

**DEPARTMENTAL INPUT
CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION**

New contract
 OTR
 CO
 SS
 BW
 Emergency
 Previous Contract/Project No: **N/A**

Re-Bid
 Other
 LIVING WAGE APPLIES: ___YES ___X___NO

Requisition/Project No: **RQLB1200005**

Term of Contract: **Upon Completion**

Requisition/Project Title: **Furnish A/C Roof Top Unit**

Description: **The scope of work for this solicitation is for a vendor to provide, deliver and put-in-place, and commission an AAON or approved equal A/C Roof Top Unit. The vendor shall also remove and deliver the existing roof top unit and deliver it to the County Store.**

User Department(s): **Library: Pinecrest Branch**

Issuing Department: **ISD PM**

Contact Person: **SUSAN H. PASCUL** Phone: **305-376-2037**

Estimated Cost: **\$77,000.00** Funding Source: **LIBRARY DISTRICT FUNDS**

ANALYSIS

Commodity/Service No: 031-06		SIC:	
Trade/Commodity/Service Opportunities			
Contract/Project History of Previous Purchases For Previous Three (3) Years Check Here <input checked="" type="checkbox"/> if this is a New Contract/Purchase with no Previous History			
	EXISTING	2 ND YEAR	3 RD YEAR
Contractor:			
Small Business Enterprise:			
Contract Value:			
Comments:			
Continued on another page (s): ___Yes ___No			

RECOMMENDATIONS

SBE	Set-Aside	Sub-Contractor Goal	Bid Preference	Selection Factor
		%		
		%		
		%		
		%		

Basis of Recommendation:

Signature: 

Date to DBD: 7/2/12

Date Returned to DPM: _____

RECEIVED
 DEPT. BUSINESS DE
 2012 JUN 32 AM 11:50

PCHL2140 V5.1
LINK TO:

MIAMI-DADE COUNTY ADPICS 5.1
REQUISITION DOCUMENT INQUIRY

07/02/2012
10:39 AM

PAGE 00001 OF 00004

REQUISITION ID: RQLB1200005 REQUISITION TOTAL : 77,000.00 NOTEPAD : N
DEPT : LB05 MIAMI-DADE PUBLIC LIBRARY SYS-SUPT SERV.
BUYER : 963 SUSAN PASCUL
VENDOR : 591432374 01 PROTEC INC

LINE	QUANTITY	U/M	COMMODITY		
001	1.00	EA	031-06	77,000.0000	77,000.00
			AIR CONDITIONING AND HEATING: CENTRAL	UNITS, AND	

SPEC THIS REQUEST IS TO FURNISH A ROOFTOP UNIT (RTU)
(REPLACING A FAILED UNIT AT PINECREST BRANCH)

NEW ROOFTOP UNIT

UNIT TAG - RTU-1

LOCATION - ROOF

MODEL STRING - RN-050-3-0-EA19

MANUFACTURER - "AAON" OR "APPROVED EQUIVALENT"

OUTSIDE AIR FLOW: CFM - 3460

OUTSIDE AIR TEMP.: FDB/FWB - 91/79

F1-HELP

F4-PRIOR

F5-NEXT

F6-HEADER

F7-PRIOR PG F8-NEXT PG F9-LINK

F12-PRINT

G655 - REQUISITION PRINTED

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LINK TO:

MIAMI-DADE COUNTY ADPICS 5.1
REQUISITION DOCUMENT INQUIRY

07/02/2012
10:47 AM

PAGE 00002 OF 00004

REQUISITION ID: RQLB1200005 REQUISITION TOTAL : 77,000.00 NOTEPAD : N
DEPT : LB05 MIAMI-DADE PUBLIC LIBRARY SYS-SUPT SERV.
BUYER : 963 SUSAN PASCUL
VENDOR : 591432374 01 PROTEC INC

LINE QUANTITY U/M COMMODITY

001 SPEC RETURN AIR FLOW: CFM - 12540
RETURN AIR TEM: FDB/FWB - 75/62
EXHAUST AIR FLOW: CFM - N/A
SUPPLY AIR FLOW: CFM - 16000
RETURN AIR CONN LOCATION - BOTTOM
SUPPLY AIR CONN LOCATION - BOTTOM
OPER. WEIGHT: LB - 5404
ELECTRIC CHARACT: V/PH/HZ - 460/3/60
UNIT F.L.A.: AMPS - 115
UNIT M.C.A.: AMPS - 122
WARRANTY:

ONE YEAR MANUFACTURER'S PARTS AND LABOR WARRANTY AND ADD FOUR YEAR

F1-HELP

F4-PRIOR

F5-NEXT

F6-HEADER

F7-PRIOR PG F8-NEXT PG F9-LINK

F12-PRINT

G012 - NEXT PAGE DISPLAYED

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PAGE 00003 OF 00004

REQUISITION ID: RQLB1200005 REQUISITION TOTAL : 77,000.00 NOTEPAD : N
DEPT : LB05 MIAMI-DADE PUBLIC LIBRARY SYS-SUPT SERV.
BUYER : 963 SUSAN PASCUL
VENDOR : 591432374 01 PROTEC INC

LINE QUANTITY U/M COMMODITY

001 SPEC PARTS AND LABOR EXTENDED WARRANTY.

FURTHER DETAILS OF THE PROPOSAL WILL BE PROVIDED AS A SEPARATE
ATTACHMENT.

INSIDE DELIVERY REQUIRED.

(WITHIN 30 DAYS AFTER RECEIPT OF PURCHASE ORDER)

SPECIFY THE ACTUAL NUMBER OF DAYS FOR DELIVERY WHEN SUBMITTING BID

F1-HELP

F4-PRIOR

F5-NEXT

F6-HEADER

F7-PRIOR PG F8-NEXT PG F9-LINK

F12-PRINT

G012 - NEXT PAGE DISPLAYED



**SECTION #3
EMERGENCY PURCHASES**

NOTE TO DEPARTMENTS: COMPLETE ITEMS MARKED WITH (▶)

▶ REQUISITION #: RQLB1200005 P.O. #: _____ BCC DATE: _____

▶ ACQUISITION DATE (Date Order Is Placed): _____

▶ TITLE: <u>PURCHASE PINCREST ROOFTOP UNIT</u>
▶ DESCRIPTION: <u>THE REPLACEMENT PURCHASE OF ROOFTOP UNIT (RTU)</u>
▶ PURPOSE :

▶ Department(s):	▶ Funding Source(s):	▶ Allocation(s):
		\$
*LIBRARY	LIBRARY DISTRICT	\$ 77,000.00

▶ TERM OF CONTRACT:

One Two Three Four Five *Year(s)

_____ Month(s)

Contract Period From _____ to _____

Upon Completion * From _____ to _____

Upon Delivery * 30 Days A.R.O. (after Receipt of Order)

Special Conditions:

Insurance Type _____

Performance/Payment Bond

Certificate of Competency

Living Wage Applies

SBE Measures:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Set Aside	<input type="checkbox"/> SBE	<input type="checkbox"/> Micro Enterprise	Review Committee Date: _____
	<input type="checkbox"/> Bid Preference	<input type="checkbox"/> SBE	<input type="checkbox"/> Micro Enterprise	Item #: _____	
	<input type="checkbox"/> Goal	<input type="checkbox"/> SBE	<input type="checkbox"/> Micro Enterprise		

▶ Number of Price Quotation(s): Requested: _____ Received: _____

Awarded To Low Bidder: * YES NO, if "NO", provide explanation in the Comments section

Vendor: <u>PROTEC INC</u>	Vendor: _____
Vendor: _____	Vendor: _____

Contract Value: \$ _____

Did Local Preference affect the outcome of the Award?	<input type="checkbox"/> YES <input type="checkbox"/> NO, if "YES", provide detailed explanation in the "Comments" section
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UAP Included: <input type="checkbox"/> YES <input type="checkbox"/> NO	<ul style="list-style-type: none"> • Will CITT Funds be used? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO • Will Federal Funds be used? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO • If UAP is not included, Attach written approval to waive UAP and provide an explanation in the "Comments" section
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SECTION #3
EMERGENCY PURCHASES

REQUISITION # ROLB1200005
TITLE PURCHASE PINECREST ROOFTOP UNIT (RTU)

► **Justification and
Comments:**

THE ROOFTOP UNIT (RTU) FOR THE PINECREST BRANCH LIBRARY IS EXPECTED TO FAIL WITHIN A FEW MONTHS (NOT EXPECTED TO LAST THROUGH THE SUMMER OF 2012). THE LIBRARY DEPARTMENT IS REQUESTING AN EMERGENCY PURCHASE OF A STRAIGHT REPLACEMENT UNIT ONLY. THE INSTALLATION WILL BE PERFORMED BY QUALIFIED PERSONNEL OF THE DEPARTMENT. THE LIBRARY DEPARTMENT HAS STUDIED ALL ISSUES RELATED TO REPLACEMENT OF THIS UNIT AND HAS CONCLUDED THAT THE UNIT SHOULD BE THE SAME OR EQUIVALENT TO THE EXISING UNIT AND MANUFACTURED BY THE SAME MANUFACTURER OF THE SAID UNIT. THE REPLACEMENT UNIT SHOULD BE "AAON" OR AN APPROVED EQUIVALENT MUST CONFORM TO THE PHYSICAL LAYOUT OF THE EXISTING UNIT AND FOR VARIOUS REASONS FURTHER EXPLAINED BELOW:

SPACE:

DUE TO SPACE LIMITATIONS THE DEPARTMENT IS TRYING TO MINIMIZE THE AMOUNT OF REPAIR WORK ON THE ROOF. THIS INCLUDES UTILIZING THE EXISTING CURBS AND ROOF HARD POINTS TO SECURE THE UNIT TO THE ROOF, AS WELL AS ALL PIPES, ELECTRICAL AND DUCT INTAKES. THIS CAN ONLY BE ASSURED BY PURCHASING THE SAME MODEL UNIT FROM THE SAME MANUFACTURER. KEEPING THE CURRENT DUCT CURBS, ROOF HARD POINTS, AND THE FEED/SUPPLY LINES WILL EXPEDITE THE INSTALLATION OF THE EQUIPMENT AND REDUCE THE OVERALL INSTALLATION COST.

DOWN TIME:

A FULL REPLACEMENT OF THE SYSTEM CAN TAKE THREE MONTHS OR MORE. CONSIDERING MANUFACTURING, DELIVERY AND INSTALLATION. A STRAIGHT REPLACEMENT CAN SIGNIFICANTLY REDUCE THIS TIMEFRAME BECAUSE THE REQUIREMENTS/MODIFICATIONS TO THE EXISTING SYSTEM WOULD BE MINIMAL. THERE WOULD ALSO BE LESS DISRUPTION TO SERVICES. A NEW SYSTEM WOULD REQUIRE EXTENSIVE DEMOLITION AND RE-DIRECTION OF LINES, PIPES AND DUCTS. THIS WOULD BE DISRUPTIVE, TIME CONSUMING AND COSTLY.

THE PURCHASE OF A STRAIGHT REPLACEMENT OF THE UNIT CAN BE DONE WITH MINIMUM DISRUPTION OF SERVICES AND IS LESS COSTLY THAN RETROFITTING ANOTHER UNIT

Background/Need to Know:

THE PACKAGED UNIT IS LOCATED ON THE ROOF OF THE FACILITY WHERE THERE IS AN EXISTING SOUND ABSORBING WALL BUILT AROUND THE UNIT THAT PREVENTS NOISE TO NEIGHBORING COMMUNITIES. THIS WALL PROVIDES LESS THAN THREE FEET OF CLEARANCE FOR MAINTENANCE OF THE UNIT. A COMPATIBLE REPLACEMENT UNIT WOULD REQUIRE ADDITIONAL ROOM FOR DEMOLITION AND RE-DIRECTING OF CURBS, PIPES, LINES AND DUCTS. THIS INCREASES THE POSSIBILITY OF DAMAGE TO THE WALL, WHICH COSTS MORE THAN THE AC UNIT ITSELF.

SECTION #3
EMERGENCY PURCHASES

Potential Issues: FAILURE TO REPLACE THE ROOFTOP UNIT AS SOON AS POSSIBLE COULD POTENTIALLY LEAD TO HEALTH HAZARDS TO PATRONS AND EMPLOYEES.

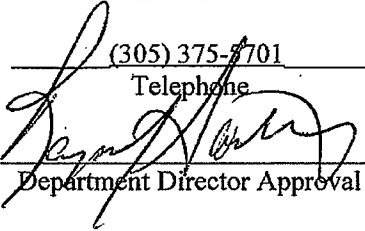
► **Signature(s):**

ANNA RODRIGUEZ
Contact Person

5/22/2012

Date

(305) 375-7701
Telephone


Department Director Approval

5/25/12
Date

Department of Procurement Management Use Only

Signatures(s):

Procurement Agent

Date

Procurement Supervisor

Date

Procurement Manager

Date

Division Director

Date

Director

Date

Vendor Assistance Section

Date

Attach: 1. Explanation of the emergency situation. 2. Written price quotation(s) including terms and conditions. 3. Vendor(s) Certificate of Insurance. 4. Copy of invoice(s).

PINECREST LIBRARY NEW ROOF TOP UNIT SCHEDULE

PINECREST LIBRARY NEW ROOF TOP UNIT SCHEDULE			FEATURES AND OPTIONS TO BE PROVIDED	
GENERAL	UNIT TAG	RTU-1	<ol style="list-style-type: none"> 1 DOUBLE WALL WITH R-13 INSULATION UNIT CONSTRUCTION 2 GALVANIZED PANELS (IN/OUT) 3 EXTERIOR PAINT (2,500 HRS SALT SPRAY TEST MINIMUM) 4 ACCESS DOORS WITH STAINLESS STEEL HINGES 5 SLOPED STAINLESS STEEL DRAIN PAN 6 CAST ZINC CAST LOCKABLE HANDLES 7 DIGITAL VARIABLE CAPACITY COMPRESSORS - HIGH EFFICIENCY 8 POLYMER E-COATED EVAPORATOR COIL 9 POLYMER E-COATED CONDENSER COIL 10 FACTORY INSTALLED O.A. TEMP SENSOR. 11 FIELD INSTALLED SUPPLY AIR TEMP SENSOR 12 FACTORY INSTALLED PROOF OF FLOW SENSOR 13 VAV UNIT CONTROLLER - VAV COOL 14 ECONOMIZER 15 OUTSIDE AIR CONTROL MOTORIZED DAMPER - CO2 OVERRIDE + FULLY MODULATING ACTUATOR- ENTHALPY LIMIT 16 PHASE AND BROWNOUT PROTECTION 17 VARIABLE CAPACITY COMPRESSOR LEAD STAGES 18 HOT AS BYPASS LAG STAGES 19 MODULATING HOT GAS REHEAT FOR HUMIDITY CONTROL 20 DIRECT DRIVE B.I. PLENUM FAN WITH VARIABLE FREQUENCY DRIVE. 21 CLOGGED FILTER SWITCH + MAGNEHELIC GAUGE 22 115V CONVENINECE OUTLET, FACTORY WIRED 23 ADJUSTABLE COMPRESSOR LOCKOUT EACH CIRCUIT 24 REMOTE SAFETY SHUTDOWN TERMINALS 25 DIRTY FILTER SENSOR 26 PREMIUM EFFICIENCY BLOWER MOTOR WITH VARIABLE FREQUENCY DRIVE 27 INDEPENENT REFRIGERANT CIRCUITS FOR EACH COMPRESSOR 28 POWER DISCONNECT SWITCH 150 AMPS 29 ETL U.S.A. LISTING 30 VARIABLE SPEED CONDENSER FANS 	
	AREA SERVED	PINECREST LIBRARY		
	LOCATION	ROOF		
	MODEL STRING	RN-050-3-0-EA19		
	MANUFACTURER	"AAON" OR "APPROVED EQUIVALENT"		
	OUTSIDE AIR FLOW	CFM		3460
	OUTSIDE AIR TEMP.	°Fdb / °Fwb		91/79
	RETURN AIR FLOW	CFM		12540
	RETURN AIR TEMP.	°Fdb / °Fwb		75/62
	EXHAUST AIR FLOW	CFM		N/A
	SUPPLY AIR FLOW	CFM		16000
	RETURN AIR CONN LOCATION			BOTTOM
	SUPPLY AIR CONN LOCATION			BOTTOM
	OPER. WEIGHT	LB		5404
	ELECTRIC CHARACT	V/Ph/Hz		460/3/60
UNIT F.L.A.	AMPS	115		
UNIT M.C.A.	AMPS	122		
UNIT M.O.P.	AMPS	125		
COOLING COIL	ENTERING AIR	°Fdb / °Fwb	78.46 / 66.26	
	LEAVING AIR	°Fdb / °Fwb	53.11 / 53.09	
	FACE VELOCITY	FPM	365.7	
	TOTAL CAPACITY	MBH	614.41	
	SENSIBLE CAPACITY	MBH	430.42	
REHEAT	MATRL. OF CONST.	TUBES/FINS	COPPER/ALUMINUM	
	CONSTRUCTION	ROWS/FPI	4/14	
SUPPLY FAN	REHEAT TYPE		MODULATING HOT GAS	
	LEAVING AIR TEMP	°Fdb	72	
	LEAVING AIR R.H.	%	51	
AIR COOLED CONDENSER	TOTAL CAPACITY	MBH	326	
	No. OF FANS		1	
	FAN WHEEL TYPE		B.C. PLENUM	
	DRIVE TYPE		DIRECT	
	E.S.P.	in w.g.	2	
COMPRESSORS	MOTOR SIZE	hp	20	
	VFD	YES/NO	YES	
	No. OF FANS		6	
	MOTOR SIZE	hp	0.75	
	AMBIENT TEMP.	°Fdb	95	
ACCESSORIES	VARIABLE SPEED	YES/NO	YES	
	ECM MOTOR	YES/NO	NO	
	REFRIGERANT		R-410A	
	QTY DIGITAL VARIABLE CAPACITY		2	
	RLA DIGITAL VCC	AMPS	18.6	
ACCESSORIES	QTY ON/OFF COMPRESSORS		2	
	RLA ON/OFF COMP.	AMPS	18.6	
	ROOF CURB	YES/NO	NO	
	ROOF CURB HEIGHT	INCHES	N/A	
	DUAL POINT POWER	YES/NO	NO	
	AUTOMATIC CONTROLS BY		MANUFACTURER	
	FACTORY INST. CTRL	YES/NO	YES	
	FILTER TYPE		2" PLEATED 30%	
PRE FILTER TYPE		N/A		

NOTES:

- 1- THE EXISTING ROOF CURB IS NOT GOING TO BE REPLACED. THE EXISTING ROOF TOP UNIT TO BE REPLACED IS A UNIT MANUFACTURED BY "AAON". WE STRONGLY RECOMMEND THE BIDDERS TO GET THE NEW UNIT FROM THE SAME MANUFACTURER SINCE THE PHYSICAL SIZE OF THE CABINET IS THE SAME AS THE EXISTING UNIT. THIS WILL ALLOW THE NEW UNIT TO BE MOUNTED IN THE EXISTING ROOF CURB WITHOUT ANY FIELD MODIFICATIONS.