

Interview with persons in the EPC-market

Country

General information

Item	
Organization name	The City of Prague 3
Organization type	Public Administration
Name of interviewed person	Mgr. Ondřej Rut
Function of interviewed person	Deputy mayor
Date of interview	28.11.2013

Potential project	
Facility (project title)	The provision of energy services by EPC project in selected objects owned by The City of Prague 3
City, Region (site)	Prague 3
Type of customer	<ul style="list-style-type: none"> • Municipality • Regional office • State organization • Other public: _____ • Private
Sector	<ul style="list-style-type: none"> • Schools • Hospitals • Other public organisations (culture, sport, etc.): sport • Industry: _____ • Tertiary sector (trade, services): _____ • Residential housing sector
Goals of the project <i>(e.g. comprehensive reconstruction of the energy system during six months by implementing measures saving heat, electricity and water)</i>	<ul style="list-style-type: none"> • Energy savings and energy costs in selected school buildings • Modernization of sources and heating systems • CO2 reduction, i.e. reducing the contribution of the urban climate change • The motivation for the subsidized organizations for better energy management and entrusted funds
Number of buildings of each type	<ul style="list-style-type: none"> • 12 school buildings • 1 sport areal

(e.g. 25 schools, 11 healthcare facilities, etc.)

Interview

Question	Answer
What was the impulse to start thinking about realizing an EPC project?	The City of Prague 3 has not sufficient incentives to invest public funds where short-term financial return is not ensured, or action that directly and visibly affect positively the quality of life of residents. EPC project helped to guarantee medium-term financial return on investment just in areas that are typically invests at the stage of maturity of technologies, which in the long term leads to a waste of public funds.
What would be the main reasons for your organization for choosing an EPC project? <i>(remove not-valid answers and put remaining answers in order of decreasing importance)</i>	<ul style="list-style-type: none"> • Energy <u>cost saving</u> • The possibility for <u>pre-financing energy saving measures</u> of buildings • CO₂ reduction/<u>environmental advantages</u> • <u>Outsourcing of services</u> (maintenance and implementation of energy saving measures) to a specialised external partner, so the organisation can focus on his core business • <u>Less administrative/juridical work</u> as an EPC-project has to be tendered only one (while separate energy saving measures would require multiple tenders) • Other: Creating motivational conditions for better energy management and entrusted funds
What are in your opinion the main barriers the realization of an EPC-project in your organization? <i>(remove not-valid answers and put remaining answers in order of decreasing importance)</i>	<ul style="list-style-type: none"> • <u>Complicated tendering procedure</u> • EPC is an <u>unknown and unproven procedure</u> • <u>Free energy services</u> supplied by the energy distribution company • <u>Cost of the project preparation</u> • <u>Costs of the measurement and verification</u>
What is the expected size of the first EPC project in your organization?	Number of selected buildings in the pool: 13 objects Energy cost of the pool: 760.000 €/year Potential investment volume: 800.000 € Potential savings: 15 %
Other comments	



Other information on the project

To fill in only available information

Timing of the project		From	Till
Project identification		February 2013	August 2013
Procurement procedure		September 2013	
Installation of energy efficiency measures			
Contract duration (guarantee duration)			
Period of repayment <i>(if the same, do not fill in)</i>			
Contract duration [years]			
Project specifications			
Measures <i>(short description – max. 5 points)</i>		<ul style="list-style-type: none"> • ... • ... 	
Total investment [EUR]			
Co-financing of customer			
Initial energy consumption before the project (baseline)	Heat	[kWh/GJ]	
	Cooling	[kWh/GJ]	
	Natural gas	[kWh]	
	Electricity	[kWh]	
	Hot water	[kWh/GJ]	
	Water	[m3]	
Total energy consumption costs before the project		[EUR]	
Savings		Guaranteed	Achieved
Total savings		[%]	
Heat		[kWh/GJ]	
Cooling		[kWh/GJ]	
Natural gas		[kWh]	
Electricity		[kWh]	
Hot water		[kWh/GJ]	
Water		[m3]	
Decrease of other operational costs <i>(wages, maintenance, etc.)</i>		[Kč]	
Total guaranteed savings		[Kč]	
If there are other important aspects of the project, innovations and client's advantages, not mentioned above, please, describe here			



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(e.g. other type of cost saved, different form of financing such as leasing, exceptionality of the project, direct link to another energy efficiency project such as building insulation)