# Appendix 3.a: Technical Offer Form (both the hard copy and soft copy to be submitted in a separate sealed envelope without price information)

**As indicated in the Terms of Reference, the Contractor is requested to provide a Technical Offer for all the services indicated in the Terms of Reference (i.e. ALL three Lots).**

The Bidder shall provide all relevant technical details for the HCH waste disposal technology and of the HCH contaminated soil remediation technology. The data should include at least the information asked for in the following section. Section II provides the templates to be used to provide these technical data and specifications required.

## I Technical data and specifications required

1. General descriptions:
2. Packing, temporary storage and shipment of around 1,601 tons of the HCH waste and the treatment by-products from the δ-HCH waste dump.

General description of the packaging, handling, loading, on-site staging, removal, transport and off site staging (if applicable).

1. Disposal of around 1,601 tons of the HCH waste from the δ-HCH waste dump and the by-products generated during the treatment at a licensed facility abroad.

General description of the final destruction method including technology, evaluation of residual POPs content in solid and liquid residuals and discharges resulted of the disposal operation, post-destruction steps to manage emissions, by-products and residuals, emission and residue control equipment, compliance with emission/releases standards in a country of disposal, annual capacity for general hazardous waste, and separately for chlorinated HCH/wastes), description of the quality systems (and quality control) applied during disposal operations.

1. Installation of the in- and/or ex-situ remediation technology for the remediation of the HCH contaminated soil from the top, inside and aside of the δ-HCH dump by in- and/or in-situ soil remediation of the 4,060 tons HCH contaminated soil and 1,000 tons contaminated concrete or exportation of the HCH contaminated soil/concrete for the off-site treatment abroad.

General description of the pre-treatment processes, i.e. preparation of the soil for the treatment process, including information regarding activities related to the environmental and occupational health risks, logistics, complexity, excavation, screening, i.e. particle size reduction, de-watering, etc.

General description of the treatment technology and process, including information regarding relevant chemical reactions, overall process flow, and the output products from the process of HCH treatment, recommendations on management of the treated soil, the name and category (safety data sheets) of the waste such as waste including solvents, residues and by-products, post-treatment to ensure safe disposal or release of such wastes (quantity, quality, reprocessing, disposal, etc.), revitalization/restoration of the plant site, etc.

1. System specifications, including:
2. Time consumption projection for the clean-up of the delta HCH dump.
3. Range of HCH concentrations that the system is capable of processing; provide a summary of the treatment studies for HCH concentrations like those included in the project, as well as of the other contaminants present at the HCH dumps sites (mercury, chlorobenzenes, etc.), if applicable;
4. Typical operating parameters (e.g., temperature, pressure, etc.) in the pre-treatment and the treatment unit;
5. Destruction Efficiencies (DE) and Destruction and Removal Efficiency (DRE); the bidder shall provide information on DE and DRE in different range of HCH concentration in the soil, as well as of the other contaminants present at the HCH dumps sites (mercury, chlorobenzenes, etc.), if applicable;
6. Required utilities, including electrical power demand (kW), electrical energy consumption (kWh, water consumption, fuel consumption, etc.);
7. Required feedstock chemicals, additives, reagents, solvents and other consumables (e.g. lubricants, compressed air, nitrogen, sodium, etc.) per different range of HCH concentrations, and their characterization on hazardous or non-hazardous ones;
8. Requirements for post-treatment of e.g. waste waters, any gaseous, liquid and solid wastes, etc. in kilograms.
9. Additional technical information:
	1. Characterization and chemical analysis results of all process by-products/residues, including those from solid, liquid and gaseous stream during the operation of the commercially available process; the data should include information on (i) the operation conditions such as inputs and outputs of the process, (ii) detection limits and quality assurance/control data of the employed analytical method, and (iii) qualifications of the testing laboratory;
	2. Quantification of the by-products and residues per different range of HCH concentrations;
	3. The result of chemical constituents and other contaminants found in HCH contaminated soil/waste – Describe what happens to the chlorine content of HCH and chemical structures of HCH and the fate of the other contaminants, if applicable;
	4. Description of process control and details of instrumentation;
	5. Description of the monitoring plan including:
	* monitoring of the successfulness of the treatment by sampling and analyses of treated soil/concrete debris and water samples;
	* monitoring of the environmental media for the possible pollution during the remediation process i.e. controlling of the air emissions, liquid discharges, i.e. effluents, etc. as well as regular medical check up the workers especially at;
	1. Delta dump
	2. Soil treatment plant
	3. Other eventually to be established temporary storages of waste and contaminated soil and contaminated concrete parts
	4. Description of the logistics and infrastructural requirements; the Bidder of the process equipment shall clearly state and specify their needs in terms of area protection, i.e. closed building, hall, supply lines, equipment for handling and storage of the HCH soil connected to the requirements of the treatment process.
	5. List of any other support required from local partners/owners of transformers needed for their operation.
	6. Qualification of the bidding company (including all sub-contractors), including history, years of business, operational experience, and other technical qualifications, accreditations, certifications;
		1. List of independent and accredited laboratories previously used for certifying the processing result of the treatment technology including their address, history, years in business and contact persons.
		2. Supporting documentation of the treatment process to be used including:
10. Explanation of how the overall procedures operates as a treatment system;
11. Detailed description on how the system verifies reaction completion, how emissions and output residues are captured and sampled for assay (including the emissions from the relief valves if applicable and how they can be reprocessed), list with specifications of sampling equipment that bidder is planning to use;
12. Data on when and how frequent “upset” conditions have occurred (that is, conditions when facility operations deviated from the parameters of normal operating conditions), and data on possible releases that may have occurred during those “upset” conditions;
	* 1. Supporting documentation of destruction efficiencies including:
13. Results of chemical analyses of HCH in all solids, liquids and gaseous streams; (including data on the input, sampling time, detection limits and qualifications of the testing laboratory), and analyses of dioxins and furans and the green house gaseous in the output streams, if applicable;
14. Mass balances and other calculations to obtain destruction efficiencies of HCH.
	* 1. Information on the commercial operating history of the technology including:
		2. Company Profile, which should not exceed fifteen (15) pages, including relevant printed brochures and product catalogues relevant to the goods/services being procured;
		3. List of past and current commercial treatment installations, including their addresses and contact information;
		4. The period the treatment facilities were or have been in operation;
		5. The total amounts of HCH that have been processed in the commercial facility that was proposed in the bidding document;
		6. Statement of Satisfactory Performance from the Top (3) clients;
		7. Description of positive and negative experiences in the treatment processes;
		8. Official approvals, certificates and permits issued by governmental agencies and/or institutions documenting approval for installation and performance.
		9. Quality Certificate (e.g., ISO, etc.) and/or other similar certificates, accreditations, awards and citations received by the Bidder, if any;
		10. Supporting documentation on the safety of the technology including:
	1. Identification and analysis of potential risks and hazards (e.g. fire, explosion, leakage, etc.);
	2. Description of all safety design features, safety and emergency procedures, contingency plans, and other approaches for minimizing risks and mitigating hazards;
	3. Occupational safety including blood HCH and solvent concentrations of operators (if not available, provide reasons) and any other parameters that should be tested and health records or other supporting documentation to demonstrate the safety of the technology during operation;
		1. Supporting documentation, including:
		2. Contractor’s project references (as indicated in the Terms of References, chapter 7);
		3. CV’s of the key personnel (as indicated in the Terms of References, chapter 8).

## II Template for technical data and specifications required

For the three main activities A, B and C set in the Chapter 5 of the Terms of References, tables have been included in this section.

Table 1 is the same for the **Packing, temporary storage and shipment of 1,601 tons of the HCH waste and the treatment by-products from the δ-HCH waste dump**

Table 2 is the same for the **Disposal of 1,601 tons of the HCH waste from the δ-HCH waste dump and the by-products generated during the treatment at a licensed facility abroad**.

Table 3 is the same for the **Installation of the in- and/or ex-situ remediation technology for the remediation of the HCH contaminated soil from the top, inside and aside of the δ-HCH dump by on-site (in- and/or in-situ) soil remediation of the 4,060 tons HCH contaminated soil and 1,000 tons contaminated concrete or exportation of the HCH contaminated soil/concrete for off-site treatment abroad.**

If there is not enough space, information could be attached in one or more separate sheets. If certain data is not available or applicable to the technology, the bidder should include an explanation.

Table 1: Packing, temporary storage and shipment of 1,601 tons of the HCH waste and the treatment by-products from the δ-HCH waste dump

|  |  |  |
| --- | --- | --- |
| **1** | **General Descriptions** | ***Information to be provided*** |
| 1.a | General description of the packaging, handling, loading, temporary on-site storage, removal, transport, *off-site storage (if applicable*), waste delivery, acceptance and transhipment of the HCH-waste.Standard Operation Procedures (SOP) to be provided for the following individual activities: | *Use separate sheet* |
| 1.b | Description of packaging of the HCH wasteStandard Operation Procedures (SOP) to be provided | *Use separate sheet* |
| 1.c | Description of the handling of the HCH-wasteStandard Operation Procedures (SOP) to be provided | *Use separate sheet* |
| 1.d | Description of the loading of the HCH-wasteStandard Operation Procedures (SOP) to be provided | *Use separate sheet* |
| 1.e | Description of temporary on-site storageStandard Operation Procedures (SOP) to be provided | *Use separate sheet* |
| 1.f | Description off-site storage (if applicable) incl. description of the infrastructure the facility is equipped with, and provision of national/regional license as hazardous waste storage facility in the concerned country Standard Operation Procedures (SOP) to be provided | *Use separate sheet* |
| 1.g | Description of removalStandard Operation Procedures (SOP) to be provided | *Use separate sheet* |
| 1.h | Description of transportStandard Operation Procedures (SOP) to be provided | *Use separate sheet* |
| 1.i | Description waste delivery, acceptance and transhipment of wasteStandard Operation Procedures to be provided | *Use separate sheet* |

| **2** | **System specifications** | **Information to be provided** |
| --- | --- | --- |
| 2.a | Specifications of the packaging materials  | *Use separate sheet* |

| **3** | **Additional technical information**  | **Information to be provided** |
| --- | --- | --- |
| 3.a | Transport Emergency cards | *Use separate sheet* |
| 3.b | Instructions for Labelling | *Use separate sheet* |
| 3.c  | Safety Data Sheets | *Use separate sheet* |
| 3.d | Waste classification and declaration | *Use separate sheet* |
| 3.e | ADR Transport list | *Use separate sheet* |
| 3.f | Checking driver, vehicle, container and Packaging | *Use separate sheet* |
| 3.g | Analytical equipment used on site for identification/verification (if used) | *Use separate sheet* |

Table 2: Disposal of 1,601 tons of the HCH waste from the δ-HCH waste dump and the by-products generated during the treatment at a licensed facility abroad

|  |  |  |
| --- | --- | --- |
| **1** | **General Descriptions** | ***Information to be provided*** |
| 1.a | Full description of type and final disposal facility, the infrastructure incl. temporary storage, disposal method including technology, process scheme, evaluation of residual POPs content in solid and liquid residuals and discharges resulted of the disposal operation, emission and residue control equipment, compliance with emission/releases standards in the country of disposal, annual capacity for general hazardous waste, and separately for chlorinated HCH/wastes and other POPs wastes, description of the quality systems (and quality control) and emission monitoring practices applied during disposal operations. This example is made for a hazardous waste incinerator.Standard operation Procedures (SOP) to be provided for the individual activities. | *Use separate sheet* |
| 1.b | Description of infrastructure of the facility including overview plan and indication of all auxiliary installations.  | *Use separate sheet(s)* |
| 1.c | Description of temporary storage facility, if used, and indication of maximum permitted storage period.Standard operation Procedures (SOP) to be provided for the individual activities. | *Use separate sheet(s)* |
| 1.d | Description of technology of the final disposal facility including:* General description
* Design and operation
* Generic process scheme
* Overview of wastes to be treated and
	+ Description of treatment of highly chlorinated liquid wastes and Process scheme (see also under System specifications for Related capacity of the total capacity for the treatment of HCH)

Standard operation Procedures (SOP) to be provided for the individual activities. | *Use separate sheet(s)* |
| 1.e | Description of pre-treatment system(s)/steps including process scheme(s) Standard operation Procedures (SOP) to be provided for the individual activities. | *Use separate sheet(s)* |
| 1.f | Description of process gases including:* reaction products of the process
* unintentionally constituents in process gases
* secondary waste streams from purification of process gases

Description for the waste and waste water and streams how they are being removed and how and where finally disposal/treatment/re-use of the generated streams. For disposal at other locations, permits/agreements on disposal to be added.For treatment of waste streams and disposal Standard operation Procedures (SOP) to be provided for the individual activities. | *Use separate sheet(s)* |
| 1.g | Description of process effluents and its treatment and final destination | *Use separate sheet(s)* |
| 1.h | Description of process solid residues both :* bulk residues
* trace contaminated residues

final treatment or disposal at other locations. For the last one permits/agreements on disposal to be added. For treatment of waste streams and disposal Standard operation Procedures (SOP) to be provided for the individual activities. | *Use separate sheet(s)* |
| 1.i | Description on process monitoring such as:* Continuous flue gas monitoring according to air pollution regulations and drainage water sampling.
* Discontinuous flue gas monitoring
* Monthly/annually flue gas monitoring depending on compliance to permits

Standard operation Procedures (SOP) to be provided for the individual activities. | *Use separate sheet(s)* |
| 1.j | Description on operating conditions and performance applied during destruction including any continuous emission monitoring and ability to correlate with specific waste batches that includes wastes that are handled under this contract.Standard operation Procedures (SOP) to be provided for the individual activities. | *Use separate sheet(s)* |
| 1.k | Description measures for Safety and Health for staff at the facility and protection of neighbourhoodStandard operation Procedures (SOP) to be provided for the individual activities. | *Use separate sheet(s)* |

| **2** | **System specifications** | **Information to be provided** |
| --- | --- | --- |
| 2.a | Monitoring * Continuous flue gas monitoring according to air pollution regulations and drainage water sampling.
* Discontinuous flue gas monitoring
* Monthly/annually depending on compliance to permits
* Return POPs/PTS components to the process
* Fly ash tests
* Slag tests
* All sampling according to regulations
 | *Use separate sheet(s)**Use separate sheet(s)**Use separate sheet(s)**Use separate sheet(s)**Use separate sheet(s)**Use separate sheet(s)**Use separate sheet(s)* |

|  |  |  |
| --- | --- | --- |
| 2.c | Total plant capacity Number of kilns used with individual capacity | tons/year*tons/year* |
| 2.c.1 | Related capacity of the total capacity for the treatment of HCH waste with chlorine content from 10-50% as follows: |  |
| 2.c.1 | Related capacity of the total capacity for the treatment of HCH waste with chlorine content from 10% | tons/year |
| 2.c.2 | Related capacity of the total capacity for the treatment of HCH waste with chlorine content from 20% | tons/year |
| 2.c.3 | Related capacity of the total capacity for the treatment of HCH waste with chlorine content from 30% | tons/year |
| 2.c.4 | Related capacity of the total capacity for the treatment of HCH waste with chlorine content from 40% | tons/year |
| 2.c.5 | Related capacity of the total capacity for the treatment of HCH waste with chlorine content from 50% | tons/year |
| 2.d | Kiln temperature  | *°C* |
| 2.d | Destruction efficiency (DE) | *%* |
| 2.d.1 | Destruction removal efficiency DRE | *%* |
| 2.e | Laboratory requirements available such as:Spectroscopic, colorimetric and chromatographic techniques such as:* gas chromatography (GC),
* mass spectrometry (MS), GC/MS,
* inductively coupled plasma spectrometry (ICP),
* ion chromatography (IC),
* polyurethane foam (PUF)
* air monitoring:
* infra red (IR) spectroscopy, standard dust monitors
* fly ash tests, slag tests, wipe tests, titrimetric methods, and mass balance analysis
* other equipment proposed by the Bidder
 | *Provide data per unit and standards of SOPs applied* |
| 2.f | 1. Generated waste (% of input waste):Such as ashes, filter dust and active carbon) 2. Deposited quantity of waste disposed at landfill (% of input waste)Such as ashes, filter dust and active carbon is often disposed at special landfills or salt mines) with max dioxin content 33ng TEQ/kg for ashes and 1200 ng TEQ/kg filter dust (Recovery operation R5) | *%**%* |

| **3** | **Additional technical information**  | **Information to be provided** |
| --- | --- | --- |
| 3.a |  | *Use separate sheet* |
| 3.b |  | *Use separate sheet* |

Table 3: Installation of the in- and/or ex-situ remediation technology for the remediation of the HCH contaminated soil from the top, inside and aside of the δ-HCH dump by in- and/or ex-situ soil remediation of the 4,060 tons and 1,000 tons contaminated concrete or exportation of the HCH contaminated soil/concrete for off-site treatment abroad

|  |  |  |
| --- | --- | --- |
| **1** | **General Descriptions** | ***Information to be provided*** |
| 1.a | Description of the treatment technology and process, including information regarding relevant chemical reactions, overall process flow, and the output products from the process of HCH treatment, the name and category (safety data sheets) of the waste such as waste including solvents, residues and by-products, post-treatment to ensure safe disposal or release of such wastes (quantity, quality, reprocessing, disposal, etc.), revitalization/restoration of the plant site, etc. | *Use separate sheet* |
| 1.b | Description of the pre-treatment processes, i.e. preparation of the soil/concrete debris for the treatment process, including information regarding activities related to the environmental and occupational health risks, logistics, complexity, excavation, screening, i.e. particle size reduction, de-watering, etc. | *Use separate sheet* |
| 1.c | Description of the final destruction method including technology, evaluation of residual POPs content in solid and liquid residuals and discharges resulted of the disposal operation, post-destruction steps to manage emissions, by-products and residuals, emission and residue control equipment, compliance with emission/releases standards in a country of disposal, annual capacity for general hazardous waste, and separately for chlorinated HCH/wastes), description of the quality systems (and quality control) applied during disposal operations.  | *Use separate sheet* |

| **2** | **System specifications** | **Information to be provided** |
| --- | --- | --- |
| 2.a | A minimum processing capacity of the system of 2 tons/hour for HCH-contaminated soil and the contaminated concrete with the concentrations up to 5,000 mg/kgRequirement Fulfilment of criteria in Table 6 from the ToR | *(in tons per hour)* |
| 2.b | Maximum treatable HCH concentration | *(ppm)* |
| 2.c | Summary of treatment studies and full-scale treatment implementations for different HCH concentrations | *Use separate sheet* |
| 2.d | Ability for the treatment broader waste spectrum fractions, i.e. for the contaminants present at the HCH dumps sites and at surrounding production facilities (mercury, chlorobenzenes, DDT, TCB, etc.)  | *Use separate sheet* |
| 2.e | Ability to treat relevant contaminations relevant for future application of the plant for projects in Macedonia broad spectrum of contaminated land contaminations requested e.g. BTEX, PAKs, hydrocarbons, VOCs, Dioxins and furans, petroleum, Chlorinated solvents, PCPs, and other chlorophenols, PCBs and other new POPs and others | *Use separate sheet* |
| 2.f | Planning for the clean-up of the δ-HCH waste dump and final disposal of the HCH waste and the treatment by-products | *(months)* |
| 2.g | Typical operating parameters*Expand table if operating parameters are significantly different for different HCH concentrations* | HCH treatment unit | Other pre-treatment devices |
| 2.h.1 | * Temperature (°C)
 |  |  |
| 2.h.2 | * Pressure (kPa)
 |  |  |
| 2.h.3 | * Concentration of required reactants (specify chemicals and units)
 |  |  |
| 2.h.4 | * Concentration of required catalyst (specify units)
 |  |  |
| 2.h.5 | * Other key operating parameters

Add more columns and rows if necessary |  |  |
| 2.i | Range of HCH concentrations (in ppm) to be stated by the bidder (the following ranges are only as an example)*If applicable, provide this information for the other contaminants present at the HCH dumps sites (mercury, chlorobenzenes, etc.) in separate table* | Destruction Efficiency or DE (in %) | Destruction and Removal Efficiency or DRE (in %) |
|  | From: • < 2500 ppm  |  |  |
|  | * 2500-5000 ppm
 |  |  |
|  | * 5000-10000 ppm
 |  |  |
|  | * 10000-20000 ppm
 |  |  |
| 2.j | Required Utilities | Demand | Consumption |
| 2.j.1 | Electricity (demand in kilowatts and consumption in kilowatt-hours per different range of HCH concentrations) |  |  |
| 2.j.2 | Water (pressure in kilopascals and consumption per phase and different range of HCH concentration) |  |  |
| 2.j.3 | Natural gas (pressure in kilopascals and consumption in kilojoules per different range of HCH concentrations) |  |  |
| 2.j.4 | Steam (pressure in kilopascals and consumption in kilojoules per different range of HCH concentrations) |  |  |
| 2.j.5 | Diesel or other fuels (specify) (consumption in liters per different range of HCH concentrations) |  |  |
| 2.j.6 | Other utilities (specify type of utility and units) |  |  |
| 2.k | Consumable materials | Amount consumed |
| 2.k.1 | Feedstock chemicals and their characterization on hazardous or non-hazardous ones.*List below and add more rows, if necessary* | (in kg per range of HCH concentrations) |
| 2.k.2 | Other consumable supplies, (specify)*List below and add more rows, if necessary* | (specify units) |

|  |  |  |
| --- | --- | --- |
| **3** | **Additional technical information** | **Information to be provided** |
| 3.a | Characterization and analyses of process by-products/residues (solid, liquid and gaseous) solvents, waste generated during the process operation, based on the operation process, and information on their treatment/disposal*Include data on the input, detection limits and qualifications of the testing laboratory* | *(Use separate sheet)* |
| 3.b | Quantification of the by-products and residues per different HCH concentrations taking 1 ton of soil as a calculation base (list below). The following ranges are only as an example. | *(in kg)* |
|  | From: * < 2500 ppm
 |  |
|  | * 2500-5000 ppm
 |  |
|  | * 5000-10000 ppm
 |  |
|  | * 10000-20000 ppm
 |  |
| 3.c | Describe what happens to the chlorine content of HCH and chemical structures of HCH *(including intermediate products)* and the fate of the other contaminants, if applicable |  |
| 3.d | Description of the process control |  |
| 3.e | Description of the monitoring plan including: monitoring of the successfulness of the treatment; monitoring of the environmental media for the eventual pollution during the remediation process; post remediation monitoring |  |
| 3.f | Description of the logistics and infrastructural requirementsThe following equipment’s are only as an example | Specifications |
|  | * Crane
 | *Load (in tons)* |
|  | * Fork lift
 | *Capacity (in tons)* |
|  | * Pumps
 | *Discharge capacity (in m3/h)* |
|  | * Tanks
 | *Capacity (in m3)* |
|  | * Containers
 | *Number & capacity (in m3)* |
|  | Types (specify) of packages for the by-products/residues | *Number of pieces and capacity (in m3)* |
| 3.g | List of any other support required from local partners *List below and add more rows, if necessary* | *Specifications* |

|  |
| --- |
| **Qualifications of the Bidder (including the sub-contractors)**(including history, years of business, operational experience, and other technical qualifications including the total amounts of HCH that have been processed in the commercial facility that was proposed in the bidding document) |
| *Use separate sheet* |
| **CV’s of the key personnel** |
| *Use separate sheets* |
| **List of independent and accredited laboratories used for certifying the processing results of the treatment technology**(including their address, history, years in business and contact persons) |
| *Use separate sheet* |

|  |
| --- |
| **Technical Data Related to the Key Criteria** |

|  |
| --- |
| Supporting Documentation on an HCH treatment process |
| Explanation of how the overall process, operates as a treatment system |  |
| Detailed description on how the system verifies reaction completion, how emissions and output residues are captured and sampled for assay (including the emissions from the relief valves if applicable and how they can be reprocessed) |  |
| Data on when and how frequent “upset” conditions have occurred (that is, conditions when facility operations deviated from the parameters of normal operating conditions), and data on possible releases that may have occurred during those “upset” conditions |  |

|  |
| --- |
| Supporting Documentation on Total Destruction Efficiencies |
| Results of chemical analyses of HCH in all solids, liquids and gaseous streams | *Use a separate sheet**(including data on the input, sampling time, detection limits and qualifications of the testing laboratory), and analyses of dioxins and furans and the green house gaseous in the output streams, if applicably)* |
| Mass balances and other calculations to obtain destruction efficiencies of HCH | *Show calculations on a separate sheet* |

|  |
| --- |
| Information on the commercial operating history of the technology proposed in the bidding document |
| Company Profile including printed brochures and product catalogues relevant to the goods/services being procured; | *Use a separate sheet* |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Past and current commercial installations | Name of contact person, address, telephone, e-mail | Start date of operation/ending date of operation (if applicable) | Total amounts of HCH processed | Description of positive and negative experiences and any past and current litigation |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |
| --- | --- |
| Statement of Satisfactory Performance from the Top (3) clients and signed by the responsible person(s)  | *Use a separate sheet* |
| Official approvals, certificates and permits issued by governmental agencies and/or institutions documenting approval for installation and performance | *Use a separate sheet* |
| Quality Certificate (e.g., ISO, etc.) and/or other similar certificates, accreditations, awards and citations received by the Bidder, if any | *Use a separate sheet* |

|  |
| --- |
| Supporting Documentation on the safety of the technology |
| Identification and analyses of potential risks and hazards | *Use a separate sheet if necessary* |
| Description of all safety design features, safety and emergency procedures, contingency plans, and other approaches for minimizing risks and mitigating hazards | *Use a separate sheet if necessary* |
| Occupational safety including HCH and other present or generated contaminants blood concentrations of workers (if not available, provide reasons) and health records or other supporting documentation to demonstrate the safety of the technology during operation | *Use a separate sheet if necessary* |

|  |
| --- |
| Conformance with the Technology Requirements |
| Is your technical offer in exact conformity with the technology requirements? | *(Yes or No)* |
| If not, indicate there are deviations: |  |

Registered office or other Address of the Bidder: Postal Address:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature of authorized official of Bidder or person otherwise authorized to sign the proposal on behalf of the Bidder:

Name (print): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­­­­­­ Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Title/Position: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Place (City and Country): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_