

# NEW TOWN KOLKATA DEVELOPMENT AUTHORITY

(A Statutory Authority Under Government of West Bengal)  
3, Major Arterial Road, New Town, Kolkata - 700 156

Memo No : 1756 /EE-II/NKDA/2018-19

Date: 09.04.2018

## **CORRIGENDUM -III**

**E.O.I. NO-02/EE-II/NKDA of 2017-18**

In reference to the E.O.I. no. 02/EE-II/NKDA of 2017-18, the following changes will be incorporated in the said E.O.I.

The previous schedule attached with the said E.O.I. stand cancelled. A new schedule is being incorporated with the same.

All other remaining the same.

**Executive Engineer-II**  
**New Town Kolkata Development Authority.**

Memo No.1756 /(8) /EE-II/NKDA/2018-19

Dated: 09.04.2018

Copy forwarded for information to:-

1. The Chief Executive Officer, New Town Kolkata Development Authority.
2. The Chief Engineer, New Town Kolkata Development Authority
3. Administrative Officer, New Town Kolkata Development Authority
4. The Finance Officer, New Town Kolkata Development Authority
5. Executive Engineer-I & III, New Town Kolkata Development Authority
6. The Estimator/ Sr. Accountant / Cashier, New Town Kolkata Development Authority.
7. Office Notice Board.
8. Official Website of New Town Kolkata Development Authority ([www.nkdamar.org](http://www.nkdamar.org))

**Executive Engineer-II**  
**New Town Kolkata Development Authority**

## The schedule of items are as follows:-

1. Sit Up Bench (single)
2. Air Walker (single)
3. Arm Wheel
4. Chest Press (Two Seated)
5. Leg Press (two Seated)
6. Twister (Double)
7. Cross Trainer

### Specifications of the items:

#### 1. Sit Up Bench (single):-

The equipment should be fabricated with base frame of 50 mm(G.I.) Main Frame of 32 mm(G.I.) Leg Support of 65 mm(G.I.) of Tata Made heavy quality pipes. Fixed on its top is back support made of purported MS sheet of 3 mm thickness. All pipes are powder coated painted of 80-100 micron thickness of approved shed & quality. over zinc primer. All joints of pipe are robotic welded with joints scalloped as necessary and dressed off removing sharp edges and burns. & also antirust painted over welding joint. The equipment to be fixed on ground with concrete of minimum strength M-20( curing the concrete as per specified period) and expansion bolts. Once the concrete is set, the equipment is fixed on it. high tensile steel with galvanized nuts & bolts are used for fittings/ assembly. Equipment made to EN16630 International standard for outdoor fitness equipment. Self-explanatory stainless steel level fixed on equipment for ease of use.

#### 2. Air Walker (single)

The equipment should be fabricated with base frame of 80 mm(G.I.) 'U' shaped main frame of 65 mm(G.I.).

All other pipes of 32 mm(G.I.) of Tata made heavy quality . All pipes are powder coated using painted of of 80-100 micron thickness approved shed & quality over zinc primer. All joints of pipe are robotic welded with joints scalloped as necessary and dressed off removing sharp edges and burns. Zinc primer paint is applied at all welding points prior to finishing. Base plate cover made of virgin LLDPE plastic by rotational molding with minimum 4.00 mm thickness, UV resistant and colored. Foothold made of nylon alloy with rounded edges to prevent impact and injury. Maintenance free bearings of SKF of equivalent make duly oil sealed and self-lubricated are used in the equipment manufactured. The equipment are fitted with inbuilt limiters to prevent unwanted movements. The equipment is fixed on ground with concrete of minimum strength M-20 curing the concrete as per specified period and J shaped galvanized welded high tensile steel nuts & bolts of 18 mm thickness. Once the concrete is set, the equipment is fixed with base plate cover.

EN16630 International standard for outdoor fitness equipment..Self-explanatory stainless steel level fixed on equipment for ease of use.

### **3.Arm Wheel :-**

The equipment should be fabricated with a base frame of 100 mm(G.I.). The main frame of 32 mm(G.I.) Tata Made heavy quality pipes. All pipes are powder coated using a painted layer of 80-120 micron thickness approved shed & quality over zinc primer. All joints of pipe are robotic welded with joints scalloped as necessary and dressed off removing sharp edges and burns & Zinc primer paint prior to finishing. Base plate cover made of virgin LLDPE plastic by rotational molding with minimum 4.00 mm thickness, UV resistant and colored, and environmental friendly.

Maintenance free bearings of SKF or equivalent make duly oil sealed and self-lubricated are used in the equipment. The equipment is fixed on ground with concrete of minimum strength M-20 curing the concrete as per specified period and J-shaped welded of 18 mm thickness high tensile steel with galvanized nut bolts necessary fixed. After concrete is set, the equipment is fixed on to it and nuts and bolts are covered with base plate cover. are used for assembly. Equipment made to EN16630 International Standard for outdoor fitness equipment. Self explanatory stainless steel label fixed on equipment for case of use.

### **4.Chest Press (Two Seated):-**

The equipment should be fabricated with a base frame of 50 mm(G.I.). main Frame of 50 mm mm(G.I)

handle frame of 32 mm(G.I) of Tata Made heavy quality pipes. All joints of pipe are robotic welded & joints scalloped as necessary and dressed off removing sharp edges and burns with powder coated using Painted or equivalent paint of 80-120 micron thickness approved shed & quality over zinc primer..

Handle bars are provided with high and quality rubber grips. Base plate cover made of virgin LLDPE plastic by rotational molding with minimum 4.00 mm thickness, UV resistant and colored.

Seat to be made up from virgin LLDPE manufactured by rotational molding with 4.00 mm thickness, colored, UV resistant and environmental friendly.

Maintenance free bearings of SKF or equivalent make duly oil sealed and self-lubricated are used in the equipment manufactured. The equipment are fitted with in built limiters to prevent unwanted movements. The equipment is fixed on ground in concrete of minimum strength M-20 (curing the concrete as per specified period) and J-shaped high tensile steel with galvanized welded nut bolts of 18 mm thickness are used for assembly. Once the concrete is set, the equipment is fixed on to it and nuts and bolts are covered with base plate cover. Equipment made to EN16630 International Standard for outdoor fitness equipment.

Self explanatory stainless steel label fixed on equipment for case of use.

### **5. Leg Press (two Seated):-**

The equipment should be fabricated with base frame of 100 mm mm(G.I.) ,main Frame of 50 mm mm(G.I.) of Tata Made heavy quality & joint with robotic welded with scalloped as necessary and dressed off removing sharp edges and burns painted & zinc primer over welded. All pipes are powder coated painted of 80-120 micron thickness with approved quality & shed over zinc primer. Base plate cover made of virgin LLDPE plastic by rotational molding with minimum 4.00 mm thickness, UV resistant and colored. Foothold made of 50 mm(G.I.) of Tata Made heavy quality. Seat to be made up from virgin LLDPE manufactured by rotational molding with 4.00 mm thickness, colored, UV resistant and environmental friendly. Maintenance free bearings of SKF or equivalent make duly oil sealed and self-lubricated re used in the equipment manufactured.

The equipment are fitted with inbuilt limiters to prevent unwanted movements. The equipment is fixed on ground with concrete of minimum strength M-20 (curing the concrete as per specified period) and J shaped high tensile steel with galvanized welded nut & bolts of 18 mm thickness are to be used for fittings /assembly. Equipment made to EN16630 International Standard for outdoor fitness equipment.

Once the concrete is set, the equipment is fixed on to it and nuts and bolts are covered with base plate cover. Self explanatory stainless steel label fixed on equipment for case of use.

### **6.Twister (Double):-**

The equipment should be fabricated with base frame of 100 mm mm(G.I.) main frame of 32 & handle frame support 32 mm(G.I.) of Tata Made heavy quality. All joints of pipe are robotic welded with joints scalloped as necessary and dressed off removing sharp edges and burns. Zinc primer paint is applied at all welding points prior to finishing. All pipes are powder coated using painted of 80-120 micron thickness of approved brand & shed.. Maintenance free bearings of SKF or equivalent make duly oil sealed and self-lubricated re used in the equipment manufactured.

The equipment are fitted with inbuilt limiters to prevent unwanted movements. The equipment is fixed on ground with concrete of minimum strength M-20 and J-shaped welded high tensile steel with galvanized nut bolts of 18 mm thickness are to be used for fittings /assembly.

Once the concrete is set, the equipment is fixed on to it and nuts and bolts are covered with base plate cover. Equipment made to EN16630 International Standard for outdoor fitness equipment.


### **7.Cross Trainer :-**

The equipment Fabricated with base frame of 100 mm mm(G.I.) ,main Frame of 65 mm & handle frame 32 mm(G.I.) with high quality rubber grip of Tata Made heavy quality joints of pipe are robotic welded with joints scalloped as necessary and dressed off removing sharp edges and burns. Zinc primer paint is applied at all welding points prior to finishing..

All pipes are powder coated using Paint or equivalent painted of 80-120 micron thickness of approved brand & shed. All Base plate cover made of virgin LLDPE plastic by rotational molding with 4.00 mm thickness,UV resistance & colored. Maintenance free bearings of SKF or equivalent make duly oil sealed and self-lubricated are used in the

equipment manufactured. The equipment are fitted with inbuilt limiters to prevent unwanted movements. The equipment is fixed on ground with concrete of minimum strength M-20 curing the concrete as per specified period and J-shaped welded high tensile steel with galvanized nut bolts of 18 mm thickness are to be used for fittings/assembly.

Once the concrete is set, the equipment is fixed on to it and nuts and bolts are covered with base plate cover. Equipment made to EN16630 International Standard for outdoor fitness equipment.



09/04/2018

**Executive Engineer-II**

**New Town Kolkata Development Authority**

**General Specification of Outdoor Gym Equipment**

Subject	Standard for Outdoor Fitness Equipment
User Weight	The fitness equipment should be designed for 120kg user weight.
Quality/ Design Standard	All Outdoor Gym Equipment must confirm DIN 79000 and EN 16630, The Certificate issue date must be minimum one year old.
TUV/CE Certificate etc	All the equipment shall be third party Quality certified as per the specified standard / manufacturing Point
NABL/QCI	All the equipment shall be third party Quality certified after installation
Safety and Quality standard	The Outdoor Fitness Equipment should be confirming to the required standard for safety and quality as per DIN79000 / EN 16630
Nuts &Bolts	Stainless steel 316 & lock-nut etc.
Material	Galvanized Steel Pipe. Cleaned by sand-blasting. Then coated with phosphate solution and finished with electro-static powder coating or other similar available material meeting the required standard
Anti-Rust	Shot blast/grit blasting of equipment to clean the rust. Electrostatic powder coating technique To process the pipe surface.
Column	The Pre Galvanized steel pipe, column footing plate screw with a pull-burst. The surface rust, acid degreasing, cleaning, Phosphate rust after a special process. Throwing sand, Imported plastic Powder with a double surface household-level spraying layer, electrostatic spray, high-temperature plastic 200 degree baking powder. Smooth surface, UV resistant or as specified by the manufacture's specification
Seat and plastics	LLDPE /metal with any protection / of anti-ultraviolet. Anti-static de-colorization element passing. Strength, smooth surface, security assurances, weather resistance etc.
UV	Fully resistant
Platforms	High Strength punching plate, with a special process dealing with wavy surface microscopy, safe and beautiful non-slip resistance
Fasteners	Stainless Steel screws to be used. and at the contact point with the columns- rubber pads to be used, screw to cover with a plastic cap, to enhance its security.

  
 09/04/18

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 New Town Kolkata Dev. Authority