



Bid Notice Abstract

Request for Quotation (RFQ)

Reference Number 10102333
Procuring Entity DEPARTMENT OF TOURISM
Title Procurement of ICT Equipment and Peripherals
Area of Delivery Metro Manila

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|--|---|------------------------------|---------------------|
| Solicitation Number: | RFQ NP - SVP 2023-09-576 | Status | Active |
| Trade Agreement: | Implementing Rules and Regulations | Associated Components | 3 |
| Procurement Mode: | Negotiated Procurement - Small Value Procurement (Sec. 53.9) | Bid Supplements | 1 |
| Classification: | Goods | Document Request List | 9 |
| Category: | Information Technology Parts & Accessories & Perip | Date Published | 06/09/2023 |
| Approved Budget for the Contract: | PHP 205,522.00 | Last Updated / Time | 11/09/2023 14:26 PM |
| Delivery Period: | | Closing Date / Time | 14/09/2023 10:00 AM |
| Client Agency: | | | |
| Contact Person: | NAZER NIÑO L ALLANIGUE Administrative Officer I 351 Sen. Gil Puyat Avenue Makati City Metro Manila Philippines 1200 63-02-4595200 Ext.425 nlallanigue@tourism.gov.ph | | |

Description

Terms of Reference
ICT Equipment and Peripherals
Background

The Department of Tourism (DOT) is the national government agency responsible for tourism development planning, implementing standards and regulations, evaluating and facilitating the formulation of policies that will enable sustainable tourism development and the provision of a healthy business environment.

In order to do this, DOT employees must have functioning and updated ICT equipment such as but not limited to desktops, laptops, servers, productivity software and uninterrupted power supplies (UPS) to be able to work efficiently and provide access analyze and process data to produce relevant statistics, thereby providing the necessary service needed from the DOT.

Justification

The current ICT equipment situation at the DOT central office through the inventory conducted by the IT Division showed that most of the desktops, laptops, UPS, and other ICT peripherals are beyond its maximum life span with some equipment as old as 1993. This has render the old equipment as non-functional, beyond repair, obsolete, and could not meet the demand of the workload and the current technology. Among others, breakdown of equipment that can result in data loss that can hamper the DOT operating units' operations. There is an issue concerning security and insufficient productivity software such as but not limited to Microsoft Office and security update which needs

immediate action.

The lack of ICT equipment at the DOT central and regional offices result to sharing of ICT equipment such as but not limited to desktop, laptop, printer and tablets with a ratio of 3:1 resulting to inefficiency the operation of the agency. Further, the newly created offices are lacking desktop and laptop for their daily operations.

Objective

- o To provide efficient and reliable delivery of service to the different tourism stakeholders and the general public.
- o To provide officials and staff of the DOT with functional and working ICT equipment, which can aid the different operating units in the performance of its functions.

I. Technical Specification

A. Managed 24-Port Gigabit POE Switch

Description

Standard - IEEE 802.3, 802.3u, 802.3x, 802.3ab, 802.3az, 802.3AF/AT

Number of Ports- 24 Gigabit

MAC Address Table Size- 8,000 entries

Power Over Ethernet:

Standards – 802.3af/at

Capable Ports – Ports 1 – 12

Power Budget – 100 W

Switching Capacity – 48Gbps

Max. Forwarding Rate – 35.71 Mpps

Quality of Service- 802.1p and DSCP

Status LEDs- Link, speed, and activity indicators

Power Supply- Internal

Power- 110-240V AC, 50/60Hz

Max. Power Consumption – 128.3 W (PoE on), 21.2 W (PoE off)

Standby Power Consumption – 13.0 W

Ventilation – One Fan

Temperature (Operating)- -5 to 50°C (23 to 122°F)

Temperature (Storing)- -40 to 70°C (-40 to 158°F)

Humidity (Operating)- 10 to 90% (non-condensing)

Mounting- Rack mount

Warranty – 1 year

B. Mesh (3 Pcs. Per Pack)

Description

Simultaneous Tri-band : WiFi 6 AX3600 (1800 + 1200 + 600Mbps)

Explicit Beamforming : 2.4GHz & 5GHz bands

MU-MIMO capable: For simultaneous data streaming

Processor: Router & Satellites- Powerful quad-core 1.5GHz processor each

Ports: Three (3) 10/100/1000Mbps Gigabit Ethernet LAN ports

One (1) 10/100/1000Mbps Gigabit Ethernet WAN ports

Uplink & downlink OFDMA1

Ethernet backhaul

Dynamic QoS

Security:

Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)

WPA3

Secure Boot

Push Button WPS/SYNC support

Warranty and Support - 1 year

C. Network Test Kit

Description

General Specs

Operating temperature: 32 °F to 104 °F (0 °C to 40 °C)

Storage temperature: -4 °F to +140°F (-20 °C to °C)

Operating relative humidity (% RH without condensation)

95 % (50 °F to 95 °F; 10 °C to 35 °C)

75 % (95 °F to 104 °F; 35 °C to 40 °C) Uncontrolled < 50 °F (< 10 °C)

Vibration: Random, 2 g, 5 Hz-500 Hz

Shock: 1 m drop test

Safety: EN 61010-1, Category: None

Altitude: 3000 m

EMC: EN 61326-1, FCC Part 15 B

Battery type and life: 9 V alkaline (NEDA 1604A or IEC 6LR61); 20 hours typical

Applications

Copper cabling media including; 75 or 50 Ohm Coaxial cable; Two Conductor control, security, generic cabling. 10 Base-T or 10/100 Base-T datacom networks. UTP cable. Shielded Twisted Pair supported in Cablemap function of the IntelliTone 200.

TONER SPECS

Dimensions: 5.54 in x 2.94 in x 1.25 in (14.1 cm x 7.5 cm x 3.2 cm)

Display: LED

Control: Thumbwheel switch

Toner interface:

Main Mod8 port for tone generation on all 4 pairs of UTP / STP cabling. F Connector for coaxial cabling Banana Jack Plugs (2) - two conductor wiring

Toner frequency:

IntelliTone™ signal: encoded digital signal

Analog SmartTone signal: 500 - 1200Hz, 4 songs

Output power: 5 V p-p

Auto power down: Turns off automatically after 2 1/2 hours of inactivity

PROBE SPECS

Dimensions: 8.73 in x 1.88 in x 1.26 in (22.2 cm x 4.8 cm x 3.2 cm)

Display: (8) LED indicators, Sync LED indicator

Audio: IntelliTone: Microprocessor controlled audio files

Analog: Detected toner signal

Control: Thumbwheel switch, volume control wheel

Tone detection:

Detects IntelliTone™ digital signal for Locate, Isolate, and CableMap

Detects analog SmartTone signal (500-1200Hz) and other analog toners.

Toner interface:

Main Mod8 port for cablemap on all 4 pairs of UTP / STP cabling.

Auto power down:

Turns off automatically after 1 hour of inactivity

D. All-in-One Colored Printer**Description**

Ink

Number of Nozzles Total 1,792 nozzles

Ink Bottles (Type / Colours) GI-71

(Pigment / Black),(Dye-Based Ink /

Cyan, Magenta, Yellow)

Maintenance Cartridge MC-G02

Maximum Printing Resolution 4,800 (horizontal)*1 x 1,200 (vertical)
dpi

Document (ESAT/Simplex) 9.1 / 5 ipm (mono/colour)

Document (FPOT Ready/Simplex) 9 / 16 sec (mono/colour)

Photo (4 x 6") (PP-201/Borderless) 45 sec

Printable Width Up to 203.2 mm (8")

Borderless: Up to 216 mm (8.5")

Printable Area

Borderless Printing*3 Top/Bottom/Left/Right margin:
each 0 mm

Bordered Printing Envelope (COM10/DL):

Top margin: 8 mm,

Bottom margin: 12.7 mm,

Left/Right margin: 3.4 mm

Envelopes (C5/Monarch):

Top margin: 8 mm, Bottom

margin: 12.7 mm,

Left/Right margin: 5.6 mm

Square 5 x 5" (127 x 127 mm):

Top/Bottom/Left/Right

margin: 6 mm

Square 3.5 x 3.5" (89 x 89 mm):

Top/Bot/Left/Right margin: 5mm
LTR/LGL/Foolscap/B-Oficio:
Top margin: 3 mm,
Bottom margin: 5mm,
Left margin: 6.4 mm,
Right margin 6.3 mm

M-Oficio:
Top margin: 3 mm,
Bottom margin: 5 mm,
Left/Right margin: 6.4 mm

Others:
Top margin: 3 mm,
Bottom margin: 5 mm,
Left/Right margin: 3.4 mm

Support Media
Rear Tray Plain Paper (64-105 g/m²)
Photo Paper Pro Luster (LU-101)
Photo Paper Plus Glossy II
(PP-201/PP-208)
Matte Photo Paper (MP-101)
Double Sided Matte Paper
(MP-101D)
Glossy Photo Paper
"Everyday Use" (GP-508)
High Resolution Paper (HR-101N)
Photo Paper Plus Semi-Gloss
(SG-201)
Photo Stickers (PS-208/PS-808)
Envelope

Paper Size
Rear Tray A4, A5, A6, B5, LTR, LGL,
Executive (184.2 x 266.7 mm),
Legal (India) (215 x 345 mm),
Foolscap (215.9 x 330.2 mm),
F4 (215.9 x 330.2 mm),
Oficio2 (215.9 x 330.2 mm),
B-Oficio (216 x 355 mm),
M-Oficio (216 x 341 mm),
4 x 6", 5 x 7", 7 x 10", 8 x 10",
Envelopes DL,
Envelopes COM10, Envelopes C5,
Envelopes Monarch
(98.4 x 190.5 mm),
Square (3.5 x 3.5", 5 x 5"),
Card Size (91 x 55 mm)

Custom size:
width 55 - 216 mm,
length 89 - 1200 mm

Paper Size (Borderless) A4, LTR, 4x6", 5x7", 7x10", 8x10"
Square (3.5 x 3.5", 5 x 5"),
Card Size (91 x 55 mm)

Scan
Scanner Type Flatbed

Scanner Method CIS (Contact Image Sensor)

Optical Resolution*6 600 x 1,200 dpi

Scanning Bit Depth (Input/Output)
Grayscale 16 bit/8 bit

Colour RGB each 16 bit/8 bit

Line Scanning Speed
Grayscale 1.5 ms/line (300 dpi)

Colour 3.5 ms/line (300 dpi)

Maximum Document Size
Flatbed A4/LTR

Network
Protocol SNMP, HTTP, TCP/IP (IPv4/IPv6)

Wireless LAN
Network Type IEEE802.11b/g/n

2.4GHz Channel (1 - 11) US/HK/TW/LTN/BR/CAN

2.4GHz Channel (1 - 13) JP/KR/EUR/AU/ASA/CN/EMBU

Security WEP 64/128 bit
WPA-PSK (TKIP/AES)
WPA2-PSK (TKIP/AES)

Direct Connection (Wireless LAN) Available
Available

System Requirements

Windows 10 / 8.1 / 7 SP1
(operation can only be guaranteed on a PC with a pre-installed Windows 7 or later)
macOS 10.12.6 ~ 10.15
Chrome OS

General Specifications

Operational panel

Display 2-Line LCD

Language 32 Selectable Languages:
Japanese / English / German /
French / Italian / Spanish /
Dutch / Portuguese / Norwegian /
Swedish / Danish / Finnish /
Russian / Czech / Hungarian /
Polish / Slovene / Turkish /
Greek / Simplified Chinese /
Traditional Chinese / Korean /
Indonesian / Slovakian /
Estonian / Latvian / Lithuanian /
Ukrainian / Romanian /
Bulgarian / Thai / Croatian /
Vietnamese

Interface USB 2.0

PictBridge (Wireless) Available

Operating Environment
Temperature 5 - 35°C

Humidity 10 - 90% RH (no dew
condensation)

Power AC 100-240 V, 50/60 Hz

Power Consumption (Approx.)
OFF 0.2 W

Standby (scanning lamp is off)
USB connection to PC 0.6 W

Copying*13
USB connection to PC 16 W

Duty Cycle Up to 3,000 pages/month

Dimensions (WxDxH) (Approx.)
Factory Configuration 445 x 330 x 167 mm

Output/ADF Trays Extended 445 x 555 x 238 mm

Weight (Approx.) 6.4 kg

E. UTP Cable Cat5e

Description

CONDUCTOR :

Number of Pairs: 4

Total Number of Conductors: 8

AWG: 24

Stranding: Solid

Conductor Material: BC - Bare Copper

INSULATION :

Insulation Material: PO - Polyolefin

Number Color

1 White/Blue Stripe & Blue

2 White/Orange Stripe & Orange

3 White/Green Stripe & Green

4 White/Brown Stripe & Brown

OUTER SHIELD :

Outer Shield Material: Unshielded

OUTER JACKET :

Outer Jacket Material: PVC - Polyvinyl Chloride

Outer Jacket Ripcord: Yes

OVERALL NOMINAL DIAMETER :

Overall Nominal Diameter: .195 in.

Operating Temperature Range: -20°C To +75°C

Bulk Cable Weight: 29 lbs/1000 ft.

Max. Recommended Pulling Tension: 35 lbs.

Min. Bend Radius (Install): 0.5 in.

APPLICABLE STANDARDS :

NEC/(UL) Specification: CM, UL444

CEC/C(UL) Specification: CM

IEC Specification: 11801 Category 5

TIA/EIA Specification: 568-B.2 Category 5e

Other Specification: NEMA WC-63.1 Category 5e, UL verified to Category 5e

FLAME TEST :

UL Flame Test: UL1685 UL Loading

CSA Flame Test: FT1

PLENUM/NON-PLENUM :

Plenum (Y/N): N

Plenum Number: 1585A

ELECTRICAL CHARACTERISTICS :

Nom. Mutual Capacitance @ 1 KHz: 15 pF/ft

Maximum Capacitance Unbalance (pF/100 m): 330 pF/100 m

Nominal Velocity of Propagation: 70 %

Maximum Delay (ns/100 m): 538 @ 100MHz ns/100 m

Maximum Delay Skew (ns/100m): 45 ns/100 m

Maximum Conductor DC Resistance @ 20 Deg. C: 9.38 \hat{i} @/100 m

Maximum DCR Unbalance @ 20 Deg. C: 3 %

Max. Operating Voltage - UL: 300 V RMS

F. External Hard Disk Drive

- 2TB Capacity

- USB 3.0 or higher

- Form Factor: 2.5 inch

G. Rj45 (1000pcs)

H. Rj45 Rubber Boots (1000pcs)

Summary

Item Qty Total Amount

Managed 24-Port Gigabit POE Switch 2 Php 55,618.00

Mesh (3 pcs. Per pack) 1 Php 33,479.00

Network Test Kit 1 Php 40,987.00

All-in-One Colored Printer 2 Php 26,190.00

UTP Cable Cat5e 3 Php 22,098.00

External Hard Disk Drive 3 Php 12,150.00

Rj45 1000 Php 10,000.00

Rj45 Rubber Boots 1000 Php 5,000.00

Total Amount Php 205,522.00

Project Cost:

Total budget PHP 205,522.00 inclusive of VAT chargeable against ITD 2023 funds.

Mode of Payment: Government Procedure

Delivery: 45 days upon receipt of Purchase Order

Project Officer:

Paul Brian D. Lao OIC- IT Division Department of Tourism 351 Sen. Gil Puyat Ave Makati City
(02) 459 – 5200 Loc 518

Other Information

Eligibility Requirements

1. Mayor's/Business Permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zone Area,

In cases of recently expired Mayor's/Business permits, it shall be accepted together with the official receipt as proof that the bidder has applied for renewal within period prescribed by the local government unit.

2. PhilGEPS Certification/ Registration Number.

3. Original or Certified True Copy of Duly Notarized Omnibus Sworn Statement.

Note: Kind submit your proposals together with your eligibility requirements thru email and send it to nlallanigue@tourism.gov.ph on or before 11 September 2023 at 10:00 am. Late and unsigned quotations shall not be accepted.

Remarks

Deadline: September 14, 2023 10:00 AM

Created by NAZER NIÑO L ALLANIGUE

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