Repair and Alteration (R&A) - Construction Contracts

R&A TASK: ENVIRONMENTAL PROCEDURES:	Asbestos Removal	Boiler	Carpeting / Flooring	Chiller	Concrete	Drains	Drywall	Electric	Elevators	HVAC / Refrigeration	nfrastructure	Painting	Paving (Roads / Parking Lots)	Plumbing	Roofing ⁽⁷⁾
Webpage (1): AIR EMISSIONS															
Asbestos Management (2)	\(\psi\	\(\Delta\)	☼				\(\Delta\)	\(\Delta\)		₩				\(\Delta\)	\(\Delta\)
Boiler Emissions		☆								☆					
Chiller Emissions				\(\)						✡					
Indoor Air Quality (IAQ) Program															
Webpage: CHEMICAL HANDLING, ST	TORA		DISPO						T						
Chemical Storage & Disposal		\(\Delta\)		\(\)		\(\)				\(\Delta\)		\(\)			\(\Delta\)
DFC 90-day Storage Area- HazWaste Spill Response (3)	\(\Delta\)	\(\times \)	₩	₩			\(\psi\)	₩	\(\times \)	₩	₩	\(\times \)			\(\psi\)
Grounds Maintenance-Chemical Usage						\Diamond							*		
HazWaste Management		\Rightarrow	\(\Delta\)	\(\)	\Rightarrow	\Rightarrow		\Rightarrow	\Rightarrow	\Rightarrow		\Rightarrow	\Rightarrow	\Diamond	\(\Delta\)
Spill & Emergency response	\(\)	\(\Delta\)	✡	\(\)	\(\Delta\)	\(\Delta\)	\(\)	\(\)	\(\Delta\)	\(\bar{\pi}\)	\(\Delta\)	\(\Delta\)	\Rightarrow	\(\)	\(\Delta\)
Webpage: CONSTRUCTION AND DE	MOL	TION	WAST	<u>E</u>	1		1				1				
Construction & Demo Waste Management	₩	\(\times \)	₩	₩	\(\)	\(\)	☼	₩	\(\times \)	\(\tau \)	\(\times \)	\(\times \)	\(\psi\)	\(\)	\(\psi\)
Pre-Demolition Inspection (4)	\(\)	\(\Delta\)	\(\bar{\pi}\)	\(\)	\(\Delta\)	\(\Delta\)	\(\Delta\)	\(\)	\(\Delta\)	\(\Delta\)		\(\Delta\)		\(\)	\(\Delta\)
Webpage: ENERGY CONSERVATION					T		T				T				
Building Energy and Water Use		*		₩				₩	*	\(\psi\					*
Metering (Energy & Water)		\(\Delta\)		\(\Delta\)				\(\Delta\)		\rightarrow				\(\)	
Webpage: GREEN PURCHASING															
Green Purchasing		\(\Delta\)	\(\bar{\pi}\)	\(\)	\(\Delta\)		\(\Delta\)	\(\(\)	\(\Delta\)	\(\bar{\pi}\)		\(\Delta\)	\(\Delta\)	\(\tau \)	\(\Delta\)
Webpage: <u>SITE SELECTION & PROPE</u>	RTY	EVAL	<u>UATIO</u>	<u>N</u>											
Due Diligence															
Historic Preservation 106															
NEPA															
Site Selection															
Webpage: SOIL DISTURBING ACTIVE	TIES	& SIT	E REM	EDIA	TION										
DFC DataBase Management System															
DFC Excavation Permit (5)					☼	\(\Delta\)					☼			\(\Delta\)	
Fugitive Dust Management											☼		\Diamond		
Site Remediation															



ENVIRONMENTAL PROCEDURES

Region 8 Sustainability and Environmental Management System

R&A TASK: ENVIRONMENTAL PROCEDURES:	Asbestos Removal	Boiler	Carpeting / Flooring	Chiller	Concrete	Drains	Drywall	Electric	Elevators	HVAC / Refrigeration	Infrastructure	Painting	Paving (Roads / Parking Lots)	Plumbing	Roofing ⁽⁷⁾
Webpage: STORMWATER & WETLA	NDS														
Stormwater Management						\(\Delta\)					\(\Delta\)		₩		
Wetlands and Streams	\Rightarrow					\Rightarrow					\(\psi\)		\Rightarrow		
Webpage: SUSTAINABILITY MEASU	RES, I	MPLE	MENT	ATIO	N & 0	CERTI	FICA	<u>FION</u>							
Sustainability & HPGB		\Diamond	₩	₩			\Leftrightarrow	\Diamond	₩	\rightarrow	\Diamond	\Diamond		₩	\(\bar{\pi}\)
Webpage: WASTE REDUCTION & RE	CYCL	<u>ING</u>													
Facility Solid Waste Management (6)															
Recycling & Universal Waste		\(\Delta\)	\Rightarrow	\(\Delta\)	\(\Delta\)		\(\)	\(\)		\rightarrow		\rightarrow	₩		\(\Delta\)
Webpage: WATER MANAGEMENT 8	& PRO	OTECT	ION												
Building Energy and Water Use															
Cross-Connection & Backflow Prevention		₩		\(\)										☆	
Drinking Water-Lead Testing														\rightarrow	
Grounds Maintenance-Water Use						\(\Delta\)					\(\)			\(\Delta\)	
Indoor Water Intrusion	\	\\\	\Rightarrow	\(\Delta\)	\	\(\Delta\)	\Rightarrow	\(\)	\rightarrow	\rightarrow		\(\Delta\)		\(\Delta\)	
Metering (Energy & Water)															
Sanitary Sewer Discharge		\\\		\(\Delta\)		\Rightarrow						\Rightarrow			

NOTES: (Crelevant procedure for the appropriate Statement or Scope of Work)

- (1) Webpage refers to the page associated with the <u>gsa.gov/sems</u> web site.
- (2) Asbestos Management may only require Asbestos Awareness training.
- (3) 90-Day Storage Area: Old construction material being demoed may contain hazardous materials (e.g. dry wall: asbestos, paint: lead, electrical: PCB ballasts)
- (4) Pre-Demolition is conducted by the GSA PM, report of findings given to contractor.
- (5) Electrical projects outdoors may require excavations and therefore a dig permit.
- (6) Facility Solid Waste Management pertains to the removal of trash from office areas.

Infrastructure, non-surface features.

(7) Roofing: Old roofing may contain asbestos and the flange or trim may contain heavy metals.

REMOVED:

Building Design & Specifications - Energy Use, replaced with Building Energy and Water Use PCB Management merged into Hazardous Waste Management

Rev: March 27, 2014

Service Contracts

SERVICE: ENVIRONMENTAL PROCEDURES:	Custodial / Janitorial	Elevator Maintenance	Environmental ⁽²⁾	Fire Protection	Grounds Maintenance ⁽³⁾	High Voltage	Locksmith	Operation and Maintenance	Pest Control	Pipeline Repair	Property Eval & Site Selection	Snow Removal	Trash Removal
Webpage (1): <u>AIR EMISSIONS</u>													
Asbestos Management	\(\bar{\pi}\)	☆	\(\Delta\)	\(\)	\(\bar{\pi}\)	\(\Delta\)	\(\Delta\)	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		\(\)			
Boiler Emissions								\(\Delta\)					
Chiller Emissions								₩					
Indoor Air Quality (IAQ) Program													
Webpage: CHEMICAL HANDLING, ST		E, & DI		<u>AL</u>			ı						
Chemical Storage & Disposal	\(\Delta\)		\(\Delta\)		\(\Delta\)			\(\Delta\)	\(\)			\(\Delta\)	
DFC 90-day Storage Area- HazWaste Spill Response			\(\)					₩					
Grounds Maintenance-Chemical Usage			\(\tau \)		☼				₩			\(\Delta\)	
HazWaste Management	\(\Delta\)	☼	\(\Delta\)		\rightarrow	\(\Delta\)		\(\Delta\)	\(\)				
Spill & Emergency response	\(\Delta\)	₩	\(\Delta\)		\(\Delta\)			\(\Delta\)	\(\)				\(\Delta\)
Webpage: CONSTRUCTION AND DE	MOLIT	ION W	ASTE										
Construction & Demo Waste Management			ф					₩		\Diamond			
Pre-Demolition Inspection		☼											
Webpage: ENERGY CONSERVATION													
Building Energy and Water Use													
Metering (Energy & Water)								\(\Delta\)					
Webpage: GREEN PURCHASING													
Green Purchasing	\(\Delta\)	☼	\(\Delta\)	 	\(\Delta\)	⇔	\(\Delta\)	\(\Delta\)	\(\Delta\)	 		\(\beta\)	\(\Delta\)
Webpage: SITE SELECTION & PROPE	RTY E	/ALUA	<u> </u>										
Due Diligence											☆		
Historic Preservation 106											ф ф ф		
NEPA											\(\Delta\)		
Site Selection											☆		
Webpage: SOIL DISTURBING ACTIVE	TIES &	SITE R	EMED	IATIO	<u>ON</u>								
DFC DataBase Management System			\(\times \)										
DFC Excavation Permit					\(\psi\)	\(\)				\(\Delta\)			
Fugitive Dust Management			\(\)		\(\Delta\)	\(\)				₩			
Site Remediation			\(\Phi \)										
Webpage: STORMWATER & WETLA	NDS												



ENVIRONMENTAL PROCEDURES

Region 8 Sustainability and Environmental Management System

SERVICE: ENVIRONMENTAL PROCEDURES:	Custodial / Janitorial	Elevator Maintenance	Environmental ⁽²⁾	Fire Protection	Grounds Maintenance ⁽³⁾	High Voltage	Locksmith	Operation and Maintenance	Pest Control	Pipeline Repair	Property Eval & Site Selection	Snow Removal	Trash Removal
Stormwater Management			\Rightarrow		\(\phi\)	\Rightarrow		\(\Delta\)	\Diamond	\Rightarrow		\Rightarrow	
Wetlands and Streams			\(\Delta\)		\(\phi\)						\(\psi\)		
Webpage: SUSTAINABILITY MEASURES, IMPLEMENTATION & CERTIFICATION													
Sustainability & HPGB	\(\Delta\)	\(\Delta\)	\(\Delta\)	\(\)	\			\(\Delta\)		\(\Delta\)			
Webpage: WASTE REDUCTION & RE	CYCLIN	<u>IG</u>											
Facility Solid Waste Management	\(\Delta\)												\(\Delta\)
Recycling & Universal Waste	\(\Delta\)		\(\Delta\)		\	\(\)	☆	₩					\(\Delta\)
Webpage: WATER MANAGEMENT 8	R PROT	ECTIO	<u>N</u>										
Building Energy and Water Use													
Cross-Connection & Backflow Prevention				\(\partial\)				☼					
Drinking Water-Lead Testing													
Grounds Maintenance-Water Use					*								
Indoor Water Intrusion	\(\Delta\)	☼	\(\Delta\)	\Rightarrow		\(\Delta\)	\Rightarrow	☆	\Diamond	\Rightarrow			
Metering (Energy & Water)					*			☼					
Sanitary Sewer Discharge	*		\Rightarrow					\Rightarrow	ф	\Rightarrow			

NOTES: (Crelevant procedure for the appropriate Statement or Scope of Work)

- (1) Webpage refers to the page associated with the gsa.gov/sems web site
- (2) Environmental pertains to investigative and cleanup (remediation) work
- (3) Grounds Maintenance: Landscaping, sprinkler repair

REMOVED:

Building Design & Specifications - Energy Use, replaced with Building Energy and Water Use PCB Management merged into Hazardous Waste Management