

**TENDER DOCUMENTation FOR SELECTION of the contractor**

**Refurbishment of the Combined Heat and Power Plant**

**in Mladá Boleslav**

**Business Package OB 2**

**Boiler HOUSES**

**VOLUME iii**

***TECHNICAL REQUIREMENTS***

**Annex A10 Vendor list**

##### As part of the unification of partial heating plant technologies, the following producers are required:

|  |  |  |
| --- | --- | --- |
| **system** | **producer** | **justification** |
| compressor | SCR | compressors are an identical backup of current equipment |
| high voltage protection | Siemens Siprotec | requirement for compatibility with the current system |

For sub-systems and uniformity with the rest of heating plant, the following producers are preferred for the following systems:

|  |  |
| --- | --- |
| **system** | **producer** |
| blowers | Aerzen |
| frequency converters | Siemens FM Sinamics |
| electric servo drives | Auma, Drehmo |
| KKS codes | P.V. Energoservis |
| rotary feeders | Coperion |
| disruptive pulse jets | Myrlen |
| pneumatic transport of fly ash | Clyde |
| steam blowers | Rosink |
| electric motors (6 kV) | Siemens |
| pneumatic elements | Festo |
| circuit breaker socket | ABB – MNS 3.0 |
| filters | ZVVZ Milevsko, Cipres |
| high-pressure fittings | Sempel |
| safety steam valves | Sempel |
| local control systems | Siemens |
| PLC | Siemens |
| LV and HV network analyzers | KMB |
| vibration measurement | Adash, Emerson, Vibrotech |
| measurement of solid emissions | Durag |
| measurement of gaseous emissions | Gasmet, ABB |

All these manufacturers are preferred due to the installation of their products in the current heating plant and the unification of system suppliers due to easier servicing and storage of spare parts.