

1. REQUEST NO. N00173-14-Q-0465	2. DATE ISSUED 10/01/2014	3. REQUISITION/PURCHASE REQUEST NO. 55-2064-14	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 Cheryl Benthall	TELEPHONE NUMBER <input checked="" type="checkbox"/> FOB DESTINATION <input type="checkbox"/> OTHER (See Schedule)	9. DESTINATION
	AREA CODE 202	NUMBER 767-0288

8. TO:

a. NAME All Quoters	b. COMPANY	b. STREET ADDRESS 4555 Overlook Ave SW
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c. STREET ADDRESS	c. CITY Washington
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d. CITY	e. STATE DC	f. ZIP CODE 20375	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 a. NAME OF QUOTER	14. SIGNATURE OF PERSON AUTHORIZED TO SIGN QUOTATION	15. DATE OF QUOTATION
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b. STREET ADDRESS	16. SIGNER	
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c. COUNTY	a. NAME (Type or print)	b. TELEPHONE
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d. CITY	e. STATE	f. ZIP CODE	c. TITLE (Type or print)	NUMBER
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NAME OF OFFEROR CONTRACTOR

All Quoters

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	L to Ka Frequency Block Up Converter: - Input freq: 1575 MHz - 2050 MHz - Output freq: 25475 MHz -25950 MHz - LO: 27525 MHz (high side) - Phase noise: -80 dBc/Hz max, 10 kHz offset. - Freq stability: +/-5 x 10E-8 - Spurious: -60 dBc max - Harmonics: -60 dBc max - Output power: +3 dBm at P1dB - Small signal gain: 1 dB min - Gain flatness: +/- 0.75 dB - Bandpass filter: included - Input connector: N Type F, 50 ohms - Output connector: Waveguide, 50 ohms - Input output VSWR: 2.0:1 max - Input power: -20 dBm to 0 dBm - Noise Figure: 6.5 dB max - Reference frequency: Auto switching between external 10 MHz and internal reference. - Housing: Case and connectors are weather proof for outdoor mounting - Operating Temp: -20C to +70C - Power supply: +15 VDC @ 1A - QA data: Test data for the above specifications shall be included. Manufacturer: MICROWAVE DYNAM Model No: 1006-BUC2526	1	ea		
0002	Ka to L band frequency Block Down Converter: - Input Freq: 35950 MHz - 36350 MHz - Output freq: 1200 MHz - 1600 MHz - LO: 37550 MHz (high side) - Phase noise: -80 dBc/Hz @ 10 kHz offset - Freq stability: +/- 5 x10E-8 - Spurious: -60 dBc max - Harmonics: -60 dBc max - Power out: -10 dBm min (@ P1dB) - Power in: -46 dBm to -18 dBm - Small signal gain: 0 dB min - Gain flatness: +/- 0.75 dB max - Reference: Auto sensing between external 10 MHz and internal reference - Input connector: Waveguide, 50 Ohms - Output connector: N Type Female, 50 ohms - Input/output VSWR: 2.0:1 max	1	ea		

CONTINUATION SHEET

N00173-14-Q-0465

2 a 12

NAME OF OFFEROR CONTRACTOR

All Quoters

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002 (cont.)	<ul style="list-style-type: none"> - Noise Figure 6.5 dB max - Housing: Case and connectors are weather proof for outdoor mounting - Operating Temp: -20C to +70C - QA data: QA test data for the above specifications shall be included. - Power supply:+15 VDC @ 1A - Low pass filter: included <p>Manufacturer: MICROWAVE DYNAM Model No: 1007-BDC3537</p> <p>ITEMS MUST BE BRAND NAME OR EQUAL.</p> <p>If available please include a published price list or a cost breakdown and return the RFQ package by email to the Contracting Officer: Cheryl Benthall at: cheryl.benthall@nrl.navy.mil</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>				