CORRIGENDUM

Based on pre-bid meeting held on 15-10-2026, the following amendments in **GeM Bid No.: GEM/2026/B/8138497 dated: 13-10-2026**, are notified:

S/N	Existing specifications in the tender	Revised Specifications
1.	**Applications:** • Measurement of Resting Energy Expenditure (REE), RMR and full metabolic assessment (VO2, VCO2, RQ, %FAT, %PRO, %CHO). • To measure breath-by-breath oxygen uptake and carbon dioxide exhalation for assessment of metabolic rate and sub-state metabolism using the principle of indirect calorimetry.	**Applications:** • Measurement of Resting Energy Expenditure (REE), RMR and full metabolic assessment (VO2, VCO2, RQ, %FAT, %PRO, %CHO). • To measure oxygen uptake and carbon dioxide exhalation for assessment of metabolic rate and sub-state metabolism using the principle of indirect calorimetry by integrated micro mixing chamber.
2.	**General Features and Specifications:** • **Connectivity:** Should provide with a wide range of protocols to communicate with additional hardware and software. Bluetooth/ ANT+/USB/RS-232/LAN interfaces for connecting to external devices (e.g., PCs, printers, Ergometers, HF, SpO2, power meters, etc.)	**General Features and Specifications:** • **Connectivity:** Should provide with a wide range of protocols to communicate with additional hardware and software. Bluetooth/USB/RS-232 interfaces for connecting to external devices.
3.	**Parameters to be measured:** • Resting Energy Expenditure (REE) • Resting Metabolic Rate (RMR) • VO2 (ml/min) • VCO2 (ml/min) • RQ • FAT (%) • PRO (%) • CHO (%) • Respiratory Exchange Ratio (RER) • Minute Ventilation(VE) (L/min) • Tidal volume (ml, L) • Breathing frequency(breaths per minute) • FeO2(%) • FeCO2(%) • FetO2(%) • FetCO2(%)	**Parameters to be measured:** • Resting Energy Expenditure (REE) • Resting Metabolic Rate (RMR) • VO2 (ml/min) • VCO2 (ml/min) • RQ • FAT (%) • PRO (%) • CHO (%) • Respiratory Exchange Ratio (RER) • Minute Ventilation(VE) (L/min) • Tidal volume (ml, L) • Breathing frequency(breaths per minute) • FeO2(%) • FeCO2(%)
4.	**Software Specifications:** • Suitable intuitive software interface, compatible with latest versions of operating systems. • Equipment can be controlled and operated remotely by software. • Manages and display data and charts with conventional layouts or user defined layouts (like 9-Panel Plot, POETTS etc.) with its dashboard. • Powerful post test editing provides for data filtering, calculation of **thresholds** (VT1, VT2), VO2 Max, VE/ VCO2 **slopes**, VO2/WR, and other parameters required for interpretation. • **Advanced Steady State** analysis for the examination of the physiological response to exercise at various workloads. • Advanced **Training zones** to personalize exercise	**Software Specifications:** • Suitable intuitive software interface, compatible with latest versions of operating systems. • Equipment can be controlled and operated remotely by software. • Should Exports data in pdf, csv, xml, and xls formats and supports custom printouts. • Should download data stored in the equipment/software by BLE or USB. • Should be available in both a stand-alone or network version. • Software upgradation for 5 years should be included.

	Existing specifications in the tender	Revised Specifications
	prescription according to metabolic reference parameters including VO2 Max, VO2@VT1, VO2@ VT2, VO2 reserve and HR. • Should provide integration with compatible **Oximeter** (Bluetooth Low Energy enabled) during standardized, non-metabolic tests. • Compliant with all major scientific guidelines (ATS/ERS, AHA, ACSM etc.) • Custom comments and interpretation with user-definable automatic placeholders. • Should Exports data in pdf, csv, xml, and xls formats and supports custom printouts. • Should download data stored in the equipment/software by BLE or USB. • Should be available in both a stand-alone or network version. • Unlimited installations in Computer/Laptop within the institute should be possible.	
5.	**Certifications, Utility Requirements and Accessories:** • Should be **21 CFR Part 11, US FDA, MDD (93/42/EEC Class IIa), CE, ISO 9001, ISO 13485, EN ISO 60601-1; 60601-1-2;10993-1; 15223-1; 1041; 62304; 62366; 23747; 26782** Certified • **Mains Power:** 100V-240V ±10%; 50/60Hz, 100-130 VA. • Suitable compatible latest branded computer and online UPS with 30 minutes of backup should be supplied along with the system • Heart rate monitoring belt • Flow meters (2 nos.) • Flow/volume calibration Kit • Sampling line – (100 pcs.) • Face Masks Kit (various sizes i.e. extra small, small, medium, large, extra large sizes) • Canopy hood with hose • Disposable Veils for Canopy Hood (large/small) - 50 pcs. • Certified 3L Calibration syringe. • NIST/NPL, NABL, GMP Certified Calibration Gas in 5L WC Cylinder (16% O2, 5% CO2, N2 Balance) and Regulator/Reducer. • Special connector for calibration port. • Carrying case, hardware/software and other essential accessories for analyzing the whole body metabolism by the principle of indirect calorimetry. • Cart • AC/DC Adapters • Battery charger • Rechargeable batteries (2 nos.) • Any other accessories required to make the system complete	**Certifications, Utility Requirements and Accessories:** • Should be **21 CFR Part 11, US FDA, MDD (93/42/EEC Class IIa), CE, ISO 9001, ISO 13485, EN ISO 60601-1; 60601-1-2;10993-1; 15223-1; 1041; 62304; 62366; 23747; 26782** Certified • **Mains Power:** 100V-240V ±10%; 50/60Hz, 100-130 VA. • Suitable compatible latest branded computer/laptop and online UPS with 30 minutes of backup should be supplied along with the system • Heart rate monitoring belt • Flow meters (2 nos.) (turbine and internal blower) • Flow/volume calibration Kit • Sampling line – (100 pcs.) • Face Masks Kit (various sizes i.e. extra small, small, medium, large, extra large sizes) • Canopy hood with hose • Disposable Veils for Canopy Hood (large/small) - 50 pcs. • Certified 3L Calibration syringe. • NIST/NPL, NABL, GMP Certified Calibration Gas in 5L WC Cylinder (16% O2, 5% CO2, N2 Balance) and Regulator/Reducer. • Special connector for calibration port. • Carrying case, hardware/software and other essential accessories for analyzing the whole body metabolism by the principle of indirect calorimetry. • Cart • Rechargeable batteries (1 no.) • Any other accessories required to make the system complete.

All other specifications with terms and conditions will remain unchanged as per the original tender.