



**Republic of the Philippines**  
**Office of the President**  
**Philippine Sports Commission**

**INVITATION TO BID FOR THE**

***Supply and Delivery of Various Medical and Scientific Supplies and Equipment for the Comprehensive Modernization of Medical and Scientific Athletic Services (MSAS) Lot VI***

1. The Philippine Sports Commission under the General Appropriations Fund through Board Resolution No. 562-2017 intends to apply the sum of Nine Million Four Hundred Eighty Five Thousand Seven Hundred Ninety Nine Pesos (Php9, 485, 799.00) being the Approved Budget for the Contract (ABC) to payments under the contract for *Supply and Delivery of Various Medical and Scientific Supplies and Equipment for the Comprehensive Modernization of Medical and Scientific Athletic Services (MSAS) Lot VI*.

Bids received in excess of the ABC shall be automatically rejected at bid opening.

2. The Philippine Sports Commission now invites bids for *Supply and Delivery of Various Medical and Scientific Supplies and Equipment for the Comprehensive Modernization of Medical and Scientific Athletic Services (MSAS) Lot VI*. Delivery of the Goods is required within sixty (60) days from the date of receipt by the winning bidder of the NTP. Bidders should have completed, within 3 years from the date of submission and receipt of bids, a contract similar to the project which is at least fifty percent (50%) of the ABC. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. Instructions to Bidders.
3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184, otherwise known as the "Government Procurement Reform Act".
4. Bidding is restricted to Filipino Citizens/Sole Proprietorships, Partnerships, or Organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens pursuant to RA 5183 and subject to Commonwealth Act 138.
5. Interested Bidders may obtain further information from the Philippine Sports Commission and inspect the Bidding documents at the address given below during office hours:

*Office of the BAC Secretariat, c/o Office of the BAC Chairman,  
 4/F Administration Building, Rizal Memorial Sports Complex  
 P. Ocampo Sr. St., Malate, Manila  
 525-4933*

6. A complete set of Bidding Documents may be acquired by interested Bidders on 23 October 2017 from the address above upon payment of the bidding documents in the amount of Ten Thousand Pesos (Php 10,000.00):

7. The Philippine Sports Commission will hold a Pre-Bid Conference on *30 October 2017, 10:00AM* at *BAC Bidding Room Ground Floor Administrative Building, Rizal Memorial Sports Complex P. Ocampo Sr. St., Malate Manila*, which shall be open to prospective bidders.
8. Submission of bids shall be on *14 November 2017 from 8:00 AM to 9:30 AM* at the *BAC Bidding Room Ground Floor Administrative Building, Rizal Memorial Sports Complex P. Ocampo Sr. St., Malate Manila*. Opening of bids shall be on the same day, *14 November 2017 at 10:00 AM* at the *BAC Bidding Room Ground Floor Administrative Building, Rizal Memorial Sports Complex P. Ocampo Sr. St., Malate Manila*. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 18. Late bids shall not be accepted.
9. The Philippine Sports Commission reserves the right to reject any and all bids, declare a failure of bidding at any time prior to contract award, without thereby incurring any criminal, civil, or administrative liability, regardless of the outcome of the bidding process or not award the contract at any time prior to contract award in accordance with Section 41 of RA 9184 and its IRR, without thereby incurring any liability to the affected bidder or bidders.

  
**ATTY. SANNAH B. FRIVALDO**  
Chairperson  
Bids and Awards Committee

## SECTION III. BID DATA SHEET

ITB Clause	
1.1	The Procuring Entity is <i>Philippine Sports Authority</i>
1.2	The lot(s) and reference is/are: Invitation to Bid No. 2017-10.06.  <i>Supply and Delivery of Various Medical and Scientific Supplies and Equipment for the Comprehensive Modernization of Medical and Scientific Athletic Services (MSAS) Lot VI.</i>
2	The Funding Source is:  The Government of the Philippines (GOP) through the General Appropriations Fund in the amount of Nine Million Four Hundred Eighty Five Thousand Seven Hundred Ninety Nine Pesos (Php9, 485, 799.00).  The name of the Project is <i>Supply and Delivery of Various Medical and Scientific Supplies and Equipment for the Comprehensive Modernization of Medical and Scientific Athletic Services (MSAS) Lot VI.</i>
3.1	No further instructions.
5.1	No further instructions.
5.2	None of the circumstances mentioned in the ITB Clause exists in this Project. Foreign bidders, except those falling under ITB Clause 5.2(b), may not participate in this Project.
5.4	The Bidder must have completed, within three (3) years a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.  For this purpose, similar contracts shall refer to supply and delivery of medical and scientific supplies
7	No further instructions.
8.1	Subcontracting is not allowed.
8.2	Not applicable.
9.1	The Procuring Entity will hold a pre-bid conference for this Project on 30 November 2017 at 10:00 AM at the Bidding Room, Ground Flr., PSC Administrative Building, Rizal Memorial Sports Complex, Pablo Ocampo Sr., Street, Malate, Manila.
10.1	The Procuring Entity's address is:  Philippine Sports Commission, Rizal Memorial Sports Complex, Pablo Ocampo Sr., Street, Malate, Manila.  <i>Contact Person: Atty. SANNAH R. FRIVALDO c/o Office of the BAC Chairperson, 4<sup>th</sup> Flr Administrative Bldg., Rizal Memorial Sports Complex P. Ocampo Sr. St Malate Manila Tel. No. 525-4933</i>
12.1	The first envelope shall contain the original or official certified true copy of the eligibility and technical requirements.

	<p>Additional technical documents:</p> <ol style="list-style-type: none"> <li>1. Authority of the signatory, duly notarized, to participate in the bidding at hand: <ol style="list-style-type: none"> <li>i. For Single Proprietorship – Special Power of Attorney (SPA) issued by ownership/proprietor.</li> <li>ii. For Partnership – Partnership resolution issued by the General Partner or President of the Partnership.</li> <li>iii. For Corporation – Secretary’s Certificate and Board Resolution.</li> <li>iv. For Joint Venture – Board Resolution of each JV Partner.</li> </ol> </li> </ol>
12.1(a)(ii)	Sworn statement of all ongoing government and private contracts shall include all such contracts within three (3) years prior to the deadline for the submission and receipt of bids.
13.1	No additional requirements.
13.1 (b)	No additional requirements.
13.1(c)	No further instructions.
13.2 (a)	No further instructions.
13.2 (b)	No further instructions.
15.4(a)(iv)	No incidental services required.
15.4(b)(i)	Not applicable
15.1 b (ii)	Not applicable
16.1 (b)	The Bid Prices for Goods supplied from outside the Philippines shall be quoted in Philippine Peso
16.3	No further instructions
17.1	Bids shall be valid for one hundred twenty (120) calendar days from 14 November 2017.
18. 1	<p>The bid security shall be in the following amount:</p> <ol style="list-style-type: none"> <li>1. The amount of <i>2% of ABC</i>, if bid security is in cash, cashier’s/manager’s check, bank draft/guarantee or irrevocable letter of credit;</li> <li>2. The amount of <i>5% of ABC</i> if bid security is in Surety Bond; or</li> </ol>
18.2	The bid security shall be valid for one hundred twenty days from 14 November 2017.
20.3	Each Bidder shall submit <i>one</i> original and <i>two duplicate</i> copies of the first and second components of its bid.
21	<p>The address for submission of bids is <b>Office of the BAC Secretariat, c/o Office of the BAC Chairman, 4<sup>th</sup> Flr., Administrative Bldg., Rizal Memorial Sports Complex, P. Ocampo Sr., St., Malate, Manila.</b></p> <p>The deadline for submission of bids is <b>14 November 2017, from 8:00AM to 9:30AM.</b></p>

24. 1	The place of bid opening is <b>BAC Bidding Room, Grnd Flr., Administrative Bldg., Rizal Memorial Sports Complex, P Ocampo Sr., St., Malate, Manila.</b>  The date and time of bid opening is <b>14 November 2017 at 10:00AM.</b>
24.2	No further instructions.
24.3	No further instruction
27.1	No further instructions.
28.3(a)	The goods are grouped in a single lot and the lot shall not be divided into sub-lots for the purpose of bidding, evaluation and contract award.
28.3(b)	Bid modification is not allowed.
28. 4	No further instructions.
29.2	Only tax returns filed and taxes paid through the BIR Electronic Filing and Payment System (EFPS) shall be accepted.  NOTE: The latest income and business tax returns are those within the last six months preceding the date of bid submission.
29.2 (d)	No other license or permit required.
32.4 (g)	No additional documents required.

**Atty. SANNAH R. FRIVALDO**  
BAC Chairperson

## SECTION V. SPECIAL CONDITIONS CONTRACT

GCC Clause	
1.1(i)	The Procuring Entity is <i>Philippine Sports Commission (PSC)</i>
1.1(j)	The Supplier is <i>[to be inserted at the time of contract award]</i> .
1.1(k)	The Funding Source is  The Government of the Philippines (GOP) under the General Appropriations Fund through the Board Resolution No. 562-2017 in the amount of Nine Million Four Hundred Eighty Five Thousand Seven Hundred Ninety Nine Pesos (Php9, 485, 799.00).
5.1	The Project Sites are:  Rizal Memorial Sports Complex P. Ocampo Sr. St., Malate, Manila
6.2	The Procuring Entity's address for Notices is:  <i>Office of the BAC Secretariat, c/o Office of the BAC Chairman, 4/F Administration Building, Rizal Memorial Sports Complex P. Ocampo Sr. St., Malate, Manila 525-4933</i>
10.4	The winning bidder/supplier shall deliver the goods specified in Section VI (Schedule of Requirements) and Section VII (Technical Specification) to the Procuring Entity in prime condition.
13.4(c)	Not applicable.
16.1	No further instructions
17.3	No further instructions
17.4	Three (3) months after acceptance by the Procuring Entity of the delivered Goods or after the Goods are consumed, whichever is earlier.
21.1	The period for correction of defects in the warranty period is fifteen (15) days from notice of defect.

## SECTION VI. SCHEDULE OF REQUIREMENTS

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Item Number	Description	Quantity	Total	Delivered, Weeks/Months
1	<b>Urine Specific Gravity Pen Refractometer</b> Digital Hand Held Urine Specific Gravity Pen Refractometer Resolution: Urine S.G. 0.001 Measuring time: 2 seconds Urine Specific Gravity: 1.000 to 1.0600	<b>6 units</b>		
2	<b>Urine Specific Gravity Refractometer</b> Scale: Urine S.G., Serum Protein, Refractive Index Instant display of urine s.g. from few drops of sample Zero setting in water without need for calibration solution Compact Palette design Lightweight Automatic Temperature compensation Water Resistant	<b>6 units</b>		
3	<b>Stopwatch</b> 100 dual split automatic memory and timing capability to 1/100 <sup>th</sup> of seconds With auto stop at last display allows for easy retrieval of data Water and shock resistant	<b>6 units</b>		
4	<b>PVC Cones 9 inches</b> 9-12"	<b>12 pcs</b>		
5	<b>Triangular Ruler</b> Metal 12"	<b>10 pcs</b>		
6	<b>Retractable Measuring Tape</b> Product Name: Tape Measure Material: Fiberglass, Plastic Tape Color: White Measuring scale: Metric Measuring Length : 20 Meters/ 65.6 Ft; Tape Width : 13mm/ 0.51" Case Size : 145 x 125 x 20mm/ 5.7" x 4.9" x 0.78" (L*W*T); Shell Color : any	<b>10 units</b>		
7	<b>Sports Radar Gun</b> Speeds Range: 10 to 199 in MPH or Km/H	<b>1 unit</b>		

	<p>Point and Shoot technology  Range: typically 60' on balls, 1,000' on cars  Trigger or Continuous Modes  Tripod Mount  Quick Read Mode  Average Speed statistic  Selectable Audio Indicator  Operates on six (6) standard AAA alkaline batteries  Battery life: 100 hours  Auto Shutdown to prolong battery life  Low Battery Indicator  Includes soft case and speed tuning fork  Weight: 0.8 lbs</p>			
8	<p><b>Projector</b>  Portable Projector, Full HD resolution and enhanced connectivity  Project graphics in 1080p from laptops, smartphones, tablets and streaming devices  Wide screen resolution, includes HDMI and MHL support and easy wireless setup</p>	<b>1 unit</b>		
9	<p><b>Portable Speakers</b>  Portable wireless speakers  High resolution audio compatible  Extra bass, Bluetooth and aux connector  Water and shock resistant</p>	<b>2 units</b>		
10	<p><b>Pool Swimming Machine</b></p> <ul style="list-style-type: none"> <li>• Its 7.5-hp pump with dual hydraulic motors drives two custom-designed propellers, moving more than double the water volume of our Original Endless Pool</li> <li>The propellers' extra distance from the outlet grill (itself a spacious 24"x18") lets the current straighten, so you enjoy an ultra-smooth swim.</li> <li>• 8' x 14' to 10' x 16' swimming area</li> <li>• 39" standard water depth, 45" &amp; 51" optional</li> <li>• Modular steel construction</li> <li>• 7.5-hp, two-motor, two-propeller swim current generator with wireless remote control</li> <li>• 24" x 18" water outlet grill</li> <li>• Reinforced acrylic water flow and conditioning</li> </ul>	<b>2 units</b>		



	<p>system</p> <ul style="list-style-type: none"> <li>• Three 59" x 18" stainless steel VGB compliant suction grills</li> <li>• Poolside digital systems control</li> <li>• High-efficiency circulating pump</li> <li>• Skimmer filter (removable-cartridge type)</li> <li>• 4-kW electric heater</li> <li>• 220-volt, 50-amp power requirement</li> <li>• Backstroke mirror</li> <li>• Floor mirror for competitive swimmer</li> </ul>			
11	<p><b>External Hard Drive (1 Terabyte)</b>  Bus powered portable hard drive  Connector options of USB 3.0 and USB 2.0  Hard drive speed of 5,400rpm. Water and shock resistant</p>	<b>2 units</b>		
12	<p><b>Cycling Ergometer</b>  Wattbike Frame- 30kg, 80mm x 40mm, 2.5mm thick zinc shield primed steel frame to provide a strong and stable platform.  Frame Feet: 5cm diameter rubber feet  Transportation roller fitted with incline skate ball-bearing wheels  Bottom Bracket: 30mm thick, industrial grade ball bearing  Crank: 170mm long, thematically treated hardened steel  Pedals: Combination pedals are fitted as standard with SPD fitting on one side and toe cage on the other.  Chain &amp; Belt Drive: 1/2"x 1/8" steel, automotive industry rubber, Kevlar reinforced belt.  Handlebar &amp; seat stems &amp; Horizontal Sliders: Stems are 45mm square, 3mm thick stainless steel with 1cm incremental height adjustments. Cast stainless steel sliders with 5mm marker increments  Adjustment Levers  Saddle Height Adjustment: 59cm-84cm</p>	<b>4 units</b>		

	<p>Handlebar: stainless steel spinning handlebars with vulcanised rubber grip 55-74cm</p> <p>Air resistance flywheel-industrial grade zinc anodized iron/ steel flywheel</p> <p>Air gear lever, magnetic resistance control lever(secondary resistance system)</p> <p>Wattbike performance</p> <p>Monitor: measures 42 different parameters</p> <p>Receives Ant+ data from HR monitors</p> <p>Broadcast: Bike Power protocol, Bike speed and cadence, wattbike protocol for power cycling SE data via ANT+</p> <p>Displays the data information on the LCD display and is fully customizable, Displays the Polar view.</p> <p>Battery L-ion7.4v; 2550mAh</p> <p>Battery Charge: 12v 1000mA: 12W max</p> <p>Charging time from flat 8-10 hours</p> <p>Battery Autonomy 20 hours</p>			
13	<p><b>Rowing Ergometer Performance Monitor.</b></p> <p>Nickel plated steel chain, monorail</p> <p>Aluminum front legs, steel rear legs</p> <p>Easy storage and mobility</p> <p>Adjustable footrests and Ergonomic handle</p>	<b>3 units</b>		
14	<p><b>Wireless Light System Trainer 24 Pack with Accessories</b></p> <p>Wireless light system comprised of RGB LED powered lights, Central tablet controller, Immediate feedback</p> <p>Water &amp; impact resistant</p> <p>Wireless range: 75 meters</p> <p>Split time activation: 0-6 feet</p>	<b>1 unit</b>		
15	<p><b>3-axis Accelerometer device for sports application</b></p> <p>Dimension: 4.6cmx 3.3cmx 1.5cm</p> <p>30-100Hertz, Memory 4GB</p> <p>Water resistant of 1 meter, 3 axis MEMS accelerometer and filtering algorithm</p> <p>ANT+Transmission</p>	<b>15 pcs</b>		

	<p>With :</p> <p><b>a. Actilife software 1 unit</b></p> <p><b>b. Watchband 15 pcs</b></p>			
16	<p><b>Professional Video Camera with 22 x zoom</b>  1/3" 3MOS Sensors (1920 x 1080)</p> <ul style="list-style-type: none"> <li>• 22x Optical Zoom Lens</li> <li>• 2 x microP2 &amp; 1 x P2 Media Card Slot</li> <li>• AVC-ULTRA, 1080p Variable Frame Rate</li> <li>• 3.5" LCD Screen, OLED Viewfinder</li> </ul>	<b>3 units</b>		
17	<p><b>High Speed Professional Camera (standard)</b>  G Lens, 20x (optical), f = 4.1 to 82mm, f = 29.5 to 590 mm at 16:9 mode, f = 36.1 to 722 mm at 4:3 mode, filter diameter: 72mm 1/3 inch-type, progressive 3 ClearVid CMOS Sensor system with technology of Exmor Approx. 1,037,000 pixels (effective), approx. 1,120,000 pixels (total) Auto, one-push auto (A/B positions), indoor (3200 K), outdoor (selectable level -7 to +7, approx. 500K/step), manual WB Temp (selectable 2300K to 15000K, 100K/step) Illumination 1.5 lux (auto gain, auto iris, 1/25 stutter)</p>	<b>3 units</b>		
18	<p><b>Clamp Dynanometer</b>  Digital dynamometer with 2 shackles 5,000lbf</p>	<b>4 pcs</b>		
19	<p><b>Accelerometer Sports Application</b>  Operating Voltage: 1.8V-3.6V  Typical Current: 300 <math>\mu</math>A  3 axis sensing  4 x mounting hole  Built-in-Lithium Cell,  Waterproof</p>	<b>10 pcs</b>		
20	<p><b>Heart Rate Monitor</b>  Operating temperature: 14 deg F to 122 deg F  Physical Specifications  Unit dimensions (LxWxD):  23.5"-56.0" x 1.2" x 0.5"  (60.0 - 142.0 x 3.0 x 1.2 cm)  Weight: 2.1 oz (59 g)  Module size: 29.4 x 51.4 x 8.5 mm  Module weight: 1.7 oz (49 g)</p>	<b>15 pcs</b>		

	<p>Size adjustment: Bi-fold  Sizing range: 23.5"-56.0"  (60.0 - 142.0 cm)  Battery: CR2032  Battery life: Up to 1 year  (approx. 1 hour per day)  <b>Water rating: 5 ATM</b>  <b>Additional</b></p> <p>ANT+ heart rate: yes  Supports heart rate  variability and advanced  heart rate features: yes  2.4 GHz ANT wireless  communication protocol:  yes  Running dynamics: yes  Stores and forwards heart  rate: no  Swim interval heart rate  statistics: no  Non-slip design for pool  swimming: no  Pool chemical resistant: no</p>			
21	<p><b>Hand Dynamometer</b>  Digital, Hydraulic hand  dynamometer  Dual scale (kg or pounds)</p>	<b>4 units</b>		

## SECTION VII. TECHNICAL SPECIFICATIONS

Item	Specification	Statement of Compliance
1	<b>Urine Specific Gravity Pen Refractometer</b> Digital Hand Held Urine Specific Gravity Pen Refractometer Resolution: Urine S.G. 0.001 Measuring time: 2 seconds Urine Specific Gravity: 1.000 to 1.0600	
2	<b>Urine Specific Gravity Refractometer</b> Scale: Urine S.G., Serum Protein, Refractive Index Instant display of urine s.g. from few drops of sample Zero setting in water without need for calibration solution Compact Palette design	

	<p>Lightweight Automatic Temperature compensation Water Resistant</p>	
3	<p><b>Stopwatch</b> 100 dual split automatic memory and timing capability to 1/100<sup>th</sup> of seconds With auto stop at last display allows for easy retrieval of data Water and shock resistant</p>	
4	<p><b>PVC Cones 9 inches</b> 9-12"</p>	
5	<p><b>Triangular Ruler</b> Metal 12"</p>	
6	<p><b>Retractable Measuring Tape</b> Product Name: Tape Measure Material: Fiberglass, Plastic Tape Color: White Measuring scale: Metric Measuring Length : 20 Meters/ 65.6 Ft; Tape Width : 13mm/ 0.51" Case Size : 145 x 125 x 20mm/ 5.7" x 4.9" x 0.78" (L*W*T); Shell Color : any</p>	
7	<p><b>Sports Radar Gun</b> Speeds Range: 10 to 199 in MPH or Km/H Point and Shoot technology Range: typically 60' on balls, 1,000' on cars Trigger or Continuous Modes Tripod Mount Quick Read Mode Average Speed statistic Selectable Audio Indicator Operates on six (6) standard AAA alkaline batteries Battery life: 100 hours Auto Shutdown to prolong battery life Low Battery Indicator Includes soft case and speed tuning fork Weight: 0.8 lbs</p>	
8	<p><b>Projector</b> Portable Projector, Full HD resolution and enhanced connectivity Project graphics in 1080p from laptops, smartphones, tablets and streaming devices Wide screen resolution, includes HDMI and MHL support and easy wireless setup</p>	
9	<p><b>Portable Speakers</b> Portable wireless speakers High resolution audio compatible Extra bass, Bluetooth and aux connector Water and shock resistant</p>	

10	<p><b>Pool Swimming Machine</b></p> <ul style="list-style-type: none"> <li>• Its 7.5-hp pump with dual hydraulic motors drives two custom-designed propellers, moving more than double the water volume of our Original Endless Pool</li> <li>The propellers' extra distance from the outlet grill (itself a spacious 24"x18") lets the current straighten, so you enjoy an ultra-smooth swim.</li> <li>• 8' x 14' to 10' x 16' swimming area</li> <li>• 39" standard water depth, 45" &amp; 51" optional</li> <li>• Modular steel construction</li> <li>• 7.5-hp, two-motor, two-propeller swim current generator with wireless remote control</li> <li>• 24" x 18" water outlet grill</li> <li>• Reinforced acrylic water flow and conditioning system</li> <li>• Three 59" x 18" stainless steel VGB compliant suction grills</li> <li>• Poolside digital systems control</li> <li>• High-efficiency circulating pump</li> <li>• Skimmer filter (removable-cartridge type)</li> <li>• 4-kW electric heater</li> <li>• 220-volt, 50-amp power requirement</li> <li>• Backstroke mirror</li> <li>• Floor mirror for competitive swimmer</li> </ul>	
11	<p><b>External Hard Drive (1 Terabyte)</b></p> <p>Bus powered portable hard drive  Connector options of USB 3.0 and USB 2.0  Hard drive speed of 5,400rpm.  Water and shock resistant</p>	
12	<p><b>Cycling Ergometer Wattbike</b></p> <p>Frame- 30kg, 80mm x 40mm, 2.5mm thick zinc shield primed steel frame to provide a strong and stable platform.  Frame Feet: 5cm diameter rubber feet  Transportation roller fitted with incline skate ball-bearing wheels  Bottom Bracket: 30mm thick, industrial grade ball bearing  Crank: 170mm long, thematically treated hardened steel  Pedals: Combination pedals are fitted as standard with SPD fitting on one side and toe cage on the</p>	

	<p>other.</p> <p>Chain &amp; Belt Drive: ½"x 1/8" steel, automotive industry rubber, Kevlar reinforced belt.</p> <p>Handlebar &amp; seat stems &amp; Horizontal Sliders: Stems are 45mm square, 3mm thick stainless steel with 1cm incremental height adjustments. Cast stainless steel sliders with 5mm marker increments</p> <p>Adjustment Levers</p> <p>Saddle Height Adjustment: 59cm-84cm</p> <p>Handlebar: stainless steel spinning handlebars with vulcansed rubber grip 55-74cm</p> <p>Air resistance flywheel- industrial grade zinc anodized iron/ steel flywheel</p> <p>Air gear lever, magnetic resistance control lever(secondary resistance system)</p> <p>Wattbike performance Monitor: measures 42 different parameters</p> <p>Receives Ant+ data from HR monitors</p> <p>Broadcast: Bike Power protocol, Bike speed and cadence, wattbike protocol for power cycling SE data via ANT+</p> <p>Displays the data information on the LCD display and is fully customizable, Displays the Polar view.</p> <p>Battery L-ion7.4v; 2550mAh</p> <p>Battery Charge: 12v 1000mA: 12W max</p> <p>Charging time from flat 8-10 hours</p> <p>Battery Autonomy 20 hours</p>	
13	<p><b>Rowing Ergometer</b> Performance Monitor. Nickel plated steel chain, monorail</p> <p>Aluminum front legs, steel rear legs</p> <p>Easy storage and mobility</p> <p>Adjustable footrests and Ergonomic handle</p>	
14	<p><b>Wireless Light System Trainer 24 Pack with Accessories</b></p> <p>Wireless light system comprised of RGB LED powered lights, Central tablet controller, Immediate feedback</p> <p>Water &amp; impact resistant</p> <p>Wireless range: 75 meters</p> <p>Split time activation: 0-6 feet</p>	
15	<p><b>3-axis Accelerometer device for sports application</b></p>	



	<p>Dimension: 4.6cmx 3.3cmx 1.5cm  30-100Hertz, Memory 4GB  Water resistant of 1 meter, 3 axis MEMS accelerometer and filtering algorithm  ANT+Transmission  With :  <b>c. Actilife software 1 unit</b>  <b>d. Watchband 15 pcs</b></p>	
16	<p><b>Professional Video Camera with 22 x zoom</b>  1/3" 3MOS Sensors (1920 x 1080)  • 22x Optical Zoom Lens  • 2 x microP2 &amp; 1 x P2 Media Card Slot  • AVC-ULTRA, 1080p Variable Frame Rate  • 3.5" LCD Screen, OLED Viewfinder</p>	
17	<p><b>High Speed Professional Camera (standard)</b>  G Lens, 20x (optical), f = 4.1 to 82mm, f = 29.5 to 590 mm at 16:9 mode, f = 36.1 to 722 mm at 4:3 mode, filter diameter: 72mm 1/3 inch-type, progressive 3 ClearVid CMOS Sensor system with technology of Exmor Approx. 1,037,000 pixels (effective), approx. 1,120,000 pixels (total) Auto, one-push auto (A/B positions), indoor (3200 K), outdoor (selectable level -7 to +7, approx. 500K/step), manual WB Temp (selectable 2300K to 15000K, 100K/step) Illumination 1.5 lux (auto gain, auto iris, 1/25 stutter)</p>	
18	<p><b>Clamp Dynanometer</b> Digital dynamometer with 2 shackles 5,000lbf</p>	
19	<p><b>Accelerometer Sports Application</b>  Operating Voltage: 1.8V-3.6V  Typical Current: 300 <math>\mu</math>A  3 axis sensing  4 x mounting hole  Built-in-Lithium Cell, Waterproof</p>	
20	<p><b>Heart Rate Monitor</b> Operating temperature: 14 deg F to 122 deg F  Physical Specifications  Unit dimensions (LxWxD):  23.5"-56.0" x 1.2" x 0.5" (60.0 - 142.0 x 3.0 x 1.2 cm)  Weight: 2.1 oz (59 g)  Module size: 29.4 x 51.4 x 8.5 mm  Module weight: 1.7 oz (49 g)  Size adjustment: Bi-fold</p>	

	<p>Sizing range: 23.5"-56.0" (60.0 - 142.0 cm)  Battery: CR2032  Battery life: Up to 1 year (approx. 1 hour per day)  <b>Water rating: 5 ATM</b>  <b>Additional</b>  ANT+ heart rate: yes  Supports heart rate variability and advanced heart rate features: yes  2.4 GHz ANT wireless communication protocol: yes  Running dynamics: yes  Stores and forwards heart rate: no  Swim interval heart rate statistics: no  Non-slip design for pool swimming: no  Pool chemical resistant: no</p>	
21	<p><b>Hand Dynamometer</b> Digital, Hydraulic hand dynamometer  Dual scale (kg or pounds)</p>	