

## Ningbo Municipal Solid Waste Minimization and Recycling Project Procurement Plan

### I. General

#### 1. Project Information

Country: China

Borrower: The People's Republic of China

Project Name: Ningbo Municipal Solid Waste Minimization and Recycling Project

Project ID: P123323

Project Implementing Agency: Ningbo Domestic Solid Waste Separation Project Management Office (SWPMO)

**2. Bank's Approval Date of the Procurement Plan:** March 11, 2013; 1st Revision: July 31, 2013; 2nd Revision: October 30, 2013

**3. Date of General Procurement Notice:** March 21, 2013

**4. Period Covered by this Procurement Plan:** October 2013-2014

### II. Procurement of Works, Goods and Selection of Consultants

#### 1. Procurement Method and Prior Review Threshold:

Expenditure Category	Procurement Threshold (US\$ thousands)	Procurement Method	Prior Review Threshold ((US\$ thousands)
1. Civil Works	$\geq 25,000$	ICB	All
	$< 25,000$	NCB	All contracts $\geq 15,000$ and first 2 NCB works contracts by each PIU irrespective of value
	$< 200$	Shopping	N/A
2. Goods & Non-Consulting Services	$\geq 3,000$	ICB	All
	$< 3,000$	NCB	All contracts $\geq 3,000$ and first 2 NCB goods contracts by each PIU irrespective of value
	$< 100$	Shopping	N/A
	$\geq 300$	QCBS/QBS	All contracts $\geq 300$ and first contract for each selection method
	$< 300$	CQ	

3. Consultants Services		Individual consultants Single source selection (firm and individual)	Only in exceptional cases e.g. long term TA All single source contracts for firm and contracts $\geq 20$ for individual
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Note: 1). Foreign Exchange Rate: 1USD=6.2 CNY

2. ) Short List Comprising Entirely of National Consultants: Short list of consultants for services, estimated to cost less US\$500,000 equivalent per contract, may comprise entirely of national consultants in accordance with the provisions of Para. 2.7 of the Consultants

**2. Procurement of Works**  
**Ningbo Municipal Solid Waste Minimization and Recycling Project**

Contract NO.	Name of Contract	Description of Works	Cost Estimate		Procurement Method	Bank Review (Prior/Post)	Expected Date of Invitation to Bid (dd/mm/y)	Expected Date of Bid Opening (dd/mm/y)	Expected Date of Contract Signing (dd/mm/y)	Expected Starting Date of Contract (dd/mm/y)	Expected Construction Duration (months)
			RMB 10 thousands	US\$ thousands							
<b>2. Procurement of works</b>											
NBFL-G-1	Dongqian Lake solid waste transfer station	Construction of solid waste transfer station (capacity of 220t/d, construction area of 1488m <sup>2</sup> )	2,626	4,235	NCB	Prior	1/6/2014	1/8/2014	1/10/2014	1/12/2014	12
NBFL-G-2	Jiangbei District solid waste transfer station(including sorting center)	Construction of solid waste transfer station (transfer capacity of 790t/d, sorting capacity of 150t/d; construction area of 9007 m <sup>2</sup> , including underground area of 3443 m <sup>2</sup> )	11,524	18,587	NCB	Prior	1/10/2014	1/1/2015	1/3/2015	1/5/2015	7
NBFL-G-3	Zhenhai District solid waste transfer station	Construction of solid waste transfer station (capacity of 750t/d, construction area of 5582 m <sup>2</sup> )	5,931	9,566	NCB	Post	1/12/2014	1/2/2015	1/4/2015	1/6/2015	6
NBFL-G-4	Ningbo kitchen food waste treatment plant	Design, Build, Supply, Installation and operation of Kitchen Food Waste Treatment Plant (400t/d capacity for the first phase (total capacity of 800t/d), with DBO mode construction)	17,018	27,448	ICB	Prior	1/3/2014	1/6/2014	1/8/2014	1/2/2015	10
NBFL-G-5	Yinzhou District solid waste transfer station	Construction of solid waste transfer station (capacity of 680t/d, with reserved sorting capacity of 60t/d, and construction area of 5956 m <sup>2</sup> )	6,999	11,289	NCB	Prior	1/6/2014	1/8/2014	1/10/2014	1/12/2014	12
NBFL-G-6	Jiangdong District solid waste transfer station	Construction of solid waste transfer station (capacity of 610t/d, 230 parking spaces for sanitation vehicles; construction area of 25023 m <sup>2</sup> , including 18587 m <sup>2</sup> two floors underground)	24,147	38,947	ICB	Prior	1/5/2014	1/8/2014	1/10/2014	1/12/2014	12
NBFL-G-7	Haishu District Xujiacao solid waste transfer	Construction of solid waste transfer station (capacity of 200t/d for kitchen food waste, construction area of 3406m <sup>2</sup> )	1,529	2,466	NCB	Post	1/10/2014	1/12/2014	1/2/2015	1/4/2015	8
<b>Sub-total</b>			69,774	112,538							

**Implementation  
Agency**

SWPMO

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**3. Procurement Plan for Goods and Non-consulting Services**  
**Ningbo Municipal Solid Waste Minimization and Recycling Project**

Contract NO.	Contract Name	Description of goods and services	Cost Estimate		Procurement Method	Bank Review (Prior/Post)	Expected Date of Invitation to bids (dd/mm/y)	Expected Date of Bid Opening (dd/mm/y)	Expected Date of Contract Signing (dd/mm/y)	Expected Starting Date of Contract (dd/mm/y)	Expected Construction Duration (months)	Implementation Agency
			RMB 10 thousands	US\$ thousand								
<b>3. Procurement of Goods</b>												
NBFL-H-1	Separation and collection vehicles	Vehicle procurement in 2013, including 3 bank waste transfer trucks, 17 collection and transportation vehicles for kitchen food waste, 2 recycling waste vehicles, and 2 other waste collection vehicles	847	1,366	NCB	Prior	1/12/2013	1/2/2014	1/4/2014	1/6/2014	6	SWPMO
NBFL-H-2	Separation and collection vehicles	Vehicle procurement in 2014, including 1 bank waste transfer trucks, 10 collection and transportation vehicles for kitchen food waste, 7 recycling waste vehicles, and 37 other waste collection vehicles	1,946	3,139	ICB	Prior	1/6/2014	1/8/2014	1/10/2014	1/12/2014	6	SWPMO
NBFL-H-3	Separation and collection vehicles	Vehicle procurement in 2015, including 8 collection and transportation vehicles for kitchen food waste, 7 recycling waste vehicles, and 141 other waste collection vehicles	5,770	9,306	ICB	Prior	1/8/2014	1/11/2014	1/2/1015	1/4/2015	12	SWPMO
NBFL-H-4	Separation and collection vehicles	Vehicle procurement in 2016, including 11 collection and transportation vehicles for kitchen food waste, 11 recycling waste vehicles, and 32 other waste collection vehicles	1,454	2,345	NCB	Post	1/8/2015	1/10/2015	1/12/2015	1/2/2016	12	SWPMO
NBFL-H-5	Separation and collection vehicles	Vehicle procurement in 2017, including 14 collection and transportation vehicles for kitchen food waste, 13 recycling waste vehicles, and 79 other waste collection vehicles	3,010	4,855	ICB	Prior	1/2/2017	1/5/2017	1/8/2017	1/10/2017	12	SWPMO
NBFL-H-6	Smart sanitation information system hardware	Equipment procurement in 2013 and 2014 for bins with RFID card, vehicle weighing, handheld inspection equipment, wireless video server, driving recorder, and monitoring center equipment	736	1,187	NCB	Prior	1/2/2014	1/4/2014	1/6/2014	1/10/2014	7	SWPMO
NBFL-H-7	Smart sanitation information system hardware	Equipment procurement in 2015 for bins with RFID card, vehicle weighing, handheld inspection equipment, wireless video server, and driving recorder	150	242	NCB	Post	15/8/2014	15/10/2014	15/12/2014	15/2/2015	7	SWPMO
NBFL-H-8	Smart sanitation information system hardware	Equipment procurement in 2016 for bins with RFID card, vehicle weighing, handheld inspection equipment, wireless video server, and driving recorder	100	161	NCB	Post	15/8/2015	15/10/2015	15/12/2015	15/2/2016	7	SWPMO
NBFL-H-10	Smart sanitation information system hardware	Equipment procurement in 2017 for bins with RFID card, vehicle weighing, handheld inspection equipment, wireless video server, and driving recorder	100	161	NCB	Post	15/8/2016	15/10/2016	15/12/2016	15/2/2017	7	SWPMO
NBFL-H-11	Garbage bags	Material procurement in 2013 for garbage bags with two-dimension code	128	206	NBF	N/A	17/5/2013	6/6/2013	20/6/2013	5/7/2013	6	SWPMO
NBFL-H-12	Garbage bags	Material procurement in 2014 for garbage bags with two-dimension code	1,113	1,795	NBF	N/A	1/11/2013	21/11/2013	5/12/2013	5/1/2014	12	SWPMO

NBFL-H-13	Garbage bags	Material procurement in 2015 for garbage bags with two-dimension code	1,450	2,339	NBF	N/A	1/11/2014	21/11/2014	5/12/2014	5/1/2015	12	SWPMO
NBFL-H-14	Garbage bags	Material procurement in 2016 for garbage bags with two-dimension code	2,434	3,926	NBF	N/A	1/11/2015	21/11/2015	5/12/2015	5/1/2016	12	SWPMO
NBFL-H-15	Garbage bags	Material procurement in 2017 for garbage bags with two-dimension code	3,113	5,021	NBF	N/A	1/11/2016	21/11/2016	5/12/2016	5/1/2017	12	SWPMO
NBFL-H-16	Garbage bins	Material procurement in 2013 for garbage bins	425	685	NBF	N/A	19/7/2013	15/8/2013	28/8/2013	15/10/2013	6	SWPMO
NBFL-H-17	Garbage bins	Material procurement in 2014 for garbage bins	837	1,350	NBF	N/A	1/11/2013	28/11/2013	13/12/2013	28/1/2014	12	SWPMO
NBFL-H-18	Garbage bins	Material procurement in 2015 for garbage bins	493	795	NBF	N/A	1/11/2014	28/11/2014	13/12/2014	28/1/2015	12	SWPMO
NBFL-H-19	Garbage bins	Material procurement in 2016 for garbage bins	840	1,355	NBF	N/A	1/11/2015	28/11/2015	13/12/2015	28/1/2016	12	SWPMO
NBFL-H-20	Garbage bins	Material procurement in 2017 for garbage bins	583	940	NBF	N/A	1/11/2016	28/11/2016	13/12/2016	28/1/2017	12	SWPMO
NBFL-H-21	Media publicity releasing	Service procurement in 2013 for media publicity releasing	115	185	NBF	N/A	15/10/2013	11/11/2013	26/11/2013	28/1/2014	6	SWPMO

NBFL-H-22	Media publicity releasing	Service procurement in 2014 for media publicity releasing	250	403	NBF	N/A	1/4/2014	28/4/2014	13/5/2014	13/7/2014	12	SWPMO
NBFL-H-23	Media publicity releasing	Service procurement in 2015 for media publicity releasing	200	323	NBF	N/A	1/4/2015	28/4/2015	13/5/2015	13/7/2015	12	SWPMO
NBFL-H-24	Media publicity releasing	Service procurement in 2016 for media publicity releasing	95	153	NBF	N/A	1/4/2016	28/4/2016	13/5/2016	13/7/2016	12	SWPMO
NBFL-H-25	Media publicity releasing	Service procurement in 2017 for media publicity releasing	95	153	NBF	N/A	1/4/2017	28/4/2017	13/5/2017	13/7/2017	12	SWPMO
NBFL-H-26	Presswork	Material procurement in 2013 for presswork	40	65	NBF	N/A	24/7/2013	1/8/2013	15/8/2013	9/9/2013	6	SWPMO
NBFL-H-27	Presswork	Material procurement in first half of 2014 for presswork	95	153	NBF	N/A	1/11/2013	8/11/2013	23/11/2013	23/12/2013	6	SWPMO
NBFL-H-28	Presswork	Material procurement in latest half of 2014 for presswork	95	153	NBF	N/A	1/5/2014	8/5/2014	23/5/2014	23/6/2014	6	SWPMO
NBFL-H-29	Presswork	Material procurement in 2015 for presswork	190	306	NBF	N/A	1/11/2014	8/11/2014	23/11/2014	23/12/2014	12	SWPMO
NBFL-H-30	Presswork	Material procurement in 2016 for presswork	157	253	NBF	N/A	1/11/2015	8/11/2015	23/11/2015	23/12/2015	12	SWPMO
NBFL-H-31	Presswork	Material procurement in 2017 for presswork	128	206	NBF	N/A	1/11/2016	8/11/2016	23/11/2016	23/12/2016	12	SWPMO
NBFL-H-9-1	Project office equipment	Project office equipment part 1	29	47	NS	Post	15/11/2013	30/11/2013	15/12/2013	15/2/2014	1	SWPMO
NBFL-H-9-2	Project office equipment	Project office equipment part 2	25	40	NS	Post	1/5/2014	15/5/2013	30/5/2014	30/7/2014	1	SWPMO
<b>Sub-total</b>			27,043	43,614								

**4. Procurement Plan for Selection of Consultants**  
**Ningbo Municipal Solid Waste Minimization and Recycling Project**

Contract NO.	Contract Name	Description of Assignment	Cost Estimate		Procurement Method	Bank Review (Prior/Post)	Selection Schedule				Implementation Agency
			RMB 10 thousands	US\$ thousands			Selection process			Contract Implementation Duration (months)	
							Expected Inviting for Proposals (dd/mm/y)	Expected Receipt of Proposals (dd/mm/y)	Expected Contract Award Date (dd/mm/y)		
<b>4. Selection of Consultants</b>											
NBFL-X-01	Public information campaign planning	Public information campaign planning	180	290	CQS	Post	1/12/2013	30/12/2013	30/1/2014	49	SWPMO
NBFL-X-02	Media planning	Print media, multimedia publicity and planning	180	290	CQS	Prior	1/12/2013	30/12/2013	30/1/2014	49	SWPMO
NBFL-X-03	Project management	Design, review, project supervision, and third-party evaluation	450	726	QCBS/QBS	Prior	1/12/2013	1/1/2014	1/3/2014	48	SWPMO
NBFL-X-04	Waste fee mechanism study	Waste fee mechanism study	180	290	CQS	Post	1/5/2014	1/6/2014	1/8/2014	10	SWPMO
NBFL-X-05	Smart sanitation information system software design	Design framework and software development	1,000	1,613	QCBS/QBS	Prior	20/12/2013	20/1/2014	20/3/2014	36	SWPMO
<b>Sub-total</b>			1,990	3,209							

Note: QCBS/QBS: Quality and Cost Based Selection/Quality Based Selection; CQS: Selection Based on Consultants' Qualifications; IC: Selection of Individual Consultants; Prior : Prior Review ; Post : Post Review