CEDEFOP | European Centre for the Development of Vocational Training

40 years

FINANCE AND PROCUREMENT SERVICE

RS/PRO/YSIRAK/ RB(2015) 02219
Thessaloniki, 3 September 2015

OPEN INVITATION TO TENDER

AO/DSI-RS/PHT-ASIA/EuropassServices/007/2015

''Support and Development services for Europass web resources''

REFERENCE: *Contract notice – 2015/S 127-231313*
Clarification 2 - Questions and Answers (Answer 3)

CLARIFICATION (6) – QUESTIONS AND ANSWERS

Dear Madam/Sir,

In regards to the above mentioned Open Tender Procedure please find below the answer of Cedefop to the requested additional Clarification, raised by one potential tenderer:

Question No 1

In your answer to Question No 3 of Clarification 2, it is stated that the average traffic in terms of bandwidth is 500 Mbps per month.
However, there seems to be a clerical error, as the term "Mbps per month" seems to refer to something different does not make much sense in technical terms. Taken literally, this would mean "500 megabits per second per month", which is not meaningful. As bandwidth plays an important part in cloud providers' prices, could you please provide the correct amount, expressed either as overall average bandwidth (measured in Mbps) or as the volume per month (measured in GB or TB per month).
Without rectification of the above answer it will be impossible / very difficult for the non-incumbent tenderers to provide a competitive offer.

Cedefop's answer to question No 1

The figure of 500 Mbps per month was calculated based on the current daily peak bandwidth (16Mbps) times 30 days.
The approximate average bandwidth within one day (24h) of the week (Mon-Fri) is about 8 Mbps and in week-end (Sat-Sun) days it's 5MBps.

Estimation of volume per month:
Taking into account a month of 22 week-days and 8 week-end days, the total volume would be:

22 x 24h x 60 x 60 x **8**Mbps = 1900800 Mbits = 1770.3GB (GigaBytes)
http://www.dslreports.com/calculator?sz=2592000000000+B&c1=Calc&time=22d&speed=8 Mbps

8 x 24h x 60 x 60 x **5**Mbps = 3456000 Mbits = 402.3 GB (GigaBytes)
http://www.dslreports.com/calculator?sz=432000000000+B&c1=Calc&time=8d&speed=5M bps

TOTAL estimated volume per month (currently) = 2172.6 GB

The traffic of Europass increases approximately by 5% (2013-2014) to 40% (2012-2013) every year.