

**The Leprosy Mission Nepal**

**Godawari 6, Lele, Lalitpur, Nepal**

**Post Box No. 151, email: Anandaban@tlmnepal.org**

COMPETITIVE BID (CB)

|  |
| --- |
| AGENCY'S CONTACT INFORMATION |
| Name: | The Leprosy Mission Nepal | Phone: | 9760814792 |
| Address: | Godawari 6, Lalitpur, Nepal | Email: | <procurement@tlmnepal.org>,  |

Instructions:

* Bids should be submitted in closed envelop with affixing LAHA CHHAP by clearly mentioning the contract number and goods or service categories indicating in the bid notice within the specified time and date.

In the following address

The Leprosy Mission Nepal

Anandaban Hospital

Procurement department 9860562412

Godawari 6 Lalitpur,

|  |  |
| --- | --- |
| MAILING ADDRESS: | BID OPENING LOCATION: |
| The Leprosy Mission NepalAnandaban hospitalGodawari 6 Lalitpur, 9760814792 ,9860562412 | The Leprosy Mission NepalAnandaban hospitalGodawari 6 Lalitpur, 9760814792 ,9860562412 |

|  |
| --- |
| VENDOR INFORMATION |
| Company Name: |  |
| Contact Name(type or print): |  | Title |  |
| Address: |  |
|  |  |  |  | Year of Registration |  |
| Telephone Number: |  | Fax Number: |  |
| E-Mail Address: |  | VAT/PN Number: |  |
| Name of any five Key client regular supply 1) 2)3) 4) 5)  |
| Business Designation (check one): | Individual [ ] | Sole Proprietorship [ ] | Public Service Corp [ ] |
| Partnership [ ] | Corporation [ ] | Government/ Nonprofit [ ] |

BID FORMAT

Any statement in this document that contains the word “will”, “must” or “shall” means that compliance with the intent of the statement is mandatory, and failure by the bidder to satisfy that intent will cause the bid to be rejected.

All bid pricing must be for unit rate in Nepalese currency.

COST

All charges should be included on the Official Bid Price Sheet(s) which includes all associated costs (including transportation) for the goods or services being bid. The bid price should exclude other duties and sales taxes if any and should disclose in the footnote.

**VALIDITY OF BID PRICE**

Bid pricing should be valid for till the purchasing process not completed.

**CONTRACT:**

Contract between TLMN and successive vendor shall be remain till the expiry of warranty period.

**Required Documents**

The following documents are submitted along with the price bid (Yes/No):

|  |  |  |  |
| --- | --- | --- | --- |
| **SN** | **Particular** | **Yes** | **No** |
| a | Registration Certificate of organization with appropriate authority of govt of Nepal |  |  |
| b | Update Tax / VAT clearance Certificate of FY 2080/81 |  |  |
| c | Latest VAT/Tax return filing document for the current fiscal year |  |  |
| d | Organization Profile |  |  |
| e | Satisfactory past performance record from clients (to justify the experience) |  |  |
| f | letter of permission from the appropriate authority of the govt (for dealing of the goods or services for the government as per relevant law) |  |  |
| g | Sole distributor/ Dealership of goods or services (if applicable) |  |  |

SCOPE

Lab Equipments

AWARD CRITERIA AND RESPONSIBILITY

Bids must meet or exceed all defined specifications. Bids must meet all terms and conditions of this Competitive Bid and the requirements of TLMN.

DELIVERY

All deliveries must be at Anandaban Hospital. Loss or damage that occurs during transportation, prior to the order being received by the TLMN, is the vendor’s responsibility. All orders should be properly packaged to prevent damage during transpiration.

PAYMENT AND INVOICE PROVISIONS

All invoices according to the bidding price shall be forwarded to the:

Anandaban Hospital

Payment will be made in accordance with applicable accounting procedures upon acceptance by the TLMN authority. Applicable TDS shall be deducted from invoicing price as per the Income Tax Act of nation. The TLMN may not be invoiced in advance of delivery and acceptance of any equipment, service or commodity. Payment will be made only after the contractor has successfully verified by the TLMN as to the goods and/or services purchased. Vendors should invoice the agency by an itemized list of charges. Purchase Order Number and/or Contract Number should be referenced on each invoice as applicable.

Official Bid Price Sheet for Lab Equipment

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SN | Item Description/ Specification/ Brand | Est. Qty | Unit Price | Remarks |
| 1. | -80° Freezer **General Description**: An upright ULT freezer with a capacity of 740 liters, suitable for laboratories requiring substantial storage space.**Key Specifications**:* **Capacity**: 740 liters
* **Temperature Range**: -50°C to -86°C
* **Cooling System**: Air-cooled
* **Insulation**: Vacuum-insulated panels reinforced with polyurethane foam
* **Inner Compartments**: 5
* **External Dimensions (D x W x H)**: 98 x 109.9 x 197.3 cm
* **Internal Dimensions (D x W x H)**: 62.1 x 86.5 x 139 cm
* **Refrigerants**: Environmentally friendly R290/R170
* **Backup System**: CO₂ backup (factory installed)
* **Certifications**: CE, ISO 9001
* **Power Supply**: Integrated voltage inverter for flexible usage with 100–230 V mains/power supply

**Features**:* Natural refrigerants for sustainable cooling
* Automated vent port for quick re-access to samples
* Ergonomic door handles for easy operation
* Personalized access control for enhanced sample security
* Heavy-duty casters for easy movement
* Intuitive user interface with data export via USB
* Lockable security plate to prevent accidental shut-off
* Reduced power consumption for lower operating costs
* Quiet operation for a better working environment
 | 1 |   |   |
| 2.  | **Autoclave** **Material and Construction*** **Material**: High-quality **stainless steel** with triple jacket layering for enhanced durability, corrosion resistance, and a hygienic sterilization environment with the capacity of around 30 liters.
* **Construction**
	+ Seamless design to eliminate joints and welding, ensuring no bacteria residues or dirt accumulation.
	+ Robust build to withstand repeated sterilization cycles and high-pressure conditions.

**2. Design Features*** **Portability**: Compact and lightweight design for easy transport and installation in various locations.
* **Convenient Lid Design**:
	+ Ergonomically designed lid for secure sealing and easy operation.
	+ Equipped with a **top handle** for safe handling.

**3. Safety Features*** **Pressure Gauge**: Provides accurate real-time pressure readings during operation.
* **Pressure Release Valve**: Ensures safety by releasing excess pressure to prevent hazards.

**4. Sterilization Performance*** **Efficiency**: Reliable and effective sterilization for a wide range of instruments and materials, including glassware, surgical tools, and lab media.
* **Versatility**: Suitable for both laboratory and medical applications requiring hygienic and precise sterilization processes.

**5. Additional Features*** **Durable Stand**: Equipped with a sturdy stand to provide stability during operation.
* **Ease of Use**: User-friendly controls for temperature and pressure adjustments to suit varying sterilization needs.
 | 1 |  |  |
| 3. | **Millipore Water Purification System****General Description*** A laboratory-grade water purification system designed for producing ultrapure and pure water to meet the demands of molecular biology, microbiology, analytical chemistry, and other scientific applications.

**2. System Configuration*** **Type**: Benchtop or wall-mounted system.
* **Output**: Multiple water grades, including ultrapure (Type I) and pure water (Type II/III), suitable for various laboratory applications.
* **Reservoir Capacity**: 10–60 liters, depending on laboratory requirements.

**3. Purification Technologies*** **Pretreatment**: Removes particulates, chlorine, and organic contaminants.
* **Reverse Osmosis (RO)**: Eliminates up to 99% of ions and large molecules.
* **Deionization (DI)**: Dual-cartridge deionization for ion removal.
* **Ultrafiltration (UF)**: Ensures the removal of pyrogens, endotoxins, and nucleases (RNase/DNase).
* **UV Treatment**: Integrated UV lamp (254 nm and/or 185 nm) for microbial control and organic carbon reduction.
* **Final Filtration**: 0.22 μm point-of-use filter to remove particulates and microbes.

**4. Technical Specifications*** **Water Quality**:
	+ Resistivity: 18.2 MΩ·cm at 25°C (Type I).
	+ Total Organic Carbon (TOC): ≤5 ppb for ultrapure water.
	+ Particulates: ≤1 particle/mL (≥0.2 μm).
	+ Microbial Content: ≤1 CFU/mL.
	+ RNase/DNase-Free Certification: Ensures purity for molecular biology applications.
* **Flow Rate**:
	+ Type I: 1–2 liters/min.
	+ Type II: 10–20 liters/hour.

**5. Display and Control*** **User Interface**:
	+ Digital touchscreen or LCD display for monitoring water quality (resistivity, TOC, temperature).
	+ Indicators for cartridge replacement, system status, and maintenance alerts.
* **Automation**:
	+ Auto rinse and recirculation to maintain water purity during idle periods.
	+ Standby mode for energy conservation.

**6. Material and Build*** **External Material**: High-quality, corrosion-resistant polymer housing.
* **Tubing and Fittings**: Non-leaching, inert materials to maintain water purity.
* **Reservoir Construction**: Opaque, UV-resistant polyethylene or polypropylene to protect against contamination.

**7. Safety and Compliance*** **Certifications**:
	+ ISO 9001, CE marking.
	+ Compliance with ASTM, CLSI, and ISO water quality standards.
* **Safety Features**:
	+ Pressure sensors to prevent overloading.
	+ Automatic shutdown in case of system faults.

**8. Maintenance and Accessories*** **Cartridge Replacement**: Easy-access design for replacing filters and cartridges.
* **Included Accessories**:
	+ Pretreatment filters.
	+ RO and DI cartridges.
	+ Final filter and UV lamp.
	+ User manual and installation guide.

**9. Operating Environment*** **Temperature**: 5°C to 35°C.
* **Power Supply**:
	+ Voltage: 100–240V AC, 50/60 Hz.
	+ Power Consumption: ≤100 W.

**10. Applications*** Suitable for:
	+ HPLC, GC-MS, and other analytical techniques.
	+ Cell culture and molecular biology experiments.
	+ Preparation of buffers, media, and reagents.
	+ Washing laboratory glassware and instruments.
 | 1 |   |   |
| 4 | **Ice Maker****General Description*** An ice maker designed for laboratory use, capable of producing high-quality, hygienic ice suitable for cooling samples, reagents, and laboratory materials.

**2. Capacity and Output*** **Ice Production Capacity**: 20–50 kg/day (adjustable based on laboratory requirements).
* **Storage Capacity**: Built-in storage bin with a capacity of 10–25 kg to store ice after production.
* **Ice Type**: Options for flake, nugget, or cube ice, depending on laboratory needs.

**3. Material and Construction*** **Exterior**: Made of high-quality **stainless steel** for durability and corrosion resistance.
* **Interior**: Non-toxic, food-grade plastic or stainless steel to maintain hygiene.
* **Insulation**: High-density foam insulation to keep ice cool for extended periods.
* **Design**: Compact and space-saving design suitable for laboratory environments.

**4. Cooling and Power Specifications*** **Cooling System**:
	+ Air-cooled or water-cooled system for efficient ice production.
	+ Environmentally friendly refrigerants (e.g., R134a or R290).
* **Power Supply**:
	+ Voltage: 220–240V, 50/60 Hz AC, single phase.
	+ Power Consumption: Energy-efficient operation, ≤500 W.

**5. Performance Features*** **Rapid Ice Production**: Quick start and continuous operation for uninterrupted supply.
* **Self-Cleaning Function**: Automatic cleaning cycle to ensure hygiene and ease of maintenance.
* **Ice Quality**: Transparent, impurity-free ice suitable for laboratory-grade applications.

**6. Control System*** **User Interface**: Digital control panel with indicators for power, water level, and ice-making status.
* **Automation**: Auto shutoff when the storage bin is full or in case of low water supply.

**7. Safety Features*** Overload protection for the motor and compressor.
* Water supply safety sensor to prevent dry operation.
* Durable and leak-proof design to prevent spillage or contamination.

**8. Accessories and Maintenance*** Included accessories: Water inlet hose, cleaning brush, and user manual.
* Easy access to internal components for routine maintenance and servicing.

**9. Operating Environment*** Suitable for operation in ambient temperatures of 5°C to 35°C.
* Compact design to fit into laboratory spaces with limited room.

**10. Standards and Certifications*** Compliant with international safety and hygiene standards (e.g., CE, ISO).
* Designed to meet laboratory-specific quality requirements.
 | 1 |  |  |
| 5 | **Double Distillation Plant (Glass/Steel) Specifications****1. General Specifications:*** **Material of Construction:**
	+ **Glass:** Borosilicate glass (Pyrex) for high purity and chemical resistance (laboratory).
	+ **Steel:** Stainless Steel (SS 316/304) for durability and corrosion resistance (industrial).
* **Capacity:**
	+ **Laboratory Scale:** 2 L to 10 L/hour.
	+ **Industrial Scale:** 50 L to several hundred L/hour.

**2. Key Components:*** **First Distillation Column:**
	+ **Material:** Glass (Borosilicate) or Stainless Steel (SS 316/304).
	+ **Type:** Simple or Fractionating Column.
	+ **Height:** 500 mm to 2 m (depending on scale).
* **Second Distillation Column:**
	+ **Material:** Same as first column.
	+ **Height:** Shorter for second-stage purification.
* **Condensation Unit:**
	+ **Condenser:** Water-cooled (common for laboratory), air-cooled (industrial).
	+ **Cooling Type:** Water-cooled for smaller systems; air-cooled for larger systems.
* **Receiving Flask:**
	+ **Material:** Glass (borosilicate) or Stainless Steel.
	+ **Capacity:** 1-5 L (laboratory), 10 L or more (industrial).

**3. Heating System:*** **Type:** Electric Heater (laboratory).
* **Power:** 500W to 3 kW (depending on system size).
* **Temperature Control:** Adjustable thermostat or digital controller.
* **Safety Features:**
	+ Over-temperature protection.
	+ Pressure relief valve (industrial models).
	+ Explosion-proof heating element (for volatile substances).

**4. Distillation Process:*** **First Stage:** The raw liquid is vaporized, impurities removed through condensation.
* **Second Stage:** Further distillation of the first distillate for higher purity.
* **Purity Level:** Typically 99.9% (water); depends on boiling points for chemicals/solvents.

**5. Cooling System:*** **Condenser:** Air-cooled (small systems) or water-cooled (larger units, double-walled for efficiency).
* **Cooling Water Flow:** 2–5 L/min for smaller systems.
* **Cooling Source:** Steady or recirculated water supply.

**6. Control System:*** **Manual/Automated Control:**
	+ Manual (Laboratory): Adjustable temperature and cooling.
	+ Automated (Industrial): PLC or touchscreen for temperature, flow rate, and system monitoring.
* **Indicators:** Temperature gauges, flow meters for distillation and cooling.

**7. Safety Features:*** **Pressure Relief Valve:** For industrial units to prevent overpressure.
* **Auto Shut-off:** For overheating or malfunction.
* **Thermal Insulation:** For safety and energy efficiency.

**8. Maintenance:*** **Cleaning:** Glass is easy to clean; stainless steel requires more attention to avoid corrosion.
* **Parts Replacement:** Regular replacement of gaskets, seals, and heating elements as needed.

**9. Environmental Considerations:*** **Energy Consumption:** Energy-efficient models for industrial applications.
* **Water Usage:** Significant for larger systems; may require recirculating water systems.

**10. Documentation & Certification:*** **Compliance:** CE Marking, RoHS, ISO Certification for safety and quality.
* **Warranty:** 1–2 years for mechanical/electrical components.
* **Support:** After-sales service for troubleshooting and parts replacement.
 | 1 |   |   |
| 6. | Horizontal Lab Roller Mixer Specifications**1. General Specifications:*** **Applications:**
	+ Gentle mixing of liquids, suspensions, and small-scale chemical/biological reactions.
	+ Common uses include mixing reagents, cell cultures, chemicals, and biological samples.
	+ Ideal for applications requiring consistent rolling motion.

**2. Mechanical Specifications:*** **Roller Mechanism:**
	+ **Speed:** Adjustable from 5 rpm to 80 rpm for precise mixing.
	+ **Rollers:** 4 to 6 rollers, 30 mm to 50 mm diameter, made of PVC or rubber for chemical resistance and durability.
	+ **Roller Length:** 300 mm to 600 mm depending on model and number of tubes/bottles.
* **Mixer Body and Frame:**
	+ **Material:** Powder-coated steel or high-impact plastic for durability; rollers made from PVC/rubber.
	+ **Design:** Compact, benchtop size with non-slip or suction feet for stability.
* **Speed Control:**
	+ **Electronic Speed Controller** for adjusting roller speed.
	+ **Speed Display:** Digital or analog display for easy monitoring.

**3. Electrical Specifications:*** **Voltage:** 100V to 240V AC.
* **Frequency:** 50/60 Hz.
* **Power Consumption:** 30W to 100W, depending on the model.
* **Power Cord:** 3-prong grounded plug.
* **Overload Protection:** Built-in to prevent motor damage.

**4. Operational Features:*** **Timer Function:** Adjustable timer (1 to 99 minutes) for automatic shut-off.
* **Continuous Operation:** Allows for uninterrupted mixing over extended periods.
* **Low Noise:** Operates at < 50 dB for a quiet environment.
* **Temperature Range:** Operates within ambient temperatures (5°C to 40°C).

**5. Safety Features:*** **Overcurrent Protection:** Prevents internal circuit damage.
* **Non-slip Base:** Anti-vibration feet for stability.
* **Sealed Motor:** Protects from dust and chemicals.
* **Optional Enclosed System:** Minimizes risk of contamination.

**6. Maintenance and Cleaning:*** **Easy Cleaning:** Rollers and body are resistant to chemical agents and easy to wipe/clean.
* **Lubrication:** Regular inspection and lubrication may be needed for smooth operation.
* **Minimal Maintenance:** Ensures long-term, trouble-free performance.

**7. Size and Dimensions:*** **Dimensions:** Typically 300 mm (L) x 200 mm (W) x 150 mm (H).
* **Weight:** 2.5 kg to 5 kg, easy to move and place on benchtops.

**8. Compliance and Certification:*** **Certifications:** CE Marking, RoHS compliant.
* **Safety Standards:** Meets international laboratory safety standards for electrical equipment.

**9. Warranty and Support:*** **Warranty:** Typically a 2-year warranty covering defects in materials or workmanship.
* **Support:** After-sales support for troubleshooting and parts replacement.
 | 1 |   |   |
| 7. | Biosafety Cabinet (BSL II) Specifications**1. General Specifications:*** **Type:** Class II Biosafety Cabinet (BSL II) for protection of operator and environment when handling biohazardous materials (e.g., bacteria, viruses, recombinant DNA).
* **Applications:** Microbiological, biomedical, and pharmaceutical research. Suitable for low to moderate-risk pathogens.
* **Compliance Standards:** ANSI/NSF 49, ISO 14644, CDC/NIH BMBL guidelines.

**2. Design and Construction:*** **Materials:**
	+ **Cabinet Body:** Powder-coated steel or stainless steel (SS 304/316).
	+ **Work Surface:** Stainless steel or laminate (chemical-resistant).
	+ **Side Walls:** Transparent tempered safety glass.
* **Airflow Design:**
	+ **Airflow Type:** Vertical laminar flow with HEPA-filtered exhaust.
	+ **Inflow Velocity:** 0.35–0.50 m/s.
	+ **Exhaust:** HEPA filter with 99.99% efficiency.
* **Dimensions:**
	+ **Exterior:** ~1.2 m (W) x 0.8 m (D) x 2.0 m (H).
	+ **Interior:** ~1.0 m (W) x 0.6 m (D) x 0.8 m (H).
	+ **Weight:** 150–300 kg (varies by model).

**3. Air Filtration System:*** **Primary & Exhaust Filters:** HEPA filters (99.99% efficiency at 0.3 microns).
* **Pre-filters:** Optional for extended filter life.
* **Filter Life:** 2–5 years, depending on usage.

**4. Airflow Monitoring and Controls:*** **Airflow Velocity:** Digital airflow monitors or sensors.
* **Alarm System:** Visual & audible alerts for airflow malfunctions or filter integrity issues.
* **Adjustable Airflow:** Variable speed fans for precise airflow control.

**5. UV-C Sterilization (Optional):*** **UV Lamp:** Germicidal UV-C (253.7 nm) to decontaminate surfaces and air.
* **Safety:** UV interlock ensures UV light turns off when sash is open.

**6. Work Surface and Access:*** **Sash:** Sliding front sash with ergonomic handle.
* **Sash Height:** Adjustable between 300 mm–500 mm.
* **Work Surface:** Chemical-resistant, non-porous stainless steel or laminate.
* **Ergonomics:** Designed for working heights of 900–1100 mm.

**7. Electrical Specifications:*** **Voltage:** 110V to 240V AC.
* **Frequency:** 50/60 Hz.
* **Power Consumption:** 500W to 1500W.
* **Electrical Protection:** Overcurrent protection.

**8. Safety Features:*** **Sash Position Sensor:** Alerts if sash is open beyond safe height.
* **Alarm System:** For airflow issues, HEPA clogging, or UV malfunction.
* **Pressure Relief:** Ensures cabinet integrity during airflow changes.
* **Sealed Front/Rear:** Prevents contaminant leakage.

**9. Maintenance and Cleaning:*** **Easy-to-Clean Surfaces:** Non-porous for simple decontamination.
* **Filter Replacement:** HEPA filters and UV lamps should be replaced regularly.
* **Maintenance Schedule:** Annual checks for airflow and UV lamps.

**10. Certifications and Compliance:*** **Certifications:** CE, UL Listed, NSF/ANSI 49, ISO 14644-1.
* **Safety Standards:** Meets OSHA and NIH standards.

**11. Warranty and Support:*** **Warranty:** 1–2 years for defects in materials/workmanship.
* **Customer Support:** After-sales troubleshooting and parts replacement.
 | 1 |   |   |
| 8 | Glass Tissue Homogenizer**1. General Specifications*** **Type**: Manual tissue homogenizer for biological samples.
* **Applications**: Used for homogenizing tissues, cells, and small samples in molecular biology, biochemistry, and biomedical research, especially for **DNA/RNA extraction**, **protein analysis**, and **cell disruption**.
* **Compliance**: CE Marking, RoHS Compliant.

**2. Design and Construction*** **Material**:
	+ **Body**: High-quality borosilicate glass (Pyrex) for durability and chemical resistance.
	+ **Piston/Plunger**: glass for contamination-free homogenization.
	+ **Housing**: Stainless steel or plastic for easy handling.
* **Capacity**: Typically designed for **15 mL** sample volume.
* **Type**: Manual operation (hand pressure required).
* **Design Features**: Ergonomic handle for easy use; precision fit pestle and mortar for optimal homogenization; detachable components for cleaning and sterilization.

**3. Performance Features*** **Homogenization Action**: High shear force and grinding motion for efficient tissue disruption.
* **Piston/Plunger Size**: Typically, **10 mm** for optimal tissue breakdown.
* **Efficiency**: Suitable for small sample volumes, minimizing heat generation, especially for heat-sensitive materials.

**4. Accessories and Features*** **Pestle Designs**: Available in **smooth** (standard), **serrated**, and **tapered** designs, depending on the tissue type.
* **Sample Preparation Tubes**: Glass tubes with tight-fitting lids to ensure contamination-free homogenization.
* **Cooling Features**: Optional use of **ice baths** or **cooling jackets** for temperature-sensitive samples.

**5. Cleaning and Maintenance*** **Cleaning**: Easily cleaned with mild detergents; non-glass parts can be wiped with alcohol or similar solvents.
* **Maintenance**: Low maintenance; regular inspection for wear on the piston and cleaning to prevent contamination.

**6. Safety Features*** **Safety Standards**: Complies with global laboratory safety standards.
* **Design**: Robust construction with a shock-resistant housing to ensure safety during operation.

**7. Size and Dimensions*** **Dimensions**: Varies depending on the model, typically **200-250 mm in height**.
* **Weight**: Approximately **500 g to 1 kg** (manual models).
 | 1 |   |   |
| 9 | Semi-auto Biochemistry analyzer**General Specifications:*** **Type:** Semi-Automatic Biochemistry Analyzer
* **Applications:** Clinical chemistry, routine biochemical testing
* **Sample Type:** Serum, plasma, urine, whole blood
* **Test Method:** Colorimetric, end-point, and kinetic assays
* **Sample Volume:** 1-10 µL per test

**2. Key Features:*** **Number of Parameters:** 7 (e.g., Bilirubin, Glucose, Urea, Creatinine, etc.)
* **Throughput:** Up to 50 tests/hour
* **Display:** LCD screen for easy operation and result reading
* **Rerun and Dilution:** Manual rerun capability for critical tests
* **Reagent Volume:** Low reagent consumption
* **Calibration:** Automatic calibration for high accuracy

**3. Performance:*** **Precision:** High reproducibility and accuracy
* **Wavelength Range:** 340-700 nm (using colorimetric reactions)
* **Storage:** Up to 200 test results
* **Error Alerts:** Built-in error detection and warning systems

**4. Operating Environment:*** **Power Supply:** 220V ± 10% AC
* **Temperature Range:** 15°C to 30°C
* **Humidity:** 80% RH max (non-condensing)

**5. Dimensions and Weight:*** **Size:** Compact, benchtop design (approx. 450 x 350 x 200 mm)
* **Weight:** Around 5-6 kg

**6. Safety and Maintenance:*** **Cleaning:** Easy to clean and maintain
* **Warranty:** Typically, 2 years

**7. Certifications:*** **CE Marked** for safety and performance standards.
 | 1 |   |   |

Sub Total

 VAT

 GRAND TOTAL \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(Please provide details features and Catalogs in different sheet for each machine)

STANDARD TERMS AND CONDITION

GENERAL: Any special terms and conditions included in the invitation for bid override these standard terms and conditions. The standard terms and conditions and any special terms and conditions become part of any contract entered if any or all parts of the bid are accepted by the State of Arkansas.

ACCEPTANCE AND REJECTION: The State reserves the right to accept or reject all or any part of a bid or all bids, to waive minor technicalities, and to award the bid to best serve the interest of the State.

BID SUBMISSION: Bids must be submitted to the TLMN on this form, with attachments when appropriate, on or before the date and time specified for bid opening. If this form is not used, the bid may be rejected. The bid must be typed or printed in ink but should not be overwrite on the text. If it required, it should be clearly mentioned over or under it by striking out the text and sign it accordingly the signature must be in ink printed name. Each page should be signed and affix with the office seal. Unsigned or unprinted name bids will be disqualified. The person signing or name printed the bid should show title or authority to bind his firm in a contract. Each bid should be placed in a separate envelope completely and properly identified. Late bids will not be considered under any circumstances. Any intended vendor could participate for more than one category of the goods or services as mentioned in the bid notice but bid document should be separately submitted in the prescribed form.

PRICES : BID unit Price in destination. In case of errors in extension, unit prices shall govern. Prices are firm and not subject to escalation unless otherwise specified in the bid invitation. Unless otherwise specified, the bid must be firm for acceptance for thirty days from the bid opening date. "Discount from list" bids are not acceptable unless requested in the bid invitation.

QUANTITIES: Quantities stated in term contracts are estimates only and are not guaranteed. Bid unit price on the estimated quantity and unit of measure specified. TLMN may order more or less than the estimated quantity depends upon the actual consumption of the goods.

BRAND NAME REFERENCES: Any catalog brand name or manufacturer’s reference used in the bid invitation is descriptive only, not restrictive, and used to indicate the type and quality desired. Bids on brands of like nature and quality will be considered. If bidding on other than referenced specifications, the bid must show the manufacturer, brand or trade name, and other descriptions, and should include the manufacturer's illustrations and complete descriptions of the product offered. The TLMN reserves the right to determine whether a substitute offered is equivalent to and meets the standards of the item specified, and the TLMN may require the bidder to supply additional descriptive material. The bidder guarantees that the product offered will meet or exceed specifications identified in this bid invitation. If the bidder takes no exception to specifications or reference data in this bid he will be required to furnish the product according to brand names, numbers, etc., as specified in the invitation.

GUARANTY: All items bid shall be newly manufactured, in first-class condition, latest model and design, including, where applicable, containers suitable for shipment and storage, unless otherwise indicated in the bid invitation. The bidder hereby guarantees that everything furnished hereunder will be free from defects in design, workmanship and material, that if sold by drawing, sample or specification, it will conform thereto and will serve the function for which it was furnished. The bidder further guarantees that if the items furnished hereunder are to be installed by the bidder, such items will function properly when installed. The bidder also guarantees that all applicable laws have been complied with relating to construction, packaging, labeling and registration. The bidder’s obligations under this paragraph shall survive for a period of one year from the date of delivery, unless otherwise specified herein.

SAMPLES: Samples or demonstrators, when requested, must be furnished free of expense to the TLMN. Each sample should be marked with the bidder’s name and address, bid number and item number. If samples are not destroyed during reasonable examination, they will be returned at bidder's expense, if requested, within ten days following the opening of bids. All demonstrators will be returned after reasonable examination.

TESTING PROCEDURES FOR SPECIFICATIONS COMPLIANCE: Tests may be performed on samples or demonstrators submitted with the bid or on samples taken from the regular supply. In the event products tested fail to meet or exceed all conditions and requirements of the specifications, the cost of the sample used, and the reasonable cost of the testing shall be borne by the bidder.

AMENDMENTS: The bid cannot be altered or amended after the bid opening except as permitted by regulation.

TAXES AND TRADE DISCOUNTS: Do not include taxes in the bid price. Trade discounts should be deducted from the unit price and the net price should be shown in the bid.

AWARD: Term Contract: A contract award will be issued to the successful bidder. It results in a binding obligation without further action by either party. Transportation is authorized by the receipt of a purchase order from the ordering agency. Firm Contract: A written state purchase order authorizing supplier will be furnished to the successful bidder.

LENGTH OF CONTRACT: The Contract between TLMN and successive vendor shall be remaining till the expiry of warranty period.

DELIVERY ON FIRM CONTRACTS: The invitation for bid will show the number of days to place a commodity in the ordering agency’s designated location under normal conditions with official purchase order firm. If the bidder cannot meet the stated delivery, alternate delivery schedules may become a factor in an award. The TLMN has the right to extend delivery if reasons appear valid. If the date is not acceptable, the agency may buy elsewhere, and any additional cost will be borne by the vendor.

DELIVERY REQUIREMENTS: No substitutions or cancellations are permitted without written approval of the TLMN. Delivery shall be made during agency work hours only 8:30 a.m. to 4:30 p.m., unless prior approval for other delivery has been obtained from the agency. Packing memoranda shall be enclosed with each shipment.

STORAGE: The ordering agency is responsible for storage if the contractor delivers within the time required and the agency cannot accept delivery.

DEFAULT: All commodities furnished will be subject to inspection and acceptance of the ordering agency after delivery. Back orders, default in promised delivery, or failure to meet specifications authorize the Agency to cancel this contract or any portion of it and reasonably purchase commodities elsewhere and charge full increase, if any, in cost and handling to the defaulting contractor. The contractor must give written notice to the Agency of the reason and the expected delivery date. Consistent failure to meet delivery without a valid reason may cause removal from the bidders list or suspension of eligibility for award.

VARIATION IN QUANTITY: The TLMN assumes no liability for commodities produced, processed, or shipped in excess of the amount specified on the agency’s purchase order.

INVOICING: The contractor shall be paid upon the completion of all of the following: (1) submission of an original and the specified number of copies of a properly itemized invoice showing the bid and purchase order, where itemized in the invitation for bid, (2) delivery and acceptance of the commodities and (3) proper and legal processing of the invoice by all necessary state agencies. Invoices must be sent to the "Invoice To" point shown on the purchase order.

STATE PROPERTY: Any specifications, drawings, technical information, dies, cuts, negatives, positives, data or any other commodity furnished to the contractor hereunder or in contemplation hereof or developed by the contractor for use hereunder shall remain property of the TLMN, be kept confidential, be used only as expressly authorized and returned at the contractor's expense to the Delivery point properly identifying what is being returned.

PATENTS OR COPYRIGHTS: The contractor agrees to indemnify and hold the TLMN harmless from all claims, damages and costs including attorneys' fees, arising from infringement of patents or copyrights.

ASSIGNMENT: Any contract entered into pursuant to this invitation for bid is not assignable nor the duties there under delegable by either party without the written consent of the other party of the contract.

ZERO TOLERANCEPOLICY: TLM Nepal has adopted the policy of “Zero tolerance in fraud and corruption”. If any vendor is found for involving in fraud or corruption with the staff or related stakeholder; the contract shall be immediately terminated.

OTHER REMEDIES: In addition to the remedies outlined herein, the contractor and the TLMN have the right to pursue any other remedy permitted by law or in equity. However, nothing in any contract shall be deemed or construed as the TLMN’s waiver of its right of sovereign immunity.

**25.**LACK OF FUNDS: The TLMN may cancel this contract to the extent funds are no longer legally available for expenditures under this contract. Any delivered but unpaid for goods will be returned in normal condition to the contractor by the TLMN. If the TLMN is unable to return the commodities in normal condition and contractor may file a claim with the TLMN. If the contractor has provided services and there are no longer funds legally available to pay for the services, the contractor may file a claim.

**26**.DISCRIMINATION: In order to acquisition of suppliers, there is no any types of discrimination.

**27**.CONTINGENT FEE: TLMN will not charge any fees to this bidding form. The bidder guarantees that he has not retained a person to solicit or secure this contract upon an agreement or understanding for a commission, percentage, brokerage or contingent fee, except for retention of bona fide established commercial selling agencies maintained by the bidder for the purpose of securing business.

DISCLOSURE: Failure to make any disclosure required by TLMN, or any violation of any rule, regulation, or policy adopted pursuant to that order, shall be a material breach of the terms of this contract. Any contractor, whether an individual or entity, who fails to make the required disclosure or who violates any rule, regulation, or policy shall be subject to all legal remedies available to the agency.

**28**.DISCLOSURE: Failure to make any disclosure required by TLMN, or any violation of any rule, regulation, or policy adopted pursuant to that order, shall be a material breach of the terms of this contract. Any contractor, whether an individual or entity, who fails to make the required disclosure or who violates any rule, regulation, or policy shall be subject to all legal remedies available to the agency.

Declaration:

I confirm that I have read, understand, and agree to the above policy and procedure to participate for the bidding procedure for the regular supply of goods and services.

Similarly, it is hereby declared that the information and documentation provided are true and correct to the best of my knowledge, if any information or document found false or incorrect, I am fully liable for the misconduct as per the law of land.

Signature:

Name (Key authorized person):

Title:

Date:

Address:

Office Seal:

Note: Every page should be signed along with office seal