# JAMMU KASHMIR MEDICAL SUPPLIES CORPORATION LTD.
**(Public Sector Undertaking of Govt of Jammu & Kashmir)**
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JKMSCL.

## ADDENENDUM

In continuation to this office e-NIT No. JKMSCL/Dental Machinery & Equipment/2024/641 dated 27-11-2024 for procurement of Dental Machinery & Equipment for which prebid meeting was held on 09-12-2024, queries were raised by various bidders and discussions held thereon during pre-bid meeting following items are added in the above mentioned tender.

| Item Description | Item Code | Tender Specification |
|---|---|---|
| Computerised Dental Oucclusal Analysis System and Biometirc Equipments | DEN-264 | **SPECIFICATION FOR COMPUTERIZED DENTAL OCCLUSAL ANALYSIS SYSTEM AND BIOMETRIC EQUIPMENTS**<br><br>For complete tempero-mandibular diagnosis, please quote the following instrumentation (preferably from the same manufacturer for a single diagnostic software analysis and inter-connectibility)<br><br>1) T-Scan<br>2) Craniofacial Electromyography<br>3) Transcutaneous Electrical Neural Stimulator<br>4) Jaw Tracker<br>5) Joint Vibration Analyzer<br>6) Computer / Laptop with necessary operating system<br>7) T-Scan-EMG Link<br>8) Trolley<br><br>**1. T-SCAN:**<br><br>**HARDWARE:**<br><br>1.1 Chair side Digital Occlusal Analysis system to record relative force measurement of individual tooth & timing of first contact occlusion & disclusion of teeth<br><br>1.2 The system should comprise of a hand held device with control for new recording, stop recording, sensitivity adjustments and a detachable sensor support which should be autoclavable<br><br>1.3 Connectivity of the unit should be through USB & it should have a cable length of 2 mtr or more<br><br>1.4 The detachable support must come in two sizes or more and 2 nos. of each should be provided.<br><br>1.5 **SENSORS** - The Unit should come with 20 large sensors and |

20 Small sensors. Sensor should have thickness of 0.1 mm or less. It should be reusable on a single patient

## SOFTWARE:

1.6 The unit should be provided along with software for acquisition, data storage & data viewing.

1.7 The data should be displayed in a 2D and graphical form. It should have facility for color representation for different level of force.

1.8 The software should have a time bar and should have possibility to view the data in video format with play/pause button.

1.9 The software must work on a windows operated system.

## 2. 8 CHANNEL CRANIOFACIAL ELECTROMYOGRAPHY:

### HARDWARE:

2.1 Should be able to record at least eight craniofacial muscle activity in the range of 1-500 micro volts with surface electrodes.

2.2 It should be able to provide immediate evaluation of the synergy, symmetry and timing of craniofacial muscle firing to expedite the process of evaluating mandibular muscle function.

2.3 It should be able to automatically categorize muscles based upon the quality and quantity of their behaviour, i.e., the systems should be able to automatically show which muscles are resting properly or are hyperactive based upon the threshold provided.

2.4 It should be able to amplify signals upto 5000 times of the original levels virtually without noise.

2.5 It should be supplied with 100 Nos. of Electrodes

### SOFTWARE:

2.6 EMG should work on software for controlling the equipment, recording and to store database.

2.7 Software should be compatible with windows 7 or above.

2.8 Should be able to display signals as original time domain wave forms and average levels that disclose contraction patterns and relative intensities.

| | | |
|---|---|---|
| | | extremely portable for in-office treatments to relieve / counteracting chronic pain<br><br>5.5 It should be supplied with 100 nos. of Electrodes<br><br>**6. LAPTOP** - For Operating/ display & storage of data with the following specifications:<br><br>**Minimum Computer Requirement:**<br><br>a) Core i7 or higher processor<br>b) 16 GB RAM or higher<br>c) 1 TB SSD Hard drive<br>d) 14" screen or Higher<br>e) Windows 10 64-bit<br><br>**7. T-SCAN EMG LINK**<br><br>**Should have following features-**<br><br>7.1 Link between T-Scan software with Biometrics Software<br><br>7.2 Simultaneous recording capability of T-Scan & EMG<br><br>7.3 Time sync between recording of T-Scan & EMG<br><br>7.4 Automatic playback sync of data<br><br>7.5 Automatic patient file creation in T-Scan / Biometrics software<br>7.6 ABCD line marking in both T-Scan & EMG reading<br>**8. TROLLEY**<br><br>8.1 Should be sturdy, simple and compact mobile trolley for the instrument handling.<br><br>8.2 Should give maximum mobility to almost all tabletop devices in limited space area.<br><br>8.3 The cart should have three/four adjustable shelves with drawer.<br><br>**Important: Adequate Clinical Training on the operation and diagnosis should be provided.** |
| PORTABLE X-RAY MACHINE | DEN-240 | Specifications:<br><br>• DC Battery operated replaceable<br>• Total Filtration 1.5m Al or more<br>• Weight upto 2.6kg or less<br>• Exposure time upto 1 to 2 seconds |

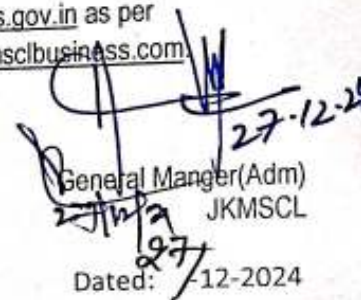|   |   |
|---|---|
|   | • Li-ion rechargeable battery |
|   | • RVG Compatible |
|   | • Focal Spot 0.4-0.8 mm |
|   | • Should be AERB approved |
|   | • Number of X-rays per change should be more than 200 exposures |
|   | • Portable IOPA X-Ray Machine should have stand which can be detachable for independent operation |
|   | • With X-Ray Scatter Shield |

Further, in order to ensure healthy participation in the tenders, scheduled dates for receipt and opening of tender for the Procurement of "**Dental Machinery & Equipments**" is hereby extended as under:-

| 1 | Last date and time for submission of online bids | 21-01-2025 at 1600 hrs. |
|---|---|---|
| 2 | Date and time for online opening of technical bids | 23-01-2025 at 1100 hrs. |

**All the T&C's of Tender shall remain unchanged.**

All the bidders are requested to keep themselves updated and submit their e-bids through e-portal www.jktenders.gov.in as per specifications & BOQs. The amendments/ modifications shall be available on www.jktenders.gov.in and www.jkmsclbusiness.com

Rest of all terms and conditions shall remain unchanged.

27.12.24

General Manger(Adm)
JKMSCL

Dated: 27/12-2024

No: JKMSCL/Dental Material/Addm/641/2024/ 9589-92
Copy for information to the:
1. Managing Director, JKMSCL.
2. General Manager (P&S)
3. Dy.General Manager Tendering, JKMSCL.
4. Assistant Programmer to uploaded on www.jktenders.gov.in and on www.jkmsclbusiness.com.
5. Office Record.