

# Request for quotation



**Request for Quotation**

**RFQ096**

**Firewall Solution**

**Issued 15 June 2018**

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## CONFIDENTIALITY STATEMENT

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Thank you for your consideration, City College Plymouth.

Where no notice is given, all information contained herein is Copyright 2018 City College Plymouth.

## OPEN PROCEDURE

The College fully adheres to the requirements of the Public Contracts Regulations 2015, including for opportunities which are under threshold amounts. This contract will be published on Contracts finder in accordance with the Regulations.

Any Contractor who directly or indirectly canvasses any Member or Officer of the Institution, or advisor concerning the award of the contract for the provision of the services, or who directly or indirectly obtains or attempts to obtain information from any such member or Officer concerning any Tender or proposed Tender for the service will be disqualified from having his/her Tender considered.

## SUBMISSION DETAILS

### SUBMISSION DEADLINES

All submissions for responding to this Request for Quote must be submitted via email as stated below, no later than:

**Thursday 28 June 2018**

**12:00 Noon**

Any submissions received after this date will not be considered.

## SUBMISSION DELIVERY ADDRESS

All submissions should be submitted electronically as below

## SUBMISSION QUESTIONS AND CLARIFICATIONS

You may contact the following person if you have any questions or require clarification on any topics covered in this Request for Quotation: by 22 June 2018.

### **Adam Baker**

Procurement Assistant

Phone: 01752 305 313

Email: [tenders@cityplym.ac.uk](mailto:tenders@cityplym.ac.uk)

All correspondence during the Tender should be channeled via the Procurement Officer using the above details only. Bidders found to have gained an unfair advantage shall be disqualified from the current opportunity and future opportunities with the College for a minimum of four (4) years.

## ELECTRONIC SUBMISSIONS

Electronic submissions in response to this Request for Quotation should meet the following criteria:

Sent via email to: [tenders@cityplym.ac.uk](mailto:tenders@cityplym.ac.uk)

Document standards:

- Text must be in Microsoft Word format;
- Price tables must be in Microsoft Excel format (using pricing schedule in Appendix A);
- Supportive evidence may additionally be submitted in PDF format;
- Images, Designs, and other supporting evidence may be in either JPEG or PDF format
- Completed Appendix C Suitability Assessment & Selection Questionnaire (Including Mandatory & Discretionary Exclusions) Parts 1, 2 and 3. - *Please note this suitability assessment will not be viewed unless you are the winning tenderer. Failure at this stage may prevent the contract from being awarded.*
- Signed Agreement Acceptance and Declaration Appendix D

*Please note that the College is able to accept submissions sent in a compressed or ".zip" file format, so long as the files contained meet the standards described above.*

### **WARRANTY:**

By submitting your tender bid, you are warranting to the College that you have not breached our canvassing or soliciting clause.

If any successful tenderer awarded a contract is found to have provided an inaccurate warranty, then the College reserves the right to terminate the awarded contract with immediate effect and re-tender the contract from which the successful tenderer will be excluded from re-bidding and shall be disqualified from any future opportunities for a period of four years.

## **INTRODUCTION AND EXECUTIVE SUMMARY**

City College Plymouth is looking to update its firewall solution. More detailed requirements, including a technical specification are outlined below.

This will be a three year agreement. The anticipated value over the 3 years is £35,000.

## **BUSINESS OVERVIEW & BACKGROUND**

The College operates on two sites within the city, serving 12,897 students and employing 622 staff. The College operates year round, with opening times from 0800-2100 on some days.

### **OUR VISION ... IS WHERE OUR FUTURE LIES**

We are a College with a national reputation for promoting enterprise, employability and science, technology, engineering and mathematics (STEM).

### **OUR MISSION ... IS WHAT WE FOCUS ON EACH AND EVERY DAY**

To be the South West's leading provider of innovative, technical, professional education and training by supporting partnerships for growth, raising aspirations and fostering wealth creation

## **BACKGROUND**

City College Plymouth is one of the largest providers of innovative, technical and professional, education in the South West with a national reputation for promoting enterprise, employability and science, technology, engineering and mathematics (STEM). The College plays a central role in the educational, cultural and economic life of the region and works with strategic partners to facilitate growth, raise aspirations and foster wealth creation.

The College was awarded the Teaching Excellence Framework Gold award for its university-level provision and its most recent Ofsted inspection confirmed that the College continues to be 'Good' with outstanding features. The College was rated first in the South West and second nationally for student satisfaction in the latest FE Choices student satisfaction survey.

City College supports the region's employers with their award-winning Apprenticeship provision, as well as providing a range of courses and bespoke training programmes which enable employees to upskill or retrain to better support their business' requirements. Their successful partnership working with the local business community resulted in a 99.5% satisfaction rate in the Government's national 'FE Choices employer satisfaction survey 2016 to 2017' - placing them first in the country for general further education colleges.

City College Plymouth offers a wide range of academic and vocational courses in a variety of subjects. The total number of students supported by the College in 2016/17 was 12,533 - which comprised: 3,569 full-time students, including 765 higher education students and 179 non EU students; 8,964 part-time students; and 1,599 apprentices. The College also employs over 500 staff.

## DETAILED REQUIREMENTS

The college currently runs a number of Fortinet firewalls across the estate with the main pair protecting the college from the JISC network being Fortigate 600C in High Availability formation whilst other Fortigate lower model firewalls protect small circuits. It is the main firewall pair which are in need of replacement due to their age however they may be used in a minor role (subject to licensing) to gain as much use as practically possible out of the devices.

The college has invested significant time and resources into the current systems, fine tuning the firewall rules to ensure only the systems and services needing access are given the appropriate rights. Policies are geared around content for staff and students as well as whitelists and blacklists being set-up.

The college also ran the Fortianalyzer 400B log analyser; this has been retired through end of life dates.

The college is seeking to obtain the following:

- High Availability pair of appliance firewalls
- Log Analyser with 6Gb/day capacity

As the college has invested so much time in the Fortinet systems, any replacement must be compatible with the outgoing models.

Automation is used to ensure the application and web site filtering is always kept up to date. IPS definitions, malicious URLs and Web site classification is updated at least daily. Web filtering is to be category based or similar dynamic classification of web content.

In addition, the firewalls contain other features which have been enabled through licensing. These include Anti-virus protection for website access, Application control to restrict applications used to access the internet (such as private VPNs and TOR) and a secure VPN type access to allow remote access to some college systems.

#### TECHNICAL REQUIREMENTS

The firewall requires the following minimum specification. This is based on the unit being a Next Generation FireWall (NGFW) encompassing the following features:

Firewall and port filtering, application control, IPv4 and IPv6, VPN, Secure Portal, AntiVirus, DNS Filter, EndPoint Control, Intrusion Prevention, Web filter, DoS Control, Multicast policy, NAT64 and NAT46 services, Traffic shaping and Load Balance.

The inspection system is to be able to work on either a transparent flow basis or proxy.

The unit is to have separate management and HA/Sync ports from the data ports. At least two ports are to be 10Gb capable. Dual power supplies. 8 data ports RJ45 plus options for 8 fibre SPF ports.

#### Performance specification:

Metric	Value	Comment
Firewall performance	36Gb/s	1518 byte packet UDP
Firewall throughput	33Mpps	
Concurrent sessions	8 million	TCP
New sessions per sec	300,000	TCP



Max policies	10000	
IPsec VPN throughput	20Gbps	512 byte
SSL -VPN Throughput	5Gbs	
Concurrent SSL-VPN Users	500	
SSL Inspection throughput	6.8Gbps	
Application control throughput	14Gbps	
NGFW Throughput	5Gbps	Enterprise traffic mix
HA Options	Active-Active Active-Passive Cluster	
2FA	Authentication	System to support software or hardware 2FA tokens for authentication.
Syslog file output	To be compatible with Solarwinds LEM 6.4	Firewall must be on the support agent list.
Integration to AD/LDAP	Must use AD/LDAP to authenticate users and control permissions	

**Services:**

Professional services are required to assist with the quick and smooth migration from the existing systems to the replacements.

The Company must be at least a Gold partner with the Firewall supplier. Their technical team must have members qualified with FCNSA and FCNSP or equivalent manufactures qualifications.

The college is also interested in additional services which could be provided to enhance the experience and to get the most out of the firewall. These should be clearly identified as an integral part of the solution or as an optional payable extra.

If offered online training should be identified and if this is included in the system maintenance costs or supplemental option.

Companies are invited to suggest any additional services, you should clearly state they are optional and are extra to the main systems and services provided.

## TESTING

The College will require the software to be tested prior to awarding the final contract. Testing is expected to take place over a minimum two week period, commencing 9 July 2018.

## TRAINING

The College requires initial set-up training & assistance on the product.

## SUPPORT AND MAINTENANCE

We require a SLA with a 4hr next business day response. In the event of hardware failure, there is an expectation that new hardware will be sent in advance of faulty equipment being returned.

## TIMESCALES

Task	End Date
Tender published	15/6/18
Tender closes	28/6/18
Shortlisting	02/7/18
Evaluation Period - 2 weeks but may be extended	09/7/18

Contract Award	26/7/18
Implementation commences	1/8/18

## WRITTEN SUBMISSION

You are required to submit a written document detailing your product and demonstrating how it will meet our specific requirements as outlined above. In addition, this document should also outline:

- Your ability to meet our deadlines, in particular to provide hardware and software for testing.
- Details of how you meet the technical requirements.
- Your maintenance and support (SLA) offer, including how you will meet the 4 hour business day response, and provide a named account manager.
- Any additional services you are able to provide.

## PRICING

Pricing should be specified using Appendix A.

The college is looking for annual prices over a 3 year period, with a preference for an annual invoice, payable in monthly instalments. Payment by standing order can be discussed.

Annual support and maintenance must be included. This can either be shown separately or included as part of the firewall solution.

Please also provide any intended costs for the initial set up and training.

An outline figure for year 4 costs should be included.

The data provided in Appendix A **should not** be considered a commitment to purchase, services will only be ordered on award of contract.

## TERMS AND CONDITIONS

This Request for Quotation and any resulting purchase order will be subject to the College's General Terms and Conditions of Purchase of Goods/Services – see Appendix B. The College reserves the right to request a formal contract for all contracts over 1 year duration in supplement to the terms and conditions and contract acceptance documents.

The College's normal business terms are 1-2 months from the date of invoice. For larger invoices, the College would prefer monthly payments where possible. Payment will become due subject to the above upon the College's full acceptance of the goods/services.

## VALIDITY

Bidder's offers should be open and valid for acceptance for a period of no less than ninety [90] days from the date of submission.

## SELECTION CRITERIA

The successful supplier will have provided the Most Economically Advantageous Tender (MEAT) to the college. It should be noted that the bidder with the lowest submitted prices will not necessarily be down-selected. All bidders will be notified via email of the results of the outcome no later than 30 days from the date of submission. The date of contract award will be provided within that email.

The marking criteria is as follows:

Category	Weight
Price	50%
Technical Specification and Evaluation	40%
Support & Training (initial & on-going), including SLA	10%

Please see table below for more details on the scoring method.

## AWARD PRICE

Lowest quote price divided by quote price multiplied by 100

## WRITTEN SUBMISSION

Assessment	Score	Interpretation
<b>Excellent</b>	4	<i>Comprehensive response supported by examples Description fully supported by details that demonstrate the applicant's ability to provide the required services.</i>

<b>Good</b>	3	<i>Broad response supported by relevant examples. Description well supported by details that demonstrate the applicant's ability to provide the required services.</i>
<b>Satisfactory</b>	2	<i>Reasonable response supported by some evidence. Description adequately supported by details that demonstrate the applicant's ability to provide the required services.</i>
<b>Poor</b>	1	<i>Limited response not well supported by evidence. Description inadequately supported by details that demonstrate the applicant's ability to provide the required services.</i>
<b>Unacceptable</b>	0	<i>No response or insufficient information provided.</i>

## ASSESSMENT OF QUOTATIONS

Bidders must ensure that their quotation fully addresses all information requested within this RFQ document. Bidders must ensure that any quotation fully meets the specification required. The College reserves the right to discount any quotation which does not fully meet the specification.

The College reserves the right to seek clarification with bidders upon receipt of quotations.

## FREEDOM OF INFORMATION ACT 2000

Under the Freedom of Information Act 2000 the College cannot guarantee that information provided by bidders during the course of this RFQ procedure or any resulting contract will be held as confidential. The College will not routinely release information to interested parties unless required to do so in order to meet our statutory obligations.

## GENERAL DATA PROTECTION REGULATION (GDPR) 2018

All bidders must comply with the General Data Protection Regulation (GDPR) 2018 in respect of using and processing personal information. Bidders must have in place technical and organisational safeguards to protect personal data from unauthorised use, disclosure or loss.

The College reserves the right to request a copy of your privacy statement if you are the successful bidder.

## SUITABILITY AND ASSESSMENT QUESTIONNAIRE

As this is a contract expected to be awarded for a number of years, you are required to complete the Suitability and Assessment Questionnaire, Appendix C. This will not be viewed unless you are the successful bidder and does not form part of the initial contract assessment.

## AGREEMENT CONDITIONS ACCEPTANCE AND DECLARATION

Bidders are required to sign and return the attached Agreement Conditions Acceptance and Declaration.

## SUPPORTING DOCUMENTATION

Appendix A: Pricing Schedule

Appendix B: City College Plymouth Standard Terms & Conditions

Appendix C: Suitability and Assessment Questionnaire

Appendix D: Agreement Conditions Acceptance and Declaration Form