



Government of Odisha
Department of Sports & Youth Services
C-1, Nayapalli, Bhubaneswar-751012

SYS-CSS-CSSP-0002-2021- 747, Bhubaneswar dated January 29, 2021

Sealed proposals are invited from authorised supplier/ dealer/ distributor having valid GST Clearance Certificate & PAN, for supply of sports science equipment with specifications as in **Annexure-1** to Sports and Youth Services Department, Odisha as per the following timelines.

1	Time and date for submission of pre-bid queries by e-mail to kisceodisha@gmail.com	4PM, Feb 8, 2021
2	Date and time for virtual pre-bid meeting	5PM, Feb 8, 2021
3	Date for response to pre-bid queries and publication of corrigendum in website www.department.sportsodisha.gov.in	February 9, 2021
4	Time and last date for submission of bids by Speed Post/ Courier	4PM, Feb 19, 2021
5	Time and date for opening of technical bid followed by opening of financial bid of qualified bidders	11AM, Feb 23, 2021

Bids received beyond the time and date mentioned above and without supporting documentation shall not be considered. The undersigned reserves the right to accept/ reject any or all proposals without assigning any reasons thereof.

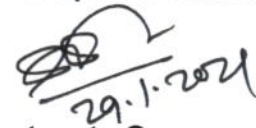
Terms and conditions:

- i) Checklist of documents to be submitted as Technical Bid is in **Annexure-2**. The bidder has to arrange the documents in the order mentioned therein.
- ii) The bidder has to submit rates of equipment including delivery and installation charges in the Financial Bid Form given in **Annexure-3**.
- iii) The bidder has to submit a declaration, ink signed with seal in the technical bid in the format given in **Annexure-4**, else the same will be rejected.
- iv) The bidder should have a minimum average annual turnover of INR 1.0 Crore in each of the last 3 financial years. Copies of annual VAT/ GST return or CA certification to prove turnover of INR 1.0 Crore in the last three financial years i.e., FY 19, GY 19 and FY 20 including IT return statements must be submitted.
- v) The quoted rate should clearly be written in figures followed by words in brackets without any cutting/ underwriting.

- vi) The quoted rate will be inclusive of delivery, duties, installation and any other charges applicable.
- vii) The interested bidders/ suppliers/ firms are required to submit an authorization certificate from the concerned OEM.
- viii) The purchase order will be placed depending on actual requirement and the availability of funds. The selected bidder shall supply and install the equipment within 30 (thirty) days of the date of issue of the purchase order.
- ix) The payments shall be made only upon successful receipt and installation of the goods as per specification in the purchase order. There is no provision for an advance payment. Statutory deductions as applicable under the Income tax and GST Act shall be made from the payment to the supplier.
- x) There should be a minimum of a 1-year warranty and guarantee provided from the OEM on the supplied equipment, which is to be clearly mentioned in the proposal.
- xi) Post installation, the OEM will provide training and brief the sports science manpower in the operational procedures of the equipment at the cost of the bidder.
- xii) Service, Repair and Maintenance of the supplied equipment will be done by the OEM. An AMC may be signed with the bidder for continued service and after sales support for the equipment.
- xiii) The bidders should submit an EMD of INR 50,000 in the form of a Demand Draft in the favour of the Deputy Secretary to Government, Sports and Youth Services Department along with the financial proposal.
- xiv) The bidders should submit a non-refundable bid processing fees of INR 5,000 in the form of a Demand Draft in the favour of the Deputy Secretary to Government, Sports and Youth Services Department along with the financial proposal.
- xv) Performance security of 10% of the value of Sports Science equipment quoted shall be submitted by the selected supplier in the form of a bank guarantee or Demand Draft which shall remain valid for 60 days after the end of warranty obligation of the equipment.
- xvi) The EMD of the successful bidder shall be returned upon receipt of the bank guarantee. EMD of the unsuccessful bidders shall be returned in 7 (seven) days after the proposal opening date.
- xvii) The financial proposal submitted by the bidder shall be valid for a period of 90 days.

- xviii) The Authority reserves the right to accept/ reject any or all proposals without assigning any reasons thereof.
- xix) Dispute, if any, should be within the Bhubaneswar District only.
- xx) The bids must be enclosed within 3 separate envelopes marked as following:
1. Envelope 1: **"Technical Bid – RFP No.: SYS-747 dt. 29.01.2021"**
2. Envelope 2: **"Financial bid – RFP No.: SYS-747 dt. 29.01.2021"**
3. Envelope 3 containing envelope 1 and 2: **"Proposal – RFP No.: SYS-747 dt. 29.01.2021"**
- xxi) The technical bid of the bidders will be opened first and the financial bid will be opened only of the bidders whose technical bid is accepted / qualified. The bidder quoting the lowest financial amount will be selected as the L-1 bidder.
- xxii) The tenderer/authorized person(s) should sign on each page of the bid document as a token of authenticity of the same.

By order of Special Secretary



Deputy Secretary to Government

Annexure-1

Equipment specifications

Sr. No	Name of the equipment	Description/ specification
1 & 2	<u>Upper and lower Body (2 sets each) Wingate Cycle ergometer</u>	<p>The equipment has to perform following tests:</p> <ul style="list-style-type: none"> ○ Peak Power ○ Anaerobic Power ○ Mean Power ○ Anaerobic Capacity ○ Fatigue Index <p><u>Specifications:</u></p> <ul style="list-style-type: none"> ● Functional design and excellent stability ● Easy to use saddle, handlebar and pedals ● Speed independent and dependent power control ● Handlebars are easy to change to suit different tests ● Mechanical/ motor- assisted seat adjustment ● Easy to control and calibrate ● Can be controlled by two external devices (RS232 or USB) ● BLE Smart and ANT+ HR systems ● Workload range 6-1000W ● Multiple user programmable exercise test protocol ● Compatible wireless heart rate monitor with chest strap ● Compatible laptop and software to be provided <p>The equipment along with all accessories necessary for operation must be supplied together</p>
3	<u>Wearable metabolic test equipment</u>	<p>The equipment shall be used for the following analysis</p> <ul style="list-style-type: none"> ○ Run Analysis ○ Balke Test ○ Cooper Test ○ VO₂ Max Testing ○ Lactate threshold ○ EPOC Test <p><u>Features of the equipment</u></p> <ul style="list-style-type: none"> ● Portable computerized breath by breath metabolic gas analyzer

		<ul style="list-style-type: none"> ● Sampling Technique: 1. Breath by Breath Analysis 2. Mixing Chamber (Internal or external) for Resting Metabolic Rate (Optional). ● Testing Capability: Pulmonary Gas Exchange (VO₂, VCO₂), VO₂ max, Sub-max VO₂, Thresholds (AT, RCP), Heart Rate with HR Belt, Indirect calorimetry with Face Mask, Substrates Analysis (RQ, %FAT, %PRO, %CHO) ● Sensor/ Transducer: <ol style="list-style-type: none"> 1) CO₂ Type: Non-Dispersive Infra-red / Thermal Conductivity. Accuracy: 0.02% 2) O₂ Type Electro-chemical Cell Accuracy: 0.02% 3) Inbuilt Sensors for Temperature, Humidity and Pressure ● Weight: Less Than 1 Kg ● Transmitter Range: Up to 1000 m ● Battery: Rechargeable with autonomy of min 6 hours ● Flow meter: Bi-directional digital Turbine/ Triple V Volume Transducer; Flow Range: 0.08 to 20 L/s ● Ventilation Accuracy + 2% ● The system should be able to real time testing/data analysis on Laptop with latest configuration through Bluetooth and USB cable. The system should also be able to collect data in Holter mode to be downloaded later. ● Ergometer Compatibility: The system should be able to control well known compatible treadmills and bikes ergometer as per standard or custom exercise protocols. ● Price should be quoted with all the accessories and consumables to run the system uninterrupted till the warranty period of the equipment. List of consumables (including O₂ sensor) essential for the functioning of the equipment along with their shelf life should be clearly outlined and included in the offer. ● Essential Accessories: The system should be supplied with all essential accessories required like, Calibration gas cylinders – 01 no., Regulator - 01 nos., Calibration Syringe 3L, Latest Branded Compatible Laptop/Notebook PC with Original Windows 10 and Color Deskjet Printer in ready to use configuration. ● List of Standard Packaging should be provided.
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4	Treadmill	<p><u>Equipment must have the following features:</u></p> <ul style="list-style-type: none"> ● Running Surface: L: 170 cm (Minimum), W: 65 cm (Minimum) ● Maximum possible load: 200 kg (440 lbs) ● Speed range: 0-40 km/h ● Elevation: $\pm 25\%$ (14° maximum elevation) motorized adjustment, reverse belt rotation ● Motor System 3.3 kW, Single phase AC Motor, Maintenance free and brushless ● Power transmission: Frequency inverter, Poly V-Belt, very quiet operation ● Safety system: Emergency-off safety stop switch (safety lanyard with actuator, pull cord and clip); potential equalization bolt; transformer for potential-isolation from the mains ● Ambient condition: temperature: +10 to +40 degrees C, humidity 30 to 70% ● Display (resolution): LCD Display ● Heart rate monitoring: the treadmill should be able to interface with well-known compatible metabolic Gas analyser as per standard and custom exercise protocols ● In built/ external stabilizer ● Comprehensive annual maintenance contracts (at least 3 years) along with list of consumables/spare parts should be clearly outlines
5	Lactate Testing device	The equipment shall be used for measurement of blood lactic acid levels and to be supplied along with 10,000 testing strips.

Annexure-2**Checklist of documents to be submitted as Technical Bid**

Sr. no	Document
1	Bid Processing Fees in the prescribed manner
2	EMD in the prescribed manner
3	Financial Statements/ CA certificate for proof of turnover of the supplier
4	IT Return statement for last 3 financial years
5	Proof of valid GST registration number
6	PAN
7	Copy of authorization from the OEM
8	Detailed technical specifications of equipment including OEM details
9	Declaration as per given format in Annexure-4

Annexure-3**Financial bid submission form**

Sr. No	Equipment Description	Qty	Rate (INR)	G.S.T	Amount (INR)
1	Upper body ergometer & accessories	2			
2	Lower body ergometer & accessories	2			
3	Wearable metabolic testing equipment & accessories	1			
4	Treadmill & accessories	1			
5	Lactate testing device & accessories	4			
Total amount (in figures)					
Total amount (in words)					

Signature of the bidder

(With address & seal)

Annexure-4

DECLARATION TO BE SUBMITTED BY BIDDER IN THE TECHNICAL BID

Declaration

1. I have read the terms and conditions mentioned in the tender document and undertake to abide by the same
2. The information given in the technical bid by the undersigned is correct

Signature of the bidder

(With address & seal)

Date: