ADDENDUM

HSCC/PUR/Low Value/ SIC/ Retender/Quot/02

1st April 2022

Subject: Addendum Technical Specification -Invitation for on

line Quotations for supply of Low Value Equipment for **Heart**Rate Monitors & Lactate Analyser for Sports Injury Expansion,

New Delhi.

Added **Technical Specification**

All other terms and conditions of the Invitation for Quotation shall remain unchanged.

s/d General Manager (Proc.),

HSCC (India) Limited

Heart Rate Monitor

DPR Item No.: 56

Cost per equipment: Rs 10,000/-

No. Of units: 10

Total cost: Rs 1.00.000/- (As in DPR)

Heart rate monitor helps in monitoring of heart rate during exercises. It instantly tells you how fast your heart is beating, can help you exercise at the right intensity.

The device should have a wrist unit and chest strap.

Technical Specifications:

Wrist Unit

- 1. Wrist strap material should be made of skin friendly material (polyurethane, silicone or any other suitable medical grade material) to ensure safety of sportsperson's skin.
- 2. Should have a good high resolution display unit with dynamic heart rate monitor, alarm clock with timer and stopwatch.
- 3. Should have activity tracking features such as distance travelled, calories burned monitor, sleep monitoring and suitable running/training program to enhance performance.
- 4. Should have rechargeable lithium polymer battery with average battery life of 30-40hrs or more with daily training session:
- 5. Should have wireless ANT+, Bluetooth connectivity and USB cable for download and analysis of data with PC MS Windows, Mac, iOS or Android compatible device.
- 6. Should have USFDA/ECE/Appropriate Indian Medical Safety & Quality Standard Certification.

Chest Strap

- 1. Chest strap should be lightweight in the range of 35-60 gm, skin friendly, non irritant and in adjustable size for athletes/patients of all age group.
- 2. Should have rechargeable lithium polymer battery with average battery life of ≥ 400-500 hrs or more with daily training session.
- 3. Should have activity tracking features such as distance travelled, calories burned monitor and suitable running/training program to enhance performance
- 4. Should have wireless ANT+, Bluetooth connectivity and USB cable for download and analysis of data with PC MS Windows, Mac, iOS or Android compatible device.
- 3. Should be water resistant to prevent damage to the device.

5. Should have USFDA/ECE/Appropriate Indian Medical Safety & Quality Standard Certification.

(DR. AJAY

ANKIT

MDR BIENAYAK)

LACTATE ANALYZER

DPR Item No.: 57

Cost per equipment: Rs 50,000/-

No. Of units: 4

Total cost: Rs 2,00,000/- (As in DPR)

Lactate analyzer measures the value of lactate in whole blood, the determination of which provides clear insights into anaerobic changes during exercise.

TECHNICAL SPECIFICATIONS:

- 1. Capable of undertaking Lactate analysis of whole blood with minimal required sample less than 0.5-0.6µl.
- 2. Should be capable of fast measurement with a maximum duration of 10-15 seconds to get the result.
- 3. Should be light weight & portable for use in field set up.
- 4. Memory capacity: A minimum of 250-300 measured results.
- 5. Power supply: Battery operated or wireless power source.
- 6. Should have CE / USFDA / Appropriate Indian Medical Safety & Quality Standard certification.

MARIONAL DEFRAK
JOSHI)

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