

## Annex 3 to Quote for Robotic Equipment: Types and price categories for the initial list of equipment for ECHORD

<b>1</b>	<b>Robotic arms with different payload</b>
1.1	<10 kg standard robot arm with $\geq$ 6 DoF
1.2	10-50 kg standard robot arm with $\geq$ 6 DoF
1.3	> 50 kg standard robot arm with $\geq$ 6 DoF
1.4	lightweight robot arm with $\geq$ 6 DoF
<b>2</b>	<b>Mobile platforms</b>
2.1	non-holonomic platform
2.2	holonomic platform
<b>3</b>	<b>Parallel kinematics</b>
3.1	< 10 kg payload, high-speed
3.2	10-50 kg payload
3.3	> 50 kg payload
<b>4</b>	<b>Robotic Hands</b>
4.1	Hand with 3 fingers
4.2	Hand with 4 fingers
4.3	Hand with 5 fingers
<b>5</b>	<b>Controller hardware (if not included in robot)</b>
5.1	Controller for 6-7 DoF robotic arm
5.2	Controller for multiple arms
5.3	Controller with safety features
<b>6</b>	<b>Sensor equipment</b>
6.1	Safety
6.2	Force / torque
6.3	external (e.g. 3D- sensors, Laserscanners, PMD, ...)
<b>7</b>	<b>Software</b>
7.1	Simulation software for robotic arms
7.2	Software for coordinated motion of multiple arms
<b>8</b>	<b>Accessories</b>
8.1	Mounting (on e.g. floor, wall, ceiling, mobile platform)
8.2	Teach box
8.3	Miscellaneous (cables, interfaces, ...)
<b>9</b>	<b>Other (please describe)</b>

## Price categories

Please state for every equipment item one of the following price categories:  
An item can be a component, a robot or another functional unit, or a kit.

A	< 5 000	EUR
B	5 000 - 10 000	EUR
C	10 000 - 20 000	EUR
D	20 000 - 30 000	EUR
E	30 000 - 40 000	EUR
F	40 000 - 50 000	EUR
G	50 000 - 70 000	EUR
H	> 70 000	EUR