

REQUEST FOR QUOTATION (THIS IS NOT AN ORDER)		THIS RFQ <input checked="" type="checkbox"/> IS <input type="checkbox"/> IS NOT A SMALL BUSINESS SET-ASIDE		PAGE OF PAGES 1 11
1. REQUEST NO. N00173-12-Q-0339	2. DATE ISSUED 9/7/09	3. REQUISITION/PURCHASE REQUEST NO. 63-9036-12	4. CERT. FOR NAT. DEF. UNDER BDSA REG. 2 AND/OR DMS REG. 1	RATING ▷
5a. ISSUED BY Supply Officer (Code 3410) NRL Washington DC 20375-5329			6. DELIVER BY (Date) 10/22/12	
5b. FOR INFORMATION CALL (NO COLLECT CALLS)				
NAME Cynthia V. Offutt		TELEPHONE NUMBER AREA CODE: 202 NUMBER: 767-3452		7. DELIVERY <input checked="" type="checkbox"/> FOB DESTINATION <input type="checkbox"/> OTHER (See Schedule)
8. TO:			9. DESTINATION	
a. NAME All Quoters	b. COMPANY		a. NAME OF CONSIGNEE Naval Research Laboratory	
c. STREET ADDRESS			b. STREET ADDRESS 4555 Overlook Ave SW Bldg 49	
d. CITY			c. CITY Washington	
e. STATE		f. ZIP CODE		d. STATE DC
e. ZIP CODE 20375-5329				
10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5a ON OR BEFORE CLOSE OF BUSINESS (Date) 9/21/12		IMPORTANT: This is a request for information and quotations furnished are not offers. If you are unable to quote, please so indicate on this form and return it to the address in Block 5a. This request does not commit the Government to pay any costs incurred in the preparation of the submission of this quotation or to contract for supplies or service. Supplies are of domestic origin unless otherwise indicated by quoter. Any representations and/or certifications attached to this Request for Quotation must be completed by the quoter.		

11. SCHEDULE (Include applicable Federal, State and local taxes)

ITEM NO. (a)	SUPPLIES/ SERVICES (b)	QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)
	See continuation sheets				

12. DISCOUNT FOR PROMPT PAYMENT ▷	a. 10 CALENDAR DAYS (%)	b. 20 CALENDAR DAYS (%)	c. 30 CALENDAR DAYS (%)	d. CALENDAR DAYS	
				NUMBER	PERCENTAGE

NOTE: Additional provisions and representations are are not attached.

13. NAME AND ADDRESS OF QUOTER			14. SIGNATURE OF PERSON AUTHORIZED TO SIGN QUOTATION		15. DATE OF QUOTATION
a. NAME OF QUOTER			16. SIGNER		b. TELEPHONE
b. STREET ADDRESS					
c. COUNTY			a. NAME (Type or print)		AREA CODE
d. CITY		e. STATE	f. ZIP CODE	c. TITLE (Type or print)	
					NUMBER

STANDARD FORM 36 JULY 1966 GENERAL SERVICES ADMINISTRATION FED. PROC. REG. (41 CFR) 1-16.101		CONTINUATION SHEET		REF. NO. OF DOC. BEING CONT'D		PAGE OF	
				N00173-12-Q-0339		2 11	
NAME OF OFFEROR CONTRACTOR							
All Quoters							
ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT		
0001	<p>Proposal to include supervision, labor and materials for the following:</p> <ul style="list-style-type: none"> -provide & install two (2) 10 ton Liebert Air Cooled in-row computer room air conditioning units (CRAC Units) for server room #154, Bld 28. We include providing & installing the following: -Quantity 2 Liebert CrV air-cooled precision cooling systems: <ul style="list-style-type: none"> *Configuration #: CR035RA1A70D0811E000PC 690 *Model #: CR035RA1A7C690 *Nominal 35kw, 120kBTU/h at aprox. 90F, 27% RH *460 volts, 3 phase, 60 hertz Quantity 2 95 degrees F Ambient Liebert Direct-drive air-cooled condenser: <ul style="list-style-type: none"> *Model #:TCSV60K-A *Variable Frequency Drive System with internal surge supression *460 Volts, 3 phase, 60 hertz *Locking disconnect switch <p>System details:</p> <ul style="list-style-type: none"> *Liebert iCOM control system w/ large graphic display, 320x240 dot matrix *2T temp. sensors to measure air temp. entering server racks- qty 3 *Adjustable supply air baffle system *Variable speed EC Plug fans *Digital Scroll, Variable capacity compressor utilizing R-410A *Crank case compressor heater *Evaporator type: tilted slab, copper tubes- aluminum fins w/ hydrophilic coat *Dual float condensate pump *Rating: MREV 8 per ASHRAE 52.2 (30% efficient by ASHRAE 52.1) *Filter clog detector with alarm *Locking disconnect switch *No reheat *No humidifier *Top and bottomw electrical and piping connections *One (1) Remote shutdown terminal *One (1) Alarm contact *Hot air return with front cold air discharge *Server rack style rear door *Superior service access panel *Installation casters with leveling feet *powder coated panels 	1	EA				

NAME OF OFFEROR CONTRACTOR
 All Quoters

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<p>*Unit color: Black gray matte (ZP-7021)</p> <p>Air Curtains hot isle containment solution: Vertical *Provides & install four (4) new 4' linear FT ESD Fire Resistant vinyl strip door kit (includes 110' clear poly drop down, track, 2 fusible link, splicer)-DC110X04VDKIT to create a hot isle containment.</p> <p>Router *(1) Liebert Router VNSA 8 for control of 2 new Liebert CRV CRAC units & emergency stand-by control of existing ceiling hung chilled water air handling units as a backup</p> <p>Also Includes: *Furnish rigging to set 2 new Liebert CRV CRAC units in place in Rm 154 & set 2 new Liebert air cooled condensers in 1 parking spakce nearest to server room outside the wall of Building #28. *Provide & Install properly sized refrigerant piping between indoor CRV units & Outdoor condensers. Piping to be copper ACR hard pipe & includes all fittings, P-traps, pipe handers, etc... & piped according to manufacturers recommendations. Includes "Bleeding" nitrogen thru piping while brazing to eliminate scaling inside of refrigerant piping during installation. *Insulate hot gas discharge lines with armaflex rubberized insulation in server room. *Furnish & install properly sized copper condensate piping from new condasatie pumps in Liebert CRV CRAC units to exsting condasatie lines in server room. *Furnish & install up to 8 steel bollards around condensers in parking space; paint yellow for protection against vehicles. Provide & install properly sized electrical power wiring from an existing adequately sized (installed by others) 460 volt, 3 phase electrical distribution panel located inside server room #154 (not currently installed) to new Liebert CRV units & condensers. *Install power wiring from an existing 120volt curcuit inside server room#154 to new Liebert router VNSA8 Panel. *Furnish & install control interlock wiring between new Liebert units indoors & outdoor units. Also tie into existing control wiring of existing ceiling hung chilled water units & terminate in Liebert controller so the existing ceiling hung chiller water units can be used as back-up in the event of a failure of one of the new Liebert CRVs. This will be accomplished by a Hi-Temp.set point.</p>				

STANDARD FORM 36 JULY 1966 GENERAL SERVICES ADMINISTRATION FED. PROC. REG. (41 CFR) 1-16.101		CONTINUATION SHEET		REF. NO. OF DOC. BEING CONT'D N00173-12-Q-0339	PAGE OF 2 b 11
NAME OF OFFEROR CONTRACTOR					
All Quoters					
ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<p>*Pressure test, evacuate & charge refrigerant circuits with proper amount of new refrigerant according to manufacture specifications.</p> <p>*Perform factory certified check, test start-up on new Liebert CRV CRAC units & test operation of control system operation & back-up air conditioning system control work.</p> <p>*Perform demonstation of proper operation of equipment to end user at time of start up.</p> <p>*A one (1) year part warrenty is included by manufacturer. A one (1) year warrenty on all work performed by Vendor that's awarded this requirement.</p> <p>Brand Name or Equal</p> <p>If available please include a published price list or a cost breakdown and return the RFQ package to the following fax number (202)767-6678.</p> <p>Any questions concerning this Request for Quotation (RFQ) must be e-mailed to SolQnA@nrl.navy.mil at least five (5) days before the closing date shown in block 10 on page 1 of RFQ.</p>				