

Interview with persons in the EPC-market

Country

General information

Item	
Organisation name	Irish Prison Service
Organisation type	Public Body
Date of interview	04/02/2014
Name of interviewed person	<i>Derek Chambers</i>
Function of interviewed person	Environmental Manager

Potential project	
Facility (project title)	Wheatfield & Cloverhill Thermal Energy Project
City, Region (site)	
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 (): __Justice____ • 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"> • ...Comprehensive restructuring of the thermal energy supply, distribution & control for all heating and hot water services • ...
Number of buildings of each type <i>(e.g. 25 schools, 11 healthcare facilities, etc.)</i>	<ul style="list-style-type: none"> • ...2 Prison building of 80,000 M² • ...

Interview

Question	Answer
What was the impulse to start thinking about realising an EPC project?	Focus is be placed on the guarantee of the investment reurn by the contractor and the continued management including maintenance of the services until completion of the pay back period
What would be the main reasons for your organisation 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"> • <u>Energy cost saving</u> • The possibility for <u>pre-financing energy saving measures</u> of buildings • <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 • • Other : <u>_Investment guaranteed_____</u>
What are in your opinion the main barriers the realisation of an EPC-project in your organisation? <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>Cost of the project preparation</u> • <u>Costs of the measurement and verification</u> • Other : <u>_____</u>
What is the expected size of the first EPC project in your organisation?	Number of selected buildings in the pool: 2 buildings Energy cost of the pool: 1.2 m euro/year Potential investment volume: 0.86 m/euro Potential savings: 18- 20%
Other comments	



Other information on the project

To fill in only available information

Timing of the project		From	Till
Project identification			
Procurement procedure			
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>		[EUR]	
Total guaranteed savings		[EUR]	
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)