common Telco rack with other providers already present in the EMSA Datacentre. The details will be discussed with EMSA during the kick off meeting.

Tenderers shall fill in the price grid in Appendix C, including prices for the following bandwidth:

- 1 Gigabit/sec;
- 2 Gigabit/sec;
- 5 Gigabit/sec.

Per each of these, the tenderer shall provide the initial one-off setup fee (if any), and the base monthly recurring cost for the solution. No variable costs (i.e. depending on effective link utilisation) are accepted. In case EMSA requires an update from one bandwidth to another, no further initial setup costs can be charged – but only the new monthly recurring cost from the day of the upgrade.

SERVICE 2: ADSL or equivalent Internet access technology to provide separate extra connectivity to the EMSA premises for specific purposes, through a physical connection which has to be different from the ones used for the previously mentioned redundant Internet access under "SERVICE1"

The delivery of one or more ADSL or equivalent access technology is also required, with the following minimum requirements:

- minimum bandwidth of 100Mbps;
- minimum of 8 fixed dedicated IP;
- physical media (fibre, copper line) to deliver this connection must be different from the ones used for the previously mentioned redundant Internet access under "SERVICE1".

Tenderers shall fill in the price grid in Appendix C.

SERVICE 3: Direct fibre to connect EMSA premises in Lisbon to the FCCN Datacentre in Lisbon

EMSA's main Datacentre is located on the 3rd floor of the EMSA Building at Cais do Sodré, 1249-206, Lisbon, Portugal.

FCCN main Datacentre is located in Campus do Laboratório Nacional de Engenharia Civil, LNEC at Av. do Brasil, 101 Lisboa, Portugal, where there are 2 technical rooms available:

- SE03 Ed. Manuel Rocha;
- SE06 Pavilhão Cuama.

The required solution must allow for at least 1 Gbps bi-directional connection speed with low latency and high availability; the provided circuit shall be built on a dark fibre, or on a MetroLAN Layer 2 link, or on an equivalent low latency technology. The link cannot be subject to traffic shaping, filtering or restrictions whatsoever on ports, protocols, time and amount of data traffic.

The minimum requirements for the proposed solution are: