

CLARIFICATION No: 1

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Subject: Supply of Equipment for Advanced Prototype Station (APS)

	<p>minimize vibrations</p> <p>Technical specification is specific to one manufacturer (DMG Mori). To be more competitive tender, we kindly request from Contracting Authority change this specification as below:</p> <p>2.4.1 The machine shall have a cast-iron or mineral cast body or <u>Steel body filled by Hydropol concrete</u> structure to minimize vibrations</p>	
Q21	<p>Item 2.4.7</p> <p>Rapid speed shall be minimum 30 m/min for X and Z axes and a minimum of 10 m/min for Y axis.</p> <p>According to our market research, most European origin leading Turning Mill Center manufacturers offer identical rapid speed range for Y and Z axis's while X axis range is slightly lower. Therefor in order to increase the competition among various manufacturers we kindly request you to update this requirement as follows; <i>"Rapid speed shall be minimum 20 m/min for X and Z axes and a minimum of 10 m/min for Y axis".</i></p>	<p>According to APS Center's way of provide services to users, axis speeds determined for effectively process complex materials in certain time periods.</p> <p>Based on the comprehensive market research conducted, requested technical specifications are available in more than one eligible product. Therefore, the specifications remain unchanged.</p>
Q22	<p>Item 2.4.14</p> <p>Machine milling spindle taper shall be either Capto C6 or HSK-T63 industry</p> <p>Considering the fact that HSK-63 (HSK-A63) is not only compatible with HSK-T63 but also covers the HSK-T specification, would you kindly clarify if it is acceptable to offer HSK-63 spindle taper?</p>	<p>The HSK standard provides several forms under its explanation and the most common type of milling spindle interface in the HSK standard are the A and the F. The F variant does not provide tool orientation in the spindle as it does not have a key-way. Although it is true that HSK-A63 tool holding standard is compatible with the HSK-T63 standard, the reverse is not true and HSK-T63 holders are not recommended to be used in HSK-A63 as they may cause severe damage to the tool holding mechanism. The reason for this is the way the key-way of the A and T variant of HSK differ in their tolerances. The T variant of the HSK tool holder is much more tightly specified and it is</p>