



PROJECT PREPARATION GRANT (PPG)

PROJECT TYPE: Full-sized Project

TYPE OF TRUST FUND: GEF Trust Fund

Submission date: 02/11/2013

GEF PROJECT ID: 4601

GEF AGENCY PROJECT ID: 4833 (UNDP), GFTURXX11 (UNIDO)

COUNTRY(IES): Republic of Turkey

PROJECT TITLE: Pops Legacy Elimination And Pops Release Reduction Project

GEF AGENCY(IES): UNDP, (select), UNIDO

GEF FOCAL AREA(S): Persistent Organic Pollutants

A. PROJECT PREPARATION TIMEFRAME

Start date of PPG	06/01/2013
Completion date of PPG	12/01/2014

B. PROPOSED PROJECT PREPARATION ACTIVITIES (\$)

Describe the PPG activities and justifications: The proposed project will focus on three thematic areas: i) elimination current POPs legacies; ii) ensuring longer term national capacity to manage POPs into the future consistent with international practice and standards; and iii) integrating POPs activities with national sound chemicals management initiatives, all within a broader context of completing Turkey's transition to developed country status. The project design addressing these areas involves five project components projects described in the PIF and as summarized below:

Component 1: Elimination of current POPs stockpiles and waste – Provides for completion of elimination of available high concentration POPs stockpiles and wastes in the country, namely the containment, packaging, and environmentally sound destruction of an estimated 2,500 t, y-HCH (lindane) stockpile along with associated site clean up and disposal of an estimated 500 t of contaminated residuals, and destruction of the currently identified PCBs and PCB based equipment and materials in the country. Additionally it supports the qualification to international BAT/BEP standards of an existing modern incineration facility for future POPs and chemicals waste management requirements, nationally and regionally.

Component 2: Planning/Capacity Building for Environmentally Sound Management of Future PCB Stockpiles – Addresses the institutional and capacity building measures needed to fully implement EU harmonized PCB control regulations, develop a long term PCB phase out plan for Convention compliance, and initiates the investigation work necessary to address potential low level PCBs and PCBcontaminated equipment and materials , inclusive of identification and demonstration of appropriate nationally based decontamination technology and support infrastructure on a pilot basis as justified .

Component 3: Unintentional POPs Release Reduction - Updates and expands the NIP U-POPs inventory as a basis for undertaking source and technology specific U-POPs emission quantification supported by training and technical assistance on BAT/BEP for priority industrial sectors with a resultant national U-POPs reduction plan and demonstration of BAT/BEP in priority industrial source categories.

Component 4: Management Capacity for POPs Contaminated Sites – Initiates the development of a comprehensive national POPs and chemicals contaminated sites inventory and prioritization program,

supported by internationally benchmarked soil and water cleanup standards, training in site assessment techniques and remediation technology, and initiation of demonstration assessment and cleanup projects.

Component 5: Institutional/Regulatory Capacity Strengthening for POPs and Sound Chemicals Management – Updates and integrates the current POPs and chemicals legislative framework consistent with Convention obligations and relevant EC directives, supports capacity strengthening related to POPs health/receptor monitoring and accreditation of analytical capacity, and expands training and awareness related to POPs and sound chemicals management. The PPG will be necessary in order to refine project objectives, outcomes, and outputs as well as the work plan and budget for each of the five project components described above. The PPG will be primarily used to finance local and international consultants undertaking assessments and technical assistance necessary to define the detailed project scope inclusive of TORs and technical specifications needed to rapidly implement the FSP. It will also serve to improve baseline scenario mapping, cost-effectiveness and the global benefits of the project, and secure firm co-financing commitments for each of the project components. Additionally, resources will be applied to finance the stakeholder and public consultation process required as input to this detailed scope definition and for national endorsement of final project documentation.

The principle overall output of the PPG will be the detailed definition of the project scope in terms of technical details and implementation arrangements as set out in a Project Document, including: i) validation of project design with the government and other counterparts and stakeholders, ii) barrier analyses, based on consultant reports and multi-stakeholder consultation; iii) a logical framework, based on multi-stakeholder consultation and the recommendations of consultancy studies, including indicators and quantified targets, combined with baseline values; iv) a participation strategy, v) an analysis of the programmatic baseline; vi) a project budget and work plan in standard UNDP and GEF format; vii) a monitoring and evaluation strategy; viii) a learning and replication strategy and ix) text and supportive technical analyses detailing the justification and strategies of the project.

The following provides a detailed break down of the proposed project preparation activities and associated outputs. Activities 1.1, 1.2, 1.3 and 1.4 related to Component 1. Activities 2.1 and 2.2 related to Component 2. Activities 3.1 and 3.2 related to Component 3. Activities 4.1 and 4.2 related to Component 4. Activities 5.1 and 5.2 related to Component 5. Activity 6 covers consultation on project preparation and development of the project documentation.

List of Proposed Project Preparation Activities	Output of the PPG Activities	Trust Fund	Grant Amount (a)	Co-financing (b)	Total c = a + b
1.1 Detailed project design for clean up and destruction of POPs pesticides stockpiles	<p>Merkim site secured/contained and surrounding contamination assessed</p> <ul style="list-style-type: none"> • Detailed quantification of POPs pesticide stockpile and clean up residuals. • Operational design for stockpile packaging and disposal inclusive of technical/procurement specifications 	GEF TF	27,000	105,000	132,000

	<ul style="list-style-type: none"> • Determination of future site use, cleanup standards and site valuation/future development financing plan. • Operational design/cost estimate for site cleanup inclusive of technical/procurement specifications 				
1.2 Detailed project design for destruction of available high concentration PCB/PCB equipment stockpiles	<p>Detailed inventory of PCB equipment (out of service/committed for replacement)</p> <ul style="list-style-type: none"> • Documentation of PCB equipment retirement and disposal history inclusive of disposition and costs • Development of specifications/cost estimates for packaging, transport and destruction as well as replacement as applicable. 	GEF TF	15,000	32,000	47,000
1.3 Detailed scope definition for upgrading/qualification of existing national POPs destruction capability	<ul style="list-style-type: none"> • Environmental/BAT/BEP performance assessment against international requirements • Design of a test burn protocol and program including cost estimates and provision for independent validation • Definition of required facility and monitoring modifications inclusive of cost estimates. • Assessment of facility market potential and potential as a regional 	GEF TF	25,000	42,000	67,000

	destruction facility.				
2.1 Detailed scoping of national PCB management plan development process including pilot implementation of PCB regulations, inventory refinement, initial assessment of low level/ cross contamination extent in transformers, and definition of required supporting infrastructure for PCB management.	<ul style="list-style-type: none"> • Consolidated PCB inventory data base. • Pilot program for labeling/ registration of PCB equipment • Plan for full national implementation of a national program for labeling /registration of PCB equipment. • Pilot sampling/ screening results for a statistically valid distribution of transformers with expert estimate of extent of low level contamination. • Design/TOR for undertaking a full scale national sampling screening program. •Agreed PCB management plan scope definition, and institutional arrangements established for its development. •Documentation of hazardous waste facility licensing requirements. •Inventory of available hazardous waste management facilities and service provider capacity for management of PCBs, inclusive of associated gap analysis. 	GEF TF	41,000	58,000	99,000
2.2 Feasibility assessment and pilot demonstration scope development related to low level PCB contaminated equipment management	Feasibility study covering the demand, economic basis, technology options and commercial arrangements for managing low level	GEF TF	20,000	27,000	47,000

	<p>PCB contaminated equipment.</p> <ul style="list-style-type: none"> • Definition of a demonstration pilot investment in low level transformer decontamination if feasible. 				
3.1 Scope definition for expanded U-POPs inventory, priority sector ambient/source PCDD/F monitoring survey and training/TA on BAT/BEP	<p>Scope document defining the expanded U-POPs inventory including a plan for its development and an indicative up-dated draft inventory of the current PCDD/F releases in an agreed format</p> <ul style="list-style-type: none"> • Scope document identifying priority sectors, target sources, a plan for implementing a project monitoring program, and a gap analysis applied to monitoring capability. • Training/TA needs assessment and delivery implementation plan for priority source sectors. 	GEF TF	14,500	27,000	41,500
3.2 Scope definition and implementation arrangements for development/adoption of a National Action Plan on unintentional release reduction inclusive identification of BAT/BEP demonstration opportunities in priority source categories.	<p>Scope document inclusive of relevant TORs and implementation arrangements for development/adoption of a National Action Plan on unintentional release reduction.</p> <ul style="list-style-type: none"> • Scope definition inclusive of TORs, costs, scope, co-financing arrangements and implementation arrangements for BAT/BEP demonstrations for 	GEF TF	12,500	27,000	39,500

	priority source categories.				
4.1 Scope definition and implementation arrangements for development of a POPs/chemicals contaminated sites program including capacity strengthening.	<ul style="list-style-type: none"> • Scope document inclusive of relevant TORs for development of a national POPs contaminated site inventory and policy • Gap analysis applicable to soil and water concentration standards applicable to contaminated site action and clean up including TORs applicable to required standards development • Delivery plan for site assessment and remediation technology training and TA. 	GEF TF	12,000	29,000	41,000
4.2 Design of pilot site assessment, cleanup plans and priority containment/cleanup action demonstration projects	<ul style="list-style-type: none"> • Identification studies determining candidate sites for site assessment, cleanup planning and containment/ clean up action demonstration. • Preparation of site specific scope documents inclusive of TORs, cost estimates, co-financing arrangements and implementation arrangements for site assessment, cleanup design and containment/ clean up action 	GEF TF	15,000	28,000	43,000
5.1 Scope definition for updating and integrating the POPs/chemicals legislative/regulatory framework inclusive of capacity assessments relative to monitoring	<ul style="list-style-type: none"> • Scope documentation on legislative/ regulatory measures required and TORs for undertaking the preparation of necessary regulatory documents. 	GEF TF	13,000	27,000	40,000

and analytical support capability	<ul style="list-style-type: none"> • Gap analysis respecting current POPs monitoring and analytical capability, inclusive of identification, and scope definition applicable to target upgrading initiatives related to certification and training . 				
5.2 Scope definition for POPs/ sound chemicals management training and awareness activities	<ul style="list-style-type: none"> • Scope documentation and associated TORs applicable to industrial and institutional stakeholder awareness training inclusive of implementation partnership arrangements with other Ministries and industrial associations. • Scope documentation and associated TORs applicable to a general POPs/chemicals awareness program inclusive of defining information products proposed. 	GEF TF	5,000	22,000	27,000
6. Development of the consolidated Project Document/GEF CEO Endorsement Request including national stakeholder consultations and workshops on project content	<ul style="list-style-type: none"> • Stakeholder consultation workshops and project preparation materials dissemination required for national endorsement • UNDP Project Document and GEF CEO Project Endorsement Request 	GEF TF	50,000	233,840	283,840
Total Project Preparation Financing			250,000	657,840	907,840

C. FINANCING PLAN SUMMARY FOR PROJECT PREPARATION GRANT: (\$)

	Project Preparation	Agency Fee
Grant Amount	250,000	22,500
Co-financing	657,840	
Total	907,840	22,500

D. PPG AMOUNT REQUESTED BY AGENCY(IES), FOCAL AREA(S) AND COUNTRY(IES)¹

Trust Fund	GEF Agency	Focal Area	Country Name/ Global	(in \$)		
				PPG (a)	Agency Fee (b)	Total c = a + b
GEF TF	UNDP	Persistent Organic Pollu	Turkey	162,000	14,580	176,580
GEF TF	UNIDO	Persistent Organic Pollu	Turkey	88,000	7,920	95,920
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
Total PPG Amount				250,000	22,500	272,500

¹ No need to provide information for this table if it is a single focal area, single country and single GEF Agency project.


E. PPG BUDGET

Cost Items	Total Estimated Person Weeks for Grant (PW)	Grant Amount (\$)	Co-financing (\$)	Total(\$)
Local consultants *	104.00	108,000	115,000	223,000
International consultants*	20.50	82,000	78,000	160,000
Travel		35,000	50,000	85,000
Sampling Kits		10,000		10,000
Workshop Costs		15,000		15,000
Other			414,840	414,840
Total PPG Budget		250,000	657,840	907,840

* Annex A for Consultant cost details should be prepared first before completing this table. See notes on Annex A for the required detailed information. This table is the sum of all local and international consultants presented in Annex A.

F. GEF AGENCY(IES) CERTIFICATION

This request has been prepared in accordance with GEF policies and procedures and meets the GEF LDCF/SCCF Trust Fund criteria for project identification and preparation.

Agency Coordinator, Agency Name	Signature	Date (Month, day, year)	Project Contact Person	Telephone	Email Address
Adriana Dinu Officer in Charge UNDP-GEF		02/11/2013	Dr. Suely Carvalho	(+1)-212-906-6687	suely.carvalho@undp.org

Annex A

Consultants Financed by the Project Preparation Grant (PPG)

Type of Consultant	Position / Titles	\$/ Person Week¹	Estimated PWS²	Tasks to be Performed
Local	National Project Coordinator (Pc)	1200	21.00	<p>Full-time</p> <ul style="list-style-type: none">• Establish, improve and maintain partnership with key Government and other stakeholders and project participants;• Ensure close stakeholder consultations on the project's design and activities (through meetings, workshops, other means of official communication);• Organize and lead as required external stakeholder and public consultations in association with the Ministry of Environmenta and Urbanization (MoEU)• Supervise activities of local consultants (LCs)and international consultants (ICs) on each project component;• Coordinate such activities across components and with counterparts in MoEu and other institutional/external stakeholders. including acting as the principle project interface with other relevant international initiatives and projects such as those associated with SAICM and the EC;• Coordinate negotiations and leverage of co-finance resources under UNDP/UNIDO CO's guidance;• Coordinate daily/weekly/monthly activities of and timely results delivery by LCs, ICs and working level MoEU counterpart resources assigned to project assignments.;• Process the results of the data collection and studies and lead the baseline analysis under guidance of ICs, UNDP/UNIDO CO and RTAs;• With assistance of MoEU, International Regulatory/FSP Documentation Development consultant, other ICs and LCs, lead the project design and formulation of the Full Size Project Document including baseline, logical framework, costs and M&E system; and

				<ul style="list-style-type: none"> • Coordinate and support the negotiation and finalization of co-financing arrangement and commitment documentation with the support of MoEU and the Regulatory/FSP Documentation Development consultant
Local	Waste Management Consultant	1000	15.00	<p>Part Time (Note: Potentially combined with local contaminated sites consultant and environmental assessment assignments depending on qualifications of available experts)</p> <ul style="list-style-type: none"> • Report directly to the project coordinator (PC); • Receive and follow guidance from PC and international POPs waste/contaminated sites consultant; • Coordinate activities with the environmental assessment consultant; • Assist PC and international POPs waste/contaminated sites consultant in establishing stakeholder contacts • For the Merkim HCH stockpile site undertake the following assessment. data collection and technical team tasks: <ul style="list-style-type: none"> - Assess the works undertaken by the enterprises to secure the site and evaluate external contamination; - Jointly with the enterprise undertake a quantitative estimation of stockpile contents inclusive of packaged and unpackaged POPs pesticides, residual contamination materials, potential volume of demolition waste; - Assist the international POPs waste/contaminated sites consultant in developing operational design, cost estimates, and technical specifications for packaging, transport and disposal of POPs pesticides; - Advise the international POPs waste/contaminated sites consultant as required on site clean up standards and data collection for land valuation; and - Jointly with the enterprise, assist the International POPs waste/contaminated sites consultant in developing operational design, cost estimates, and technical specifications applicable to site clean up. • For the collection and disposal of available high concentration PCBs and PCB based equipment undertake the following assessment, data

			<p>collection and technical team tasks:</p> <ul style="list-style-type: none"> - Working with major utilities and private sector owners develop consolidated documentation on historical PCB equipment retirement including replacement and disposal costs incurred tracking of its disposition; - Working with major utilities and private sector owners develop inventory of PCB based equipment potentially available for disposal during the project period inclusive of replacement costs; and - Assist the international POPs waste/contaminated sites consultant in developing operational design, cost estimates, and technical specifications for packaging, transport and disposal of PCB equipment. <ul style="list-style-type: none"> • For the preparation of upgrading/qualification activities applicable to the Izaydas incineration facility, undertake the following assessment, data collection and technical team tasks: <ul style="list-style-type: none"> - Assembly of historical operating and environmental performance history jointly with the local environmental assessment consultant; - Evaluation of procedures and practices in relation to Turkish standards and international BEP jointly with the local environmental assessment consultant; - Evaluation of the facility, design, operating practices and performance in relation to international BAT, jointly with the international POPs waste/contaminated sites. consultant; - Identification of issues and opportunities related to environmental performance improvement jointly with the international POPs waste/contaminated sites consultant; - Assist the international POPs waste/contaminated sites consultant in design of a POPs test burn program to assess emissions and DE/DRE; - Assist the international POPs waste/contaminated sites consultant in assessing the facility's future market competitiveness and potential to operate as a regional POPs destruction resource. • Document the above in technical
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				reports and data sheets suitable for use in developing required sections of FSP, and applicable sections of FSP implementation specifications and TORs
Local	Environmental Assessment Consultant	1000	6.00	<p>Part Time (Note: Potentially combined with local waste mgt consultant assignment depending on qualifications of available experts)</p> <ul style="list-style-type: none"> • Report directly to the project coordinator (PC); • Receive and follow guidance from PC and international POPs waste /contaminated sites consultant; • Coordinate activities with the local waste mgt. consultant; • Assist PC, local waste mgt and international POPs waste mgt/contaminated sites consultants in establishing stakeholder contacts • Support the activities of the local and international waste mgt/contaminated sites consultant in the preliminary environmental assessment of the Izaydas incineration facility inclusive of the following; <ul style="list-style-type: none"> - Assembly of historical operating and environmental performance history; - Assessment of environmental monitoring data; - Evaluation of procedures and practices in relation to Turkish standards and international BAT; - Identification of issues and opportunities related to environmental performance improvement; - Assist in design of a POPs test burn program to assess emissions and DE/DRE; • Support the local and international POPs waste mgt/contaminated sites consultant in identifying impacts potentially associated with the Merkim site; • Support the local contaminated sites consultant in identifying impacts/priorities associated with contaminated sites; • Document the above in technical reports and data sheets suitable for use in developing required sections of FSP, and applicable sections of FSP implementation specifications and TORs.
Local	Pcb Consultant	1000	10.00	Part Time:

			<ul style="list-style-type: none"> • Report directly to the project coordinator (PC); • Receive and follow guidance from PC and international PCB consultant; • Supervise the day to day activities of local PCB field technician/consultants; • Assist PC, and international PCB consultant in establishing stakeholder contacts, specifically among potential holders of PCB containing equipment; • For detailed preparation of Component 2 related to information gathering, testing of regulatory measures, and defining the detailed scope of FSP activities on longer term PCB management, undertake the following assessment, data collection and technical team tasks: <ul style="list-style-type: none"> - Prepare a review of current PCB regulations and their implementation status, and make recommendations on practical aspects of their implementation; - With guidance from MoEU and the international PCB consultant, lead the development and implementation of a pilot program for PCB containing equipment registration and labeling undertaken during the PPG; - Jointly with the international PCB consultant contribute to advice provided to MoEU on the national implementation of registration, labelling and status reporting applied to PCB containing equipment during the FSP, including drafting of scope definition/TORs for FSP supported activities; - Advise MoEU on the design of a pilot sampling program for low level PCB contamination on transformers; - Undergo “train the trainers” training in the sampling transformer oil for PCB content using screening test kits; - With guidance from MoEU and the international PCB consultant, lead the development and implementation of the above pilot sampling program including supervision of the local PCB field consultants; - Jointly with MoEU and the international PCB consultants, participate in the development of the
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				<p>scope definition for a full scale national transformer sampling program to be undertaken during the FSP;</p> <ul style="list-style-type: none"> - Participate in the development of the scope definition and implementation plan for formulation of the national PCB Phase Out Plan to be prepared during in the FSP; - Undertake the data collection and survey activities related to assessment of hazardous waste facility licensing requirements, and the inventory of relevant hazardous waste facilities and service providers; - Based on sampling and inventory work above, assist the international PCB consultant in developing expert working estimates of the quantities and sectoral distribution of transformer equipment potentially have low level PCB contamination; - Assist the international PCB consultant in identifying the technical and management options available within a national PCB phaseout plan for eliminating low level PCB contamination, inclusive of assessing the realistic demand for each option; and - Assist the international PCB consultant in defining national decontamination/disposal facility and service provider requirements for options above, potential commercial arrangements that may apply, comparative economic evaluations for each option above, recommendations for demonstration treatment/ decontamination facility investments that might be pursued within the FSP; and associated co-financing arrangements. • Document the above in technical reports and data sheets suitable for use in developing required sections of FSP, and applicable sections of FSP implementation specifications and TORs.
Local	Field Technician/Consultants -Pcbs (2)	1000	12.00	<p>Part Time</p> <ul style="list-style-type: none"> • Report directly to the local PCB supervisory consultant and by reference to project coordinator (PC); • Receive and follow guidance from the local PCB supervisory consultant, PC and international PCB consultant;

				<ul style="list-style-type: none"> • Coordinate activities with the other local PCB Field technician/consultant; • Assist local PCB supervisory consultant, PC, and international PCB consultant in establishing stakeholder contacts; • For detailed preparation of Component 2 related to undertaking identification of potentially PCB contaminated equipment, pilot PCB sampling, and data gathering with respect to hazardous waste facility and service provider capability, undertake the following assessment, data collection and technical team tasks: <ul style="list-style-type: none"> - Undertake field tasks associated with a pilot program for PCB containing equipment registration and labeling undertaken during the PPG; - Provide practical feedback on the implementation from the above as input into the national implementation of registration, labelling and status reporting applied to PCB containing equipment during the FSP, including drafting of scope definition/TORs for FSP supported activities; - Undergo “train the trainers” training in the sampling transformer oil for PCB content using screening test kits; - Undertake field tasks associated with the implementation of a pilot sampling program for low level PCB contamination on transformers - Provide practical feedback on the implementation from the above as input into the design of a full scale national transformer sampling program to be undertaken during the FSP; and - Support the local PCB consultant in the data collection and survey activities related to assessment of hazardous waste facility licensing requirements, and the inventory of relevant hazardous waste facilities and service providers. • Document the above in field reports and data sheets suitable for use in developing required sections of FSP, and applicable sections of FSP implementation specifications and TORs.
Local	U-Pops Consultant	1000	12.00	Part Time <ul style="list-style-type: none"> • Report directly to the project

				<p>coordinator (PC);</p> <ul style="list-style-type: none"> • Receive and follow guidance from PC and international U-POPs consultant; • Assist MoEU, PC, and the international U-POPs consultant in establishing stakeholder contacts; • For detailed preparation of Component 3, undertake the the following assessment, data collection and technical team tasks; <ul style="list-style-type: none"> - Assist MoEU and the international U-POPs consultant in developing an implementation plan for an expanded U-POPs inventory covering PCDD/F, PCBs and other current POPs as applicable, inclusive of target sector/enterprise identification, resource requirements, cost estimates and applicable TORs; - Undertake the initial updating of the current U-POPs inventory for PCDD/Fs with advice from the international U-POPs consultant using the current UNEP Tool Kit; - Assist MEF and the international U-POPs consultant, in developing an implementation plan for the FSP U-POPs monitoring program, inclusive of target source identification, monitoring capacity upgrading requirements, resource requirements, cost estimates and applicable TORs and technical specifications; - Assist MoEU and the international U-POPs consultant preparation of a training and delivery plan on BAT/BEP applicable to priority source sectors, including consultation with industrial and institutional stakeholders on the plan; - Support the international U-POPs consultant in the scope development of a national U-POPs reduction Action Plan inclusive of resource requirements, consultation activities, cost estimates and applicable TORs; - Lead the identification of candidate sectors and enterprises for BAT/BEP demonstrations to be undertaken during the FSP; - Assist the international U-POPs consultant in development of the scope for BAT/BEP demonstrations including coordination of data collection required for scoping
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				<p>documents, definition of resource requirements, cost estimates, securing co-financing and prepatation of applicable TORs and technical specifications.</p> <ul style="list-style-type: none"> • Document the above in technical reports and data sheets suitable for use in developing required sections of FSP, and applicable sections of FSP implementation specifications and TORs.
Local	Contaminated Sites Consultant	1000	8.00	<p>Part Time (Note: Potentially combined with local waste mgt consultant assignment depending on qualifications of available experts)</p> <ul style="list-style-type: none"> • Report directly to the project coordinator (PC); • Receive and follow guidance from PC and international POPs waste mgt/contaminated sites consultant; • Coordinate activities as required with the local environmental assessment consultant; • Assist PC and international POPs waste mgt/contaminated sites in establishing stakeholder contacts • For the preparation of Component 4 on management capacity for contaminated sites undertake the following t the following assessment. data collection and technical team tasks: <ul style="list-style-type: none"> - Assit MoEU in the preparation of an overall strategy and design approach consistent with the NIP action Plan for use in developing a national POPs/chemicals contaminated sites program; - Prepare an outline of the implementation process that should be used in its development during the FSP including identification of activities, stakeholders, and resource requirements; - Undertake a national capacity assessment applicable to expertise available in the stakeholder and environmental service provider community aplicable to contaminated sites management; - Based on the above develop a delivery plan for training and TA related to site assessment and remediation technology; - Jointly with MoEU and other stakeholders, identify and recommend

				<p>candidate POPs/chemicals contaminated sites to be selected for demonstration site assessment, cleanup design and containment/clean up action; and</p> <p>- Assist the international POPs waste mgt./contaminated sites consultant in the preparation of required site specific technical documentation to undertake the above in the form of specifications, TORs, possible co-financing and implementation arrangements.</p> <ul style="list-style-type: none"> • Document the above in technical reports and data sheets suitable for use in developing required sections of FSP, and applicable sections of FSP implementation specifications and TORs.
(Select)	Additional Local And International Consultants As Follows Listed In An Attachment			

¹ Provide dollar amount per person week.

² Provide person weeks needed to carry out the task