



*Islamorada, Village of Islands, Florida*

**REQUEST FOR PROPOSALS  
TO PROVIDE AND INSTALL  
CERTAIN COMPUTER NETWORK EQUIPMENT AND SERVICES  
(RFP-17-02)**

*Issue Date: February 28, 2017*

Islamorada, Village of Islands, will receive formal Proposals to provide and install computer network equipment and services per specifications and scope of services detailed in Paragraph II of this RFP until **3:00 p.m. on March 24, 2017**.

Interested firms must submit sealed Proposal packages by certified mail or in person to:

Islamorada, Village of Islands  
Attn: Village Clerk  
86800 Overseas Highway  
Islamorada, Florida 33036

It is the sole responsibility of the firm to ensure that their submittal is received in a timely manner. Any Proposal package submitted past the deadline and/or submitted to other locations or offices shall be deemed non-responsive and will be rejected.

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**I. PURPOSE**

The purpose of this Request for Proposals (RFP) is to solicit sealed proposals to provide and install the following computer network equipment and services: fully managed gigabit Layer 2 and Layer 3 network switches, copper (CAT-5e or CAT-6) and fiber optic transceivers and patch cables, network switch stacking cables and transceivers.

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## II. SCOPE OF SERVICES

Provide and install the following computer network equipment and services: fully managed gigabit Layer 2 and Layer 3 network switches, copper (CAT-5e or CAT-6) and fiber optic transceivers and patch cables, network switch stacking cables and transceivers. (See Item 1 for a list of equipment to be provided.) Equipment and cabling shall be installed and shall pass basic testing to verify proper operation of all features. Equipment will be installed at multiple locations throughout Islamorada (see Item 2). All equipment shall be new and be eligible for all manufacturer's warranties (see Item 3).

### Item 1: Equipment specifications

Unless otherwise specified, all network switches will have the following features in common:

All switches shall be current products offered by any one of the following companies: Cisco, HP, Juniper, or Dell. All switches proposed shall be manufactured by the same company.  
Power:100-127VAC,50/60Hz

All fixed Ethernet ports shall be capable of operating at 10/100/1000 Mbps (i.e., "Gigabit switches")

All switches will be fully manageable via CLI, telnet, and a web interface

All switches will support SNMP v.1 and V.2 (V.3 is a plus)

All switches will support Link aggregation (IEEE 802.3ad LACP)

All switches will support VLANs (IEEE 802.1Q)

All switches will support QOS (IEEE 802.1P) at a port and/or VLAN basis  
24 port and 48 port switches will include all fittings for mounting in std. 19" equipment rack  
8, 10, and 12 port switches should include all necessary fittings to be either rack or wall mounted

1.a – (Qty. 3) 48 port fully managed, Layer 3 network switch, having at least two (2) SFP+ slots capable of supporting 10 GB connections. Switch shall be capable of sustaining more than 100 Mpps throughput and have a switching capacity of at least 170 Gbps.

1.a.i. – Two (2) of these switches will be stacked using 10 GB SFPs. The switches should appear as a single 96 port switch having 1 IP address for the management interface. The proposal shall include the necessary 10 GB transceivers and appropriate patch cable (at least 0.5m)

1.b – (Qty. 3) 48 port, Layer 2 network switch, having at least two (2) SFP+ slots capable of supporting 10 GB connections. Switch shall be capable of sustaining more than 70 Mpps throughput and have a switching capacity of at least 100 Gbps.

1.b.i – Two (2) of these switches will be stacked using 10 GB SFPs. The switches should appear as a single 96 port switch having 1 IP address for the management interface. The proposal shall include the necessary 10 GB transceivers and appropriate patch cable (at least 0.5m)

1.c – (Qty. 1) 24 port, Layer 3 network switch, having at least two (2) SFP+ slots capable of supporting 10 GB connections. The switch shall be capable of sustaining more than 90 Mpps throughput, and have a switching capacity of at least 120 Gbps.

1.d – (Qty. 1) 24 port, Layer 2 network switch, having at least two (2) SFP+ slots capable of supporting 10 GB connections. Switch shall be capable of sustaining more than 40 Mpps throughput and have a switching capacity of at least 50 Gbps.

1.e – (Qty. 2) 8, 10, or 12 port, Layer 3 network switch, having at least two (2) SFP+ slots capable of supporting 10 GB connections. Switch shall be capable of sustaining more than 40 Mpps throughput, and have a switching capacity of at least 50 Gbps.

1.f – (Qty. 20) 8, 10, or 12 port, Layer 2 network switch, having at least two (2) SFP slots capable of supporting 1 GB connections. Switch shall be capable of sustaining more than 12 Mpps throughput, and have a switching capacity of at least 18 Gbps.

## **Item 2: Locations for Equipment Installations**

**Village Administration Center  
86800 Overseas Hwy  
Islamorada, Florida 33036**

### **3<sup>rd</sup> Floor Telecom Room**

2.a - (Qty. 2) 48 port, layer 3 network switches, configured as a stack.

2.a.1 - (Qty. 1) Stacking kit: Contents will vary depending on switch selected. Will interconnect the two switches at a speed of 10Gbps. SFPs may use either optical or copper media to interconnect. Switches will be within .5 of each other.

2.b - OM3 duplex fiber optic cable, LC-LC, 50/125 multi-mode, 30m for connection between 3<sup>rd</sup> floor telecom room and 1<sup>st</sup> floor telecom room. Conduit already in place, but installer will need to pull this new fiber.

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2.b.1 – 10GB SFP+ installed in the layer 3 switch stack (item 2.a), used to connect to fiber leading to 1<sup>st</sup> floor.

2.c – OME duplex fiber optic cable, LC-LC, 50/125 multi-mode, 20m for connection between 3<sup>rd</sup> floor telecom room and 2<sup>nd</sup> floor telecom room. Conduit already in place, but installer will need to pull this new fiber.

2.c.1 – 10 GB SFP+ installed in the layer 3 switch stack (item 2.a), used to connect to fiber leading to 2<sup>nd</sup> floor.

## **2<sup>nd</sup> Floor Telecom Room**

2.d – (Qty. 2) 48 port, layer 2 network switches, configured as a stack.

2.d.1 - Stacking kit: Contents may vary depending on switch selected. Will interconnect the two 48-port switches at a speed of 10Gbps. SFPs may use either optical or copper media for interconnect. Switches will be within .5m of each other.

2.d.2 – 10 GB SFP+ installed in the layer 2 switch stack (item 2.d), used to connect to the fiber leading to the 3<sup>rd</sup> floor.

## **1<sup>st</sup> Floor Telecom Room**

2.e – 24 port, layer 2 network switch

2.e.1 – 10 GB SFP+ installed in the 24 port switch (item 2.e), used to connect to the fiber from the 3<sup>rd</sup> floor.

2.f - 8, 10, or 12 port, layer 2 network switch

## **Miscellaneous Locations throughout the Administration Center**

2.g - (Qty. 7) 8, 10, or 12 port, layer 2 network switch (replacements for unmanaged 5 port switches in offices)

**Founders Park  
87000 Overseas Hwy  
Islamorada, Florida 33036**

**Community Center**

2.h – 24 port layer 3 switch in AV equipment closet

2.i – 8, 10, or 12 port layer 2 switch in AV booth

2.j – 8, 10, or 12 port layer 3 switch in Parks & Rec

2.k – (Qty. 3) 8, 10, or 12 port layer 2 switch in Parks & Rec

**Public Works**

2.l – (Qty. 3) 8, 10, or 12 port layer 2 switches

**Marina**

2.m – (Qty. 2) 8, 10, or 12 port layer 2 switches

**Islamorada Fire Rescue Station 20  
81850 Overseas Hwy  
Islamorada, Florida 33036**

2.n – 48 port layer 3 switch in upstairs network closet

2.o – 8, 10, or 12 port layer 2 switch in upstairs officer's station

2.p – (Qty. 2) 8, 10, or 12 port layer 2 switch in Command Center

2.q – 8, 10, or 12 port layer 2 switch in downstairs officer's station

**Islamorada Fire Rescue Station 19  
74070 Overseas Hwy  
Islamorada, Florida 33036**

2.r – 8, 10, or 12 port layer 3 switch in squad room

### **Item 3: Equipment condition, Warranties, maintenance contracts, and support**

3.a – All products shall be new, current production, and shall not be the subject of any End-of-Life, End-of-Sale, or End-of-Support notifications.

3.b – All products shall comply with any and all manufacturer requirements regarding warranty and support. For example, many manufacturers will not honor warranties or provide support for products that were not purchased from an authorized reseller. The successful contract awardee will be required to submit proof of purchase from an authorized reseller for all items whose value is greater than \$100.00.

3.c – It is recognized that some manufacturers offer lifetime limited warranties for their products, and some have free software updates as long as the original user owns the product. For the purposes of fairly evaluating different proposals, the Village considers the lifetime of this network equipment to be ten (10) years. Accordingly, each proposal shall include the cost of any maintenance contracts or extended warranties required to provide next business day replacement for ten (10) years, covering any item whose value is greater than \$100.00. Additionally, each proposal shall include the cost of any contracts required to receive firmware updates for ten (10) years, covering any item whose value is greater than \$100.00.

3.d – Initial installation and testing will be performed by the successful contract awardee. The equipment in this proposal will be replacing similar existing equipment. As such, equipment racks, electrical outlets, and most of the network cables are already in place and completely functional. The awardee will be responsible for swapping out existing network switches and replacing them with the new equipment. The awardee will be responsible for testing the new equipment to insure it is completely functional. The awardee will be responsible for replacing any equipment that fails to function properly within 30 days of installation.

### **III. ELIGIBILITY CRITERIA**

To be eligible for selection consideration, interested consultants/firms must submit one (1) original printed package, five (5) printed copies, and one (1) electronic copy on CD. The CD copy should be identical to the original printed package, in natively converted PDF format and should be labeled “**Request for Proposals to Provide and Install Certain Computer Network Equipment and Services (RFP-17-02).**”

Proposal packages must contain the following information:

1. **Cover Letter:** Provide a cover letter introducing your firm and proposal.
2. **Company Overview:** Provide an overview of the company detailing the total number and expertise of professional staff, describing staff credentials, and identifying office locations and staff assigned to those offices throughout the Florida Keys or the nearest locations to the

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Florida Keys. Please note that the Village prefers to contract directly with prime entities and the use of sub-consultants in your submission may affect proposal scoring.

3. **Project Management Experience / Project Examples:** Provide at least three examples of successfully implemented projects that demonstrate experience with the equipment and services described in the scope of work, preferably in a local government setting. Include the client name, project name, project location and summary of services performed.
4. **Project Timeline and Fee Schedule:** Provide a unit cost and total fees for the service areas identified in the Scope of Services section of this RFP. Provide a timeline for completion of the project.
5. **State Authorization to Transact Business:** Provide proof of authorization to transact business in the State from the Florida Secretary of State.
6. **Statement of Preference for Local Business:** Any business seeking certification as a local business shall provide an executed affidavit, in the Firm's own form, certifying that it meets the criteria established in Village Code Section 2-327(e) for a determination as a local business. A complete copy of the Village's Code of Ordinances can be accessed online by clicking on the 'Municode.com' Quick Link on the Village's website at <http://www.islamorada.fl.us/>.

**The Village reserves the right to accept or reject any or all Proposals; to waive irregularities, technical errors and formalities; and to select a qualified firm(s) to provide the Services as it deems will best serve the interest of the Village.**

All inquiries and requests for clarification or interpretation regarding this Request for Proposals shall be made in writing to the attention of the Procurement and Grants Administrator by mail to 86800 Overseas Highway, Islamorada, Florida 33036; by email to [ana.hernandez@islamorada.fl.us](mailto:ana.hernandez@islamorada.fl.us); or by fax to (305) 664-6464 no later than **March 17, 2017**.

An **optional on-site visit or walk-through** of the Village's facilities and IT infrastructure and software applications may be scheduled no later than five (5) calendar days prior to the Proposal submission deadline. To schedule an on-site visit, please contact the Procurement and Grants Administrator by telephone at (305) 664-6453, or by email to [ana.hernandez@islamorada.fl.us](mailto:ana.hernandez@islamorada.fl.us).

The Village shall issue appropriate addenda as necessary via DemandStar at <https://www.demandstar.com/> and on the Village's website at <http://www.islamorada.fl.us/>. No oral change or interpretation of the provisions contained in this Request for Proposals is valid. Written addenda shall be issued when changes, clarifications or amendments to the Request for Proposals document are deemed necessary. The issuance of a written addendum is the only official method whereby interpretation, clarification or additional information can be given.