



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

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As part of the unification of 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.