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Global Perspectives
Mutual Respect



◆ GS E&C Consortium

- SGD 411million
- Overseas Civil Engineering Project Award
- Singapore Depot C-911 Project

Contents

- 1. Project Overview**
- 2. Risk Analysis & Experience**
- 3. Prospects**

1. Project Overview

GS E&C consortium awarded SGD 411mil project and constituted joint operation with esteemed local company. This project is to design and build a subway depot, which is sponsored by Singapore Land Transport Authority.

Overview

Location	Singapore, Jalan Gali Batu
Sponsor	Land Transport Authority
Finance	Government Finance
Project Overview	<ul style="list-style-type: none">• Depot : 300,000 m² (1.2km × 250m)• Civil Work : 2,810,000 m³• Depot Container 26 units (60,000 m²)• Subway Tunnel : 199m
Contract Type	Design & Build
Consortium	GS E&C, Hock Lian Seng Infrastructure Ltd (GS : HLS = 50 : 50)
Period	09. 2. 27 ~ 15. 7. 30 (77Months)
Amount	SGD 410,700,000 (GS E&C, SGD 205,350,000)

Location



2. Risk Analysis and Experience

Based on the various know-how from domestic and overseas civil engineering work, we expect to enable efficient Construction of the project. The payment and raw-material price cost risk will be hedged beforehand.

Performance	<ul style="list-style-type: none"> GS E&C constitute Joint Operation with Hock Lian Seng Infrastructure Ltd, which is one of esteemed companies for Depot constructions.
Payment	<ul style="list-style-type: none"> Advance Payment and monthly Payment No risk due to Government Finance
Material and F/X Risk	<ul style="list-style-type: none"> Local procurement provided Natural Hedge(Management cash in and out)
Etc	<ul style="list-style-type: none"> Set contingency in order to cover unexpected risks

Project Experience

Project	Scope	Period
Korea, Dongbu Depot	Design & Build	1997. 11 ~ 2005. 06 (91months)
Vietnam, Hanoi Haiphong	Design & Build	2009. 01 ~ 2011.11 (34months)
Vietnam, TBO	Design & Build	2008. 04 ~ 2012. 04 (48months)

Introduction



Area	685.4km ²
Population	484mil
Capital	Singapore
Language	English, Chinese, Malay, Tamil (Local)
Religion	Budism, Taoism(53.3%)
Sovereign Credit	AAA(S&P)
Exchange Rate	1Singapore\$=983.33.(27 th February 2009)

3. Prospects

- Singapore Land Transport Authority is scheduled to provide 6 lanes, 102km Subway Construction. These projects worth about USD23.1billion in total. This is the first project to construct Depot which is located in the start of downtown Line 2.
- In addition, there will be no risk for the payments since this project is financed by Singapore Land Transport Authority. It will contribute to increase annual revenue by 30billion won.
- GS E&C will expand its Overseas business area to Civil Engineering in Singapore. GS E&C expects that every government is interested in infrastructure in order to boost up its economy. Consequently, GS E&C will grow further in Singapore through base of close relationship with the government and Joint Operation companies. And these experiences will help GS E&C further secure extensive volume of business in Singapore.



< Kim Chuan Depot , constructed by Hock Lian Seng Infrastructure Ltd(J/O)>

Overseas Projects

Under Construction	Description	Project	Client	Project Type	Contract Amount Unit: USD	Project Period
	Vietnam	Hanoi~Haiphong	VIDIFI	Civil	175 ml	2008 – 2011
	Saudi Arabia	Manifa	Aramco	Gas	501 ml	2008 – 2011
	Tatarstan	NHR Refinery	TANECO	Refinery	*500 mil	2008 – 2011
	Kuwait	KNPC NRP	KNPC	Refinery	2 bn	2008 – 2012
	UAE	Green Diesel	Takreer	Vacuum Distillation Unit 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 – 2013
	Armenia	Yerevan Power Plant	YTPP	Power Plant	218 mil	2007 – 2010
	Oman	Salalah Methanol	SMC	Methanol	722 mil	2007 – 2010
	Thailand	HMC PP	HMC Polymers Co. Ltd.	Poly Propylene	176 mil	2007 – 2009
	Oman	Aromatics	AOL	Aromatics	1.25 bn	2006 – 2009

* Engineering portion(15billion won) is only recognised in order backlog.