1. The United Nations University (UNU) requests your price quotation for the goods and services specified in this Request for Quotation (RFQ). The Specifications Requirements are stated on page 2 and 3.

2. We would appreciate receiving your quotation including the detailed breakdown and the estimated delivery date of the proposed solution on or before 18 November, 2011 by email to bids@unu.edu by close of business. Fax submissions are not acceptable for this RFQ. Your quotation must be valid for at least 30 days. Your quotation will be reviewed by the UNU in accordance with its financial duties and regulations as well as the considerations contained herein.

3. Financial rules and regulations of the UNU preclude advance payments or payments by letter of credit. Such provisions in a quotation will be prejudicial to its evaluation by the UNU. The normal payment terms of the United Nations is net 30 days (or similar discounted payment terms if offered by your company) upon satisfactory delivery of merchandise and acceptance thereof by United Nations. Please clearly specify in your quotation if our payment term is acceptable.

Hidetaka Makuuchi  
Procurement Liaison  
United Nations University
Specifications and Requirements for Videoconferencing solution

Required product: Video conferencing solution that supports a minimum of 8 concurrent connections

Required maintenance/subscription: 3 years

Required quantity: 1

Installation services: Not required

Functionality evaluation: Vendor is required to provide the test environment using the proposed solution to verify its compliance with the requirements

Required features

Concurrent multi-site connections: Minimum 8-site concurrent connections, of which up to 3 connections can be desktop/smart mobile devices

Dial-in/Dial-out capabilities

Type of endpoints: Standards-based videoconference systems (e.g., LifeSize, Polycom, Radvision, Sony, Tandberg, etc.)

Windows and Mac computers

Smart mobile devices (e.g., iPhone, iPad)

Camera: High Definition PTZ camera

1920 x 1080 resolution

Minimum 4x Optical Zoom

Far End Camera Control (H.224, H.281)

Video Specification/resolution: 2 simultaneous 1080p 30 channels (2 cameras or camera + content/presentation)

1080p @ 30fps @ 2Mbps transmit rate

1080p @ 30fps @ 2Mbps receive rate

Communications/bandwidth: H.323, SIP

Bit rate minimum of 4 Mbps

1 x 10/100/1000 Base-T full-duplex (RJ-45)

Physical interfaces: 2 x video out ports (HDMI or DVI)

Audio Features: Acoustic echo cancellation

Adaptive post filtering

Audio error concealment

Automatic Gain Control (AGC)

Automatic noise suppression

Network and Security Features: Auto NAT discovery HTTP and STUN

H.460.18, H.460.19

Microphones: 2 x echo cancellation microphones with noise suppression

Desktop endpoint requirements

Video: HD video using H.264

HD presentation using H.264

Data Collaboration: H.239 based data collaboration with annotation

Room system-compatible data collaboration (H.263+, H.264 HD)

Multi-party concurrent application sharing
| Layout selection | Video or data focused, or both side-by-side |
|                 | Full screen video or data                  |
|                 | Automatic based on meeting context (desirable) |
|                 | Unique layout per participant              |
| Security Features | Access PIN to join a video session          |
|                  | Automatic embedded firewall traversal       |
|                  | Automatically handles local and remote NAT private networks |
|                  | Firewall friendliness: endpoint devices only require HTTP and HTTPS to join |
| Supported Platform | Operating Systems: Windows XP/Vista/7, Apple Mac OS X |
|                   | Browsers: Internet Explorer, Firefox        |
# QUOTATION FORM

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1. Please specify what the miscellaneous charges are (if any)
2. Please submit the quotation form with your quotation including the detailed breakdown and the estimated delivery date of the proposed solution.
3. Items are to be delivered to the United Nations University, 53-70 Jingumae 5-chome, Shibuya-ku, Tokyo, 150-8925, Japan

..............................................................................................
Vendor Name

..............................................................................................
Name of Authorized Official

..............................................................................................
Signature

..............................................................................................
Date