SECTION IV
SCHEDULE OF REQUIREMENT

SN	Description of item	Qty
1.	**Air Walker:** Providing, designing and fixing of Air-Walker of size 1122 x 510 x 1489 mm fabricated with main post of 140mm dia and 3.00 mm thick and other pipes of 2.75 mm thick made up of hot rolled tubular steel and pre galvanized and powder coated 80-120 micron thick using Nippon or equivalent All welding joints of pipe shall be robotic welded with joints scalloped as necessary and dressed off removing sharp edges and burrs. Zinc primer paint to be applied at all the welding points prior to finishing. All open ends of pipe to be closed with Steel/LLDPE caps, base plate cover shall be made of virgin LLDPE plastic by rotational molding with minimum 4 mm thickness, UV resistant and black colour. High quality grip rubber should be used on handles. Foothold shall be made of steel with rounded edges to prevent impact and injury and welded to main structure for vandalism proof design and long life. Maintenance free bearings should be used in the equipment manufactured by reputed company duly oil sealed and self-lubricated to be approved by Engineer-in-charge. The equipment shall be fitted with in-built limiters. The equipment shall be fixed on ground with concrete of minimum strength M-25 with J-bolts and when concrete is set, fixing the equipment on to it and cover nuts and bolts with base plate cover, all complete as per directions and approval of Engineer-in-charge regarding material, shape of equipment , colour (of metal, seat and pedal),and fixing of equipment (the cement concrete and excavation work shall be paid separately).	One
2.	**Sit Up Station:** Providing, designing and fixing of double sit-up station of size 1504 x 1129 x 627 mm fabricated with main post of 140mm dia and 3.00 mm thick and rest of the pipes are 2.75 mm thick, all pipes made up of hot rolled tubular steel and pre galvanized and powder coated using Nippon or equivalent of 80-120 micron thick. All joints of pipe are robotic welded with joints scalloped as necessary and dressed off removing sharp edges and burrs. Zinc primer paint to be applied at all the welding points prior. to finishing. Seat shall be made of steel with rounded edges to prevent impact and injury and welded to main structure for vandalism proof design and long life, base plate coverto be made up from virgin LLDPE manufactured by rotational moulding with minimum thickness of plastic as 4 mm, UV resistant and black colour. The equipment shall be fixed on ground with concrete of minimum strength M-25 with J-bolts and when concrete is set, fixing the equipment on to it and cover nuts and bolts with base plate cover, all complete as per directions and approval of Engineer-in-charge regarding material, shape of equipment , colour (of metal, seat and pedal),and fixing of equipment (the cement concrete and excavation work shall be paid separately).	One
3	**Air Swing:** Providing, designing and fixing of Air Swing with in pair of size 1188 x 902 x 1298 mm fabricated with main post of 140mm dia and 3.00 mm thick and rest of the pipes are 2.75 mm thick, all pipes made up of hot rolled tubular steel and pre galvanized and powder coated using Nippon or equivalent of 80-120 micron thick. All joints of pipe are robotic welded with joints scalloped as necessary and dressed off removing sharp edges and burrs. Zinc primer paint to be applied at all the welding points prior to finishing. Pedals shall be made of steel with rounded edges to prevent any impact of injury and welded to main structure for vandalism proof design and long life, base plate cover to be made from virgin LLDPE manufactured by rotational moulding with minimum thickness of plastic of 4 mm, black colour and UV resistant and environmental friendly. Bearing used shall be maintenance free, duly oil sealed and self lubricated made by reputed company to be approved by Engineer-in-charge. Equipment to be fitted with inbuilt limiters to prevent unwanted moments. All open ends of pipe to be closed by Steel/LLDPE caps for user safety. The equipment shall be fixed on ground with concrete of minimum strength M-25 with J-bolts and when concrete is set, fixing the equipment on to it and cover nuts and bolts with base plate cover, all complete as per directions and approval of Engineer-in-charge regarding material, shape of equipment , colour (of metal, seat and pedal),and fixing of equipment (the cement concrete and excavation work shall be paid separately).	One

4	**Horse Rider Station:** Providing, designing and fixing of Horse Rider Station of size 979 x 572 x 1024 mm fabricated with main post of 140mm dia and 3.00 mm thick and rest of the pipes are 2.75 mm thick, all pipes made up of hot rolled tubular steel and pre galvanized and powder coated using Nippon or equivalent of 80-120 micron thick. All joints of pipe are robotic welded with joints scalloped as necessary and dressed off removing sharp edges and burrs. Zinc primer paint to be applied at all the welding points prior to finishing. Pedals shall be made of steel with rounded edges to prevent any impact and injury and welded to main structure for vandalism proof design and long life. Base plate cover to be made from virgin LLDPE manufactured by rotational moulding with minimum thickness of plastic of 4 mm, black colour and UV resistant and environmental friendly. Bearing used shall be maintenance free, duly oil sealed and self lubricated made by reputed company to be approved by Engineer-in-charge. Equipment to be fitted with inbuilt limiters to prevent unwanted moments. All open ends of pipe to be closed by Steel/LLDPE caps for user safety. The equipment shall be fixed on ground with concrete of minimum strength M-25 with J-bolts and when concrete is set, fixing the equipment on to it and cover nuts and bolts with base plate cover, all complete as per directions and approval of Engineer-in-charge regarding material, shape of equipment , colour (of metal, seat and pedal),and fixing of equipment (the cement concrete and excavation work shall be paid separately).	One
5	**Leg Press:** Providing, designing and fixing of Leg Press of size 2030 x 340 x 1535 mm fabricated with main post of 140mm dia and 3.00 mm thick and rest of the pipes 2.75 mm thick, all pipes made up of hot rolled tubular steel and pre galvanized and powder coated using Nippon or equivalent of 80-120 micron thick. All joints of pipe are robotic welded with joints scalloped as necessary and dressed off removing sharp edges and burrs. Zinc primer paint to be applied at all the welding points prior to finishing. Handle bars to be provided with high quality grip rubber on top end. Pedals shall be made of steel with rounded edges to prevent any impact and injury and welded to main structure for vandalism proof design and long life, base plate cover to be made from virgin LLDPE manufactured by rotational moulding with minimum thickness of plastic as 4 mm, black colour and UV resistant and environmental friendly. Bearing used shall be maintenance free, duly oil sealed and self lubricated made by reputed company to be approved by Engineer-in-charge. Equipment to be fitted with inbuilt limiters to prevent unwanted moments. All open ends of pipe to be closed by Steel/LLDPE caps for user safety. The equipment shall be fixed on ground with concrete of minimum strength M-25 with J-bolts and when concrete is set, fixing the equipment on to it and cover nuts and bolts with base plate cover, all complete as per directions and approval of Engineer-in-charge regarding material, shape of equipment , colour (of metal, seat and pedal),and fixing of equipment (the cement concrete and excavation work shall be paid separately).	One
6	**Pull Chair:** Providing, designing and fixing of Pull Chair in a pair of size 2187 x 902 x 1707 mm fabricated with main post of 140mm dia and 3.00 mm thick and rest of the pipes are 2.75 mm thick, all pipes made up of hot rolled tubular steel and pre galvanized and powder coated using Nippon or equivalent of 80-120 micron thick. All joints of pipe are robotic welded with joints scalloped as necessary and dressed off removing sharp edges and burrs. Zinc primer paint to be applied at all the welding points prior to finishing. Handle bars are to be provided with high quality grip rubber on top. Base plate cover to be made from virgin LLDPE manufactured by rotational moulding with minimum thickness of plastic as 4 mm, black colour and UV resistant and environmental friendly. Bearing used shall be maintenance free, duly oil sealed and self lubricated made by reputed company to be approved by Engineer-in-charge. Equipment to be fitted with inbuilt limiters to prevent unwanted moments. All open ends of pipe to be closed by Steel/LLDPE caps for user safety. The equipment shall be fixed on ground with concrete of minimum strength M-25 with J-bolts and when concrete is set, fixing the equipment on to it and cover nuts and bolts with base plate cover, all complete as per directions and approval of Engineer-in-charge regarding material, shape of equipment , colour (of metal, seat and pedal),and fixing of equipment (the cement concrete and excavation work shall be paid separately).	One

7	**Exercising Bar:** Providing, designing and fixing of exercising bar in a pair of size 1800 x 612 x 1390 mm fabricated with main post of 140mm dia and 3.00 mm thick and rest of the pipes are 2.75 mm thick, all pipes made up of hot rolled tubular steel and pre galvanized and powder coated using Nippon or equivalent of 80-120 micron thick. All joints of pipe are robotic welded with joints scalloped as necessary and dressed off removing sharp edges and burrs. Zinc primer paint to be applied at all the welding points prior to finishing. Handle bars are to be provided with high quality grip rubber at top end. Base plate cover to be made from virgin LLDPE manufactured by rotational moulding with minimum thickness of plastic as 4 mm, colourful and UV resistant and environmental friendly. All open ends of pipe to be closed by Steel/LLDPE caps for user safety. The equipment shall be fixed on ground with concrete of minimum strength M-25 with J-bolts and when concrete is set, fixing the equipment on to it and cover nuts and bolts with base plate cover, all complete as per directions and approval of Engineer-in-charge regarding material, shape of equipment , colour (of metal, seat and pedal),and fixing of equipment (the cement concrete and excavation work shall be paid separately).	One
8	**Seated Chest Press:** Providing, designing and fixing of seated chest press in a pair of size 1726 x 692 x 1707 mm fabricated with main post of 140mm dia and 3.00 mm thick and rest of the pipes are 2.75 mm thick, all pipes made up of hot rolled tubular steel and pre galvanized and powder coated using Nippon or equivalent of 80-120 micron thick. All joints of pipe are robotic welded with joints scalloped as necessary and dressed off removing sharp edges and burrs. Zinc primer paint to be applied at all the welding points prior to finishing. Handle bars are to be provided with high quality grip rubber. Seats shall be made of steel with rounded edges to prevent any impact and injury and welded to main frame for vandalism proof design and long life, base plate cover to be made from virgin LLDPE manufactured by rotational moulding with minimum thickness of plastic as 4 mm, colourful and UV resistant and environmental friendly. Bearing used shall be maintenance free, duly oil sealed and self lubricated made by reputed company to be approved by Engineer-in-charge. Equipment to be fitted with inbuilt limiters to prevent unwanted moments. All open ends of pipe to be closed by Steel/LLDPE caps for user safety. The equipment shall be fixed on ground with concrete of minimum strength M-25 with J-bolts and when concrete is set, fixing the equipment on to it and cover nuts and bolts with base plate cover, all complete as per directions and approval of Engineer-in-charge regarding material, shape of equipment , colour (of metal, seat and pedal),and fixing of equipment (the cement concrete and excavation work shall be paid separately).	One
9	**Arm Wheel:** Providing, designing and fixing of arm wheel in a pair of size 863 x 874 x 1870 mm fabricated with main post of 140mm dia and 3.00 mm thick and rest of the pipes are 2.75 mm thick, all pipes made up of hot rolled tubular steel and pre galvanized and powder coated using Nippon or equivalent of 80-120 micron thick. All joints of pipe are robotic welded with joints scalloped as necessary and dressed off removing sharp edges and burrs. Zinc primer paint to be applied at all the welding points prior to finishing. Handle bars are to be provided with high quality grip rubber. Base plate cover to be made from virgin LLDPE manufactured by rotational moulding with minimum thickness of plastic as 4 mm, colourful and UV resistant and environmental friendly. Bearing used shall be maintenance free, duly oil sealed and self lubricated made by reputed company to be approved by Engineer-in-charge. Equipment to be fitted with inbuilt limiters to prevent unwanted moments. All open ends of pipe to be closed by Steel/LLDPE caps for user safety. The equipment shall be fixed on ground with concrete of minimum strength M-25 with J-bolts and when concrete is set, fixing the equipment on to it and cover nuts and bolts with base plate cover, all complete as per directions and approval of Engineer-in-charge regarding material, shape of equipment , colour (of metal, seat and pedal),and fixing of equipment (the cement concrete and excavation work shall be paid separately).	One

10	**Elliptical Exerciser:** Providing, designing and fixing of Elliptical exerciser of size 1214 x 556 x 1472 mm fabricated with main post of 140mm dia and 2.5 mm thick and rest of the pipes 2.75 mm thick, all pipes made up of hot rolled tubular steel and pre galvanized and powder coated using Nippon or equivalent of 80-120 micron thick. All joints of pipe are robotic welded with joints scalloped as necessary and dressed off removing sharp edges and burrs. Zinc primer paint to be applied at all the welding points prior to finishing. Handle bars are to be provided with high quality grip rubber. Pedals shall be made of steel with rounded edges to prevent any impact or injury and welded to frame for vandalism proof design and long life, base plate cover to be made from virgin LLDPE manufactured by rotational moulding with minimum thickness of plastic as 4 mm, black colour and UV resistant and environmental friendly. Bearing used shall be maintenance free, duly oil sealed and self lubricated made by reputed company to be approved by Engineer-in-charge. Equipment to be fitted with inbuilt limiters to prevent unwanted movements. All open ends of pipe to be closed by Steel/LLDPE caps for user safety. The equipment shall be fixed on ground with concrete of minimum strength M-25 with J-bolts and when concrete is set, fixing the equipment on to it and cover nuts and bolts with base plate cover, all complete as per directions and approval of Engineer-in-charge regarding material, shape of equipment , colour (of metal, seat and pedal),and fixing of equipment (the cement concrete and excavation work shall be paid separately).	One
11	**Double Cross Walker:** Providing, designing and fixing of double cross walker of size 1552 x 515 x 1371 mm fabricated with main post of 140mm dia and 3.00 mm thick and rest of the pipes are 2.75 mm thick, all pipes made up of hot rolled tubular steel and pre galvanized and powder coated using Nippon or equivalent of 80-120 micron thick. All joints of pipe are robotic welded with joints scalloped as necessary and dressed off removing sharp edges and burrs. Zinc primer paint to be applied at all the welding points prior to finishing. Pedals shall be made up of steel with rounded edges to prevent any impact or injury and welded to structure for vandalism proof design and long life, base plate cover to be made from virgin LLDPE manufactured by rotational moulding with minimum thickness of plastic as 4 mm, colourful and UV resistant and environmental friendly. Bearing used shall be maintenance free, duly oil sealed and self lubricated made by reputed company to be approved by Engineer-in-charge. Equipment to be fitted with inbuilt limiters to prevent unwanted moments. All open ends of pipe to be closed by Steel/LLDPE caps for user safety. The equipment shall be fixed on ground with concrete of minimum strength M-25 with J-bolts and when concrete is set, fixing the equipment on to it and cover nuts and bolts with base plate cover, all complete as per directions and approval of Engineer-in-charge regarding material, shape of equipment , colour (of metal, seat and pedal),and fixing of equipment (the cement concrete and excavation work shall be paid separately).	One
12	**Twister:** Providing, designing and fixing of twister of size 1708 x 1292 mm fabricated with main post of 140mm dia and 3.00 mm thick and rest of the pipes are 2.75 mm thick, all pipes made up of hot rolled tubular steel and pre galvanized and powder coated using Nippon or equivalent of 80-120 micron thick. All joints of pipe are robotic welded with joints scalloped as necessary and dressed off removing sharp edges and burrs. Zinc primer paint to be applied at all the welding points prior to finishing. Handle bars are to be provided with high quality grip rubber. Foot-hold shall be made of steel with rounded edges to prevent any impact or injury and base plate cover welded to frame for vandalism proof design and long life, base plate cover to be made from virgin LLDPE manufactured by rotational moulding with minimum thickness of plastic as 4 mm, black colour and UV resistant and environmental friendly. Bearing used shall be maintenance free, duly oil sealed and self lubricated made by reputed company to be approved by Engineer-in-charge. Equipment to be fitted with inbuilt limiters to prevent unwanted moments. All open ends of pipe to be closed by Steel/LLDPE caps for user safety. The equipment shall be fixed on ground with concrete of minimum strength M-25 with J-bolts and when concrete is set, fixing the equipment on to it and cover nuts and bolts with base plate cover, all complete as per directions and approval of Engineer-in-charge regarding material, shape of equipment , colour (of metal, seat and pedal),and fixing of equipment (the cement concrete and excavation work shall be paid separately).	One

13	**Rowing Machine:** Providing, designing and fixing rowing machine of size 1400 x 1007 x 834 mm fabricated with main post of 140mm dia and 3.00 mm thick and rest of the pipes are 2.75 mm thick, all pipes made up of hot rolled tubular steel and pre galvanized and powder coated using Nippon or equivalent of 80-120 micron thick. All joints of pipe are robotic welded with joints scalloped as necessary and dressed off removing sharp edges and burrs. Zinc primer paint to be applied at all the welding points prior to finishing. Handle bars are to be provided with high quality grip rubber. Foot hold and seats shall be made of steel with rounded edges to prevent any impact or injury and welded through frame, base plate cover to be made from virgin LLDPE manufactured by rotational moulding with minimum thickness of plastic as 4 mm, black colour and UV resistant and environmental friendly. Bearing used shall be maintenance free, duly oil sealed and self lubricated made by reputed company to be approved by Engineer-in-charge. Equipment to be fitted with inbuilt limiters to prevent unwanted moments. All open ends of pipe to be closed by Steel/LLDPE caps for user safety. The equipment shall be fixed on ground with concrete of minimum strength M-25 with J-bolts and when concrete is set, fixing the equipment on to it and cover nuts and bolts with base plate cover, all complete as per directions and approval of Engineer-in-charge regarding material, shape of equipment , colour (of metal, seat and pedal),and fixing of equipment (the cement concrete and excavation work shall be paid separately).	One
14	**Tai Chi Wheel:** Providing, designing and fixing of Tai Chi wheel in a pair of size 1258 x 1209 x 1342 mm fabricated with main post of 140mm dia and 3.00 mm thick and rest of the pipes are 2.75 mm thick, all pipes made up of hot rolled tubular steel and pre galvanized and powder coated using Nippon or equivalent of 80-120 micron thick. All joints of pipe are robotic welded with joints scalloped as necessary and dressed off removing sharp edges and burrs. Zinc primer paint to be applied at all the welding points prior to finishing. Handle bars are to be provided with high quality grip rubber. Base plate cover to be made from virgin LLDPE manufactured by rotational moulding with minimum thickness of plastic as 4 mm, colourful and UV resistant and environmental friendly. Bearing used shall be maintenance free, duly oil sealed and self-lubricated made by reputed company to be approved by Engineer-in-charge. Equipment to be fitted with inbuilt limiters to prevent unwanted moments. All open ends of pipe to be closed by Steel/LLDPE caps for user safety. The equipment shall be fixed on ground with concrete of minimum strength M-25 with J-bolts and when concrete is set, fixing the equipment on to it and cover nuts and bolts with base plate cover, all complete as per directions and approval of Engineer-in-charge regarding material, shape of equipment , colour (of metal, seat and pedal),and fixing of equipment (the cement concrete and excavation work shall be paid separately).	One
15	**Hanging Wheel:** Providing, designing and fixing of hanging wheel pair of size 2179 x 498 x 2060 mm fabricated with main post of 140mm dia and 3.00 mm thick and rest of the pipes are 2.75 mm thick, all pipes made up of hot rolled tubular steel and pre galvanized and powder coated using Nippon or equivalent of 80-120 micron thick. All joints of pipe are robotic welded with joints scalloped as necessary and dressed off removing sharp edges and burrs. Zinc primer paint to be applied at all the welding points prior to finishing. Handle bars are to be provided with high quality grip rubber. Base plate cover to be made from virgin LLDPE manufactured by rotational moulding with minimum thickness of plastic as 4 mm, colourful and UV resistant and environmental friendly. Bearing used shall be maintenance free, duly oil sealed and self-lubricated made by reputed company to be approved by Engineer-in-charge. Equipment to be fitted with inbuilt limiters to prevent unwanted movements. All open ends of pipe to be closed by Steel/LLDPE caps for user safety. The equipment shall be fixed on ground with concrete of minimum strength M-25 with J-bolts and when concrete is set, fixing the equipment on to it and cover nuts and bolts with base plate cover, all complete as per directions and approval of Engineer-in-charge regarding material, shape of equipment , colour (of metal, seat and pedal),and fixing of equipment (the cement concrete and excavation work shall be paid separately).	One

16	**Single Pole Setup Cycle:** Providing, designing and fixing of single pole setup cycle of size 1100 x510 x 1330 mm fabricated with main post of 140mm dia and 3.00 mm thick and rest of the pipes are 2.75 mm thick, all pipes made up of hot rolled tubular steel and pre galvanized and powder coated using Nippon or equivalent of 80-120 micron thick. All joints of pipe are robotic welded with joints scalloped as necessary and dressed off removing sharp edges and burrs. Zinc primer paint to be applied at all welding points prior to finishing. Handle bars to be provided with high quality grip rubber on top end. Seats and pedals shall be made of steel with rounded edges to prevent any impact or injury and welded to main structure for vandalism proof design and long life, base plate cover to be made from virgin LLDPE manufactured by rotational moulding with minimum thickness of plastic as 4 mm, black colour and UV resistant and environmental friendly. Bearing used shall be maintenance free, duly oil sealed and self lubricated made by reputed company to be approved by Engineer-in-charge. Equipment to be fitted with inbuilt limiters to prevent unwanted moments. All open ends of pipe to be closed by Steel/LLDPE caps for user safety. The equipment shall be fixed on ground with concrete of minimum strength M-25 with J-bolts and when concrete is set, fixing the equipment on to it and cover nuts and bolts with base plate cover, all complete as per directions and approval of Engineer-in-charge regarding material, shape of equipment , colour (of metal, seat and pedal),and fixing of equipment (the cement concrete and excavation work shall be paid separately).	One
17	**Spine Stretch:** Providing, designing and fixing of spine stretch of size 492 x564 x 1845 mm fabricated with main post of 140mm dia and 3.00 mm thick and rest of the pipes are 2.75 mm thick, all pipes made up of hot rolled tubular steel and pre galvanized and powder coated using Nippon or equivalent of 80-120 micron thick. All joints of pipe are robotic welded with joints scalloped as necessary and dressed off removing sharp edges and burrs. Zinc primer paint to be applied at all the welding points prior to finishing. Back rest shall be made of steel with rounded edges to prevent any impact or injury and welded to main structure for vandalism proof design and long life, base plate cover to be made from virgin LLDPE manufactured by rotational moulding with minimum thickness of plastic as 4 mm, UV resistant and black colour. The equipment shall be fixed on ground with concrete of minimum strength M-25 with J-bolts and when concrete is set, fixing the equipment on to it and cover nuts and bolts with base plate cover, all complete as per directions and approval of Engineer-in-charge regarding material, shape of equipment , colour (of metal, seat and pedal),and fixing of equipment (the cement concrete and excavation work shall be paid separately).	One
18	**Leg Stretch:** Providing, designing and fixing of leg stretch of size 894 x853 x 1203 mm fabricated with main post of 140mm dia and 3.00 mm thick and rest of the pipes are 2.75 mm thick, all pipes made up of hot rolled tubular steel and pre galvanized and powder coated using Nippon or equivalent of 80-120 micron thick. All joints of pipe are robotic welded with joints scalloped as necessary and dressed off removing sharp edges and burrs. Zinc primer paint to be applied at all the welding points prior to finishing. Seat shall be made of steel with rounded edges to prevent any impact or injury and welded to frame for vandalism proof design and long life, base plate cover to be made from virgin LLDPE manufactured by rotational moulding with minimum thickness of plastic as 4 mm, UV resistant and black colour. The equipment shall be fixed on ground with concrete of minimum strength M-25 with J-bolts and when concrete is set, fixing the equipment on to it and cover nuts and bolts with base plate cover, all complete as per directions and approval of Engineer-in-charge regarding material, shape of equipment , colour (of metal, seat and pedal),and fixing of equipment (the cement concrete and excavation work shall be paid separately).	One
19	Excavating holes more than 0.10 cum and upto 0.5 cum including getting out the excavated soil, then returning the soil as required in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc, disposing of surplus excavated soil, as directed within a lead of 50 mm and lift upto 1.5 m.a. Al kind os soil.	
20	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering-all work up to plinth level: (a) 1:1.5: 3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate 20mm nominal size). (b) (b) 1:5:10 (1 cement: 5 coarse sand: 10 graded stone aggregate 40mm nominal size).	