

**Office of the Federal Public Defender  
Northern District of California**

**All Flash 2U Server (SF)**

**Request for Quotation # 2024\_04**

**NOTICE:**

All timely responses from responsible sources will be considered.

**April 5th, 2024**

**STATEMENT OF WORK**

**PURPOSE:** The Office of the Federal Public is seeking quotations for a new all flash-based server for hosting virtual machines. The Vendor will provide necessary server chassis, Motherboard, backplane, CPU, RAM, GPU, Redundant Power supplies, Cooling, Rails, TPM and flash storage as listed in the specifications below. Additionally, vendor will supply at least 4 years of support along with advanced repair and replacement of failed parts and components for at least 4 years from the purchase date.

**INTRODUCTION:**

The Office of the Federal Public Defender represents indigent defendants charged with federal offenses in the Northern District of California. More information about the mission of the Federal Defender may be found at [www.ndcalfpd.org](http://www.ndcalfpd.org).

The Office of the Federal Public Defender is seeking a licensed and bonded vendor to furnish all labor, equipment and supervision necessary for the work listed at the San Francisco office (listed below (5)).

**ORGANIZATION:**

Office of the Federal Public Defender  
Northern District of California  
450 Golden Gate Avenue, Room 19-6884  
San Francisco, CA 94102

**SCHEDULE/PRICES:**

The Vendor shall provide the services to the Federal Public Defender, and the Administrative Officer, for the Office of the Federal Public Defender in the main office located in the San Francisco Federal Building. Services shall be provided in accordance with the terms and conditions of this solicitation contained herein, at the prices listed below:

Firm Price Quote: \$ \_\_\_\_\_ (do not include sales tax)

- ❖ **ALL BIDS DUE:** **Friday, April 19, 2024**
- ❖ **PROPOSED AWARD DATE:** **Friday, April 26, 2024**

**SCOPE OF WORK**

**Statement of the Work:**

The Office of the Federal Public Defender for the Northern District of California is soliciting the purchase of a server to function as a large hypervisor for the San Francisco office. This server must be able to handle large numbers of virtual machines while fitting in a standard 4U 24” wide and 36” depth server rack. The server specified below should be configured with the latest x86 CPU, chipset, and storage that is available at the time this RFQ is advertised.

## **Specifications of Server System:**

The new all flash 2U server must fit in a standard rack with 4U height, 24inch width, and no greater than a 36inch depth.

The server backplane must support at least 12 U.3 2.5” NVMe hot-swappable front-loading drives. The server also must come equipped with 12 30.72 TB U.2 NVMe drives that are capable of up to 7000 MB/s sequential read and 3200 MB/s sequential write speeds, the endurance of at least 100 Petabytes sequential writes, power loss protection, 2 million hours until mean time to failure, 5-year warranty, and an Uncorrectable Bit Error Rate (UBER) of less than 1 sector per  $10^{17}$  bits read.

The server motherboard must be capable of supporting the following: 16 DDR5 DIMM slots, 8-channel memory architecture, supporting 128GB per DIMM, support Memory speed of 4800MHz, TPM 2.0 chip, PCIe slots must support gen4 with a bandwidth of up to 64GB/s, and a FCLGA4677 CPU compatible socket. The motherboard must come equipped with sixteen 64GB PC5-38400 4800MHz DDR5 ECC RDIMMs. The motherboard must have TPM 2.0 chip supported and installed.

The installed CPUs must meet the following criteria: 16 cores and 32 threads, 7nm, operate at a 3.6 Ghz base clock and a 4 Ghz Boost, 45MB of L3 cache, and have the following instruction sets; Intel® AMX, Intel® SSE4.2, Intel® AVX, Intel® AVX2, Intel® AVX-512. The motherboard must support dual CPUs of this capability. The installed CPUs must have the combined total of 32 cores and 64 threads.

The Server must be equipped with a PCIe gen4 Dual 100-Gigabit Ethernet Network Adapter with a QSFP28 interface. The Network Interface Card must support the following: iWARP/RDMA, RoCEv2/RDMA, iSCSI, NFS, Virtual Machine Device Queues, On-chip QoS, and Traffic Management.

The Server must be equipped with a PCIe gen4 x16 GPU Computing Accelerator with at least 48GB GDDR6 with a memory bandwidth of 696 GB/s. The GPU must have at least 10,752 NVIDIA Ampere architecture based CUDA Cores. The GPU must support CUDA, DirectCompute, OpenCL, OpenACC, DirectX 12.075, Shader Model 5.175, OpenGL 4.686, Vulkan 1.186.

The server must come with 3000W 3+1 Redundant Power Supply. The front chassis must have 2 USB 3.0 ports, power button reset button, and LED indicators for power, LAN, HDD. The rear chassis must have at least 3 USB 3.0 ports, 1 VGA, 2 RJ45, and 1 Management LAN.

The Management LAN must have a WebUI that supports the following: Dashboard, JAVA Based Serial Over LAN, HTML5 KVM, Sensor Monitor (Voltage, RPM, Temperature, CPU Status), Sensor Reading, History Data, FRU Information, Hardware Inventory, Fan Profile, System Firewall, Power Consumption, Power Control, LDAP / AD /RADIUS Support, Backup & Restore Configuration, Remote BIOS/BMC/CPLD Update, Event Log Filter, User Management, Media Redirection Settings, PAM Order Settings, SSL Settings, and SMTP Settings.

## **Summary**

The Vendor will provide a server with all of the minimum specifications specified above. The response to this quotation should include the cost of all the components and assembly along with delivery. The Vendor will provide technical support for 4 years from the purchase date, will provide 4 years of advanced part replacement in the event of any hardware failure or malfunction.

### **DELIVERABLES**

The Vendor will independently provide services listed below. The work requires a professional with electrical and data expertise, in the most cost-effective and time efficient manner from.

- A. Provide all labor, materials and equipment necessary to prepare and complete job.
- B. Remove and dispose of all debris from premises
- C. All vendors personnel must check in/out daily with Security in the front lobby

It is the Federal Public Defenders (FPD CAN) intent that one vendor will:

- D. Furnish all labor, material, equipment, supplies, applicable taxes, insurance, bonding and licenses to complete project;
- E. Vendor will be responsible for moving any furniture from its current location to gain access to equipment/ports/etc. if necessary;
- F. Obtain any necessary parking permits as required for facilities access;
- G. Prepare building elevators with wall protection applicable;
- H. All work shall be performed with good workmanship utilizing the best standards of the industry
- I. Verbal reports due daily regarding work performed to Nicholas Huggins and David Concepcion.

### **CONTRACT TYPE**

The Federal Public Defender is contemplating executing a Firm Fixed Price Contract. Performance under this Contract shall be in accordance with the Terms and Conditions set forth herein and by any modification made thereto.

### **CONTRACT REQUIREMENTS**

The Office of the Federal Public Defender prefers not to sign a commercial agreement; however, if a commercial agreement is necessary, the following terms and conditions must not be included:

- (1) Any clause regarding payment of attorney fees;

- (2) Provisions that automatically renew the commercial agreement from year-to-year;
- (3) Any language that requires payment in advance of services or products;
- (4) Any language that requires a damage deposit;
- (5) Any clause requiring agreement to arbitration;
- (6) Any indemnification or hold harmless clause language must be replaced with the following: Delete any commercial term or provision stating that the judiciary will indemnify the contractor, and replace with the following: “Notwithstanding any other term or provision of this agreement, the judiciary’s liability related to any claim for personal injury, death, property loss, or damage under this agreement, is limited by and subject to the procedures and terms of the Federal Tort Claims Act, the Antideficiency Act, and all other applicable federal laws and regulations.”
- (7) Any clause making state court jurisdiction or state law applicable.
- (8) Any language that requires the payment of interest;
- (9) Any schedule or fixed rate of liquidated damages or fees associated with the cancellation or reduction of the service;
- (10) Any language that indicates that the terms of the agreement are subject to change by the vendor without notice; and
- (11) Any language that requires the payment of taxes.

### **PERIOD OF PERFORMANCE**

Procurement of server shall be complete by May 3rd, 2024 and delivery of server no later than November 1st, 2024.

### **PLACES OF DELIVERY & PERFORMANCE**

Offices of the Federal Public Defender  
450 Golden Gate Avenue, Suite 19-6884  
San Francisco, CA 94102

### **SUBMISSION CONTENTS**

#### **A. Contents of Statement of Qualifications**

Submitted statements of qualifications should follow the format outlined below and include all requested information. Please number your responses exactly as the items are presented here, and limit to 10 one-sided pages.

#### **1. Experience, Structure, Personnel**

##### **a. Firm Contact Information – Provide the following information about the firm:**

- Address and telephone number of office nearest to San Francisco, California and the address and phone number of the office that each of the proposed staff members are based out of if different.
- Name of firm’s representative designated as the contact and email address
- Name of project manager, if different from the individual designated as the contact with phone and email address

b. Firm History – Provide a history of your firm’s experience in providing data services similar to those sought through this RFQ, including any services provided to governmental organizations. Provide references for any similar projects listed, including contact name, title, and telephone number. Describe the technical capabilities of the firm in all areas relevant to the services sought through this RFQ.

c. Assigned Personnel – List all key personnel who would be assigned to FPD projects by name and role. Provide the proposed number of trucks, personnel, and composition of crews per day.

d. SubVendors – List any subVendors that will be used and the work to be performed by them.

e. Conflict of Interest – Address possible conflicts of interest or appearance of impropriety regarding other clients of the firm that could be created by providing services to the FPD. Describe procedures to be followed to detect and resolve any conflict of interest or appearance of impropriety. The FPD reserves the right to consider the nature and extent of such work in evaluating the submission.

f. Additional Information – Provide any other information that the firm wishes the FPD to consider in evaluating the submission.

2. Fee Information (Does not count against 4-page limit)

a. Provide price/cost for completion of this project.

b. Any other fees or charges. Reference and include any reduced fees offered to other municipalities, governmental entities, economic development or nonprofit organizations, and civic organizations.

**SECURITY CLEARANCE/POLICE CHECK/DRIVING RECORD CHECK.**

Work under this task order is  UNCLASSIFIED  SECRET  TOP SECRET The Vendor shall not disclose and must safeguard all client information, procurement data, computer systems and data, Privacy Act data, and personnel work products that are obtained or generated in the performance of this delivery order.

**TASK TYPE.**

Firm-Fixed Price (FPP)

An FPP contract provides for a price that is not subject to any adjustment on the basis of the Vendor’s cost experience in performance of the contract. This contract type places maximum risk and full responsibility upon the Vendor for all costs and resulting profits and losses.

**NON-PERSONAL SERVICE STATEMENT.**

Vendor employees performing services under this order will be controlled, directed and supervised at all times by management personnel of the Vendor. Actions of Vendor employees

may not be interpreted or implemented in any manner that results in any Vendor employee creating or modifying Federal policy, obligating the appropriated funds of the U.S. Government, overseeing the work of Federal employees, or providing direct personal services to any Federal employee. The Federal Defender will control access to the facility and will perform the inspection and acceptance of the completed work.

**CONTRACTING OFFICER:**

The Contracting Officer will provide general instructions on limitations and deadlines, and is responsible for administration of the task order in compliance with the contract.

**POINTS OF CONTACT:**

**Project / Contracting Officer:** Rachel Schumont, Property & Procurement Administrator: 628-225-5325

**Project Officer:** David Concepcion, Administrative Officer: (415) 436-7700

**Technical:** Nicholas Huggins, SCSA: (628) 225-5327

**EVALUATION CRITERIA:**

An award shall be made to the responsible Vendor whose provides the lowest price that is technically acceptable, and that conforms to this solicitation.

**LAWS APPLICABLE:**

The Vendor will perform its duties in accordance with the applicable Act, and the regulations, procedures and standards promulgated thereunder. The Vendor will comply with all applicable Federal and State and Local laws, rules, and regulations which deal with or relate to the employment of persons who perform work or are trained under contract.

This contract in no way relieves the Vendor of responsibility for compliance with the provisions of the Fair Labor Standards Act, as amended.

FPD CAN complies with the Americans with Disabilities Act (ADA) and similar State and local statutes. Requests for accommodation of disabilities by Proposers should be directed to the CO's Mailbox.

Contract Vendor certifies that it is aware of the provisions of the California Labor Code including, without limitation, section 1720, et seq., section 1770, et seq., and section 1771.1 that require the payment of prevailing wage rates to certain classes of trade labor, the registration of Vendors, subVendors and Subconsultants, and other requirements. The Contract Vendor agrees to fully comply with and to require its Subconsultants to fully comply with all applicable prevailing wage requirements of the California Labor Code.

FPD ND CAL  
RFQ: All Flash 2U Server  
RFQ FY # 2024\_05

**DEADLINE FOR RESPONSE:**

All responses must be provided to the Contracting Officer as outlined above via email to [rachel\\_schumont@fd.org](mailto:rachel_schumont@fd.org) and CC; [david\\_concepcion@fd.org](mailto:david_concepcion@fd.org).

**All responses must be received by 5:00 p.m. on Friday, April 19th, 2024.**