



MUNICIPAL HEALTH DEPARTMENT

MANAGEMENT 2025-2028

PRELIMINARY TECHNICAL STUDY – ACQUISITION OF MATERIALS AND EQUIPMENT TO STRENGTHEN HEALTH SURVEILLANCE IN THE MUNICIPALITY WITH STATE SURVEILLANCE STRENGTHENING PROGRAM APPEAL IN HEALTH IN PARANÁ - PROVIGIA-PR.

INTRODUCTION

This document characterizes the first stage of the planning phase and presents the necessary studies for contracting a solution that will meet the need specified below.

The main objective is to study the need in detail and identify the best solution on the market to meet it, in compliance with current regulations and the principles governing the Administration. Public.

OBJECT

The object of this bidding is to choose the most advantageous proposal for the **ACQUISITION OF MATERIALS AND EQUIPMENT FOR STRENGTHENING SURVEILLANCE IN HEALTH IN THE MUNICIPALITY WITH RESOURCES FROM THE STATE PROGRAM OF STRENGTHENING HEALTH SURVEILLANCE IN PARANÁ - PROVIGIA-PR.**

1 - DESCRIPTION OF THE NEED

The acquisition of these items is necessary to meet municipal demand, and is necessary acquire new materials and equipment to maintain the quality of the service provided to the population by the Municipal Health Surveillance as well as actions related to the sector.

2 - HIRING REQUIREMENTS

Any and all companies or societies, regularly registered, may participate in this bidding process. established in the country, which are specialized and accredited in the object of this bidding and which meet all the requirements, specifications and standards contained in the Notice and its Annexes.

Companies that are bankrupt, in receivership, or in receivership will not be able to participate in this tender. creditors' meeting, dissolution, liquidation or that have been declared unsuitable by a body or entity of direct or indirect public administration, federal, state, municipal or Federal District or who is serving a period of suspension within the scope of municipal administration.



MUNICIPAL HEALTH DEPARTMENT

MANAGEMENT 2025-2028

The delivery period will be up to 15 (fifteen) days after the issuance of the Authorization Note.

Expenses (NAD).

Materials and equipment must have a minimum 12 (twelve) month warranty.

3 - ESTIMATION OF QUANTITIES

ITEM	DESCRIPTION	UNID.	QUANT.
1	HORIZONTAL ANTHROPOMETER: designed for measuring children in the frontal decubitus position.	Items	4
2	FIXED VERTICAL ANTHROPOMETER: designed for measuring people.	Items	3
3	PH METER: portable pocket-sized; Measuring range: 0 to 14; Display: LCD; waterproof; With case. Minimum warranty of 12 months.	Items	1
4	SNAKE TRANSPORTATION BOTTLE: Material: HDPE plastic; Capacity: 30 liters; Dimensions approximate: 32cmx32cmx29cm; With wide screw cap; with carrying handle.	Items.	2
5	VETERINARY RETRACTABLE CAMBO: animal trap; galvanized; steel cable with double coating to avoid hurting the animal; Non-slip handles; retractable; in accordance with Inmetro and the recommendations contained in ABNT standards.	Items.	1
6	COLORIMETER: Portable with case; microprocessor and digital field with analysis principle by the DPD method to comply with method 4500 – Cl G; With cuvette kit; Reagents; Minimum warranty of 12 months.	Items	1
7	SNAKE HOOK: made of aluminum; at least 1.2 meters long; with curved tip; with rubberized handle.	Items.	2
8	PORTABLE GPS: 2.2-inch screen; Digital; Warranty minimum of 12 months.	Items	1
9	SENSITIVITY TEST KIT ESTHESIOMETER: kit consisting of a set of 07 nylon monofilaments of equal lengths, different colors and diameters, which exert forces from 0.05g to 300g. Minimum warranty of 12 months.	Items	4
10	COMPLETE OVITRAMP TRAP KIT: 01 vase 750 ml plastic bottle, black in color, with a side hole at the 300 ml level and a label containing the municipality's coat of arms, information on the trap number and the type of activity; 01 Eucatex pallet 13x3 cm, already washed, dried and with a label for numbering; 01 N8 metal clip.	Items	50



MUNICIPAL HEALTH DEPARTMENT

MANAGEMENT 2025-2028

11	<p>DIGITAL TURBIDITY METER (TURBIDIMETER): with storage box; LCD screen; Power supply: Bivolt; With sample reading bottle; With sample bottles for checking turbidity. Minimum warranty of 12 months.</p>	Items	1
12	<p>BINOCULAR STEREOSCOPE MICROSCOPE: 360° rotating movement and fixation in any position. Pair of 10X inclined eyepieces; All-metal microscope body with anti-fungal paint treatment. Magnification range can vary between 0.67x and 4.5x, total magnification of 6.7x and 45x and working distance of at least 110mm. Pair of 10x inclined eyepieces and FN22 field number, focusable, with aberration correction, wide field, independent diopter adjustment and pre-disposition for reticles, with rubber eyecups. Interpupillary distance ranging from 52 to 76mm, with independent adjustments. Zoom variation knob on the left and right sides with magnification indicator. Magnification scale from macro (2.5X) to micro (250X-300X). LED type illumination system, white or blue daylight. With a lifespan of over 6,000 hours, power of over 30 W and simultaneous diasopic (transmitted) and episcopic (incident) illumination, with independent controls incorporated into the stand. Variable incident illumination angle adjustment. On/off switch with button for simultaneous activation. Macrometric button with voltage adjustment incorporated into the stand. Special glass plate with at least 100 mm in diameter, for transmitted, reflected light or simultaneous use for analysis.</p> <p>Voltage 100-240VAC stabilized (automatic dual voltage). Accessory: Standard Brazil connection cable, protective cover and instruction manual translated into Portuguese (Brazil). Authorized technical assistance. Minimum warranty of 12 months.</p>	Items	1
13	<p>EUCATEX PALETTE 13X3CM FOR OVITRAMP - Washed, dried palette with numbering label (ready to be used in the field).</p>	Items	1.000
14	<p>LEVER KNAPSACK SPRAYER: variable pressure for professional use, 10 liter capacity; With carrying handle.</p>	Items	1
15	<p>LEVER KNAPSACK SPRAYER: variable pressure for professional use, 20 liter capacity; With carrying handle.</p>	Items	1
16	<p>DIGITAL THERMOMETER FOR VACCINE BOX: for maximum and minimum temperature with crystal display; with extension sensor cable of at least 1.80m; with calibration certificate issued within the last 30 days from the date of delivery; Internal and external function, suitable for</p>	Items.	14



MUNICIPAL HEALTH DEPARTMENT

MANAGEMENT 2025-2028

	vaccine boxes, refrigerators, freezers, etc.; Minimum warranty of 12 months.		
17	DIGITAL THERMOMETER WITH PROBE IMMERSION AND INFRARED: for food sanitary inspection; measuring range: -35°C to + 180°C; with LCD screen; Features: can measure temperature by immersion or infrared. Minimum warranty of 12 months.	Items.	1
18	LASER TAPE 40 METERS: with carrying bag; Minimum warranty of 12 months.	Items.	1

4– MARKET SURVEY

The price research carried out in this preliminary technical study used the parameters of the paragraph III Article 5 of Normative Instruction No. 73/2020: [...] research data published in the media specialized, of specialized websites [...], in this case, using BANK OF PRICES, as per Quotation Report (attached).

5 – ESTIMATE OF CONTRACT PRICE

The estimated value of the contract is approximately R\$36,640.28 according to price average price research carried out in the Price and Quotation Bank carried out directly with Suppliers, where it was possible to obtain quotes, all used in the hiring estimate, Some suppliers did not return in a timely manner. Attached supporting documents.

6- DESCRIPTION OF THE SOLUTION AS A WHOLE

The solution involves the acquisition of modern equipment that meets the requirements technical and security personnel specified in the notice, to support the Health Surveillance sector in its activities. The devices must offer high performance, durability and compatibility with the management systems used by the sector. The delivery and warranty of products must be carried out in accordance with the conditions established in the contract.

If the equipment needs to be removed for repair, this will be carried out by company duly recognized by the manufacturer and under authorization of those responsible for the CONTRACTOR.

7-JUSTIFICATION OF THE SOLUTION FOR HIRING



MUNICIPAL HEALTH DEPARTMENT

MANAGEMENT 2025-2028

We justify the need for this acquisition in order to meet service demands.

of the Services provided by the Health Surveillance of the Municipality of Mauá da Serra - PR, aiming at improvement in the quality of the service provided to the population, as well as in the agility of this service.

Therefore, the acquisition of the equipment and materials listed above is of utmost importance. to meet the needs of this municipality, ensuring the execution of services in addition to guaranteeing municipal care for users of the Unified Health System.

8-JUSTIFICATION FOR PAYING THE SOLUTION IN INSTALLMENTS OR NOT

The contracting of the object now intended will be done through ELECTRONIC BIDDING, in lowest price modality for the item, aiming at bidding competition between bidders, seeking the lowest viable price, thus optimizing the use of public resources

The hiring of the products demanded will be IN INSTALLMENTS, according to the needs and requests from the Secretariat.

This contract will be per ITEM, with a view to stimulating greater competition with potential impact on reducing the final price of each item, thus ensuring broad competition.

9-STATEMENT OF INTENDED RESULTS

With the acquisition of this equipment and materials, we intend to guarantee the service adequate and satisfactory, that is, fundamentally necessary in terms of articulating and consolidating responses to the needs of this Secretariat, users of the Unified Health System, as well as providing a better quality service in terms of health care and promotion.

10 - PRE-CONTRACT MEASURES

There are no prior measures to be adopted by the Municipal Health Department of Mauá da Serra/PR.

11 - RELATED/INTERDEPENDENT CONTRACTS

For this solution, there are no related and/or interdependent contracts that keep relationship/affinity with the object to be contracted.

12 - ENVIRONMENTAL IMPACTS



MUNICIPAL HEALTH DEPARTMENT

MANAGEMENT 2025-2028

Given the nature of the object to be acquired, there are no environmental impacts relevant, it being necessary only that the bidder meets the criteria of the supervisory bodies and environmental sustainability policy.

13 – VIABILITY OF CONTRACTING

Preliminary studies indicate that this form of hiring is perfectly viable and that maximizes the probability of achieving the intended results. In view of the above, the person responsible declares that it is FEASIBLE to contract the intended solution, based on this Preliminary Technical Study.

Mauá da Serra, May 23, 2025.

CLEUDETE MACHADO OF OLIVEIRA

Municipal Secretary of Health