# <u>Item 1.6 – Building Management Systems including Hardware and Software</u>

Please name your documents in the following numbering index:-

<u>Items</u>	Index No.			
Company profile				
- Company name, their profile and organization chart of all the related companies with the Applicant under the same holding company in accordance with the provisions in Section 13 to 15 of the Companies Ordinance (Cap. 622) of Hong Kong	1			
- Year of establishment with supporting documents including copy of Business and Company Registration	2			
- Manpower Resources (Direct Staff) for Maintenance or Installation of Building Management System	3			
- Inventory and Logistic Control (e.g. storage provision, availability of spare parts, special tools & equipment, inventory and logistic control systems, source of spare parts suppliers)	4			
Job reference in the past 10 years (based on Contract commencement date	e)			
<ul> <li>Proven job reference of maintenance or installation of Building Management System in office, commercial or residential properties</li> <li>Please provide details of client, site location, description of contract works, project commencement and completion date, location of the system (clubhouse, residential properties, commercial properties, office building), type of the system with number of DDC.</li> </ul>	5			
Technical Competence				
- Proven experience of maintenance or installation of the following Building Management System installations:	6			
<ul> <li>a) Client Server / backbone network providing real-time information to workstations on the Distribution network</li> <li>b) High-speed data transmission with peer-to-peer between System DDC controllers and workstations on local area network</li> <li>c) Software modification including LONWORKS, BACNet and Modbus network for seawater cooled chiller and air cooled chiller plant, AHU, PAU and VAV box control, ventilation fans</li> <li>d) Hardware modification for HVAC Control including Sensor, seawater cooled chiller and air cooled chiller plant, AHU, PAU and VAV box control, ventilation fans</li> <li>e) System integration with Electrical Power Distribution Monitoring (EPDM)</li> <li>f) System integration with Automatic Fire Detection System</li> <li>g) System integration with Lift &amp; Escalator System</li> <li>h) System integration with MVAC System (air cooled chillers, fresh water cooled chillers, seawater cooled chillers, AHU, PAU, VAV box, ventilation fans, pumps)</li> <li>i) System integration with Lighting Control</li> <li>j) Qualification of Registered Electrical Contractor and Workers</li> </ul>				
Quality Management				
- Copy of ISO 9001, ISO 14001 and OHSAS 18001 (if any)	7			

Safety Management				
- Safety Policy/Statement	8			
<ul> <li>Safety Management Plan (e.g. Safety organization, health and safety training, in-house safety rule and regulations, Program for inspection to hazardous condition, Emergency preparedness, job hazards analysis and control, personal protection programme, accident/dangerous occurrence investigation and reporting, emergency preparedness, safety committee, safety promotion, health assurance programme, evaluation, selection and control of sub-contractors, review of safety management system, safety audit)</li> </ul>	9			
- Safety records of past 2 years (fatal accident, reportable accident, dangerous occurrence, safety related prosecution)	10			
Prequalification Questionnaire				
- Compliance to Supplier Code of Practice	11			
- Corporate Responsibility Questionnaire	12			
- Environmental Management Questionnaire	13			



#### **Supplier Code of Practice**

This Supplier Code of Practice (the "Code") provides an ethical and behavioural framework for the Corporation's suppliers/ contractors/ consultants (herein collectively noted as Supplier) in Hong Kong and overseas. All Suppliers are required to comply with these guidelines when doing business with the Corporation. Suppliers should ensure communication with their employees for compliance with the Code.

The Corporation reserves the right, upon reasonable notice, to conduct compliance audit with Suppliers on the Code. Any violation of the Code shall be considered a material breach of the contract/order by the Supplier.

- 1 **Ethical Standards** The Supplier shall uphold ethical principles for its operation, including:
  - Compliance with all applicable laws and regulations
  - Confidentiality
  - Open and fair competition
  - Anti-bribery and corruption

#### 2 Human and Labour Rights

The Supplier shall support the principles of, the United Nations Universal Declaration of Human Rights, the International Labour Organization Declaration of Fundamental Principles and Rights at Work, the OECD Principles of Corporate Governance and the United Nations Global Compact, in the following areas:

- Child Labour
- Forced Labour
- Health and Safety
- Wages and Working Hours
- Discrimination
- Discipline
- Freedom of Association

#### 3 Supply Chain Management

The Supplier shall ensure full compliance with the Code by its own suppliers, subcontractors and other business partners.

On behalf of the management and staff, I confirm full compliance with this Supplier Code of Practice (to be signed by the Chairman, CEO, Human Resources Director or a member of Senior Management).

Signature:	Date:	
Name & Title:		
Company:		

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# Corporate Responsibility Questionnaire 企業責任問卷

Note: For Joint Venture, each partner shall complete this questionnaire separately

1	Company Information 公司資料 Company Name (English) 公司英文名稱: Company Name (Chinese) 公司中文名稱:	:					
	Business Nature 公司業務性質 Manufacturing 製造業 Trading/Agent/Distributor 貿易/代理/分銷 Services 服務業 Others (pls specify) 其他				nsultancy 顧問 rks/Maintence 괴	□程/維修	
	Total No. of Employees 總員工人數		≤50		51-99		≥100
2	Representative/Contact Person for Corp Name 姓名: Position 職位:		Responsib	ility (CoR)企業	責任代表/聯絡人 		
	Major CoR Duties 主要企業責任工作範圍:						
	Tel. No. 電話號碼:			_ Mobile No. 流	.動號碼: 		
	E-mail 電郵地址:						
3	Corporate Responsibility Policy 企業責任	- 政策					
	Does your company have a Corporate Re 貴公司有否訂立企業責任政策? 如有,請附	espons		y? (If yes pleas	e attach the polic	cy)	
	Yes 有 □		(2)(2)			No 無	
3.2	Does your company periodically review a	nd up	date the Co	rporate Respor	sibility policy?	7	
	貴公司是否有定期檢討並改進該政策?	•			,,,		
	Yes within the past year		Yes withi	n the past 2 yea	ars	No	
	在過去一年內		在過去兩			無	
3.3	Is your company a member of any global	Corpo	orate Respo	nsibility initiativ	es (e.g. Global 0	Compact)?	
	貴公司是否任何企業責任國際組織的成員	,例如	IGlobal Con	npact?			
	If yes, please specify 如有,請說明:						
	Yes 有   □					No 無	
3.4	Does your company have any Corporate	Respo	onsibility ce	rtification (e.g. S	SA8000 or AA10	000 or others	s)?
	貴公司是否有任何企業責任認證,(例如 S.	A8000	)或 AA100	0 或其他)?			
	If yes, please specify 如有,請說明:						
	Yes 有  □					No 無	
3.5	Does your company follow the ISO 26000		lelines on S	ocial Responsil	oility		
	貴公司是否有採用 ISO 26000 社會責任指	引?					
	Yes 有  □ ——					No 無	
3.6	Does your company have any Environme			e.g. ISO 14001	)?		
	貴公司是否有任何環保系統認證,例如 IS	O 140	01?				
	If yes, please specify 如有,請說明:						_
	Yes 有			,		No 無	Ш
3.7	Does your company have any Health & S	-			8001)?		
	貴公司是否有任何職業安全系統認證,(例	如 OF	ISAS 18001	1)?			
	If yes, please specify 如有,請說明:					NI- <del>/m</del>	
	Yes 有  □					No 無	

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### Corporate Responsibility Questionnaire 企業責任問卷

Noise Reduction 減少噪音

What Corporate Responsibility initiatives have your company undertaken	?			
貴公司有否推行以下企業責任項目?				
(i) Ethical Standards 道德守則				
Compliance with all applicable laws / regulations				_
遵守所有相關法律 / 規則	Yes 有		No 無	
Confidentiality (e.g. Data Protection and Privacy Policy/ System)				_
保密 (例如維護資料和私隱政策/系統)	Yes 有		No 無	
Open and fair competition 公開及公平競爭	Yes 有		No 無	
Anti-bribery and corruption Policy 反賄賂及貪污政策	Yes 有		No 無	
Code of Conduct 工作操守指引	Yes 有		No 無	
Others 其他				
Any additional information 其他補充:				
(ii) Human and Labour Rights 人權及勞工權益				
Prohibition of Child Labour 禁止使用童工	Yes 有		No 無	
Prohibition of Illegal Labour 禁止非法勞工	Yes 有		No 無	
Health and Safety Working Conditions 職業健康及安全	Yes 有		No 無	
Minimum wages and/ or Maximum working Hours	169 H		MO <del>M</del>	
最低工資及/或最高工時	Yes 有		No 無	
Non-Discrimination (e.g. Gender, Race, Colour, Religion, Age, Disability)	162 H		NO m	_
反歧視 (例如性別, 種族, 膚色, 宗教, 年齡, 殘疾)	Yes 有		No 無	
Lawful and Reasonable Discipline 合法及合理的規管	Yes 有		No 無	
•				
Freedom of Association 自由加入工會 Others 其他	Yes 有		No 無	
Any additional information 其他補充:				
(iii) Environmental Protection 環境保護				
Hazardous Substance Management Policy/ System	Yes 有		No 無	
處理有害物質政策/系統				
Waste Management Policy/ System 廢物處理政策/系統	Yes 有		No 無	
Green Procurement Policy 綠色採購政策		es 有  □	No 無	
Adopt green specifications where possible 盡量採用環保規格要求	Yes 有		No 無	
Any additional information 其他補充:				
Carbon Emission Reduction 減少碳排放量	Yes 有		No 無	
Energy Conservation 節約能源	Yes 有		No 無	
Water Conservation 節約水源	Yes 有		No 無	
Waste Reduction 減少浪費	Yes 有		No 無	
Noise Reduction 減少噪音	Yes 有		No 無	



# Corporate Responsibility Questionnaire 企業責任問卷

	<u>(iv) Consumer Protection 消費者保障</u>				
	Adopt UN Guidelines for Consumer Protection				
	採納聯合國消費者保障指引	Yes 有			No 無
	Aviod Hazardous Products (e.g. Restriction of hazardous substances)				
	避免採用有害物質 (例如電氣、電子設備中限制使用某些有害物質指令)				
		Yes 有			No 無
	Protecting Consumers Health and Safety (E.g. Safety Guidelines)				
	保障 <b>消費者</b> 健康和安全 (例如安全指引)	Yes 有			No 無
	Consumer Dispute Resolution (e.g. ISO 10001, ISO10002, ISO10003)				
	解決與消費者爭議的方法	Yes 有			No 無
	Others 其他				
	Any additional information 其他補充:				
	(v) Supply Chain Management 供應鏈管理				
	Ensure full compliance with MTR's Supplier Code of Practice by your com		_		4
	subcontractors and other business partners	Yes 有			No 無[
	確保貴公司的供應商,分判商以及其他商業伙伴遵守港鐵的供應商行為守則				
	If yes, please briefly describe how your company ensure the compliance of	of supply ch	ain:		
	加有一套鹤吹铃的号入司机何確促从雁绮道空上求行为空间:				
	如有,請簡略說明貴公司如何確保供應鏈遵守上述行為守則:				
	<b>州市,明间町成竹貝 Δ 刊州 IP 唯</b> 不				
	如何,ள்ளள்ளற்த த பின்பெள் இத்த பி உற்பி அப்பி அப	res? (If yes	please	attach	
3.9		res? (If yes	please	attach	
3.9	Does your company have any Corporate Responsibility targets or objectiv	res? (If yes	please	attach	
3.9	Does your company have any Corporate Responsibility targets or objectiv relevant document)	res? (If yes	please	attach No 無	
3.9	Does your company have any Corporate Responsibility targets or objectiv relevant document) 貴公司有否訂下企業責任目標? 如有,請附上相關資料。	res? (If yes	please		
3.9 <b>4</b> 4.1	Does your company have any Corporate Responsibility targets or objectiv relevant document) 貴公司有否訂下企業責任目標? 如有,請附上相關資料。 Yes 有  □			No 無	
3.9 4.1	Does your company have any Corporate Responsibility targets or objectiv relevant document) 貴公司有否訂下企業責任目標? 如有,請附上相關資料。 Yes 有  Monitoring System 監管機制  Does your company have any system for monitoring supply chain's compl			No 無	
3.9 4.1	Does your company have any Corporate Responsibility targets or objective relevant document) 貴公司有否訂下企業責任目標?如有,請附上相關資料。 Yes 有  Monitoring System 監管機制 Does your company have any system for monitoring supply chain's complet			No 無	
3.9 <b>4</b> 4.1	Does your company have any Corporate Responsibility targets or objective relevant document) 貴公司有否訂下企業責任目標?如有,請附上相關資料。 Yes 有  Monitoring System 監管機制 Does your company have any system for monitoring supply chain's completargets? 貴公司有否設置監管機制以確保供應鏈達致以上企業責任目標?	liance to the	e above	No 無	
3.9 <b>4</b> 4.1	Does your company have any Corporate Responsibility targets or objective relevant document) 貴公司有否訂下企業責任目標?如有,請附上相關資料。 Yes有  Monitoring System 監管機制  Does your company have any system for monitoring supply chain's completargets? 貴公司有否設置監管機制以確保供應鏈達致以上企業責任目標? Yes有  Ulf yes, please attach relevant document or specify below 如有,請附上相關	liance to the l資料或在此	e above	No 無	
3.9 <b>4</b> 4.1	Does your company have any Corporate Responsibility targets or objective relevant document) 貴公司有否訂下企業責任目標?如有,請附上相關資料。 Yes 有  Monitoring System 監管機制 Does your company have any system for monitoring supply chain's completargets? 貴公司有否設置監管機制以確保供應鏈達致以上企業責任目標? Yes 有  If yes, please attach relevant document or specify below 如有,請附上相關 Does your company have any policy and procedures to avoid conflict of in	liance to the	e above	No 無	
3.9 4.4.1	Does your company have any Corporate Responsibility targets or objective relevant document) 貴公司有否訂下企業責任目標?如有,請附上相關資料。 Yes 有  Monitoring System 監管機制  Does your company have any system for monitoring supply chain's completargets? 貴公司有否設置監管機制以確保供應鏈達致以上企業責任目標? Yes 有  If yes, please attach relevant document or specify below 如有,請附上相關  Does your company have any policy and procedures to avoid conflict of in your business activities?	liance to the	e above	No 無	
3.9 4.4.1	Does your company have any Corporate Responsibility targets or objective relevant document) 貴公司有否訂下企業責任目標?如有,請附上相關資料。 Yes 有  Monitoring System 監管機制 Does your company have any system for monitoring supply chain's completargets? 貴公司有否設置監管機制以確保供應鏈達致以上企業責任目標? Yes 有  If yes, please attach relevant document or specify below 如有,請附上相關 Does your company have any policy and procedures to avoid conflict of in	liance to the	e above	No 無	
3.9 4.4.1	Does your company have any Corporate Responsibility targets or objective relevant document) 貴公司有否訂下企業責任目標?如有,請附上相關資料。 Yes 有  Monitoring System 監管機制  Does your company have any system for monitoring supply chain's completargets? 貴公司有否設置監管機制以確保供應鏈達致以上企業責任目標? Yes 有  If yes, please attach relevant document or specify below 如有,請附上相關  Does your company have any policy and procedures to avoid conflict of in your business activities?	liance to the	e above	No 無	

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# Corporate Responsibility Questionnaire 企業責任問卷

4.3	4.3 Please declare any potential conflict of interests with regard to your existing customers in competition with the Corporation's businesses. 請申報任何與本公司的業務上有潛在利益衝突和競爭的現有客戶資料。			
4.4	Please confirm that you will declare any conflict of interest for competition with the Corporation's businesses. 請確認貴公司會繼續申報任何與本公司的業務上有潛在利益衝Yes 確認		No 不確認	
	Authorized Signature 公司認可簽署 Name 姓名: Title 職銜:	Date 日期		



# ENVIRONMENTAL MANAGEMENT QUESTIONNAIRE (2003)

1.	1. Does your company have a	Does your company have an environmental policy?			
	o Yes o No				
	(Please attach a copy if yes				
2.	2. Is there an appointed personatters?	n in your company with responsibility for environmental			
	o Yes o No				
	Please identify that person				
3.	3. What level of authority do	es this person have? What are his/her duties?			
	o Board level	o Department level o Part-time			
	Main Duties:				
4.	4. Does the product/services	contain any hazardous materials?			
	o Yes o No				
	Please specify:				
5.	5. Are there any special dispo	osal requirements required?			
	o Yes o No				
	Please specify:				
6.	6. Do you consider energy us	e in the design and use of your product/service?			
	o Yes o No				
	Please specify:				
7.	7. Do you have a programme performance?	for monitoring your current level of environmental			
	o Yes o No				
	Please specify:				



8.	•	•	vement? Over what timescale?
	o Yes	o No	
	Please specify t	he timescale:	
9.	Do you offer a	take back service for	end of life equipment
	o Yes	o No	
	Please specify:		
10.		ental licences and rec es your company hold	eords (e.g. waste, noise surveys, air emissions, liquid?
11.	What environm		our company undertaken (e.g. waste recycling, green
12.	Have there been the last 3 years?	•	gulations or complaints on environmental issues in
13.	Are you aware	of MTR's environmen	ntal policy?
	o Yes	o No	
14.	Any comments	and suggestions:	
Sig	nature:		Company Name:
NI	ma and Titla		Deter