China Contaminated Site Management Project Procurement Plan March 2015

The procurement plan will cover the whole period of the project implementation. The PMU shall update the procurement plan throughout the duration of the project at least annually by including contracts previously awarded. All procurement plans, their updates or modifications shall be subject to Bank's prior review and no objection before implementation.

I. General

1. **Project information: Country:** China

Borrower: The People's Republic of China

Project Name: China Contaminated Site Management Project

Loan No: P145533

Project Implementation Agency (PIA): Foreign Economic Cooperation Office of MEP,

Chongqing PMU and Liaoning PMU

- 2. **Bank's approval Date of the procurement Plan** [Original: March 10, 2015; Revision 1:...]
- 3. Date of General Procurement Notice:
- 4. Period covered by this procurement plan: April 2015- December 2016

II. Goods and Works and Non-consulting services.

1. Prior Review Threshold: Procurement Decisions subject to Prior Review by the Bank as stated in Appendix 1 to the Guidelines for Procurement:

Expenditure Category	Contract Value (US\$)	Bank Prior Review	
	>=10 million	ICB	All ICB contracts
Goods/IT Systems and Non- Consulting Services	>=500k - < 10 million	NCB Remarks: Where goods are not normally available from within China, the method of procurement will be ICB even if the contract value is less than USD 10 million.	of value and all contracts >= USD
	< 500 K	Shopping	None
	N/A	DC	All contracts >= USD 200k.
Works/	>=40 million	ICB	All ICB contracts

1

Supply & Installation	>=500k - < 40 million	NCB	First NCB works contract by each PMU irrespective of value and all contracts >= USD 15 million.	
	< 500 K	Shopping	None	
	N/A	DC	All contracts >= USD 200k.	
Notes:	ICB: International Compet NCB: National Competitiv DC: Direct Contracting NA: Not Applicable	C		

- **2. Prequalification**. Bidders for all ICB works contracts shall be prequalified in accordance with the provisions of paragraphs 2.9 and 2.10 of the Guidelines.
- 3. Proposed Procedures for CDD Components (as per paragraph. 3.19 of the Guidelines: NA.
- 4. Reference to (if any) Project Operational/Procurement Manual: The PMU has prepared a procurement management manual, which has been reviewed by the Bank.
- **5. Any Other Special Procurement Arrangements**: Retroactive financing will be agreed under this project. All advance contracts are subject to Bank's prior review. Payments will be made only for contracts procured in accordance with applicable Bank procurement procedures.

6. Procurement Packages with Methods and Time Schedule

2	3	4	5	6	7	8	9	10	11
Category	Contract (Description)	Estimated Cost (USD 1,000)	Estimated Cost (CNY 1, 000)	Procurem ent Method	Prequali fication (yes/no)	Domestic Preference (yes/no)	Review by Bank (Prior / Post)	Expected Bid- Opening Date	Contract Period (Months
National level	I								
Non- consulting Service	Development, operation and maintenance of on-line course system	300	1800	shopping	no	no	post	2016.07	7
ngqing PMU									
Goods	Soil heavy metal rapid detecting instrument	60	380	shopping	no	no	post	2015.09	5
Goods	Soil organic components rapid detecting instrument	50	300	shopping	no	no	post	2015.09	5
Goods	Water and underground water heavy metal rapid detecting instrument	50	300		no	no	post	2015.09	5
Goods	Rapid solvent extraction instrument	120	750	shopping	no	no	post	2015.08	6
Goods	Organic sample concentrator	72	450	shopping	no	no	post	2016.05	5
Goods	Low temperature drying apparatus	8	50	shopping	no	no	post	2016.08	5
Non- consulting Service	Ganshui site remediation	200	1220	shopping	no	no	prior	2015.09	36
	Category National leve Non- consulting Service ngqing PMU Goods Goods Goods Goods Goods Non- consulting	Category Contract (Description) National level Non- consulting Service Development, operation and maintenance of on-line course system ngqing PMU Goods Soil heavy metal rapid detecting instrument Goods Soil organic components rapid detecting instrument Goods Water and underground water heavy metal rapid detecting instrument Goods Rapid solvent extraction instrument Goods Organic sample concentrator Goods Low temperature drying apparatus Non- consulting Ganshui site remediation	Category Contract (Description) National level Non- consulting Service Development, operation and maintenance of on-line course system Today Soil heavy metal rapid detecting instrument Goods Soil organic components rapid detecting instrument Soil organic romponents rapid detecting instrument Goods Water and underground water heavy metal rapid detecting instrument Soil organic sample concentrator Goods Coods Coods	Category Contract (Description) Estimated Cost (USD 1,000) Estimated Cost (CNY 1,000) National level Non-consulting Service Development, operation and maintenance of on-line course system 300 1800 Goods Soil heavy metal rapid detecting instrument 60 380 Goods Soil organic components rapid detecting instrument 50 300 Goods Water and underground water heavy metal rapid detecting instrument 50 300 Goods Rapid solvent extraction instrument 120 750 Goods Organic sample concentrator 72 450 Goods Low temperature drying apparatus 8 50 Non-consulting Ganshui site remediation 200 1220	Category (Description) Contract (Description) National level Non- consulting Service Development, operation and maintenance of on-line course system Development, operation and maintenance of on-line course system Soil heavy metal rapid detecting instrument Goods Soil organic components rapid detecting instrument Soil organic sample concentrator Soil organic sample concentrator Total Rapid Solvent extraction instrument Soil organic sample concentrator Total Rapid Solvent extraction instrument Soil organic sample concentrator Total Rapid Solvent extraction instrument Soil organic sample concentrator Total Rapid Solvent extraction instrument Soil organic sample concentrator Total Rapid Solvent extraction instrument Soil organic sample concentrator Total Rapid Solvent extraction instrument Soil organic sample concentrator Total Rapid Solvent extraction instrument Soil organic sample concentrator Total Rapid Solvent extraction instrument Soil organic sample concentrator Total Rapid Solvent extraction instrument Soil organic sample concentrator Total Rapid Solvent extraction instrument Soil organic sample concentrator Total Rapid Solvent extraction instrument Soil organic sample concentrator Total Rapid Solvent extraction instrument Soil organic sample concentrator Total Rapid Solvent extraction instrument Soil organic sample concentrator Total Rapid Solvent extraction instrument Soil organic sample concentrator Total Rapid Solvent extraction instrument Soil organic sample concentrator Total Rapid Solvent extraction instrument Soil organic sample concentrator Total R	Category Contract (Description) Cost (USD 1,000) Rational level Development, operation and maintenance of on-line course system Development, operation and maintenance of on-line course system Development, operation and maintenance of on-line course system Soil heavy metal rapid detecting instrument Goods Soil organic components rapid detecting instrument Soil organic components rapid detecting instrument Soil organic ample detecting instrument Soil organic components rapid detecting instrument Soil organic ample detecting instrument Soil organic ample concentrator Goods Coods Coods	Category (Description) Contract (Description) Rational level Non- consulting Service Soil heavy metal rapid detecting instrument Goods Goods Rapid solvent extraction instrument Goods Rapid solvent extraction instrument Goods Coods Cood	Category Contract (Description) Cost (USD 1,000) Review by Bank (Prior / Post) National level Non-consulting Service Soil heavy metal rapid detecting instrument Goods Goods Water and underground water heavy metal rapid detecting instrument Goods Rapid solvent extraction instrument Goods Coods Coo	Category Contract (Description) Cost (USD 1,000) Rapid Soli heavy metal rapid detecting instrument Goods Water and underground water heavy metal rapid detecting instrument Goods Goods

1	2	3	4	5	6	7	8	9	10	11
Ref. No.	Category	Contract (Description)	Estimated Cost (USD 1,000)	Estimated Cost (CNY 1, 000)	Procurem ent Method	Prequali fication (yes/no)	Domestic Preference (yes/no)	Review by Bank (Prior / Post)	Expected Bid- Opening Date	Contract Period (Months
NCL-1	Non- consulting Service	Remediation technology pilot for Northeast Pharmacy Group (NPG) site	600	3660	NCB	no	no	prior	2016.05	15
NCL-2	Non- consulting Service	Remediation technology pilot for Shenyang Chemical Plant (SCP) site	600	3660	NCB	no	no	post	2016.11	15
NCL-3	Non- consulting Service	Brochures and posters	10	60	shopping	no	no	post	2016.02	5
Total			2,070	12,630						

III. Selection of Consultants

1. Prior Review Threshold: Selection decisions subject to Prior Review by Bank as stated in Appendix 1 to the Guidelines Selection and Employment of Consultants:

Expenditure	Contract Value	Selection	Bank Prior Review
Category	(US\$)	Method	
	>= 300,000	QCBS, QBS	Firms: First contract for each
	< 200,000	QCBS, QBS,	selection method and all contracts
	< 300,000	CQS	>=USD 1 million;
	N/A	SSS	Firms: All SSS contracts >= USD
	IV/A		100 K;
Consultants			Individual Consultant: Only in
	N/A	IC	Exceptional Cases;
			SSS for individual consultant:
			>=USD 50 K
			All terms of references (TOR) will
			be reviewed by the Bank Task

	Team	regardless	of	the	contract
	value				

Notes: QCBS: Quality- and Cost-Based Selection

QBS: Quality-Based Selection

CQS: Selection Based on the Consultants' Qualifications

SSS: Single-Source Selection

IC: Individual Consultant selection procedure

NA: Not Applicable

- **2. Short list comprising entirely of national consultants**: Short list of consultants for services, estimated to cost less than USD500,000 equivalent per contract, may comprise entirely of national consultants in accordance with the provisions of paragraph 2.7 of the Consultant Guidelines.
- **3. Any Other Special Selection Arrangements:** Retroactive financing will be agreed under this project. All advance contracts are subject to Bank's prior review. Payments will be made only for contracts procured in accordance with applicable Bank procurement procedures.

4. Consultancy Assignments with Selection Methods and Time Schedule

1	2	3	4	5	6	7	8
Ref. No.	Description of Assignment	Estimated Cost (USD 1,000)	Estimated Cost (CNY 1,000)	Selection Method	Review by Bank (Prior / Post)	Expected Proposals Submission Date	Contract Duration (months)
Nationa	l Level						
CN-1	Guidelines and training materials for soil pollution prevention: development of General Guideline for establishment of ESMS, general guideline for prevention and control of environmental pollution during industrial enterprise relocation, and ESMS training materials for classroom and on-line training	200	1220	CQS	post	2016.08	15
CN-2	Guidelines and training materials for cleanup process: environment and social management plan and post assessment: development of technical guideline for long-term risk assessment after site	200	1220	CQS	post	2015.07	15

	cleanup, technical guideline for environmental and						
	social management plan, and environmental						
	management and social plan training materials for classroom and on-line training						
CN-3	Policy recommendations: information disclosure and	250	1520	CQS	prior	2015.07	15
CIV-3	public participation on prevention and control of	230	1320	CQS	prior	2013.07	
	contaminated sites, policy recommendation for risk-						
	based contaminated site management.						
CN-4	Development of classroom and on-line training	60	360	IC	post	2015.08	12
	materials for governmental officials						
CN-5	Study on Financing Mechanisms for Cleanup of	60	360	CQS	post	2016.11	6
	Contaminated Sites						
CN-6	Development of technical guideline for site	200	1220	CQS	post	2015.09	17
	remediation engineering design and technical						
	guidelines for remediation treatability studies						
CN-7	videos for project publicity and recording the whole	50	300	CQS	post	2016.04	18
CNIO	process of demonstration site cleanup	200	1220	gog		2017.00	10
CN-8	POPs contaminated site national database design	200	1220	CQS	post	2015.08	12
CN-9	POPs contaminated site preliminary investigation	400	2440	QCBS	prior	2016.06	36
CN-10	Prevention and Control of Agricultural Land	300	1800	CQS	post	2015.06	12
CN-11	Contamination	300	1000	COC		2015.06	20
CN-11	international consulting firm to provide technical support to FECO and two PMUs	300	1800	CQS	prior	2015.06	20
CN-12	National technical expert on -site pollution	80	480	IC	nost	2015.07	19
CIV-12	prevention and site cleanup	80	460	ic	post	2013.07	19
CN-13	Project management administrator	90	360	IC	post	2015.06	20
011 10	Sub-total	2,390	14300	10	Post	2013.00	20
Liaoning		_,c>	11000				
	,						
CL-1	Administrative Measures for Environmental	80	480	CQS	post	2015.12	24
	Remediation of Contaminated Sites in Liaoning						
CL-2	Environmental Risk Screening Levels for	80	480	CQS	post	2015.11	24
	Contaminated Sites in Liaoning						
CL-3	Development of technical Guidelines for Acceptance	130	790	CQS	post	2015.08	24
	of Contaminated Site Remediation Engineering in						
	Liaoning, and Technical Guidelines for Pollution						
	Control during Move-out of Pollution Industries in						
OT 4	Liaoning	0.0	550	GOG		2016.02	40
CL-4	Videos for two sites cleanup process	90	550	CQS	post	2016.02	48

CL-5	POPs site environmental investigation in Liaoning	320	1950	QCBS	post	2016.02	36
CL-6	Technical Expert on policy recommendation and guidelines, site cleanup and pollution prevention	40	240	IC	post	2015.05	20
CL-7	Procurement agent	40	240	CQS	prior	2015.04	20
CL-8	Daily project management administrator	50	300	IC	post	2015.05	20
CL-9	Investigation, risk evaluation, remediation plan of the Northeast Pharmacy Group (NPG) site	550	3350	QCBS	prior	2015.08	12
CL-10	EA and EMP report for the NPG site: review the EA report, complete social assessment, EMP and public consultation and information disclosure.	100	610	CQS	post	2016.11	8
CL-11	Engineering and environmental supervision of the NPG site remediation	200	1770	CQS	post	2016.11	25
CL-12	Investigation, risk evaluation, remediation plan of the Shenyang Chemical Plant (SCP) site, including preparation of environment management plan for Move- out of Pollution Industries	650	3970	QCBS	post	2015.12	12
	Subtotal	2,330	14,730				
Chongqi	ng PMU				•		
CC-1	Engineering and environmental Supervision for the remediation of Ganshui site	90	550	CQS	post	2015.09	24
CC-2	Feasibility study and technology screening for the remediation knowledge and treatment center in Chongqing	350	2130	QCBS	prior	2016.06	36
CC-3	Financing Mechanism Study for cleanup of contaminated sites in Chongqing, including the benefit assessment and case study about financing	50	300	CQS	post	2016.03	36
CC-4	Study on Public Participation Mechanisms for Cleanup of Contaminated Sites in Chongqing	50	300	CQS	post	2016.03	36
CC-5	The soil and underground water pollution level and risk analysis in Changshou IP	250	1520	CQS	post	2015.07	24
CC-6	The soil and underground water pollution risk trend mechanism and warning indicator research of the IP	270	1670	CQS	prior	2015.07	36
CC-7	Risk management- development of soil and groundwater contamination incident early-warning system, emergency response system, and treatment system	180	1110	CQS	post	2015.07	48
CC-8	Technical Expert on the development of policy	20	120	IC	post	2015.05	20

	recommendation and guidelines						
CC-9	Technical Expert on site cleanup and pollution	20	120	IC	post	2015.05	20
	prevention						
CC-10	Daily project management administrator	50	300	IC	post	2015.05	20
	Subtotal	1,330	8,120				
Total		6,050	37,150				

Note: The selection method for Contract No.: CN-3 will be further discussed with the Bank during the project implementation.