

## **NOTICE OF INTENT**

The Contracting Department, Naval Medical Center San Diego (NMCS), San Diego, CA, 92134 intends to negotiate a sole source procurement for 8-Camera Raptor-E Digital Real Time Camera System. The Government intends to solicit with only one source under the authority of FAR 13.106-1(b), sole source justification is based on Motion Analysis INC is ONLY company that sells these proprietary software and hardware for the MTF existing Motion Analysis hardware, equipment, and software MTF currently uses.

This announcement is not a request for competitive quotations. No solicitation document is available and telephone inquiries will not be honored; however, interested parties may submit literature detailing how their services meet the Government requirements to the Contracting Officer. A determination not to compete this proposed contract based on responses to this notice will be solely at the discretion of the Government.

A complete RFQ package (N00259-11-T-0476) will be available before or after 18 August 2011 by downloading the documents at the NECO Website as follows: <http://www.neco.navy.mil>. The North American Industry Classification System (NAICS) code for this acquisition is 423410. Potential contractors are hereby notified that the solicitation and subsequent amendments to the solicitation will ONLY be available for download at the above site; this office will no longer issue hard copy solicitations. By submitting an offer, the vendor is self-certifying that neither the requestor nor the principal corporate officials and owners are currently suspended, debarred, or otherwise ineligible to receive contracts from any federal agency. Failure to do so may represent grounds for refusing to accept the offer. By submission of an offer, the contractor acknowledges the requirement that a prospective awardee must be registered in the CCR database prior to award, during performance, and through final payment of any contract resulting from this solicitation, except for awards to foreign vendors for work to be performed outside the United States. Lack of registration in the CCR database will make a contractor ineligible for award. Contractors may obtain information on registration and annual confirmation requirements by calling 1-888-227-2423, or via the Internet at <http://www.ccr.gov>.

**CLIN 0001 Brand Name or Equal to Model :** R|TRE-RT-8, 8 Raptor E-Digital Real Time Indoor/Outdoor Camera system that includes: Raptor E-Digital Real Time Indoor/Outdoor Camera System, Raptor-E digital camera up to 500 fps at 1.3 mp Pentax 18-55mm f/3.5—5.6 zoom Lens, Tripod w 3-axis tripod heads and wall mounts High Power near IR ringlights-software adjustable intensity Indoor/outdoor Calibration "L" frame and two wand set (200 & 500mm), Camera Carrying case-custom foam cut, holds 4 camera per case, Power hub-Single source to power every camera, Gigabit Ethernet Switch, cables-50, 75, or 100 foot lengths. (1) Cortex set up and data collection license, dongle software, and manual. (1). Post process and display license and dongle, Wireless Trigger Switch to control sampling start/end, Movement Analysis Marker kit(150 markers, retroreflective tape, measuring tape, caliper, adhesive disks, storage case). (1). A/D-cortex-A/D Software, license and sync cable. (1) Cortex-SDK-(streams data to active X, Labview MATLAB). 1 EACH Quantity \$ \_\_\_\_\_

**Salient Characteristics:** Camera has the ability to collect 3D labeled data in real-time outdoors in full sunlight. Camera is a digital Real time Indoor/Outdoor Camera system. Camera Zoom lenses can operate as standard equipment to permit enhanced camera positioning. It interfaces with the wand calibration files to create lenses distortion and linearization mapping to eliminate lens distortions. Camera has the ability to mount on four sides to maximize and optimize the cameras sensor and cameras field of view. Includes choice of LED lights with RED, Near IR and IR Lights, surface mounted LED lighting mounts asymmetrically fixed to the camera's front which provide enhanced camera lighting across the field of view. Gigabit CAT 5 ethernet cabling for data transmission and low voltage power to the camera to avoid unnecessary cabling for power or data. Camera is capable of using an independent hub and spoke network configuration which ensure system robustness. Camera have IP addresses to receive new camera updates and system enhancements. Remotely, the camera has the ability to transmit data to a technician providing performance characteristics of collection to insure accuracy and precision of the camera. Camera are updatable via FPGA. This allows the cameras to be upgraded over time without sending them back to the manufacturer. This camera has the ability to capture in grey-scale and compute marker centroids in real-time by weighting the pixels base on their relative intensities. This feature increases system accuracy and spatial magnitude. The camera has the ability to focus camera lenses from display boards. Sensor type: CMOS, Sensor resolution: 1280 x 1024, Number of pixels: 1,310,720, Sensor maximum frame rate at full resolution: 500fps, Sensor maximum frame rate at partial scan: >10,000 fps, Camera maximum frame rate at full resolution: 480 fps, Camera maximum frame rate at partial scan: 2,000 fps, Camera frame rates: 1-2000 hz, Infinitely variable frame rate: Yes, Windowed resolution: 1280 x 970@500 fps;1280 x485@1,000fps;1280 x 242@2,000fps. Shutter type: TrueSNAP freeze-frame electronic shutter. Zoom lens available: YES. Zoom lens mount type K(bayonet), Zoom lens(35 mm SLR) 18-55mm, C-mount lens available: Yes, C-mount lens offering: 12.5mm, 25mm, 50mm, CS-mount lens available: No, CS-mount lens offering: Not applicable, Camera body dimensions 189mm(H), 147mm(W), 95mm(D), camera weight, including ringlight 4.8 lbs(2.18 Kg), Camera housing: Custom die-cast aluminum, Number of camera mount points: 4, Multiple camera types on one system: Yes, Maximum number of cameras: Unlimited, Camera software and firmware upgradeable: Yes, Upgrade methods: FTP, email, or CD, Camera cabling: Custom(thin, Ethernet, power), Camera connectors: Proprietary PoE, Camera power supply: via custom Hub, Grayscale depth: 10 bit, On-camera masking: YES, In-camera dynamic large blob eliminator: YES, Software masking: YES, Auto-masking: YES, Insight focusing: YES, Camera output modes: Grayscale centroid; grayscale edge(user selectable) for every marker at all frames rates. Full frame

preview output: YES, Back focus mode: YES, Ringlight strobe type: Infrared(850nm), Near Infrared(750nm), Visible Red(630nm), Ringlight cover types: Clear, diffused, Strobe electronics: Integrated, software reprogrammable, Number of LED's per ringlight 237, Adjustable illumination: YES, Plug and play compatibility: YES, System connectivity: Gigabit Ethernet, Maximum number of cameras in system: Unlimited, Custom control interface, Communication status indicators, Integrated camera display panel 200 bi-color LED array, Camera number indicator, Master camera indicator, IP addressable, IP reconfigurable, Genlock to external video source, Synchronize to external signal, additional sync box needed: NO, External A/D sync + clock, External VGA, Camera diagnostic interface.

**CLIN 0002** Brand Name or Equal to Model: AD/USB-80 Channel Analog Data Acquisition System USB set, 16-bit. 1 EACH Quantity  
\$ \_\_\_\_\_

**Salient Characteristics:** 80-analog-channel USB data-acquisition modules. The USB-6225 samples at 250 ksamples/s, and the USB-6255 samples at 1.25 Msamples/s. The USB-6255's stated sample rate is for a single channel, with the aggregate sampling rate of 750 ksamples/s; the USB-6225 maintains its maximum sample rate when running multiple channels.

**CLIN 0003** Brand Name or Equal to Model: Apple iPad Tablet computer with WIFI for camera setup and navigation. QTY 1 EA  
\$ \_\_\_\_\_

**Salient Characteristics:** Built-in Apps, iOS 4, On/off, Sleep/wake, Back camera, Silent/Screen rotation lock, Volume, up/down, home, Size and Weight Height: 9.50 inches(241.2mm), Width: 7.31 inches(185.7mm), Depth: 0.34 inch(8.8 mm) Weight: 1.33 pounds (601 g), Storage 16GB, 32GB, 64GB, Wireless WIFI(802.11a/b/g/n).

**CLIN 0004** Brand Name or Equal to Model: Quad-Core Intel processor Laptop, Windows 7, 8GB of RAM, Dual Solid-State hard drives. QTY 1 EA \$ \_\_\_\_\_

**Salient Characteristics:** Quad Core 2.3Ghz with 8MB cache, 8GB DDR3 SDRAM, 8X DVD-RW, 500 GB 7200 RPM Hard drive, 256 GB Solid State hard drive, NVIDIA Quadro FX Graphics Card, 4 USB ports, IEEE-1394 port, Smartcard reader, 54mm ExpressCard slot, 10-in-1 media card reader, HDMI Port, Windows 7 32 bit O/S Professional.

Delivery [Period of performance] is TBD. Responsibility and Inspection:

Unless otherwise specified in the order, the supplier is responsible for the performance of all inspection requirements and quality control. The following FAR provision and clauses are applicable to this procurement: 52.212-1, Instructions to Offerors -Commercial Items; 52.212-3 ALT I, Offeror Representations and Certifications - Commercial Items; 52.212-4, Contract Terms and Conditions - Commercial Items [list the clauses that apply]; and 52.212-5, Contract Terms and Conditions Required to Implement Statutes or Executive Orders - Commercial Items [list the clauses that apply]. Quoters [shall include] [are reminded to include] a completed copy of 52.212-3 ALT I with quotes. All clauses shall be incorporated by reference in the order. Additional contract terms and conditions applicable to this procurement are: 252.212-7000, Offeror Representations and Certifications - Commercial Items and 252.212-7001, Contract Terms and Conditions Required to Implement Statutes or Executive Orders Applicable to Defense Acquisitions of Commercial Items including [list the clauses that apply]. [The Year 2000 Warranty - Commercial Items applies.] [List any other clauses or provisions that may be applicable.] This announcement will close at 08/31/2011 on 8:00am. Contact Joseph Bancod who can be reached at 619-532-6165 or email Joseph.Bancod@navy.mil. [A determination by the Government to not compete this proposed effort on a full and open competitive basis, based upon responses to this notice is solely within the discretion of the Government.] [Oral communications are not acceptable in response to this notice.] All responsible sources may submit a quote, which shall be considered by the agency. [See Numbered Note: \_\_\_\_] OR [No Numbered Notes apply]. 52.212-2, Evaluation - Commercial Items is applicable to this procurement. While price will be a significant factor in the evaluation of offers, the final contract award will be based on a combination of factors - a combination of price and <select applicable factors: delivery/a determination of responsibility/ technically acceptable low bids/ past performance / etc.>. Central Contractor Registration (CCR). Quoters must be registered in the CCR database to be considered for award. Registration is free and can be completed on-line at <http://www.ccr.gov/>. All quotes shall include price(s), FOB point, a point of contact, name and phone number, GSA contract number if applicable, business size, and payment terms. Quotes over 10 pages in total will not be accepted by facsimile. Each response must clearly indicate the capability of the quoter to meet all specifications and requirements.

