**Cost Sharing Agreement**

**between**

**Institute for Environmental Research of**

**Tehran University of Medical Sciences**

**And the United Nations Development Program**

Reference is made to the earlier deliberations where the above-mentioned parties agreed to cooperate in the area of air pollution control. The Institute for Environmental Research of Tehran University of Medical Sciences (hereinafter referred to as the “Donor”) decides to make a contribution of USD 72,386 hereinafter referred to as the “Contribution”) to be disbursed in Iranian Rial (see Article 3), to the United Nations Development Programme (hereinafter referred to as “UNDP”), a subsidiary organ of the United Nations, an international organization established by treaty, represented by its Resident Representative, with office at No. 8, Shahrzad Blvd., Darrous, 1948773911, Tehran, Iran, for “procurement of air sampling equipment” (hereinafter referred to as “Project”). Details of the Project has been attached as Project Document.

The Contribution shall be deposited to the following Bank account:

Bank Name: Bank Tejarat

Branch Name: Eskan Main Branch

Rials Account NO: 342515339 B

Bank Code No. : 033

Sheba: IR 16 0180 0000 0000 0342 5153 39

Address: Eskan Buildings, Mirdamad Street, Corner of Valiasr Street, Building No.11

Postal code: 1969613111

The Donor shall inform UNDP when the Contribution is paid and shall provide UNDP with deposit document.

UNDP shall receive and administer the Contribution in accordance with UNDP’s Financial Regulations and Rules, policies and procedures, and on the following terms and conditions:

1. The Contribution shall be paid in one installment within three months upon signing this Agreement.
2. The above schedule of payments takes into account the requirement that the payments shall be made in advance of the execution/implementation of planned activities. It may be amended to be consistent with the progress of project delivery.
3. The value of the payment, if made in a currency other than United States dollars, shall be determined by applying the United Nations operational rate of exchange in effect on the date of payment. Should there be a change in the United Nations operational rate of exchange prior to the full utilization by the UNDP of the payment, the value of the balance of funds still held at that time will be adjusted accordingly. If, in such a case, a loss in the value of the balance of funds is recorded, UNDP shall inform the Donor with a view to determining whether any further financing could be provided by the Donor. Should such further financing not be available, the assistance to be provided to the project may be reduced, suspended or terminated by UNDP.
4. This Contribution will be used exclusively for the Project.

(5)  In accordance with the decisions and directives of UNDP's Executive Board reflected in its Policy on Cost Recovery from Other Resources, the Contribution shall be subject to cost recovery for indirect costs incurred by UNDP headquarters and country office structures in providing General Management Support (GMS) services. To cover these GMS costs, the contribution shall be charged a fee equal to 7%.  Furthermore, as long as they are unequivocally linked to the specific project(s), all direct costs of implementation, including the costs of executing entity or implementing partner, will be identified in the project budget against a relevant budget line and borne by the project accordingly.

(6) The contribution and activities financed therefrom shall be subject exclusively to internal and external auditing procedures provided for in the financial regulations, rules and directives of UNDP. Should an Audit Report of the Board of Auditors of UNDP to its governing body contain observations relevant to the contributions, such information shall be made available to the Donor.

(7) Any payments that remain unexpended after all commitments and liabilities have been satisfied shall be disposed of by UNDP in consultation with the Donor.

1. The Donor and UNDP will consult with each other in respect of any matter that may arise from or in connection with the Grant.

This letter and your acceptance of this contribution on the terms set forth herein shall constitute an agreement between Donor and UNDP on the subject matter hereof.

|  |  |
| --- | --- |
| Acceptance by Government:  Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_    Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_    Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Acceptance by UNDP:  Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_    Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_    Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Project Document**

The purpose of this project is to provide continued support for procurement and importation of air sampling equipment for the measurement of particulate matter with a diameter below 10 and 2.5 microns (PM10 and PM2.5).

**Background**

Air pollution has long been a prime environmental and health consideration in Islamic Republic of Iran’s larger cities, particularly in Tehran.. Investigations suggest that the most hazardous air pollutant in Tehran is the high level of suspended particulate material with the potential to cause cardiovascular and respiratory diseases and other health hazards to citizens.

Over the past several decades, efforts have been underway to mitigate the level of air pollution in urban areas including Tehran. In Tehran the “Comprehensive Air Pollution Control,” a multi-sectoral plan of collaboration between various Government and municipal stakeholders, including the Ministry of Health, is being implemented.

The Institute for Environmental Research (IER), affiliated to the Ministry of Health and Medical Education is one of the parties in charge of air quality monitoring in Tehran and other large cities. The IER’s activities include regular sampling of ambient air for further laboratory examination of the level of PMs in the air as per the specifications attached as Annex I.

This Agreement aims for UNDP to support IER in the procurement of air sampling devices and related accessories.

**Cost Estimate**

The total cost of the items is estimated at USD 72,376 as per the following breakdown:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Cost Items** | **Unit Price USD** | **Quantity** | **Total Cost USD** | **Total estimated cost (USD) including 10% variance** |
| Net Cost of Air Samplers | 10,000 | 4 | 40,000 | 44,000 |
| Pre/Post Shipment Inspection (if any) |  | 1 | 2000 | 2,200 |
| Freight Cost (Air) |  | (4×27 kg) | 10,000 | 11,000 |
| Warehousing and associated expenses (excluding any customs taxes/tariffs) |  | (4×27 kg) | 5,000 | 5,500 |
| Dimensions: |
| 60×60×127 cm |
| Spare parts |  | 4 sets | 4,500 | 4,950 |
| UNDP Admin Fee (7%) |  |  | 3,150 | 4,736 |
| **Total estimated cost** | | | | **72,386** |
| **Note:** Provision of customs tariffs and taxes is not part of this agreement. Any such expenses shall be borne by Donor out of its own resources. | | | | |

**Duration**

The implementation period of this project starts on 20 April 2016 and is planned to end on 31 December 2016.

**Legal Context**

The attached Legal Annex agreed to between the Government of I. R. of Iran and UNDP in August 2010 will serve as the legal context of the project.

**Key Implementing Partner**

UNDP will work with the Institute for Environmental Research of the Ministry of Health and Medical Education of Islamic Republic of Iran as the key implementing partner of the project.

|  |  |
| --- | --- |
| Acceptance by Government:  Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_    Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_    Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Acceptance by UNDP  Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_    Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_    Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**ANNEX 1. High Volume Air Sampler Specification**

**Item 1: PM10 MFC High Volume Particle Sampler**

**Quantity:** 2

**Description:**

* Motor – Brushless Blower Motor Assembly (3-stage Electronic Control Motor)
* Power Specification – 220 V, 50 Hz
* Calibrated Flow Range – 10-60 CFM (CMM required)
* Flow Controller – Mass Flow Controller
* Housing – Anodized Aluminum Outdoor Shelter (with lockable control panel door)
* Timer – Digital
* Filter – Filter Media Holder/Filter Paper Cartridge 8” x 10”
* Standardization – US EPA federal reference method

**Requested Accessories:**

* Gasket 8” x 10” Quantity: 2
* Recorder Pen Point, Red Ink Quantity: 2
* Recorder Charts (100/pk) Quantity: 1
* Micro Quartz Filter Media 8”x10” (25/pk) Quantity: 3
* Silicone Release Spray for PM10 Shim Plate Quantity: 1

or Tube of Release Compound

**Item 2: PM2.5 MFC High Volume Particle Sampler**

**Quantity:** 2

**Description:**

* Motor – Brushless Blower Motor Assembly (3-stage Electronic Control Motor)
* Power Specification – 220 V, 50 Hz
* Calibrated Flow Range – 10-60 CFM (CMM required)
* Flow Controller – Mass Flow Controller
* Housing – Anodized Aluminum Outdoor Shelter (with lockable control panel door)
* Timer – Digital
* Filter – Filter Media Holder/Filter Paper Cartridge 8” x 10”
* Standardization – US EPA federal reference method

**Requested Accessories:**

* Gasket 8” x 10” Quantity: 2
* Recorder Pen Point, Red Ink Quantity: 2
* Recorder Charts (100/pk) Quantity: 1
* Micro Quartz Filter Media 8”x10” (25/pk) Quantity: 3

**Consumable kit for PM2.5 and PM10 for one year is required.**