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GS E&C, 70 Million USD Overseas Project LOI Received Bahrain, Waste Water Treatment Plant Project

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1. Project Overview

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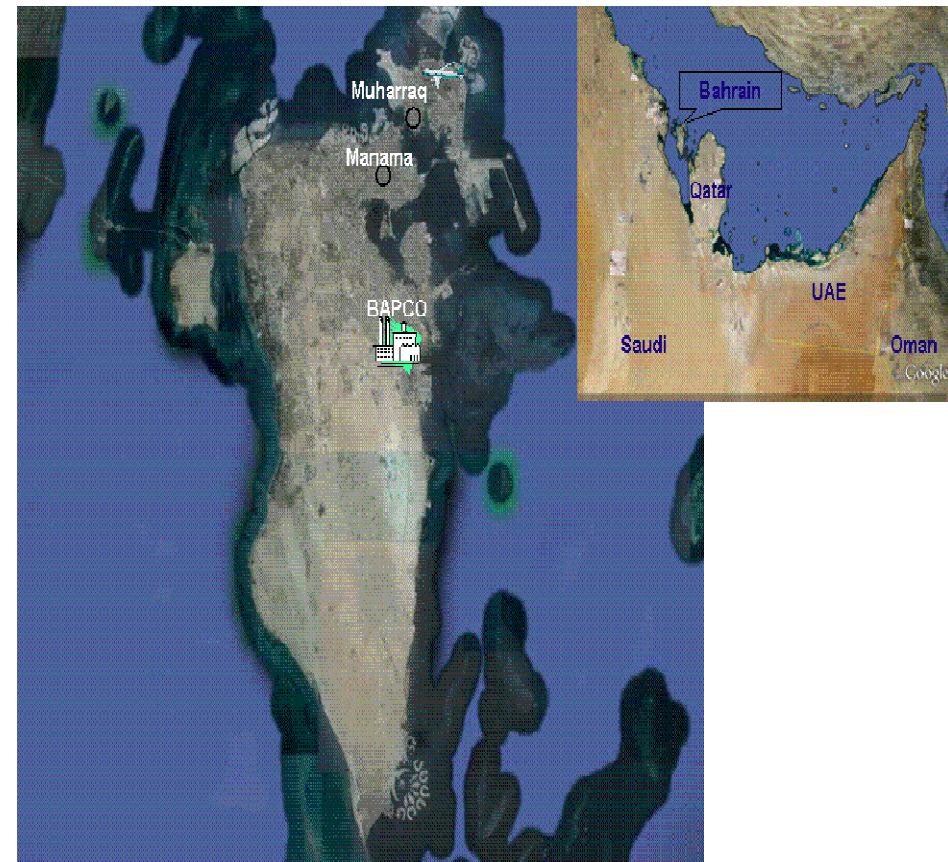
GS E&C awarded the letter of intend of USD 70 million waste water treatment plant project sponsored by The Bahrain Petroleum Company. This project is located in the Bahrain Refinery.

Overview

Location	Bahrain, Sitrah, the Bahrain Refinery
Sponsor	The Bahrain Petroleum Company
Finanace	Client Own Fund
Facilities	- Industrial waste water treatment plant : 24,000 ton/day - Removing sulfur pelletizing plants and roads
Contract Type	Lump Sump T/K
Period	27 Months
Amount	U\$ 70 Mil

*BAPCO : the Bahrain Petroleum Company

Location



2. Risk Analysis and Experience

GS E&C will hedge expected risks, and will successfully execute this project with the experience of waste water treatment plant projects.

Capability	<ul style="list-style-type: none"> • Previous experience on the executed waste water and sewage treatment plant projects.
Payment	<ul style="list-style-type: none"> • Reliable client (State-running company) • Advanced payment(10%) and Monthly progress payment
Raw Material & F/X Risk	<ul style="list-style-type: none"> • Contingency cost for raw-material fluctuation • Forward deal contracts for hedging F/X risk
Others	<ul style="list-style-type: none"> • Preparing for contingency cost

Introduction



Waste Water treatment Plant Project Experience		
Project	Contract Type	Period
Junglangmul sewage treatment	LSTK	2009 ~ 2014
Songdo sewage treatment	LSTK	2010 ~ 2012
LCD P8 waste water treatment	LSTK	2009 ~ 2011
Jungheung waste water treatment	LSTK	2005 ~ 2008

Location	The Western of the Persian Gulf
Population	0.72 Million (2008)
Capital	Manama
Language	Arabic, English
Religion	Islam 81%
Area	665 km2
GDP	USD 19,455 (2009)

3. Prospect

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- Waste water treatment plant project is USD 70 million construction which is sponsored by The Bahrain Petroleum Company in Bahrain. This project is located in the Bahrain Refinery 20km away from Manama, the capital of Bahrain. GS E&C executes the whole process of engineering, procurement and construction over 27 months. This project will contribute to increase annual revenue by 36 billion won.
- Awarding the first waste water treatment plant project in the middle east, GS E&C proves that it is internationally recognized as having its edge in waste water treatment field. Also, it is expected that GS E&C can acquire additional projects with the experience of the first construction in Bahrain. In addition, GE E&C can diversify its business in the middle east market through the successful completion of this project.



<Jeju, Water Treatment Plant Project >

Overseas Projects

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	Description	Project	Client	Project Type	Contract Amount Unit: USD	Project Period
2010 Award	Thailand	IRPC Propylene	IRPC Public Co, Ltd.	Propylene	80 mil	2010 – 2012
	Canda	Oil sand	Harvest Energy	Oil sand	CAD 310 mil	2010 – 2012
	Vietnam	Laguna Hue	Laguna(Vietnam)	Resort	58 mil	2010 – 2012
Under construction	UAE	Ruwais Refinery Pkg7	Takreer	Civil	524 mil	2009 – 2014
	UAE	Ruwais Refinery Pkg2	Takreer	RFCC	3.11 bn	2009 – 2014
	Oman	SNDC	Petroleum Development Oman	Gas	220 mil	2009 – 2013
	UAE	Ruwais 4 th NGL Train	GASCO	Gas	1.2 bn	2009 – 2013
	Singapore	C913	LTA	Civil	310 mil	2009 – 2015
	Singapore	Depot C911	LTA	Civil	144 mil	2009 – 2015
	Vietnam	Hanoi~Haiphong	VIDIFI	Civil	175 mil	2008 – 2011
	Saudi Arabia	Manifa	Aramco	Gas	501 mil	2008 – 2011
	UAE	Green Diesel	Takreer	VDU Hydrocracker	1.13 bn	2008 – 2011
	Thailand	PTT LNG	PTT LNG Co., Ltd.	LNG Terminal	393 mil	2008 – 2011
	Egypt	ERC Hydrocraker	ERC	Hydrocracker	2.17 bn	2007 – 2014
	Oman	Salalah Methanol	SMC	Methanol	722 mil	2007 – 2010
	Thailand	HMC PP	HMC Polymers Co. Ltd.	Poly Propylene	176 mil	2007 – 2010
	Oman	Aromatics	AOL	Aromatics	1.25 bn	2006 – 2010