

**REPUBLIC OF KENYA**

**MINISTRY OF MINING, BLUE ECONOMY & MARITIME AFFAIRS**

**STATE DEPARTMENT FOR MINING**

**ADDENDUM NO. 2**

# TENDER NO. MMBE&MA/SDM/003/2023-2024. SUPPLY AND DELIVERY OF LABORATORY EQUIPMENT (OPEN NATIONAL TENDER)

**Bidders observations**

|  |  |  |
| --- | --- | --- |
| ACCESSORY | USE | COMMENTS/CLARIFICATION |
| Auto sampler | Automatic sample introduction. Different options available according to no of samples and level of automation required. | The higher the level of automation the more expensive the unit. Please confirm if autosampler with 60 place of 15-mL and 8 places of 50-ml capacity is sufficient?  System requested is XZ type which requires a longer tube length to reach the furthest vials. A rotary system Minimizes probe tube length |
| System 3 PFA Inert Sample | Enable analysis of samples containing hydrofluoric (HF) acid | Confirm if you will be using Samples with HF |
| Introduction Kit Organic Solvent | For analysis of organic solvents | Confirm if you will be using Samples with Organic solvents |
| Introduction Kit Humidifier | For Total Dissolved Solid samples. To humidify argon gas and prevent clogging of the torch and nebulizer | Confirm if you will be using Samples with high Total Dissolved Solids |
| LC-ICP-MS Speciation Kits Capillary LC Interface Kit | If ICPMS will be connected to HPLC. | Not required for standalone system |
| Capillary LC Interface Kit | If ICPMS will be connected to HPLC. | Not required for standalone system |
| Chromium Speciation Kit | Can only be used if ICPMS is connected to HPLC - Hence not applicable to ICPMS standalone system | Not required for standalone system |

# Item 1: ICPMS

Please note that practically all available accessories have been listed to be supplied. All accessories will not be needed and will make the equipment very expensive. Please see below explanation of use of each accessory and confirm if it is required in line with your application.

2. Please also note you will need the below to operate the unit, please confirm if we should quote for the same:

* Argon & Helium gas with regulators
* PC/ Printer/ UPS for PC
* 10KVA online UPS
* Fume Extractor

3. Please confirm which is applicable One year or two year warranty

**Response by Procuring Entity**

1. Accessories to Include/Not to Include

|  |  |
| --- | --- |
| **Item** | **Needed/Not needed** |
| Auto sampler | **Needed (60 x 15-mL and 8 x50-ml)** |
| System 3 PFA Inert Sample | **Not needed (remove)** |
| Introduction Kit Organic Solvent | **Not needed (remove)** |
| Introduction Kit Humidifier | **Include (remove)** |
| LC-ICP-MS Speciation Kits Capillary LC Interface Kit | **Not needed (remove)** |
| Capillary LC Interface Kit | **Not needed (remove)** |
| Arsenic Speciation Kit | **Not needed (remove)** |

2. **Additional items to include:**

* Argon & Helium gas with regulators
* PC, Printer and UPS for PC
* 10KVA online UPS
* Fume Extractor

3. One year warranty

**HEAD, SUPPLY CHAIN MANAGEMENT SERVICES**

**FOR: PRINCIPAL SECRETARY**

**STATE DEPARTMENT FOR MINING**