

**UNIT TAWARAN**  
**KEMENTERIAN KESIHATAN**  
**NEGARA BRUNEI DARUSSALAM**

**SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING ONE (2) UNIT OF  
 ENDODONTIC HEAT SOURCE FOR DEPARTMENT OF DENTAL SERVICES**

| NO. | TERMS AND CONDITIONS                                                                                                                                                                                                                                                                                                                                                                                   | VENDOR'S OFFER<br>(PLEASE STATE)      |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| 1   | Tenderer must be registered with the Ministry of Health.                                                                                                                                                                                                                                                                                                                                               |                                       |
| 2   | <b>TENDER FORM should be filled</b> completely including the <b>USER REQUIREMENT FORM</b> (if available). Submission of incomplete form <b>MAY</b> cause <b>DISQUALIFICATION OF TENDER</b> .                                                                                                                                                                                                           |                                       |
| 3   | Each tenderer is allowed to quote <b>ONE BRAND WITH ONE PRICE ONLY</b> for each item. Submission of more than one brand and price will cause <b>DISQUALIFICATION OF TENDER</b> .                                                                                                                                                                                                                       |                                       |
| 4   | All consumables supplied throughout this tender <u>shall</u> have a minimum expiry date of <b>twelve (12) months / on delivery</b> .<br>Should the consumables be urgently needed, provision of consumables with expiry date of less than twelve (12) months should be first agreed by the User before delivery is made.                                                                               |                                       |
| 5   | <b>Brochures / catalogues should be submitted / attached</b> with tender document.                                                                                                                                                                                                                                                                                                                     |                                       |
| 6   | Any <b>room renovation</b> which may be required, <b>it is mandatory to conduct site visit</b> (if applicable)                                                                                                                                                                                                                                                                                         |                                       |
| 7   | <b>Samples should be submitted together with tender or within fourteen (14 days)</b> of the tender closing date (if applicable).                                                                                                                                                                                                                                                                       |                                       |
| 8   | <b>DELIVERY PERIOD:</b><br>(Please state)<br>Not More Than <b>90 days</b> upon confirmation                                                                                                                                                                                                                                                                                                            | (Yes / No)<br>(If No, please specify) |
| 9   | <b>PRICE VALIDITY:</b><br>The quotation shall remain valid for <b>12 MONTHS</b> from the final date for the submission of the quotation and no supplier may withdraw his/her quotation within that period.<br>The Government reserves the right to extend this period if deemed necessary provided that such extension to the quotation validity period shall have written consent of the supplier(s). |                                       |

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|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Location for installation</b> | 1. National Dental Centre, Block B Room 8 (1 unit)<br>2. National Dental Centre, Block B Room 7 (1 unit) |
|----------------------------------|----------------------------------------------------------------------------------------------------------|

| SECTION I - USER REQUIREMENT     |                                                                                                                                                                                                                                                                                        | YES | NO | PLEASE SPECIFY THE SPECIFICATION/ SCOPE OFFERED<br><small>FAILURE TO FILL THE OFFER<br/>DETAIL SHALL BE IDENTIFIED AS<br/>NON-COMPLIANCE TO THE OFFER</small> |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Endodontic heat source</b>    |                                                                                                                                                                                                                                                                                        |     |    |                                                                                                                                                               |
| <b>Function</b>                  | For all warm compaction techniques and also to remove gutta percha                                                                                                                                                                                                                     |     |    |                                                                                                                                                               |
| <b>Standard features</b>         | Endodontic warm obturation techniques                                                                                                                                                                                                                                                  |     |    |                                                                                                                                                               |
|                                  | For performing dental root canals treatment                                                                                                                                                                                                                                            |     |    |                                                                                                                                                               |
|                                  | Deliver consistent and concentrated heat to gutta percha for all warm compaction techniques                                                                                                                                                                                            |     |    |                                                                                                                                                               |
|                                  | Capable in maintaining the set temperature throughout the procedure                                                                                                                                                                                                                    |     |    |                                                                                                                                                               |
|                                  | Front panel displays power controls and indicators.                                                                                                                                                                                                                                    |     |    |                                                                                                                                                               |
|                                  | Tip operating temperature can be adjusted                                                                                                                                                                                                                                              |     |    |                                                                                                                                                               |
|                                  | Amount of heating power supplied to the tip can be adjusted.                                                                                                                                                                                                                           |     |    |                                                                                                                                                               |
|                                  | Indicator light showing the tips is in heating mode                                                                                                                                                                                                                                    |     |    |                                                                                                                                                               |
|                                  | Handpiece and cord assembly can be disconnected and autoclaved.                                                                                                                                                                                                                        |     |    |                                                                                                                                                               |
|                                  | Activation Method: Built in spring switch or touch switch on the handpiece.                                                                                                                                                                                                            |     |    |                                                                                                                                                               |
|                                  | Battery operated with battery indicator                                                                                                                                                                                                                                                |     |    |                                                                                                                                                               |
| <b>Temperature Regulation</b>    | Dial-in control ranging from ambient up to 200 °C - 300°C+                                                                                                                                                                                                                             |     |    |                                                                                                                                                               |
| <b>Tip operating temperature</b> | Minimum: Approximately 100°C                                                                                                                                                                                                                                                           |     |    |                                                                                                                                                               |
|                                  | Maximum: Approximately 600°C                                                                                                                                                                                                                                                           |     |    |                                                                                                                                                               |
| <b>Accessories:</b>              | Tips sizes: <ul style="list-style-type: none"> <li>• 5 x Xtra Fine (Approximately 0.04)</li> <li>• 5 x Fine (Approximately 0.06)</li> <li>• 5 x Fine-Medium (Approximately 0.08)</li> <li>• 5 x Medium (Approximately 0.1)</li> <li>• 5 x Medium-Large (Approximately 0.12)</li> </ul> |     |    |                                                                                                                                                               |

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| SECTION I - USER REQUIREMENT  |                                                                                                                      | YES | NO | PLEASE SPECIFY THE<br>SPECIFICATION/ SCOPE<br>OFFERED<br><br>FAILURE TO FILL THE OFFER<br>DETAIL SHALL BE IDENTIFIED AS<br>NON-COMPLIANCE TO THE OFFER |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------|-----|----|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Endodontic heat source</b> |                                                                                                                      |     |    |                                                                                                                                                        |
|                               | Accessories to be included (The Equipment Should Come With All Necessary Accessories For It To Be Fully Operational) |     |    |                                                                                                                                                        |

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| <b>SECTION II - PROCUREMENT REQUIREMENT</b>     |             |
|-------------------------------------------------|-------------|
| <b>Model and Brand of Equipment.</b>            |             |
| <b>Country of Origin.</b>                       |             |
| <b>Unit (B\$)</b>                               |             |
| <b>Total Price Offered (CIF)</b>                |             |
| <b>Year manufactured.</b>                       |             |
| <b>Warranty period (at least 1 year)</b>        | _____ years |
| <b>Delivery period</b>                          | _____ weeks |
| <b>Price validity (not less than 12 months)</b> | _____ years |

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| TECHNICAL SPECIFICATIONS/REQUIREMENTS                                                                                                                                                                         |             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Mains Supply 240VAC 50 Hz.                                                                                                                                                                                    |             |
| State equipment ambient operating temperature range.                                                                                                                                                          |             |
| The equipment must comply to either one of the five international safety standards, namely; US FDA Standard, European Union CE MARK, Australian TGA Standard, Canadian CSA Standard or Japanese JIS Standard. |             |
| State number of locally stationed engineers/technicians and the nearest overseas support.                                                                                                                     |             |
| State overall dimensions of equipment.                                                                                                                                                                        |             |
| State net weight of the equipment (kg)                                                                                                                                                                        |             |
| <b>Equipment whole life time support</b><br>Supplier must guarantee spare parts are available at least for <b>5 years</b> after the installation of the equipment.                                            | _____ years |
| <b>Brochure</b><br>Tenderers must submit with their offer, a detailed brochure which supports the information the tenderer has entered in the "form-to-be-used (FORM B)" for reference.                       |             |
| <b>User and Service Manuals</b><br>Two hard copies and one soft copy [PDF FORMAT] to be submitted to BME office during commissioning.                                                                         |             |
| <b>Spare-parts and consumables</b><br>Comprehensive spare-parts and consumables listings in the form of softcopy must be provided. Listing must have the following details; Part Number and Part Description. |             |
| <b>Warranty planned preventive maintenance.</b><br>Minimum of two times PPM per year during the equipment warranty, six months after the date of commissioning and at the end of warranty period.             |             |
| <b>Training</b><br>Tenderers are required to conduct technical                                                                                                                                                |             |

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training to Biomedical Engineers and Technicians.

- Training to be conducted at the manufacturer's training premises / facilities. Tenderers are required to:
  - Provide air tickets, accommodation, transportation, etc. for 2 persons.
  - Provide training for 2 persons.
  - Minimum no of days for training – 3 days.

**OR**

- Training to be conducted locally, tenderers are required to:
  - Provide training materials, test equipment, demo equipments, etc.
  - Provide training to two groups of technical staffs.
  - Provide 2 days (minimum) of training for each group.
  - Training to be conducted at BME office/ Hospital.