

# RE-TENDER

R-7049/ce  
27.9.18

OFFICE OF THE MEDICAL SUPERINTENDENT  
J.N. MEDICAL COLLEGE HOSPITAL  
ALIGARH MUSLIM UNIVERSITY  
ALIGARH

No. Ext ...1075.../MCH/SHAKEB

Dated...26/09/2018

M/s.....

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Sealed Tenders/Quotations/Bids (One Technical & One Financial) separately under Limited Tender Enquiry Rule 162 are invited from manufacturers or their authorized dealers for the following Item which should be sealed by the tenderers in separate covers duly super scribed and both these sealed covers are to be put in a bigger cover, which should also be sealed and duly super scribed, on the terms and conditions mentioned on page No.2

Quotations should reach this office on or before **17.10 .2018 by 12:00 Noon**

## Technical Specification for CTG Machine/Fetal Monitor

- Smart transducers are comfortable to wear, waterproof, and easy to clean.
- **Ultrasound** (US) fetal heart rate monitoring of singletons, twins, and even triplets
- **Fetal Movement Profile** (FMP) automatically detects fetal body movements for ante partum applications using an ultrasound transducer.
- **External uterine activity** (Toco) monitoring
- **Smart Pulse** integrated in the **Toco MP** transducer detects the maternal pulse rate without the need for an additional sensor (SpO2 or MECG), confirming correct fetal heart rate monitoring
- **Cross-Channel Verification** (CCV) detects the coincidence between all fetal and maternal heart and pulse rate
- **NST timer** for ante partum applications
- Entering of manually taken maternal temperature
- High-resolution 6.5" **Color TFT Touchscreen display** with a wide viewing angle. Fetal and maternal measurement are displayed as large, easy -to-read numeric
- Optimized size and presentation of measurement with automatic screen layouts
- Displaying information such as : **Patient identification** (including the bed label when connected to a surveillance system such as OB TraceVue/Intellispace Perinatal), date and time, alarm information , recorder status, and prompt and error messages
- Fast access to functions, for example starting a recording or resetting the Toco baseline via **Configurable Smartkeys**
- Adjustment of the heart rate and alarm volume with an indication of the current setting
- With the automatic channel management all wired fetal transducers, patient module, or remote event marker can be connected to any of the fetal sensor sockets at the left side of the monitor
- Identification of the relation between transducer and numeric through a blue **transducer finder LED**, while the position indication on the screen shows to which fetal sensor socket a transducer is connected
- Built-in-six-inch high-resolution thermal array recorder with paper type detection and paper-out warning
- Trace output of fetal and maternal heart rates, fetal movements, and uterine activity, and annotation of time , date , trace identification symbols, patient information, and software versions
- Maternal heart and pulse rate are printed every five minutes
- Internal backup memory for at least 7 hours of trace data
- Bridge paper-out for printing the missing piece of trace after new paper has been loaded
- Paper Save Mode for maternal measurements

When an alarm condition is fulfilled, it is signalled by the monitor in the following ways:

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