

Thresholds for Procurement method

Description	Thresholds	
Goods	(--)	ICB
	<US\$10,000,000	NCB
	<US\$200,000	Shopping
Consultant Services	(--)	QCBS/QBS
	<=US\$300,000	CQS

Thresholds for Prior Review

Description	Contracts subject to Prior Review	
Goods	ICB	All
	NCB	First NCB goods contract by each PIU irrespective of value and all contracts >= US\$3,000,000
	Direct Contracting	>=US\$200,000
Consulting Services	Consulting firm competitive selection	First contract by each PIU for each selection method irrespective of value and all contracts >= US\$1,000,000
	Individual consultant selection	Only in exceptional cases. Indented in procurement plan.
	SSS(firm)	>=US\$100,000
	SSS(individual)	>=US\$50,000

Notes:

ICB: International Competitive Bidding

CQS: Selection Based on the Consultants' Qualifications

NCB: National Competitive Bidding

SSS: Single Source Selection

DC: Direct Contracting

IC: Individual Consultant selection procedure

QCBS: Quality- and Cost-Based Selection

"--": Not Applicable

QBS: Quality-Based Selection

GEF-MSW Integrated Environmental Management Project

Updated: 2016-9-9

N°	Contract N°	Description	Estimated		Procurement Method	Review by Bank (prior/)	Expected Advertising Date	Estimated Duration (Months)	Procurement Institute	Tender Agency	Contract Executive Agency	Design Institute	contract value	signing date	contractor/supplier	contract completion date
			in 10 ⁶ RM	in 10 ⁶ USD												
Component 1 Building Capacity for Improved Operation and Regulation of Incinerators			#####	484.50												
1A.	Building capacity for improved operation		#####	162.86												
1A.(a)	Operational and Environmental Performance Audit		240.50	37.00												
	Service		240.50	37.00												
1	MSWF-1	Operational and Environmental Performance Audit Consultancy for MSW Incinerators in Kunming	227.50	35.00	QCBS	Prior	3Q2014	12	FECO		FECO					
2	MSWF-2	Financial Assessment for MSW Incinerators in Kunming	13.00	2.00	IC	Post	2016/10	12	FECO							
1A.(b)	Dissemination of audit results		78.00	12.00												
3	MSWF-3	Knowledge Dissemination	78.00	12.00	CQS	Post	2016/12	12	FECO		FECO					
1A.(c)	Monitoring Equipment		461.50	75.66												
	Goods		461.50	75.66												
4	MSWY-1	Flue Gas Monitoring Equipment for Incinerators in Kunming	261.50	42.87	NCB	Prior	2015/03/30	12	YECO	CMC International Tendering Corp.	Dongjiao Incinerator	D.I. recruited by incinerators and with assistance from FECO's consultant	RMB2,036,800.00	31 Jul, 2015	Focused Photonics (Hangzhou) Inc.	Planned completion date 2015/10/31 but extended
5	MSWY-2	Activated Carbon and Lime Dosing Metering Equipment	200.00	32.79	NCB	Post	2015/03/24	12	YECO	CMC International Tendering Corp.	Incinerator		RMB2,606,681.00	10 Sep, 2015	Jiangsu Ling Kang Hi-Tech Co., Ltd.	Planned completion date is 2015/11/10 but extended
1A.(d)	Incinerator operator training		233.02	38.20												
	Service		248.30	38.20												
6	MSWF-4	Recruit one institution to provide training for trainers	59.80	9.200	CQS	Post	2016/10	12	FECO		FECO					
7	MSWF-5	Select one institution to provide training to incinerator operators	188.5	29.00	CQS	Post	2016/10	36	FECO		FECO					
1A.(e)	Investments on incinerator operation improvement		TBD	TBD												
1B. Capacity Building for Improved Regulation and Enforcement			#####	321.64												
1B.(a)	Kunming Permits Pilot		103.03	15.85												
	Service															
8	MSWY-3	Individual consultant for integrated permit development scheme for incinerator	24.83	3.82	IC	Post	2017/03	36	YECO		YECO	YECO				
9	MSWY-4	Domestic consultant for integrated permit scheme for incinerator	78.20	12.03	CQS	Post	2017/03	36	YECO	N/A	YECO					
1B.(b)	Improved Monitoring		#####	246.20												
	Service		#####	209.90												
1B.(b).i	Enabling Continuous access to operating and emission data		#####	185.26												
1B.(b).i.a	National Guidelines		162.50	25.00												
10	MSWF-6	National guideline for online supervision of MSW incineration facilities	162.50	25.00	CQS	Post	2016/11	18	FECO		FECO					
1B.(b).i.b	Kunming Investment		860.68	131.26												
	Information System		322.14	52.81												
11	MSWY-5	Monitoring System Development for KUMB	322.14	52.81	NCB	Post	2015/03/26	12	YECO	CMC International Tendering Corp	KUMB	KUMB	RMB2,832,018	10-Aug-15	Shen Yun Technology Co., Ltd.	Planned completion date is 2016/08/15
		<i>Interface for Operating Systems of Incinerators</i>														
12	MSWY-5-1	Supply and Installation of electromagnetic flow meter and transferring cables for Chenggong\Xishan and Dongjiao	10.54	1.62	Shopping	Post	2016/05	13	YECO	N/A	KUMB	N/A	RMB88,830	30 Jun, 2016	Yunnan Qifu Technology Co., Ltd	

13	MSWY-5-2		Service for Updating Weighing House Software for Chenggong Incinerator	0.40	0.06	SSS	Post	N/A	13	YECO	N/A	KUMB	N/A	RMB18,000	08 Aug,2016	Shanghai Lanjian Weighing Tech Co., Ltd	
14	MSWY-5-3		Renovation and Integration of Communication System and Software for Activated carbon\wastes weighing	4.90	0.75	SSS	Post	N/A	13	YECO	N/A	KUMB	N/A	RMB49,000	21 Jul,2016	Yunnan Yahang Technology Co., Ltd	
15	MSWY-5-4		System Upgrading for Weighing System in Dongjiao Incinerator	8.78	1.35	SSS	Post	N/A	13	YECO	N/A	KUMB	N/A	RMB87,800	28 Jul, 2016	Yunnan Gute Weighing Equipment Co., Ltd	
16	MSWY-5-5		System Innovation and Integration for grabbing crane and weighing for Dongjiao Incinerator	9.00	1.38	SSS	Post	N/A	13	YECO	N/A	KUMB	N/A	RMB94,000	25 Jul, 2016	Unite Yunnan Electronic Tech Co., Ltd	
17	MSWY-5-6		OPC communicating for weighing system, DP communicating for waste crane, DP communicating for leachate system, OPC communicating for SIS system at Dongjiao. DP communicating for waste crane, system expansion for DCS and OPC communicating for Xishan Incinerator	18.25	2.81	SSS	Prior	N/A	13	YECO	N/A	KUMB	N/A	RMB209,266.00	20 Jun, 2016	Hangzhou HollySys Automation Co., Ltd	
18	MSWY-5-7		Data collection and interpretation for Flue Gas SIS system at Dongjiao Incinerator, OPC connection and software development and integration.	7.88	1.21	SSS	Post	N/A	13	YECO	N/A	KUMB	N/A	RMB78,800	28 Jul, 2016	Nanjin Yueneng Intelligent Tech Co., Ltd	
19	MSWY-5-8		Software renovation for weighing system at Konggang Incinerator	7.50	1.15	SSS	Post	N/A	13	YECO	N/A	KUMB	N/A	RMB75,000	22 Jul, 2016	Yunnan Yizhong Weighing System Co. Ltd	
20	MSWY-5-9		Software upgrading and integration at weighing system for Wuhua and Xishan incinerators.	14.20	2.18	SSS	Post	N/A	13	YECO	N/A	KUMB	N/A	RMB142,000	27 July, 2016	Green Energy Hang Zhou Enterprise Management Co., Ltd	
21	MSWY-5-10		Grabbing crane weighing system renovation and integration at Wuhua incinerator	4.46	0.69	SSS	Post	N/A	13	YECO	N/A	KUMB	N/A	RMB48,000	26 July, 2016	Hangzhou Dehawei Mechanics Co., Ltd	
22	MSWY-5-11		Activated Carbon metering system upgrading and integration at Wuhua incinerator	2.95	0.45	SSS	Post	N/A	13	YECO	N/A	KUMB	N/A	RMB27,500	27 July, 2016	Tongling Feilike Measure and Monitor Technology Co, Ltd	
23	MSWY-5-12		OPC software, modules and activated carbon weighing system renovation and integration	8.34	1.28	SSS	Post	N/A	13	YECO	N/A	KUMB	N/A	RMB83,400	08 Aug, 2016	Zhejiang Supcon Tech Share Holding Co, Ltd	
	Service			185.00	25.41												
24	MSWY-6		Monitoring System Development for YEPD	100.00	16.39	CQS	Prior	2015/08/17	12	YECO	N/A	YEPD	YEPD	RMB 998,664	42317	Lihe (Hunan) Technology Co., Ltd	Planned completion date is 2017/11/09
25	MSWY-7		Monitoring System Development for KEPB	55.00	9.02	CQS	Post	2015/09/08	12	YECO	N/A	KEPB	KEPB	RMB 534,191.17	8 Dec, 2015	Zhejiang Chenggong Software Development Co., Ltd	Planned completion date is 2017/12/08
26	MSWY-8		Technical Supervision Agency for Information Monitoring	30.00	0.00	DP	N/A	N/A	12	YECO	N/A	YECO	YEPD/KUMB/KEPB	RMB 97,500		Guangzhou Huiyuan Telecom Construction Supervision Co., Ltd.	
	Goods			323.54	53.04												
27	MSWY-9		Supply of hardware/software for on-line monitoring system	323.54	53.04	NCB	Prior	2015/03/26	12	YECO	CMC International Tendering Corp	YEPD/KUMB/KEPB	YEPD/KUMB/KEPB	RMB 2,930,330	28 Jul, 2015	Yunnan Yinghuaxiang Technology Development Co., Ltd	Negotiated completion date is 2015/12/31 but extended
	Civil Works			30.00	0.00												
28	MSWY-10		Construction of Admin Centre for Information Monitoring for KUMB	30.00	0.00	DP	N/A	N/A	12	KUMB	N/A	KUMB	KUMB	RMB275,000	23 Nov. 2015	Yunnan Jinlong Weiye Technology Co., Ltd.	
1B.(b).i.c	Ningbo Investment			188.50	29.00												
	Ningbo			188.50	29.00					Ningbo PMO		Ningbo PMO					
29	MSWN-1		Ningbo CEMS technical retrofit and data collection	58.50	9.00	Shopping	Post	2016/03/30	6	Ningbo PMO		Ningbo PMO		RMB 579,000	5/25/2016	Zhejiang ansheng technology Ltd.	7/30/2016

30	MSWN-2		EPB computer room data processing and storage	52.00	8.00	Shopping	Post	2016/03/30	6	Ningbo PMO		Ningbo PMO		RMB 485,000	5/25/2016	Ningbo Yituo information technology	7/30/2016	
31	MSWN-3		CEMS information PC and mobile end design, construction, deployment and maintenance	78.00	12.00	CQS	Post	2016/07/05	40	Ningbo PMO		Ningbo PMO						
1B.(b).ii	Dioxin Testing			130.00	20.00													
32	MSWF-7		Select one institution to perform monitoring for 4 incinerators in Yunnan	130.00	20.00	CQS	Post	2016/111		FECO		FECO						
1B.(b).iii	Ningbo Dioxin Lab Capacity Building			30.16	4.64													
33	MSWN-4		Recruiting one international expert on improving Standard Operating Procedure	30.16	4.64	IC	Post	2016/07/05	12	Ningbo PMO		Ningbo PMO						
	Goods			224.75	36.30													
34	MSWN-5		Online flue gas continuous sampling equipment for incinerator	170.80	28.00	NCB	Prior	2015/07	6	Ningbo PMO		Ningbo PMO		RMB1,280,000	19 Nov, 2015	BCT Technology Ltd.		
35	MSWN-6		Flue gas sampler	53.95	8.30	shopping	Post	2016/03/10	6	Ningbo PMO		Ningbo PMO		RMB 550,000	5/20/2016	BCT Technology Ltd.	2016.7.31	
1B.(d)	Updating Standards			227.50	35.00													
36	MSWF-8		Updating CJJ-90(Technical code for Projects of Municipal Waste Incineration)	45.50	7.00	CQS	Post	5/3/2016	12	FECO						China Urban Construction Design & Research Institute Co., LTD	7/31/2017	
37	MSWF-9		Updating Technical Specification for Operation, Maintenance and Safety of MSW Incinerators (CJJ128-2009),	45.50	7.00	CQS	Post	5/27/2016	12	FECO		FECO						
38	MSWF-10		Updating MSW Incinerator and Heat Recovery Boiler (GB/T18750-2008)	45.50	7.00	CQS	Post	2016/03/30	12	FECO			RMB 442,126	7/1/2016	Chongqing Santeng Environmental Industrial Group Co., Ltd	6/30/2017		
39	MSWF-11		Formulating one new standard on fly ash	65.00	10.00	CQS	Post	6/27/2016	12	FECO								
40	MSWF-12		Recruit one International expert on review and providing suggestion on updating four codes	26.00	4.00	IC	Post	2016/10	12	FECO		FECO						
1B.(e)	Kunming Public Disclosure and Service			159.84	24.59													
41	MSWY-13		Specialist for Public Participation and Communication	63.96	9.84	IC	Post	2015/04/13	60	YECO	N/A	YECO	YECO	RMB 445,500	30 Apr. 2016	Ms. Cai kui	30 Dec.2019	
42	MSWY-14		External social impact assessment survey agency	95.88	14.75	CQS	Post	2016/06/27	60	YECO	N/A	YECO	YECO					
Component 2 Improved Integration of Incineration in MSW management				686.40	105.60													
2.(a)	Study on regional Planning of MSW disposal			130.00	20.00													
43	MSWF-13		Study on the Integrated Planning, Management and Treatment of MSW	130.00	20	CQS	Prior	2016/03/08	12	FECO		FECO		RMB 1,249,937.19	2016/9	China Urban Construction Design & Research Institute Co., LTD	8/31/2017	
2.(b)	Study on system of statistical indicators			279.50	43.00													
44	MSWF-14		Study on the System of Statistical Parameters and MSW Classification	279.50	43	QCBS	Post	2016/10	24	FECO		FECO						
2.(d)	Ningbo Assessment of Impact of Segregation on Dioxin Emissions			276.90	42.60													
45	MSWN-7		Different segregation scenario waste sampling and analysis	78.00	12	CQS	Post	2016/05/03	40	Ningbo PMO								
46	MSWN-8		Incinerator dioxin emission monitoring	31.20	4.8	shopping	Post	2016/08	40	Ningbo PMO								
47	MSWN-8-1		Consumables of incinerator Dioxin sampling	8.86	1.5	shopping	post	2016/09	40	Ningbo PMO								
48	MSWN-9		waste segregation and dioxin emission relationship study and relevant suggestions	167.70	25.8	CQS	Prior	2015/07/31	40	Ningbo PMO								
Component 3 Project Management and Results Monitoring, Information				161.90	24.12													
3.i	FECO			42.46	6.60													
	MSWF-15		Procurement of 5laptops	6.71	1.10	Shopping	Post	2015/08/01	3	FECO								
49	MSWF-15-1		Procurement of 2 laptops	3.05	0.50	Shopping	Post	2015/08/17	3	FECO			RMB 23,500	6 Sep. 2015	Beijing Xingrun Jiayuan Technology Co., Ltd	30 Nov.2015		
50	MSWF-15-2		Procurement of 3 laptops	3.66	0.60	Shopping	Post	2015/09/06	3	FECO			RMB 34,170	24 Sep. 2015	Beijing Xingrun Jiayuan Technology Co., Ltd	30 Nov.2015		
51	MSWF-16		National Technical Adviser	22.75	3.50	IC	Post	2016/07/04	24	FECO		FECO		RMB 229,278.79	2016/9	Jin Yiyi	10/31/2018	
52	MSWF-17		Monitoring Expert	13.00	2.00	IC	Post	2016/10	24	FECO		FECO						

3.ii	Kunming			101.14	14.52														
3.ii.a	Service			90.18	12.83														
53	MSWY-15		Financial Specialist	37.50	6.15	IC	Post	2015/04/27	60	YECO	N/A	YECO	YECO	RMB 375,000	12/1/2015	Mrs. Li Boping	12/31/2019		
54	MSWY-16		Environment Management Specialist	30.68	4.72	IC	Post	2016/09	24	YECO									
55	MSWY-17		Procurement and Contract Management	12.00	1.97	IC	Post	2015/04/15	36	YECO				RMB 120,000	6/1/2015	Mr. Xu Quichuan	6/1/2018		
56	MSWY-18		Tender Agency	10.00	0.00	DP	N/A	2014/11/03	24	YECO						CITC Tendering Co.			
3.ii.b	Goods			10.96	1.69														
57	MSWY-19		Office Equipment's incl.Laptops,monitor screen and other necessities	10.96	1.69	Shopping	Post	2016/03/24	3	YECO	N/A	YECO	YECO	RMB 72,200	5/3/2016	Kunming Discovery software co.LTD	5/3/2017		
3.iii	Ningbo			18.30	3.00														
58	MSWN-10		Financial Management Specialist	18.30	3.00	IC		4Q2015	50	Ningbo PMO		Ningbo PMO		RMB 86,400 RMB 101,568	2016/1/15 2016/7/26	Ms Wang Liping	2019.12.31		
Total				#####	614.22														

Note: 1.NCB = National Competitive Bidding;CQS=Consultation Quality Selection;SSS=Single Source Selection;IC=Individual Consultation; NA=Not Applicable. DP = Domestic Procurement