Specification texts for tendering   
**Pepper, the humanoid robot**

|  |  |
| --- | --- |
| **Hardware**  *(independent from robot type)* | **Technical features**   * Weight: portable (28 Kg) * Size: child size (e.g. from 0.8m to 1.5m) * Free human gestures * Integrated screen with touch function * 3D camera for person and environment detection * Depth camera for distance detection * Wheels for smooth movements * Integrated WLAN * Running time at least 8 hours |
| **Plural application** | **Requirements for use**   * Usable, without the requirement of programming knowledge * Adaptations can be made by the client and the use must be available without restrictions. * Management of several robots with individualization options and organization for different purposes such as trade fairs, events, showrooms, reception areas, internal use, etc. * Preparation of operations must also be possible without direct access of a robot * Input of multimedia content (image/video) in different languages (min. 4) * Upload of media content to a media library * Storage and archiving of created content for later use * Creation of questions and surveys * Creation of feedback through a rating system * Input, changes and administration of voice dialogs * Input, changes and management of proactive dialogs * Updating of the robot must be done within a few minutes * User management for administration of users |
| **Training** | * Extensive training in hardware of the robot, transport, positioning, operations. * Extensive training in software environment for own use for selected employees (without programming knowledge) |
| **Service** | * Allocation of hours according to performance consumption for concerns relating to hardware, software, operation, deployments, etc. * Support in the form of documentation, videos and direct communication in addition to the usual ticketing system * Support in communication with manufacturer |