

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY SRI CITY CHITTOOR

BOQ AND SPECIFICATION DETAILS FOR PROCURING NEW GYM EQUIPMENTS

S. No.	Name of the Gym Equipment	SPECIFICATION (Description/Details)	Sample Photo if any	UNIT (Minimum)
1	Premium Quality Cable Crossover	Heavy-duty, commercial-grade 10-gauge to 12-gauge tubular steel, multi-layer, corrosion-resistant electrostatic powder coating with a clear varnish for an industrial finish. 330 to 640 kg, ensuring maximum stability and preventing wobbling during intense pull-ups or heavy pulls		1 nos
2	Commercial Motorize Treadmill 5 hp Motor	Heavy-Duty Commercial Motorized Treadmill (Usage Class S), ISO 20957-6 / IS 17801 Compliant, Industrial Grade AC Variable Frequency Motor, 5.0 HP Continuous Duty (S1 Rated) / Minimum 9.0 to 10.0 HP Peak Duty Minimum 160 kg to 180 kg capacity		2 nos
3	Elliptical Cross Trainer	Heavy-Duty Commercial Elliptical Cross Trainer (Usage Class S), EN ISO 20957-1 / EN ISO 20957-9 Structural Safety Compliant, Minimum 160 kg to 180 kg structural capacity		2 nos
4	Sit-up Bench	Heavy-Duty Commercial Sit-Up Bench / Adjustable Slant Board (Usage Class S)		2 nos
5	Adjustable Roman/Hyper extension Bench	Heavy-Duty 45-Degree Hyperextension / Roman Chair (Usage Class S), Minimum 250 kg to 300 kg structural capacity (User weight + auxiliary plate load)		1 nos
6	Pec Deck Machine	Minimum 100 kg (220 lbs) precision-machined solid steel plates with magnetic selector pin, Selectorised Dual-Function Pec Deck / Rear Delt Fly Machine (Usage Class S)		1 nos
7	Leg Press Machine	Heavy-duty commercial-grade carbon or 11-gauge steel, Adjustable safety stoppers, heavy-duty locking sled mechanism		1 nos
8	T-Bar Machine	Heavy-Duty Plate-Loaded Chest-Supported T-Bar Row Machine (Usage Class S), Heavy-duty industrial dual pillow-block bearings or sealed needle roller bearings for fluid, friction-free movement		1 nos
9	Leg Extension Machine	Heavy-duty single-station isolation frame with a minimum structural steel thickness of 2.5 mm to 3.0 mm (Class S)		1 nos
10	Lat Pull Machine	Heavy-duty single-station overhead pulling frame with a minimum		1 nos

		structural steel thickness of 2.5 mm to 3.0 mm (Class S).		
11	Motorize Cycle	Heavy-Duty Motorised/Self-Powered Commercial Exercise Bike (Usage Class S), Computer-controlled, motor-driven electromagnetic resistance , Minimum 150 kg to 180 kg structural load capacity		1 nos
12	Rowing Machine	Professional Commercial Indoor Rower / Ergometer (Usage Class S), Flywheel Air-Resistance (with spiral damper) or Fluid Water-Resistance, High-tensile nickel-plated steel chain or heavy-duty bulletproof Kevlar belt inside a partially enclosed housing		1 nos
13	Shoulder Press Machine	Selectorised Single-Station Overhead Shoulder Press Machine (Usage Class S), High-tensile 4" x 2" or 3" x 3" rectangular or racetrack oval steel tubing, Minimum 2.5 mm to 3.0 mm (11-gauge) structural mild steel (MS)		1 nos
14	Smith Machine & Squat Cage Rack With Pull-Up Bar & Spotter Blocks	Commercial 4-in-1 Smith Machine & Squat Cage Combo Rack requires an ultra-heavy-duty 3" x 3" (75x75 mm) structural steel chassis with a minimum tube wall thickness of 3.0 mm (11-gauge) (Class S)		1 nos
15	Chest press Machine	Commercial Selectorised Chest Press Machine requires a heavy-duty dual-axis converging frame with a minimum structural steel thickness of 2.5 mm to 3.0 mm (Class S)		1 nos
16	Multi-purpose Bench	Commercial Multi-Purpose Bench (FID Bench) requires an ultra-heavy-duty structural steel frame with a minimum tube wall thickness of 3.0 mm (11-gauge) (Class S).		3 nos
17	40 Kg Dumbbells	Heavy-duty, solid steel or cast-iron heads permanently bonded to a medium-knurled steel handle with a protective outer coating of virgin rubber, polyurethane (PU), or urethane (Class S)		1 pair
18	35 kg Dumbbells			1 pair
19	30 Kg Dumbbells			1 pair
20	25 Kg Dumbbells			2 pair
21	20 Kg Dumbbells			2 pair
22	17.5 Kg Dumbbells			2 pair
23	15 Kg Dumbbells			2 pairs
24	12.5 Kg Dumbbells			2 pairs
25	10 Kg Dumbbells			3 pairs
26	7.5 Kg Dumbbells			3 pairs
27	5 Kg Dumbbells			3 pairs
28	2.5 Kg Dumbbells			3 pairs
29	1 kg Dumbbells			3 pairs
30	Dumbbell Rack	heavy-duty, multi-tier industrial steel frame with a minimum tube wall thickness of 3.0 mm (11-gauge) (Class		1 nos

		S)		
31	25 Kg Olympic Plate	Heavy-duty, solid steel or cast-iron discs encased in a protective outer layer of polyurethane (PU), urethane, or vulcanized virgin rubber with a stainless steel center hub (Class S). 50.4 mm to 51 mm inner diameter center hole to seamlessly fit commercial 2-inch Olympic barbells.		1 pair
32	20 Kg Olympic Plate			2 pair
33	15 kg Olympic Plate			2 pair
34	10 kg Olympic Plate			3 pair
35	5 kg Olympic Plate			4 pair
36	2.5 kg Olympic Plate			4 pair
37	Olympic Bar	Professional Heavy-Duty Commercial Olympic Barbell (Usage Class S), Standard 2200 mm (7.2 feet) overall length, 20 kg (44 lbs) un-loaded base weight accuracy within $\pm 1\%$		2 nos
38	15 kg Standard Plate	Regular / Standard Weight Plates (1-Inch Hole Diameter), High-grade close-grained solid cast iron or machined steel core, Heavy-duty baked enamel coating, PVC shell, or vulcanized rubber encasement		1 pair
39	10 kg Standard Plate			2 pair
40	5 kg Standard Plate			4 pairs
41	2.5 kg Standard Plate			5 pairs

Additional Terms and Conditions:

- 1) Items must be as per the specification Class -S grade only
- 2) OEM certificate is mandatory
- 3) Items must be delivered as per the delivery scheduled
- 4) Installation, delivery and unloading should be on the site.
- 5) Performance Bank Guarantee should be submitted.
- 6) Authorized service center must be within 100 KM from the site
- 7) Self certificated copy of the BoQ specification to be uploaded by the bidder along with the technical bid.