

1. REQUEST NO. N00173-14-Q-0486	2. DATE ISSUED 10/01/2014	3. REQUISITION/PURCHASE REQUEST NO. 68-5160-14	4. CERT. FOR NAT. DEF. UNDER BDSA REG. 2 AND/OR DMS REG. 1 RATING
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5a. ISSUED BY Supply Officer (Code 3410) NRL Washington DC 20375-5329	6. DELIVER BY (Date) TBD
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5b. FOR INFORMATION CALL (NO COLLECT CALLS)

NAME Diltricia Montgomery	TELEPHONE NUMBER <input checked="" type="checkbox"/> FOB DESTINATION <input type="checkbox"/> OTHER (See Schedule)	9. DESTINATION
	AREA CODE 202	NUMBER 767-0022

8. TO: a. NAME All Quoters	b. COMPANY	a. NAME OF CONSIGNEE Naval Research Laboratory
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c. STREET ADDRESS	b. STREET ADDRESS 4555 Overlook Ave SW
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d. CITY	c. CITY Washington	d. STATE DC	e. ZIP CODE 20375
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10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5a ON OR BEFORE CLOSE OF BUSINESS (Date) 10/10/2014	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.
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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 attached continuation sheet.					

12. DISCOUNT FOR PROMPT PAYMENT 	a. 10 CALENDAR DAYS (%)	b. 20 CALENDAR DAYS (%)	c. 30 CALENDAR DAYS (%)	d. CALENDAR DAYS NUMBER PERCENTAGE
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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		AREA CODE
d. CITY	e. STATE f. ZIP CODE	c. TITLE (Type or print) NUMBER

NAME OF OFFEROR CONTRACTOR

All Quoters

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	Vibration Isolation Table-30" x 36" (750mm x 900mm) Vibration Isolation Table with 4"(100mm) stainless steel Clean Top II Optical Top M6 holes on 25mm centers - Gimbal Piston Isolators - Thin-Wall Rolling Diaphragms - All- brass height control valves - Internal Piston Travel Restraints - Tiebar Gussets - Rugged Built in leveling feet - Superior Stainless Steel Magnetic Table Top Includes: 83-014-01 Caster Set Part # A-VIB-XX-12006	1	ea		
0002	A 150mm (6") Rapid Advance Two (2) stage manual system for the "Probe System for Life" - provides both coarse and fine stage movement - rapid movement in X and Y and ability to lock both Axis independently or jointly when in position - option of moving in both X and Y using the fine micrometer driven stage - All stage controls are placed up front - course and fine stage movement- Z and theta - upgradeable to motorized and programmable Stage Movement: X Axis Coarse- > 150mm X Axis Fine- 25mm Y Axis Coarse- > 150mm Y Axis Fine- 25mm Z Axis- 10mm Theta- 360 degrees (restricted by vacuum hose & electrical connections to chuck for full 360 degree movement). Part # A-PSL-STG-06-1	1	ea		
0003	Thermal Chuck Adapter for mounting Thermal Chuck on Prober- includes cable routing kit Part # A-CKT-RG-2125	1	ea		
0004	Instec 6" (150mm) thermal chuck system operating for -65 to 200 celcius - complete system that includes the thermal chuck, controller and software. - for wafers 50mm to 150mm (6") - Temperature Range -65 to 200 degrees celcius - Ramp rate: 40 degrees C/minute at 100 degrees - Surface flatness: 0.001" at room temperature	1	ea		

NAME OF OFFEROR CONTRACTOR

All Quoters

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004 (cont.)	- Temperature Precision: 0.1 degrees C - Temperature stability: +/- 1 degree C att 100 degrees C - Temperature Uniformity +/- 1 degree C/cm or +/-0.25% of set temperature - Voltage: 115V/220V Part # A-CKT-RG-2142				
0005	Calibration "ear" with holders for 2 HF/Microwave calibration substrates. Requires vacuum control manifold Part # A-CKT-RG-2170	1	ea		
0006	HF Vacuum Manifold Kit with three (3) independent switches for controlling HF/Microwave chuck and two (2) calibration substrate holders Part # A-ACC-21014	1	ea		
0007	PS4L 360 Platen with 40 mm linear lift allows all probes to be lifted at once and returned to contact. Part # A-PLX-XX-3403	1	ea		
0008	Localized environmental chamber (LEC) to provide light, EMI and temperature protection. Part # A-CKS-XX-2027	1	ea		
0009	Top Hat structure for LEC to provide light, electrical and humidity shielding for up to 8 probes (HF or DC) entering the LEC chamber Part # A-CKS-XX-2029	1	ea		
0010	P8 Liquid Nitrogen Cooling Accessory Part # LN2-SYS	1	ea		
0011	Stereo zoom microscope mount, movement and adapter kit - kit includes a universal post stand, a 50mm x 75mm coaxial microscope movement and a stereozoom adapter Part # A-SM-KIT-0001	1	ea		
0012	Optem FUSION Micro-Imaging Lens System with Coaxial Fiber Optic Illumination Part # A-OPT-FM=7521	1	ea		
0013	Optem Infinity Corrected A-Zoom2 10x Series 5x High Resolution Objective Part # A-OPT-CM-7510	1	ea		

CONTINUATION SHEET

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NAME OF OFFEROR CONTRACTOR

All Quoters

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0014	Moticom 580 - multiple output HDMI camera - Attachable HDMI C-Mount camera - Sensor: CMOS - Live resolution: 800x600 pixels USB - Still resolution: 5.0MP onto SD card - Optical calculation: 1/2.5" - Output: USB, HDMI 1080p, RCA - Focusable lens: 12mm - 2 variable diameter eyepiece adapters - Macrotube for specimen observation - Moticom Images Plus 2.0 for PC and MAC - Moticom 4-dot calibration slide Part # A-CTV-XX-15056	1	ea		
0015	22" LCD flat panel monitor, BNC, Y&C, VGA, Digital and Analog Inputs. 1366x768 pixels, 115-230 V, 50-60 Hz USB Input Part # A-CTV-XX-15055	1	ea		
0016	Monitor/Test Instrument Stand- Rigid post with a rotating top. Part # A-ACC-21005	1	ea		
0017	Complete high precision manipulator for submicron and high stability DC & HF applications Part # A-MAN-MA-8100-MHFWE	1	ea		
0018	Complete high precision manipulator for submicron and high stability DC & HF applications Part # A-MAN-MA-8100-MHFNS	1	ea		
0019	Chip Tray for testing individual die Part # A-CKS-CT-2000 Items must be brand name or equal. If available please include a published price list or a cost breakdown and return the RFQ package to Diltricia Montgomery at the following email: diltricia.montgomery@nrl.navy.mil. 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.	1	ea		