



सत्यमेव जयते

भारत सरकार
Government of India

रक्षा मंत्रालय
Ministry of Defence

रक्षा लेखा महानियंत्रक

Controller General of Defence Accounts

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IFA Circular No.14 of 2014.

No. IFA/400

Dated:-10.12.2014

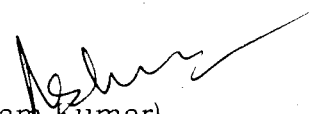
To

All Pr. IFA's / IFA's

Sub Procedure for Expenditure on Sports Equipment/Infrastructure/Activities.

A copy of GoI Ministry of Defence letter No. Air HQ/31705/4/SCB/2011 dated 19.11.2014 on the above subject is forwarded herewith for information and guidance please.

Encl :- As above.


(Ram Kumar)
Sr AO (IFA Wing)

Air HQ/31705/4/SCB/2011
Government of India
Ministry of Defence
New Delhi

19 November 2014

To,

The Chief of Air Staff

PROCEDURE FOR EXPENDITURE
ON SPORTS EQUIPMENT / INFRASTRUCTURE / ACTIVITIES

Sir,

1. I am directed to convey the sanction of the President for incurring expenditure under Major Head 2078, Minor Head 800 and Code Head 795/01 of Defence Services Estimates Air Force, not exceeding yearly budgetary allocations on procurement of Sports Kit & Gear, Sports Equipment, Infrastructure, Sports Medicine Equipment, Equipment / Machinery required for maintenance of Sports venue / arenas and other sports related expenditure in accordance with Schedule XVI(E) of Air HQ/ 95378/1/Fin P/ 2431/US(RC)/Air-II/06 dated 14 Jul 06 as amended vide Air HQ/95378/1/Fin P/ 56/SO (BB)/Air-IV/09 dated 24 Feb 09 and as amended from time to time.

2. The expenditure will be incurred by Air Force authorities under the broad heads and for the purposes as indicated below:-

(a) **Procurement of Sports Equipment and Establishment of Sports Facilities**

(i) The powers can be used on the Procurement of sports equipment, sports kit and gear, Gym equipment, Fitness equipment, rehabilitation / recovery equipment, training aids, trophies, medals, certificates, sports related infrastructure and all expenditure for procurement / installation / maintenance (including AMC) of sports related equipment required for training, competitions, testing / monitoring of performance, conditioning, rehabilitation, recovery, medicines (including consumables), etc., for all sports disciplines which is officially introduced by SSCB/ AFSCB from time to time.

(ii) Provisioning for laying of Synthetic / wooden surfaces / fields / tracks / courts, etc., for all sports disciplines including indoor surfaces, provisioning of lighting, flood lighting, seating for official, referee, player and any other additional facilities wherever applicable at Air Force team nodal centres / Command team nodal centres and any other unit of Air Force including development and upgradation of sporting fields / courts, with concurrence of IFA and approval of CFA.

(iii) For sports infrastructure and high value equipment, Priority Procurement Plan will be approved as per Scale of Accommodation /SAI norms. In case Scales/ norms have not been prescribed, or the requirement is beyond prescribed scales/norms, AFSCB may issue guidelines in consultation with Pr. IFA.

(iv) For development of sports infrastructure, a rep of MES would be included as a technical member of Board of officers responsible for QR preparation, TEC and acceptance of work. At Air Force Stations where MES does not exist, rep of CPWD may be co-opted as technical member for the same.

(v) An indicative list of sports equipment is placed at appendix to be used as a general guideline.

(b) **Expenditure on Coaching, Training and Competition**

(i) Consumables and spares for sports equipments, necessary modification / repairs to sport equipments including arms and armament, electronic targets, electronic score board, scoring machines, etc. by local as well as foreign vendors.

(ii) Hiring of coaches including foreign coaches where necessary due to non availability of qualified Indian Coaches for training of selected players, Sports Nutrition specialist (including the cost of diet supplement) and physiotherapists for training of Air Force teams either at Air Force nodal centres or at their respective training facilities.

(iii) Hiring of specialised sports arenas and surfaces like Astroturf, hiring of accommodations for training camps of Air Force teams, visiting teams / competitions and sports complexes / ranges, etc.,

(iv) Expenditure on photography, videography, print, media coverage, PA system, audio visual equipment, display devices, advertisements, etc.

(v) Hiring of Transport for sporting events and for conveying sportsmen, visiting teams and coaches to sports arena and back where the same is not available through service sources. Conveyance of coaches and officials including foreign nationals for reeve of route for marathon, cross country, cycling, etc.

(vi) Affiliation, membership, participation, entry fees payable to various Sports federation for participation in selection trials, national and International sporting events. Government sanction would invariably be sought for visits abroad.

(vii) All contingencies and emergent training / administrative requirements (including consumables, fuels, oils, lubricants, etc,) related to sports activities, seminars / workshops, conferences, etc.

(c) **Expenditure on Kitting , Extra Diet and Incentives**

(i) Provision / Expenditure on Kitting and Extra Diet to sportsmen, support staff during training / coaching including provision of refreshment and supplements to sports personnel as per policy of AFSCB.

(ii) Expenses for freight/ import of sports equipment, kit gear, etc. where required.

(iii) Payment of incentives to sports persons and support staff based on their performance in various competitions.

Note: Sports authority of India (SAI) norms will be used for various items viz. scales of diet etc for sports persons, consumables, kits etc.

(d) **Expenditure on Sports Science Equipment and Sports Library**

(i) Accessories and software required for sports science centres for sportsmen including physiology evaluation, nutritional evaluations, biomechanics, biochemistry, basic lab, physiotherapy, rehabilitation, medical inspection, medical aid / treatment, research, dope testing, etc., Expenditure will also include consultancy, analysis, testing of samples, chemical examinations, investigations, repairs, upgradation, replacement of equipment, medical consumables and AMC.

(ii) Maintenance / Establishment of sports library including publications, books, magazines, electronic storage devices, digital hardware / software, etc.

3. **Other Misc Provisions**

The Sports Kit and Gear are issued to sportsmen as part of personal kitting. However, items of permanent nature like sports equipment, infrastructure, etc., met out of SAG grant would be the responsibility of the Unit / Station / Nodal Centre.

4. **Procedure for Expenditure**

(a) The expenditure in connection with sports activities will be incurred by Air Force Sports Control Board (AFSCB) / Command Sports Control Boards (CSCB) / Air Force Units. AFSCB will sub-allocate the funds to CSCBs based on the requirement.

(b) AFSCB will act as indenter at AIR HQs level to initiate case file through penultimate CFA to PIFA and CFA for centralised procurement of sports kit & gear / other associated services and facilities as listed above. Similarly, the Command Sports Control Board/ Nodal centres / Air Force Units would initiate cases at Command / Nodal centre / Unit level for approval of respective CFA with concurrence of their IFA. The accounting and disposal of all permanent and consumable spares will be as per the laid down procedures.

(c) As per the requirement received from Command Sports Control Board the requirement of funds would be projected to D Fin P by AFSCB at the beginning of the year. D Fin P on receipt of requirement would allocate the projected funds to AFSCB.

(d) The record and cash accounts for the funds allotted under code head 795/01 are to be maintained by 412 AF Station for expenditures incurred by AFSCB. AFSCB sub allocates the funds under code head 795/01 to Command Sports Control Boards / Nodal centres / Air Force Units and the record & cash account for the same are to be maintained by respective accounts sections. A register for expenditure is to be maintained as per AFO 54/77 at AFND accounts section / Command accounts section / Nodal Centre accounts section / Air Force Unit Accounts Section. After ascertaining availability of funds, sufficient funds are to be retained for centralised purchase of sports kit and gear.

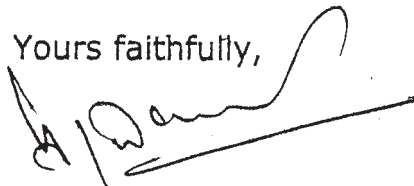
5. The procurement/ establishment of sports equipment / infrastructure will be done as per the financial powers delegated for this purpose and the procedures laid down in DPM 2009 as amended from time to time.

6. On termination of sports activity, all stores procured from Sports Activity Grant and have been issued to the teams, items other than personal kit and under garments will be taken over on charge by unit / formation /sports nodes. The accounting and disposal of all permanent and consumable stores will be as per laid down procedures for stores procured out of Govt. funds. Losses if any, occurring during the sports activity are to be regularised with the approval of CFA as per delegation of financial powers.

7. For procurement of any other sports item/equipment/gear required for training and conduct mentioned at the end of each group of items in the indicative list, approval of AFSCB and concurrence of Pr.IFA (AF) would be obtained.

8. This issues with the concurrence of Ministry of Defence (Finance/P&W) vide their RF No 507/AF/P&W dated 14 Nov 14.

Yours faithfully,



(D.S Sajwan)

Under Secretary to the Govt of India

Copy to:-

1. The CGDA, Ulan Buttar Road, Delhi Cantt., New Delhi :
02 copies (One signed in ink).
2. The DG Audit Defence Services, New Delhi
3. The Director of Audit, Air Force & Navy, New Delhi : 02 copies.
4. PIFA (AF)
5. Ministry of Defence (Fin)
6. PD SAS

Appendix

(Refer to Para 2 (a) of Govt of India, MoD

Letter No. Air HQ/31705/4/SCB/2011

Dated 14 November 2014)

INDICATIVE LIST OF SPORTS EQUIPMENT

1. An indicative list of sports equipment that may be procured out of SAG is given below.

2. The list is to be used as a general guideline only and expenditure on disciplines/items not listed may be carried out if the CFA sanctioning the expenditure is satisfied of the same falling under the purview of SAG.

Ser No.

Items

<u>Ser No.</u>	<u>Items</u>
	<u>ARCHERY</u>
1	Handles
2	Limbs
3	Bow Set
4	Arrows
5	Nock sets
6	Vanes
7	Fletchers
8	Sight
9	Sight Pin
10	Arrow Rest
11	Plunger
12	Stablizer Rod
13	Extender
14	V-Bar
15	Damper Extension
16	Clicker
17	Arm Guards
18	Chest Guard
19	Quivers
20	Finger Tab
21	Bow Stand
22	Bow Slings
23	Limb Saver
24	Arrow Weight Adjustment Tubes
25	Nock Aoutsert Rings
26	Nock Adapter
27	Points
28	Inserts
29	Unblushing

30	Nock Pin
31	Arrow Wraps
32	Thinner
33	Lacquer
34	Cable Guard Mount
35	Sude Rods
36	Offsets Bracket/Bar
37	Balancer
38	Eye Bolt
39	Scope
40	Suppression Mount
41	Stabilizer Weights
42	Slides
43	Cable Saver
44	Cable Guards
45	Cushion Button
46	Hope Rope
47	Peep
48	Peep Tubing
49	Release
50	Release Rope
51	Chest Protector
52	Quiver Belt
53	Grips
54	Grips Pad
55	String Spool
56	Serving Thread
57	Arrow Cutter Machine
58	Arrow Cutter Blade
59	String Jig
60	Serving Jig
61	Bow Case
62	Swiss Ball
63	Dumb Bells
64	Telescopes
65	Feather Power
66	Spotting Scopes
67	Binoculars
68	Stretching Band
69	Archers Tuning Kit
70	Archery Tool Box
71	Medicine Ball
72	Cresting Wraps
73	Gel
74	Fletching Cement

76	Glue
77	Glue and Conditioner
78	Fletch Adhesive
79	Fletching Tape
80	Hot Melt
81	Meal Tite
82	Wax
83	Cable Separator
84	Bow Stringer
85	Bow Square
86	Line Gauge
87	Centre Gauge
88	Point Pliers
89	Crimping Tool
90	Knocking Pliers
91	Key Set
92	Elkin Eex Key Set
93	Screw Driver Kit
94	Sight Repair Kit
95	Arrow Straightener
96	Electronic Scale
97	Bow Press
98	Heater Man Wave
99	Arrow Puller
100	Arrow Lube Tube
101	Bow Rack
102	Pongee
103	Shooting Court
104	Stretching Mat
105	Magnifying Glass
106	Big Mirror with Stand
107	Poundage Check Machine
108	Target Faces
109	Target Stand
110	Target Boss
111	Target Face Pin
112	Wind Flags
113	Target Boss Trolley
114	Shooting Timer Clock
115	Target Boss Marking Machine
116	Target Cover
117	Marking Line
118	Fletching Jig
119	Target Flags Sticks

- 122 Telescope Stand
- 123 Arrow Marker
- 124 Straw
- 125 Centralizer Stabilizer
- 126 Any other sports item/eqpt/gear required for training
Including cross training and conduct.

ATHLETICS

- 127 Hurdles Portable and Adjustable
- 128 Pole Vault stand and planting box
- 129 High Jump Stand
- 130 Pole Vault and High Jump Cross Bars
- 131 Hammer Throw cage and discus throw cage
- 132 High jump and Pole Vault landing pits
- 133 Steeple chase Hurdles
- 134 Iron Shoes various wt and sizes
- 135 Hammer, Shot put, Discus circular Ring and Javelin Arc
- 136 Pole vault poles fiberglass
- 137 Score Board and lane Number Indicator
- 138 Cinder for cinder track and improvement of existing track
- 139 Lane Marking Machine
- 140 Starting block
- 141 Roman Ring
- 142 Relay Batons
- 143 Takeoff Board
- 144 Box Plyometric all kinds, various ht
- 145 Spring Board
- 146 Elect starter eqpt including sound boxes
- 147 Elect performance indicators
- 148 Any other sports item/eqpt/gear reqd for training and conduct.

BOXING

- 149 Boxing Ring with wooden platform, rubber base flooring, canvas cover,
Overhead Lights, Red and blue corner lights, corner pads, ropes,
revolving stools for red and blue corners and spittoon arrangements etc
- 150 Electronic Timer, Round Indicator, Stop and Go type & Gong
- 151 Speed Balls
- 152 Punching Bags
- 153 Twister Grip
- 154 Head Guard
- 155 Cup protector
- 156 Gum Shields
- 157 Lighting arrangements for Ring

- 159 Training boxing gloves
- 160 Punch measuring machine
- 161 Training robots
- 162 Boxing Shoes
- 163 Boxing gloves
- 164 Punching pad leather
- 165 Punching Bag Leather with inner Chain & Swivel
- 166 Wall Pad Leather
- 167 Speed Balls Sets
- 168 Sparring gloves
- 169 Officials indicating boards
- 170 Bandages
- 171 Computrised Scoring System with set boxes (5 Nos)
CPU, Printer, Monitor Screen and UPS
- 172 Hand held battery operated scoring machines
- 173 Any other sports item/ eqpt/ gear required for training and conduct.

BADMINTON

- 174 Racket
- 175 Shuttles
- 176 Nets
- 177 Poles
- 178 Lighting System
- 179 Electronic score boards
- 180 Synthetic/Wooden Courts
- 181 Maintenance of courts
- 182 Any other sports item/ eqpt/ gear required for training and conduct.

CHESS

- 183 Playing eqpt
- 184 Timer & Stop Watch
- 185 Electronic /Manual score boards
- 186 Any other sports item/ eqpt/ gear required for training and conduct.

GOLF

- 187 Playing Eqpt
- 188 Maintenance eqpt and material
- 189 Irrigation system
- 190 Grass
- 191 Mud
- 192 Sand
- 193 Electronic score boards
- 194 Any other sports item/ eqpt/ gear required for training and conduct.

KABADDI

- 195 Synthetic mats
- 196 Maintenance of Kabaddi ground
- 197 Electronic score boards
- 198 Any other sports item/ eqpt/ gear required for training and conduct.

SHOOTING

- 199 Electric target changing machines
- 200 Electric target machines
- 201 Electric targets
- 202 Skeet Machine
- 203 Trap Machine
- 204 Paper targets rifle
- 205 Paper targets rifle pistol
- 206 Rifle testing machine
- 207 Pistol testing machine
- 208 Battery
- 209 Generator 30 KVA
- 210 Scatt simulator
- 211 Video Projector
- 212 Screen with stand for video projector sys
- 213 Wireless communication set
- 214 Illuminated scoring guage
- 215 Shooting mat
- 216 Dry spring loaded cartridge – different bores
- 217 Weapon repair kits
- 218 Pistol grip
- 219 Pistol Carrying Case
- 220 Rifle Carrying Case
- 221 Shot gun carrying case
- 222 Wire brushes trap & skeet
- 223 Pistol shooting clothing upper
- 224 Pistol shooting clothing lower
- 225 Air compressor machine rifle pistol
- 226 CO2 gas cylinder
- 227 Clothing thickness gauge
- 228 Trigger pressure gauge
- 229 Pistol sizing box
- 230 Wire mesh screen
- 231 Shooting jacket
- 232 Shooting Trouser
- 233 Shooting pullover
- 234 Shooting inner lower

- 236 Shooting sling
- 237 Shooting kneeling roll
- 238 Shooting belt
- 239 Shooting goggles, pistol
- 240 Shooting shoes
- 241 Shooting jacket trap & skeet
- 242 Shooting goggles trap & skeet
- 243 Ear plug
- 244 Ranger Finder
- 245 Head band
- 246 Telescope
- 247 Telescope stand
- 248 Shooting mat
- 249 Shooting kit bag
- 250 Rifle stand
- 251 Shooting cap
- 252 Shooting gloves
- 253 Shooting inner lower
- 254 Shooting kneeling roll
- 255 Shooting shoes
- 256 Shooting sling
- 257 Spare parts for precision shooting sports rifle, pistol and shotgun
- 258 Accessories for Rifle, Pistol and Shotgun
- 259 Purchase of arms, ammunition, air pellets and clay birds
- 260 Expenditure on consultancy, analysis, testing of samples, chemical exam, investigations relating to sports
- 261 Any other sports item/ eqpt/ gear required for training and conduct.

WEIGHT LIFTING

- 262 Weight Lifting Belts
- 263 Weight Lifting Platform
- 264 Weight Lifting Squat Rack, inclined bench and Dumbbells adjustable
- 265 Rack for drops snatch exercises, low and high bench for press and other exercises
- 266 Weight Lifting Shoes
- 267 Computerised Electronic W/L Judging system
- 268 Disc Rack
- 269 Bar Rack
- 270 Warm up Platform
- 271 Wooden block
- 272 Mini platform
- 273 Knee Bandage
- 274 Wrist Bandage
- 275 Leather Belt

- 278 Wooden box plyometric exercise
- 279 V Scope analyzer eqpt
- 280 Dummies
- 281 Wrestling costumes
- 282 Different types of weight training eqpt
- 283 Wrestling shoes
- 284 Officials name board
- 285 Official table
- 286 Points indicator bats white, red and blue
- 287 Caution bats officials white, red and blue
- 288 Teni quite ring for controlling bouts
- 289 Draws coins set
- 290 Gong bell
- 291 Chilamachi trays red and blue
- 292 Wrist band officials Red & Blue
- 293 Rope gallows
- 294 Any other sports item/ eqpt/ gear required for training and conduct.

CYCLING

- 295 Time trial bicycle
- 296 Seat tube
- 297 Back wheel
- 298 Sprockets
- 299 Chain wheels
- 300 Crank
- 301 Clipless Pedals
- 302 Tubeless tyres
- 303 Gear Assembly
- 304 Seat
- 305 Road Racing Bicycle
- 306 Brake lever/Brakes
- 307 Forks
- 308 Frame
- 309 Pedals
- 310 Chain wheels
- 311 Rim
- 312 Gear Assembly
- 313 Tyres
- 314 Track Bicycle
- 315 Saddle
- 316 Seat Tube
- 317 Rear Hub
- 318 Rear disc wheel
- 319 Bull Horns
- 320 Acrobars

- 322 Helmet
- 323 Foot jump
- 324 Any other sports item/ eqpt/ gear required for training and conduct.

GYMNASTICS

- 325 Floor mats
- 326 Asymmetric Parallel Bars
- 327 Horizontal Ball
- 328 Spring Board
- 329 Vaulting Horse
- 330 Parallel Bars
- 331 Roman rings
- 332 Balance beams
- 333 Pommel beams
- 334 Electronic Score Board
- 335 Magnesium Pander
- 336 Ribbon
- 337 Clubs
- 338 Ball
- 339 Rope
- 340 Hoop
- 341 Wooden Surface with bound & shock absorption
- 342 Trampoline
- 343 Any other sports item/ eqpt/ gear required for training and conduct.

AQUATICS

- 344 Diving board/Pivot (Fulcrum)
- 345 Lane ropes
- 346 Starting blocks
- 347 Electronic touch pads
- 348 Electronic Score board
- 349 Water Polo goal post
- 350 Any other sports item/ eqpt/ gear required for training and conduct.

CRICKET

- 351 Helmet with cage & shin guard
- 352 Batting gloves
- 353 Abdominal Guard
- 354 Thigh Pad
- 355 Batting pad
- 356 Wicket Pads
- 357 Ball Throwing machine
- 358 Elbow Guard
- 359 Maintenance/renovation of ground

- 362 Stump including belts
- 363 Sight Screen
- 364 Score board manual/Electronic
- 365 Wicket keeping gloves including inner gloves
- 366 Fitness training eqpt & Synthetic surface
- 367 Laying/renovation of Cemented pitch
- 368 Laying/renovation of turf pitch
- 369 Chest guard
- 370 Chainlinked fence & floodlights
- 371 Any other sports item/ eqpt/ gear required for training and conduct.

HOCKEY

- 372 Synthetic Hockey Surface
- 373 Goal posts
- 374 Flood lights
- 375 Players & Official stand
- 376 Maintenance eqpt synthetic surface
- 377 Maintenance eqpt normal ground
- 378 Any other sports item/ eqpt/ gear required for training and conduct

FOOTBALL

- 379 Maintenance of football ground
- 380 Goal Posts
- 381 Player and Official stand
- 382 Any other sports item/ eqpt/ gear required for training and conduct.

BASKETBALL

- 383 Fiberglass boards with rings
- 384 Synthetic/cemented surface
- 385 Mudo/Wooden surface
- 386 Electronic Score Machine
- 387 30 second clock
- 388 Any other sports item/ eqpt/ gear required for training and conduct.

VOLLEYBALL

- 389 Synthetic /Wooden Surface Indoor/Outdoor
- 390 Volleyball pole adjustable
- 391 Flood lights
- 392 Referee stand
- 393 Any other sports item/ eqpt/ gear required for training and conduct.

HANDBALL

- 394 Synthetic/Wooden Surface Indoor/Outdoor
- 395 Goal Posts
- 396 Electronic Scoring Machine

398 Any other sports item/ eqpt/ gear required for training and conduct.

LAWN TENNIS

399 Ball Throwing Machine

400 Synthetic Surface Outdoor (9 layers)

401 Chain linked fence

402 Flood lights

403 Tennis poles

404 Referee Stand

405 Electronic / Manual Score Board

406 Any other sports item/ eqpt/ gear required for training and conduct

SQUASH

407 Wooden/Synthetic Court with glass back wall, Flood lights & plastering

408 Dismantleable Glass Court

409 Referee Stand

410 Any other sports item/ eqpt/ gear required for training and conduct.

BEST PHYSIQUE

411 Gym Eqpt (Single/multi Stns)

412 Free Weights of all types

413 Rods of all types

414 Any other sports item/ eqpt/ gear required for training and conduct.

WUSHU

415 Talou Carpets

416 Wushu Mats

417 Flood Lights

418 Any other sports itesm/eqpt/ gear required for training and conduct.

DIVING

419 Trampoline

420 Twister Trainer

421 Diving suits with accessories

422 Life jacket

423 Diving Mask

424 Goggles swimming, racing. Optical sports, mirror coating, one piece etc

425 Nose Clips

426 Earplugs

427 Swim Cap

428 Fins- Diving & Swimming

429 Swim Wear

430 Diving Wear

431 Breathing Equipment

TRIATHLON

- 433 Bicycle
- 434 Helmet
- 435 Handle Bar
- 436 Pedal Clips
- 437 Any other sports item/eqpt/gear required for training and conduct

WRESTLING

- 438 Wrestling mat with cover
- 439 Any other sports item/eqpt/gear required for training and conduct

SPORTS FACILITIES

- 440 Synthetic Athletic track
- 441 Synthetic Hockey Surface
- 442 Synthetic Tennis Court with chain linked fence and floodlights
- 443 Synthetic Surface for Squash Court with glass back door and floodlights
- 444 Indoor Volleyball Hall with Synthetic Wooden Surface and floodlights
- 445 Indoor Handball Hall with Synthetic Surface and floodlights
- 446 Indoor Basketball Hall with Synthetic Wooden Surface and floodlights
- 447 Indoor Boxing Hall with Boxing Ring, Computerised scoring machine and floodlights
- 448 Indoor Wrestling Hall with Synthetic Wrestling Mat & floodlights
- 449 Indoor Weightlifting Hall with Weightlifting Platform & floodlights
- 450 Indoor synthetic practice arena for Cricket and Floodlights
- 451 Indoor Gymnastics Hall with Synthetic Surface & floodlights
- 452 Trap & Skeet Shooting Range
- 453 Bore well, sprinkler sys, pipes, hoses and allied facilities for maintaining all sports fields
- 454 Any other sports item/eqpt/gear/training aid required for training and conduct

SPORTS MEDICINE EQUIPMENT

Exercise Physiology Evaluation and Enhancement

- 455 Cardio Pulmonary Testing Eqpt with Telemetry
- 456 Dynamometer hand grip eval
- 457 Height measuring stand
- 458 Ergo meter cycle
- 459 Dynamometer back/leg
- 460 Intermittent Hypoxic Therapy
- 461 Flexibility tester
- 462 Spiro meter
- 463 Skin fold calliper
- 464 Goniometry Eqpt
- 465 Anthrotometric Kit
- 466 High Capacity Ergometer
- 467 Treadmill
- 468 Heart Rate Monitor with Belt
- 469 EMG 12 Channel
- 470 Oxygen Sensor
- 471 Calibration Gas Mixtures
- 472 Oxygen cell for cardiopulmn eqpt
- 473 Electrodes
- 474 Sports sciences testing eqpt
- 475 Lactate Pro Meter
- 476 Any other item / eqpt required under this head.

Nutritional Evaluation

- 477 Body composition analyser, Body stat with manager, Wellnose software
- 478 Updated version of software for body stat
- 479 Any other eqpt / item required for Nutritional Evaluation

Biomechanics

- 480 Bio Mechanics infrared timer system 6 isokinetic testing eqpt
- 481 High speed camera
- 482 Force platform dynamometer
- 483 Timers (Biomechanics)
- 484 Stopwatches
- 485 Any other eqpt / item required for Biomechanics

Biochemistry and Basic Lab

- 486 Urine Chemistry Analyser
- 487 Elisa Plate reader
- 488 Semi Automatic auto analyser
- 489 Serological water bath
- 490 Conical Flask
- 491 Grand oil 500 ml
- 492 Test tubes
- 493 Microtips
- 494 Microscope
- 495 Counting Chamber
- 496 Haemoglobino meter
- 497 Lab Eqpt and chemicals
- 498 Lactate strips
- 499 Electrolyte Strips
- 500 Strip for urine analyser
- 501 Accessories for lactate analyser
- 502 Any other eqpt / item required for Biochemistry and Basic Lab

Physiotherapy and Rehabilitation

- 503 Laser Therapy
- 504 Paraffin wax bath
- 505 Muscle Stimulator
- 506 Traction unit with standard accessories for cervical and lumbar
- 507 Ultrasound for therapeutic
- 508 TENS
- 509 Interferential current therapy
- 510 Microwave Diathermy
- 511 Upper body cycle exercise and rehabilitation training
- 512 IR L Lamp and wax bath
- 513 Aerobic fitness eqpt with weight trg
- 514 Magneto therapy
- 515 Vibrators
- 516 Contrast Bath
- 517 Electrotherapy low and med frequency current
- 518 Sports sciences rehabilitation and treatment eqpt

Medical Inspection and primary Medical Aid

- 519 Digital BP instrument
- 520 ECG Machine with ECG paper strip
- 521 Radiological view box
- 522 Auriscope
- 523 Emergency lamp
- 524 Tongue Depressor
- 525 Stethoscope
- 526 Pen torch
- 527 Ambu bag for resuscitation
- 528 Steriliser Electric Stainless steel
- 529 Bowl SS
- 530 Scissors
- 531 Dissecting Forceps Plain
- 532 Dissecting Forceps Toothed
- 533 Hot water bottle with cover
- 534 Hindi / English chart for vision training
- 535 Knee Hammer
- 536 Any other item / eqpt reqd for medical inspection and primary medical aid

PSYCHOLOGY

- 537 Reaction timer
- 538 Anticipation timer
- 539 Flicker Fusion
- 540 Photo electric rotary pursuit apparatus (Eye Hand coordination)
- 541 Tachistoscope
- 542 Steadiness tester
- 543 Bio feedback system
- 544 Bio feedback system
- 545 Vision tester
- 546 Two arm co-ordination test
- 547 Depth Perception
- 548 Psychology Software
- 549 Evoked potential response system (Cognitive)
- 550 Any other items / eqpt required under this head.

SPORTS SCIENCES EQPT : ALL SPORTING DISCIPLINES

- 551 **Exercise, Physiology, Evaluation and Enhancement.** Purchase of eqpt, accessories, software required for the physiological data collection / profiling, monitoring, data assimilation and analysis of the sportsmen of all disciplines.
- 552 **Nutritional Evaluation.** Purchase of equipment, accessories and software required for the nutritional profiling, monitoring, analysis and evaluation of the sportsmen.
- 553 **Bio Mechanics.** Purchase of equipment, accessories and software required for the bio-mechanical data collection / profiling, data assimilation and analysis of the sportsmen.

- 554 **Biochemistry and Basic Lab.** Purchase of equipment, accessories and software for biochemical profiling, evaluation, diagnostics and prognostic use for the sports persons including Lab equipment/accessories and chemicals.
- 555 **Physiotherapy and Rehabilitation.** Purchase of equipment, accessories and software for physiotherapy and rehabilitation protocols for the athletes and expenditure related to providing advanced physiotherapeutic treatment and intervention.
- 556 **Medical and Primary Medical Aid.** Expenditure related to medical inspection and medical aid including purchase of equipment, accessories, software and services.
- 557 **Sports Psychology.** Purchase of equipment, accessories and software which are required for the psychological evaluation of sportsmen.
- 558 **Research and Miscellaneous.** Purchase of equipment, accessories and software related to research for improvement in exercise performance, psychology, sports patient management, nutritional management, medical care, ward management and sports patient retention protocols, biochemical and genetic studies, in the field of physiotherapy and rehabilitation, biomechanics, kinesiology, video imaging, gait analysis and other fields associated with enhancement of athletic performance or early recovery and rehabilitation.