

GEF-MSW Integrated Environmental Management Project

Updated: 2014-11-12

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	Remark
			in 10 ⁴ RMB	in 10 ⁴ USD									
Component 1 Building Capacity for Improved Operation and Regulation of Incinerators			#####	472.38									
1A.	Building capacity for improved operation		875.35	143.50									
1A-(a)	Operational and Environmental Performance Audit		225.70	37.00									
	Service		225.70	37.00									
1	MSWF-1	Recruitment of Audit Expert	213.50	35.00	QCBS	Prior	3Q2014	12	FECO		FECO		
2	MSWF-2	Financial expert	12.20	2.00	IC	Post	1Q2015	12	FECO				
1A-(b)	Dissemination of audit results		73.20	12.00									
3	MSWF-3	Dissemination event	73.20	12.00	CQS	Post	4Q2015	12	FECO		FECO		
1A.(c)	Monitoring Equipment		343.43	56.30									
	Goods		343.43	56.30									
4	MSWF-1	Flue gas monitoring equipment after treatment	250.10	41.00	NCB	Prior	2014/11	12	YECO	TBD	Dongjiao Incinerator	D.I. recruited by incinerators and with assistance from FECO's consultant	Advanced Procurement and apply for Retroactive Funds
5	MSWF-2	Activated carbon metering	93.33	15.30	NCB	Post	2014/11	12	YECO	TBD	Incinerator		9 sets of activated carbon monitoring equip. for three incinerators(Dongjiao, Konggang and Xishan). Advanced Procurement and apply for
1A.(d)	Incinerator operator training		233.02	38.20									
	Service		233.02	38.20									
6	MSWF-4	Recruit one institution to provide training for trainers	56.12	9.200	CQS	Post	1Q2015	12	FECO		FECO		
7	MSWF-5	Select one institution to be responsible for training for whole country's	176.9	29.00	CQS	Prior	1Q2015	36	FECO		FECO		
1A.(e)	Incinerator Investments		TBD	TBD									The incinerator benefitting from grant for capital investments and the composition and estimated cost of the investments will be determined after the operational and environmental audits.
1B. Capacity Building for Improved Regulation and Enforcement			#####	328.88									
1B.(a)	Kunming Permits Pilot		96.67	15.85									
	Service												
17	MSWF-3	Individual consultant for integrated permitting scheme for incinerator	23.28	3.82	IC	Post	2015/06	36	YECO	N/A	YECO	YECO	Actual input is expected 40days, equivalent to 1.8 months person
18	MSWF-4	Domestic consultation team for integrated permitting scheme for incinerator	73.39	12.03	CQS	Post	2015/06	36	YECO		YECO		Actual input is expected 825days, equivalent to 37.5months perspm
1B.(b)	Improved Monitoring		#####	245.34									
	Service		#####	209.04									
1B.(b).i	Enabling Continuous access to operating and emission data		#####	184.40									
1B.(b).i.a	National Guidelines		152.50	25.00									
19	MSWF-6	National guideline for online supervision of MSW incineration	152.50	25.00	CQS	Post	2Q2015	18	FECO		FECO		
1B.(b).i.b	Kunming Investment		855.41	130.40									
	Information System		316.87	51.95									
20	MSWF-5	Monitoring System Development for KUMB	316.87	51.95	NCB	Post	2014/11	12	YECO	TBD	KUMB	KUMB	Advanced Procurement and apply for Retroactive Funds. YECO will

	Service			185.00	25.41										take the lead in procurement and contract award. Once supply and installation completed, the assets will be distributed
21	MSWY-6		Monitoring System Development for	100.00	16.39	SSS	Prior	N/A	12	YECO	TBD	YEPD	YEPD		
22	MSWY-7		Monitoring System Development for KEPB	55.00	9.02	SSS	Prior	N/A	12	YECO	TBD	KEPB	KEPB		
23	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		To be procured with domestic funds
	Goods			323.54	53.04										
24	MSWY-9		Supply of hardware/software for on- line monitoring system	323.54	53.04	NCB	Prior	2014/11	6	YECO	TBD	YEPD/KUMB/ KEPB	YEPD/KUMB/KEPB		Advanced Procurement and apply for Retroactive Funds. Assets transfer will be done after procurement. The front-end data transmission cost of Chenggong incinerator has been considered
	Civil Works			30.00	0.00										
25	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		To be procured with domestic funds
1B.(b).i.c	Ningbo Investment			176.90	29.00										
			Ningbo investment	176.90	29.00					Ningbo PMO		Ningbo PMO			
26	MSWN-1		Ningbo CEMS technical retrofit and data collection	54.90	9.00	Shopping	Post	1Q2015	6	Ningbo PMO		Ningbo PMO			goods
27	MSWN-2		EPB computer room data processing and storage	48.80	8.00	Shopping	Post	1Q2015	6	Ningbo PMO		Ningbo PMO			goods
28	MSWN-3		CEMS information PC and mobile end design, construction, deployment and maintainence	73.20	12.00	CQS	Post	1Q2015	60	Ningbo PMO		Ningbo PMO			
1B.(b).ii	Dioxin Testing			122.00	20.00										
29	MSWF-7		Select one institution to perform monitoring for 4 incinerators in Yunnan	122.00	20.000	CQS	Post	4Q2015		FECO		FECO			
1B.(b).iii	Ningbo Dioxin Lab Capacity Building			28.30	4.64										
30	MSWN-4		Recruiting one international expert on improving Standard Operating	28.30	4.64	IC	Post	1Q2015	12	Ningbo PMO		Ningbo PMO			Ningbo environmental Monitoring center as main
	Goods			221.43	36.30										
31	MSWN-5		Online flue gas continous sampling equipment for incinerator	170.80	28.00	NCB	Prior	2014/10	6	Ningbo PMO		Ningbo PMO			
32	MSWN-6		Flue gas sampler	50.63	8.30	shopping	Post	2014/08	6	Ningbo PMO		Ningbo PMO			Operated and maintained by Ningbo Environmental
1B.(d)	Updating Standards			213.50	35.00										
33	MSWF-8		Updating CJJ-90(Technical code for Projects of Municipal Waste Incineration)	42.70	7.00	CQS	Post	1Q2015	12	FECO					
34	MSWF-9		Updating Technical Specification for Operation, Maintenance and Safety of MSW Incinerators (CJJ128-2009),	42.70	7.00	CQS	Post	1Q2015	12	FECO		FECO			
35	MSWF-10		Updating MSW Incinerator and Heat Recovery Boiler (GB/T18750-2008)	42.70	7.00	CQS	Post	1Q2015	12	FECO					
36	MSWF-11		Formulating one new standard on fly	61.00	10.00	CQS	Post	3Q2015	18	FECO					
37	MSWF-12		Recruit one International expert on review and providing suggesion on updating four codes	24.40	4.00	IC	Post	1Q2015	12	FECO		FECO			
1B.(e)	Kunming Public Disclosure			199.44	32.70										
	Service			199.44	32.70										
38	MSWY-11		Interface for project information disclosure and special column and programme edition	12.00	1.97	CQS	Post	2014/12	60	YECO	-	YECO	YECO		

39	MSWY-12		preparation of information dissimination materials and activities design	37.44	6.14	Shoppin g	Post	1Q/2015	60	YECO	-	Ditto	Ditto		
40	MSWY-13		Specialist for Public Relationship	60.00	9.84	IC	Post	2014/12	60	YECO	-	Ditto	Ditto		
41	MSWY-14		External social impact assessment survey agency	90.00	14.75	CQS	Prior	2014/10	60	YECO	-	Ditto	Ditto		
Component 2 Improved Integration of Incineration in MSW management				644.16	105.60										
2.(a)	Study on regional Planning of MSW disposal			122.00	20.00										
42	MSWF-13		Study on the Integrated Planning, Management and Treatment of MSW	122.00	20	CQS	Post	1Q2015	12	FECO		FECO			
2.(b)	Study on system of statistical indicators			262.30	43.00										
43	MSWF-14		Study on the System of Statistical Parameters and MSW Classification	262.30	43	QCBS	Prior	2Q2015	24	FECO		FECO			
2.(d)	Ningbo Assessment of Impact of Segregation on Dioxin Emissions			259.86	42.60										
44	MSWN-7		Different segregation scenario waste sampling and analysis	73.20	12	CQS	Post	1Q2015	60	Ningbo PMO		Ningbo PMO			
45	MSWN-8		Incinerator dioxin emission monitoring	29.28	4.8	shopping	Post	1Q2015	60	Ningbo PMO					
46	MSWN-9		waste segregation and dioxin emission relationship study and relevant suggestions	157.38	25.8	CQS	Prior	1Q2015	60	Ningbo PMO					
Component 3 Project Management and Results Monitoring,Information				159.80	24.56										
3.ii	Kunming			141.50	21.56										
3.ii.a	Service			131.50	19.92										
47	MSWY-15		Financial Specialist	37.50	6.15	IC	Post	2014/10	60	YECO	TBD	YECO	YECO		
48	MSWY-16		Project Assistance	72.00	11.80	DP	N/A	2014/10	60	YECO				Advanced Procurement and apply for Retroactive Funds	
49	MSWY-17		Procurement and Contract	12.00	1.97	IC	Post	2014/10	36	YECO				Ditto	
50	MSWY-18		Tender Agency	10.00	0.00	Shoppin g	N/A	2014/07	24	YECO				Procure with domestic funds.This cost estimated here covers only the contracts to be executed by YECO/YEPD/KEPB/KUMB. Tendering agency for technical investments in the four incinerators will be selected by YECO following domestic regulation. The cost will be split by weight of contract cost by each incinerator using matching	
3.ii.b	Goods			10.00	1.64										
51	MSWY-19		Six Laptops for office	10.00	1.64	Shoppin g	Post	2014/12	3	YECO	TBD	YECO	YECO		
3.iii	Ningbo			18.30	3.00										
52	MSWN-10		Financial Management(Individual)	18.30	3.00	IC	Post	2014/12/01	60	Ningbo PMO		Ningbo PMO		Hire one accountant by direct contract	
Total				#####	602.54										

注：1.NCB = National Competitive Bidding;CQS=Consultation Quality Selection;SSS=Single Source Selection;IC-Individual Consultation; DP=Direct Procurement; DP = Domestic Procurement