products

### **Terms of Limited Warranty:**

As provided herein, Vertiv warrants that during the Warranty Period (as defined below) the Product:

- is free of defects in material and workmanship; and
- conforms to the descriptions contained in any applicable certified drawings for such Product, to Vertiv's final invoices, and to applicable Vertiv Product brochures and manuals current as of the date of Product shipment ("Descriptions")

**Warranty Period:** A period of one (1) year from a valid, documented Product warranty inspection performed by Vertiv personnel, which period shall expire no later than eighteen (18) months from the Product shipment date. Product shipment date is determined only from the bill of lading. If Product warranty inspection is not performed, the Warranty Period is thirteen (13) months from the date of shipment by the original end-user.

If any part or portion of the Vertiv Product fails to conform to the Warranty within the Warranty Period, Vertiv, at its option, will furnish new or factory remanufactured Products for repair or replacement of that failed portion or part. REPAIR OR REPLACEMENT OF A DEFECTIVE PRODUCT OR PART THEREOF DOES NOT EXTEND OR RESTART THE ORIGINAL WARRANTY PERIOD. Vertiv does not control the use of any Product and, accordingly, materials classified as "Descriptions" are NOT WARRANTIES OF PERFORMANCE and NOT WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE.

### **Who is Covered**

This Warranty extends to the original end-user (the "User") and only within the fifty states of the USA and Canada. This Warranty is not transferable or assignable without the prior written permission of Vertiv. This Warranty is given ONLY to purchasers who buy for commercial or industrial use in the ordinary course of business. Vertiv assigns to User any warranties which are made by manufacturers and suppliers of components of, or accessories to, the Vertiv Product and which are assignable, but Vertiv makes NO REPRESENTATIONS as to the effectiveness or extent of such warranties, assumes NO RESPONSIBILITY for any matters which may be warranted by such manufacturers or suppliers and extends no coverage under this Warranty to such components or accessories.

### **Warranty Claims Procedure and Services:**

Within thirty (30) days after User's discovery of a defect, User must contact their local Vertiv representative and provide all material information relating to such alleged defect. User may contact Vertiv at (800) 543-2378 for local Vertiv representative information.

Vertiv, in its sole discretion, shall either repair or replace defective Products. User shall bear all labor or shipping charges associated with de-installation, shipment and transportation of the returned Product and the transportation and installation of the Product replaced under warranty. Warranty coverage will be extended only after Vertiv or its representative's inspection discloses the claimed defect and shows no signs of treatment or use that would void the coverage of this Warranty. All defective Products and parts thereof replaced under this Warranty become the property of Vertiv.

### **Items Not Covered:**

THIS WARRANTY DOES NOT COVER DAMAGE OR DEFECT CAUSED BY misuse, improper application, wrong or inadequate electrical current or connection, inadequate water or drain services, negligence, inappropriate on site operating conditions, repair by non-Vertiv designated personnel, accident in transit, tampering, alterations, a change in location or operating use, exposure to the elements, Acts of God, theft or installation contrary to Vertiv's recommendations or specifications, or in any event if the Vertiv serial number has been altered, defaced, or removed.

THIS WARRANTY DOES NOT COVER shipping costs, Product installation/removal costs, travel costs, external circuit breaker resetting, loss of refrigerant, maintenance or service items and further, except as may be provided herein, does NOT include labor costs or transportation, arising from the replacement of the Vertiv Product or any part thereof or charges to remove or reinstall same at any premises of User, nor for site inspections that determine no corrective action was required nor any other services not expressly provided for by the terms of the Warranty. Consumables, including but not limited to air filters, are not covered by this Warranty.

THIS WARRANTY IS VOID UPON THE FOLLOWING: (1) the Product having been stored in an unsuitable environment after Product shipment and/or (2) if applicable, Product warranty inspection performed by a third party other than Vertiv and/or its authorized representatives. No salesperson, employee or agent of Vertiv is authorized to add to or vary the terms of this Warranty. Vertiv retains the right to cancel the Warranty, subject to reinstatement at Vertiv's sole discretion, for late- or non-payment of the Product purchase price and any other amounts due. Warranty terms may only be modified, if at all, in writing and signed by a Vertiv officer.

### **Other Limitations**

THIS LIMITED WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. USER'S SOLE AND EXCLUSIVE REMEDY IS REPAIR OR REPLACEMENT OF THE VERTIV PRODUCT AS SET FORTH HEREIN. IF USER'S REMEDY IS DEEMED TO FAIL OF ITS ESSENTIAL PURPOSE BY A COURT OF COMPETENT JURISDICTION, VERTIV'S RESPONSIBILITY FOR PROPERTY LOSS OR DAMAGE SHALL NOT EXCEED THE NET PRODUCT PURCHASE PRICE. IN NO EVENT SHALL VERTIV ASSUME ANY LIABILITY FOR INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES OF ANY KIND WHATSOEVER, INCLUDING WITHOUT LIMITATION LOST PROFITS, BUSINESS INTERRUPTION OR LOSS OF DATA, WHETHER ANY CLAIM IS BASED UPON THEORIES OF CONTRACT, NEGLIGENCE, STRICT LIABILITY, TORT, OR OTHERWISE. THE PRODUCTS LISTED IN THIS WARRANTY ARE NOT FOR USE IN CONNECTION WITH ANY NUCLEAR, MEDICAL, LIFE-SUPPORT AND RELATED APPLICATIONS.