

SIA "Bio Re"  
Reģ. Nr. LV50103704121, Artilērijas iela 40G, Rīga, LV-1009, info@biore.lv, tel.:  
29404908

### Price Survey

"The supply of biogas micro-cogeneration (micro CHP) equipment"

Rīga 07.12.2016.

Nr. CAI-LIFE-2016-12-1

Companies are requested to provide the supply for micro CHP.

Micro CHP specification:

No.	Requested specification	Offered Specification
1	CHP fuel - biogas or "biogas and diesel" (combined fuel)	
2	Electric power $Q_{el} = 1.5 - 2.5$ kW	
3	Heat capacity $Q_s = 2.5 - 4.5$ kW	
4	An internal combustion engine equipped with a liquid-cooled cover	
5	For heat collection the heat exchanger is installed in an exhaust duct.	
6	Heat is collected from both the cooling system and the exhaust channel	
7	The machine is equipped with independent magnet three-phase asynchronous generator or other types of generating plants and an inverter that provides an output voltage 220 / 380VAC, 50Hz frequency, compatible with the network frequency.	
8	Fuel efficiency rate of $\eta_0 < 90\%$ .	
9	Internal combustion engine cooling system is a closed reactor in series with the heating system.	
10	Automatic removal of heat from the internal combustion engine is realized by the thermostat (full opening at $T = +92^\circ$ C).	
11	An internal combustion engine is equipped with thermal and acoustic insulation.	
12	Cogeneration equipment is equipped with an output electroenergy couter.	
13	Cogeneration plant starting and stopping takes place automatically at a certain pressure in a biogas gasholder.	

Micro CHP must be delivered until 28.02.2017.

Prepayment will be provided.

The offer proposal has to be delivered personally in Artilerijas street 40G, Rīga, LV-1009, or by e-mail: info@biore.lv. Contact person for the survey details: Aigars Atvars, +371 25986724. Price survey specification is available on: [www.biore.lv/iepirkumi.php](http://www.biore.lv/iepirkumi.php).

The offer proposal must be submitted until 6<sup>th</sup> January 2017.

The price survey is carried out within the project LIFE GRASSSERVICE (LV LIFE12 BIO/LV/001130) needs.