# *ANNEX IIb + IIIb:* TECHNICAL SPECIFICATIONS + TECHNICAL SPECIFICATION OFFER - LOTTO N.2

**Contract title: Supply, delivery and installation of n.1 high speed drill**

**Publication reference:** JPIIF 01 2021 11868 **NAME OF THE TENDERER: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Columns 1-2 should be completed by the contracting authority**

**Columns 3-4 should be completed by the tenderer**

**Column 5 is reserved for the evaluation committee**

Annex III - the contractor's technical offer

The tenderers are requested to complete the template on the next pages:

* Column 1 and 2 are fille by the contracting authority shows the required specifications (**not to be modified by the tenderer**),
* Column 3 is to be filled in by the tenderer and must detail what is offered (for example the words ‘compliant’ or ‘yes’ are not sufficient)
* Column 4 allows the tenderer to make comments on its proposed supply and to make eventual references to the documentation

The eventual documentation supplied should clearly indicate (highlight, mark) the models offered and the options included, if any, so that the evaluators can see the exact configuration. Offers that do not permit to identify precisely the models and the specifications may be rejected by the evaluation committee.

The offer must be clear enough to allow the evaluators to make an easy comparison between the requested specifications and the offeredspecifications.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **1. Item number** | **2. Specifications required** | **3. Specifications offered** | **4. Notes, remarks,  ref to documentation** | **5. Evaluation committee’s notes** |
| 1. **General system specification** | | | | |
| **1** | Electrical high-speed Drill for ENT with irrigation |  |  |  |
| Universal High speed electrical drill system with variable speed setting with maximum speed of up to 80,000 rpm or more |  |  |  |
| System should be high quality and standard |  |  |  |
| System should have CE or FDA certification |  |  |  |
| System should be supplied with autoclave compatible container and it should be of same parent company |  |  |  |
| Electrically driven |  |  |  |
| Touch screen, graphic display, hand piece recognition, digital color display, Forward/ Reverse/ Oscillation mode can be used with attachment of ENT |  |  |  |
| Torque : 50 N.cm |  |  |  |
| Should have integrated active cooling system |  |  |  |
| Should have error code system for easy troubleshooting and faulty detection |  |  |  |
| Console should be ergonomically designed and light weight |  |  |  |
| Should be able to identify different hand pieces with display on console |  |  |  |
| There should be easily visible marking to identify matching attachments and tools |  |  |  |
| Should have function of controlling brightness, alarm volume on the console |  |  |  |
| Should have customizable settings like acceleration and stopping characteristic for individual motors, oscillation angle |  |  |  |
| System should give audible beeps/ alerts while in revers action |  |  |  |
| No inline lubrication should be required to run the motor |  |  |  |
| System should have quick connect and lockable attachment system |  |  |  |
| Adjustable speed from 1000 to 80000 rpm |  |  |  |
| 100000rpm in case of high speed hand piece |  |  |  |
| Integrated irrigation pump, variable flow, irrigation tube in sterilize pack. |  |  |  |
| Dual ports, allow operator to instantly switch between tow micro-motors |  |  |  |
| Power 220V, 50Hz |  |  |  |
| Foot control, double switch, for forward and reverse rotation |  |  |  |
| Cart Mobile trolley |  |  |  |
| Sterilization cassette |  |  |  |
| Motor seed up to 80000rpm area Quantity (2 pieces) |  |  |  |
| High speed hand piece up to 100000rpm |  |  |  |
| Brushless micromotor |  |  |  |
| 3.0m or more motor cord |  |  |  |
| Cart mobile trolley |  |  |  |
| Sterilization cassette ( 3 trays) |  |  |  |
| Lubricant spray with nozzle area Quantity (24 pieces) |  |  |  |
| Should accept straight, angled hand piece |  |  |  |
| DC brushless motor |  |  |  |
| Motor should be light weight, ergonomically designed, full modular motor with option to attached burr, craniotome, perforator, saw, drill attachment in same electrical motor |  |  |  |
| Motor should be able to work continuously more than 1 hr without getting heated up |  |  |  |
| Should be steam autoclavable |  |  |  |
| Straight hand piece with maximum 30mm head nozzle area Quantity (2 pieces) |  |  |  |
| Angled hand piece with Maximum 30mm head nozzle QNT (2 pieces) |  |  |  |
| Craniotomy (footed) hand piece around 15mm working area Quantity (1 pieces) |  |  |  |
| Craniotomy (footed) hand piece around 25mm working area Quantity (1 pieces) |  |  |  |
| This hand pieces should match following:   * A smaller compact high speed, lightweight, high torque, reversible electrical motor. |  |  |  |
| * Should have quick release and lock system for tool |  |  |  |
| * Complete with cleaning brushes |  |  |  |
| * Bur starter Kit of (50) variable burs operator can freely chose form burs catalogues |  |  |  |
| Comprehensive warranty for 2 years and 5 years CMC after warranty including UPS |  |  |  |
| 2 years warranty for the listed equipment |  |  |  |
| Availability of accessories, consumables and spare parts for at least 10 years |  |  |  |
| The above Equipment are to be supplied with Suitable Compatible Cabinet /Furniture /Steel/ Modular made for safe custody of the Equipment |  |  |  |
| 1. **trainings** | | | | |
| **2** | Training for operator and service should be performed on site unless we didn`t mention another something else in previous terms |  |  |  |
| 1. **Additional documents, informations and requirements** | | | | |
| **3** | Delivery time should be mention |  |  |  |
| **4** | Operator and service manuals (in English) should be provided |  |  |  |
| **5** | Free Service support for 5 years after warranty |  |  |  |