



मिरा भाईदर महानगरपालिका

स्व इंदिरा गांधी भवन, मुख्य कार्यालय, छत्रपती शिवाजी महाराज मार्ग, भाईदर (प.), ता.जि.
ठाणे, 401 101. दुरध्वनी क्र. 28192828/28193087.



जा.क्र.मनपा/उद्यान/ 359 /२०२६-२७

दि. ०६ / ०६ / २०२६

प्रती,
सिस्टम मॅनेजर
मिरा भाईदर महानगरपालिका

विषय :- संकेत स्थळावर जाहिर नोटीस सुचना प्रसिध्द करणेबाबत.

उपरोक्त विषयान्वये मिरा भाईदर महानगरपालिका क्षेत्रातील उद्यानांमध्ये दिव्यांग करिता उपयुक्त साधन सामुग्री,सेवा सुविधा उपलब्ध करून देणेकामी अंदाजपत्रक तयार करावयाचे असल्याने परंतु दिव्यांग करिता उपयुक्त साधन सामुग्री,सेवा सुविधाचे दर चालु जिल्हा दरसुचीमध्ये नसल्याने खुल्या बाजारातुन स्पर्धात्मक दर मागविणे आवश्यक आहे.

सदरकामी सोबत जोडण्यात आलेली दरसुची महानगरपालिकेच्या अधिकृत संकेत स्थळावर प्रसिध्द / Upload करण्यात यावी.

(कविता बोरकर)

उप आयुक्त (उद्यान)

मिरा भाईदर महानगरपालिका



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स्व इंदिरा गांधी भवन, मुख्य कार्यालय, छत्रपती शिवाजी महाराज मार्ग, भाईदर (प.), ता.जि.
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जा.क्र.मनपा/उद्यान/349 /२०२६-२७

दि. ०९/०९/२०२६

// जाहिर नोटीस //

मिरा भाईदर महानगरपालिका क्षेत्रातील उद्यानांमध्ये दिव्यांग करिता उपयुक्त साधन सामुग्री,सेवा सुविधा उपलब्ध करून देणेकामी चालु जिल्हा दरसुचीमध्ये दर उपलब्ध नसल्यामुळे खुल्या बाजारातुन दरपत्रक मागविण्यात येत आहे.

सदर कामाची दरसुची महानगरपालिकेच्या संकेत स्थळावरून Download करुन दि.१६/०९/२०२६ रोजी सायं. ४:०० वाजेपर्यंत मिरा भाईदर महानगरपालिका, उद्यान विभाग, २ रा मजला, प्रभाग समिती क्र. ०४, कै. विलासराव देशमुख भवन,जांगिड इन्क्लेक्, कनकिया, मिरारोड (पुर्व) येथे स्वारस्य असलेल्या कंत्राटदाराने सोबत जोडलेल्या दरपत्रकातील बाबीकरीता दर भरून बंद लिफाफ्यामध्ये देण्यात यावेत.


(कविता बोरकर)

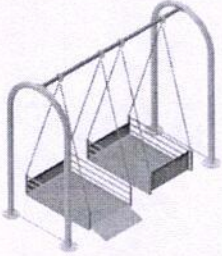
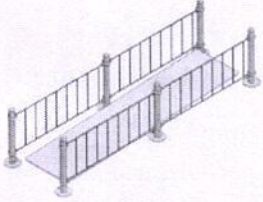
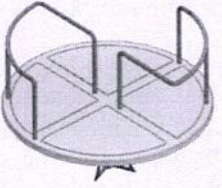
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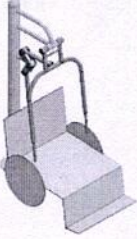
मिरा भाईदर महानगरपालिका

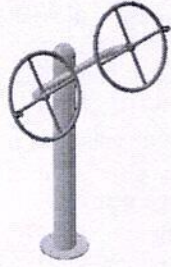
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मिरा भाईंदर महानगरपालिका क्षेत्रातील उद्यानांमध्ये दिव्यांग करिता उपयुक्त साधन सामुग्री,सेवा सुविधा उपलब्ध करून देणेकामी

Sr. No	Description of Items	Rate
1.	<p>Inclusive MAPS</p>  <p>Ground Space: 7.0 mtr x 5.7 mtr Safe Play Area: 9.0 mtr x 7.7 mtr Hex deck with 1.0 Mtr with canopy: The platform is made up of FRP/ROTO with anti-skid surface. The platform will be powder coated. The platform should be of regular hexagonal shape. The top canopy is made of FRP/ROTO with a minimum thickness of 4-5 mm. The canopy is assembled from six modules and at the top of it a dome is fixed. Square Deck – 0.5 MTR : The platform shall be made up of Fiber Reinforced Plastic (FRP) 6 to 8 mm thickness with anti skid surface. The platform 4 Nos. support with 80 mm GI pipe. Top railing made up of 20mm G.I. pipes, Braising Square frame shall be made from 40 x 40 x 5 mm thickness MS angle. Square Roof : Square Canopy shall be made of single mould Fiber Reinforced Plastic (FRP) with thickness of 2-3 mm. Size of Canopy 1500mm x 1500mm Height 800mm. FRP Deluxe Plain Slide - 1.0 MTR. The Deluxe Plain slide shall be made of Fiber Reinforced Plastic (FRP) of 4-5 mm thickness both side gel coat finished. The Slide shape should be made of proper degree for safety sliding End support shall be made from 25 mm MM GI pipe. FRP Step Ladder - 1.0 MTR The attractive Ladder chute shall be made from Fiber Reinforced Plastic (FRP) of 7 to 8mm Thickness. The chute has Non Skid gel coat finished. The hand railing made of 30mm & 25mm GI Pipes. ROTO railing: Railing is provided for all the decks for safety purpose. It is made up low-density polyethylene plastic in rotational mould process and has a support of 20 NB powder coated GI pipes. The railing is attached to the support pipe using a nylon clamp FRP/ROTO Cross N Zero Railing:-This item provides brain washing experience to the children and enhances their tactical strength by providing them a intelligent game. The prisms for the "X" and "O" and also the frame of this item are made up of LLDPE (Low-Density Polyethylene Plastic) in rotational molding process. The prisms are fixed on powder coated GI pipe frame of 20 NB and 15 NB pipes Bubble Panel Railing:- In this type of railing the bubble is made up of acrylic and</p>	Rs. /-

	<p>the frame is made up of LLDPE (Low-Density Polyethylene Plastic). It provides an outer view of the area to the person present on that MAPS deck. It has been supported with a 20 NB powder coated GI pipes. The railing is attached to the support pipe using an Injection Molded Nylon Clamps.</p> <p>Nut and Bolts: Galvanized/ S.S./Allen Bolt/Button Head Allen Bolt & Nuts / Nylon Lock Nuts are used with PVC Bolt Caps. All open ends of pipe been closed by GI /PVC caps for user safety against entrapment.</p> <p>Powder Coating: The Equipment shall first be powder Coating of at least 30-50 microns thickness using Akzonobel /Berger /Prime make or equivalent.</p>	
<p>2.</p>	<p>Inclusive Swing</p>  <p>Ground Space: 3.1 Mtr x 1.08 Mtr Safe Play Area: 4.3 Mtr x 5.0 Mtr Structure : The main pipe is of 80 NB B Class GI pipe & Top bar is of 80 NB B Class GI Pipe. Clamps, Chain & Seat : The swing is fixed on 8mm thick GI chain. The swing is made of Angle frame 40x5 with Aluminium Checkered Plate 3-4 mm thickness. All Nut Bolts S.S/G. I material. Powder Coating: The Equipment shall first be powder Coating of at least 30-50 microns thickness using Akzonobel /Berger /Prime make or equivalent.</p>	<p>Rs. /-</p>
<p>3.</p>	<p>Inclusive See Saw</p>  <p>Ground Space: 3.3 Mtr x 1.00 Mtr Safe Play Area: 4.3 Mtr x 5.0 Mtr Structure : The horizontal support of the see-saw shall is made of 80 NB B Class GI pipe and Side railing is made of 40 NB, 24 NB & 20 NB B Class GI pipe Caps, Nut Bolts, Ramp, Bearing & Pin : Ramp of See-Saw is made of FRP with the wall thickness of 3- 5mm. Bearing 6006ZZ used Housing 70 x 50 mm Seamless Pipe. Centre Pin is 32 mm of SAE8620 material. All Nut Bolts S.S/G. I material. Closing Caps are made up of LLDPE / HDPE /M.S. Nylon cap to protect from rain and dust. Powder Coating: The Equipment shall first be powder Coating of at least 30-50 microns thickness using Akzonobel /Berger /Prime make or equivalent.</p>	<p>Rs. /-</p>
<p>4.</p>	<p>Inclusive MGR</p>  <p>Ground Space :- 1.8 mtr Dia</p>	<p>Rs. /-</p>

	<p>Safe Play Area: 3.8 Mtr Dia Structure : The platform of this merry-go-round consists of Non-Skid type FRP Top of 8 mm Thickness. It is provided with handrails of 20 NB B Class GI pipes. Shaft & Bearings: Centre Support 70 mm bright Rod. Main housing Seamless Pipe. Main Bearing Thrust 51312 Bearing & Centre Guide Bearing 6310. The Bearing used in this item is of dual heavy-duty bearing lubricated with water sealant 51312 & 6310. Powder Coating: The Equipment shall first be powder Coating of at least 30-50 microns thickness using Akzonobel/Berger/Prime make or equivalent.</p>		
5.	<p>Inclusive Circular Swing</p>  <p>Ground Space: 3.3 Mtr x 3.4 Mtr Safe Play Area: 4.3 Mtr x 5.4 Mtr The main pipe is of 80 NB B Class GI pipe & Top bar is of 50 NB B Class GI Pipe & the frame of swing is made of 25 NB B Class GI Pipe & 15 NB B Class GI Pipe. Platform, Caps & Nut Bolts: The swing platform made of FRP/Aluminium Checkered Plate. All Nut Bolts are S.S/ G. I material. Powder Coating: The Equipment shall first be powder Coating of at least 30-50 microns thickness using Akzonobel /Berger /Prime make or equivalent.</p>	Rs.	/-
6.	<p>Inclusive Chest Press</p>  <p>Ground Space: 1.8 Mtr x 0.7 Mtr Safe Play Area: 3.8 Mtr x 2.7 Mtr Technical Specifications: - Post Dia: - 100 NB GI Main vertical support pipe of Chest Press is fixed over 8 mm thick base plate. 8mm thick clamping plates are attached to the main frame to hold the rest of assemblies. Seat frame: Seat frame made from 40 NB bend GI Pipes and material. Handle: Handle made up of 25 NB Pipe with pvc end cap. Pipes: Pipe Materials: Medium Duty (B Class) series of pipes only. Wall thickness of pipe varies according to class / series of pipe used. Bearings :- Bearing housing shall be made from solid bar MS material. Bearings are oil sealed, self-lubricated made of SKF /NTN/NACHI make shall be provided for smooth & trouble-free movement. Pins and Circlips: - 25mm Diameter pins shall be made from EN8 material & Circlips made from standard material. Nut and Bolts: All Nut Bolts are S.S/ G. I material. All open ends of pipe been closed by GI/PVC/ caps for user safety against entrapment. Powder Coating: The Equipment shall be Powder Coated of at least 30-40 microns thickness.</p>	Rs.	/-
7.	<p>Inclusive Forearm Twirl</p>	Rs.	/-



Product Area: 0.8 Mtr x 0.42 Mtr

Safe Play Area: 1.5 Mtr x 1.4Mtr

Technical Specification: •Post Dia: 100NB GI main vertical support pipe of forearm Twirl is fixed over 8mm thick base plate. 8 mm thick clamping plates are attached to main frame to hold the rest assemblies Wheel Structure: 25NB Galvanized pipe bend to form ring of wheel and spokes are made up of 15NB G.I. pipes that connect to each other to form a wheel of forearm Twirl. Nylon knobs are provided on the wheels for gripping purpose. This wheel is fixed to main support with the help of 40NB connector pipe with specially designed bearing housing.

•Pipes: Pipe Materials: Medium Duty ('B' Class) Series of pipes only. Wall thickness of pipe varies according to class/series of pipe used.

Bearings :- Bearing Housing shall be made from solid bar of MS material. •Bearing: Bearings are oil sealed, self-lubricated made of SKF/ NTN/ NACHI make shall be provided for smooth & trouble-free movement.

Pins and Circlips: 25mm diameter pins shall be made from EN8 material & Circlips made from standard material.

• **Nut and Bolts:** All Nut Bolts are S.S/ G. I material. All open ends of pipe been closed by GI / PVC caps for user safety against entrapment

Powder Coating: The Equipment shall be Powder Coated of at least 30-40 microns thickness.

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MAPS



Description:

- Product Area :- 18 ft x 13 ft (Approx.)
- Safe Play Area :- 28 ft x 23 ft (Approx.)
- Age Group :- 3 - 12 yrs
- Friends at a time :- 10-12
- Platform Height :- 3 ft & 4 ft

Technical Specification:

• Platform:-

Material:- Aluminium Chequered Plate (Anti-skid pattern) forming the top deck surface.

Thickness:- 3 mm thick Aluminium Chequered Plate.

Frame:- Platform frame fabricated from MS Angles (ISA 40x40x5mm or ISA 50x50x5mm) duly welded and reinforced.

Support:- Frame supported on 80NB GI vertical deck pipes using GI plated MS brackets and flange plates.

Others:- Ribbed structural support provided below platform using MS flats / angles for load bearing strength.

All joints properly welded and ground smooth.

Complete frame Hot Dip Galvanized and Powder Coated.

Shape:- Hexagonal

• Brazing Frame:-

ISA 25x25x5mm or ISA 40x40x5mm thick and ISF 40x5mm thick which is galvanized and then duly Powder Coated.

• Clamp:-

Made by Nylon-6 material by Injection Molding Process which is UV stabilized and

Rs.

/-

having better strength to give support to other parts.

- FRP Hexagonal Canopy:-

The Hexagonal canopy is made of FRP (Fibre Reinforced Plastic) with a minimum thickness of 2-3 mm. The canopy is assembled from six modules and at the top flag is fixed.

- ROTO Flag:-

This ROTO Flag is made up of rotational molding process which consists of LLDPE mixed with UV stabilized food grade material for making it UV resistant.

- Vertical Pipes:-

80NB GI pipes conforming to IS 1239 (Part 1).

Wall thickness as per Medium Duty B class of pipe used.

- Access Ramp:-

Ramp made of Aluminium with anti-skid surface or perforated MS sheet.

Side railings provided with 25NB GI pipe.

Ramp supported by 40NB GI pipe vertical supports and 50x5mm MS flat with GI plating.

- FRP Staircase with Railing:-

Material:- FRP (Fibre Reinforced Plastic) with a minimum thickness of 3-5mm or 16SWG Metal Sheet. The staircase has sufficient reinforcement to maintain strength and to avoid bending. The top surface of the ladder should be such that it should not deserve any kind of skiddy movement. Railings of 25NB GI pipes are provided for safety purpose.

- ROTO Cross N Zero Railing:-

This item provides brain washing experience to the children and enhances their tactical strength by providing them a intelligent game. The prisms for the "X" and "O" and also the frame of this item are made up of LLDPE (Low-Density Polyethylene Plastic) in rotational molding process. The prisms are fixed on powder coated GI pipe frame of 20 NB and 15 NB pipes.

- Curved Climber:-

Structure fabricated out of 25NB GI pipes.

Supported with 40NB vertical GI pipes.

Attached to vertical deck pipes with help of 20NB GI pipe and specially designed Nylon clamps.

- FRP Bowl Slide:-

Bowl Slide chute is made up of FRP. The chute has its end such as it causes safe landing of the child.

The landing of the slide is supported by stand made up of 25NB pipe.

- FRP Curve Slide 3'ht:

Bowl Slide chute is made up of FRP process.

The landing of the slide is supported by stand made up of 20 NB pipe and 5mm thick MS plate with GI plating.

- Cross Checkered Railing:-

Railings are provided as barrier for safety purpose. Cross Checkered Railing is made up of LLDPE (Low-Density Polyethylene Plastic) in rotational molding process and has a support of 20 NB powder coated GI pipes. The railing is attached to the support pipe using an Injection Molded Nylon Clamps.

- Bridge Railing:-

Railings are provided on both sides of bridge as barrier for safety purpose. It is made up of LLDPE (Low-Density Polyethylene Plastic) in rotational molding process and has a support of 20 NB powder coated GI pipes. The railing is attached to the support pipe using an Injection Molded Nylon Clamps.

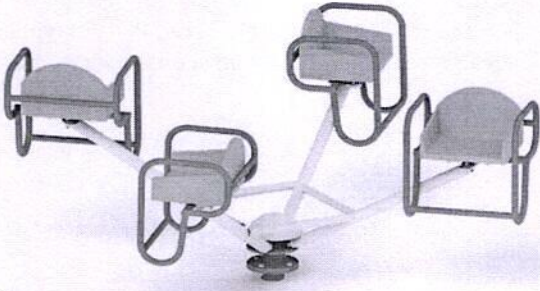

- Pipes: All metal pipes are Hot Dipped Galvanized Pipes conforming to IS 1239 (Part 1) with GI thickness of 60micron.

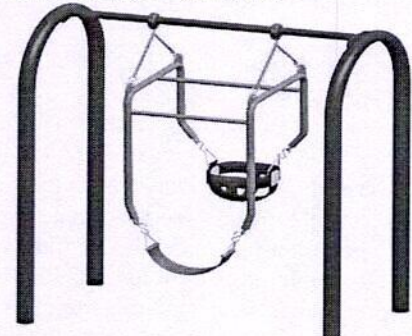
- Pipe Materials or Class: Medium Duty ('B' Class) & Light Duty ('A' Class) Series of pipes only. Wall thickness of pipe varies according to class / series of pipe used.


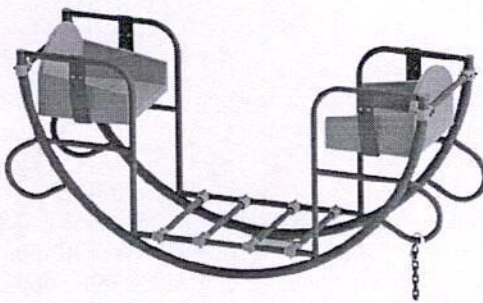
- Powder coating: It shall be done with pure polyester raw material. Dry film Thickness maintained within the range of 50-70 microns. It is tested for adhesion test (According to ASTM-D-3359) with the help of cross hatch cutter instruments.


- Nut and Bolts: Galvanized/ S.S./Allen Bolt/Button Head Allen Bolt & Nuts / Nylon Lock Nuts are used with PVC Bolt Caps.


All open ends of pipe been closed by GI / PVC caps for user safety against entrapment.

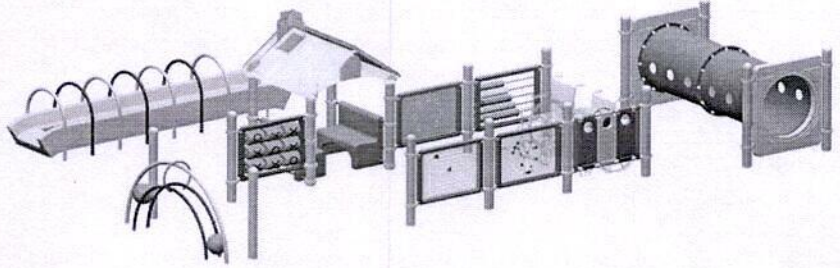
<p>9</p>	<p>FOUR SEATER MGR</p>  <p>Descriptions</p> <ul style="list-style-type: none"> • Product Area : 7 ft Dia. • Safe Play Area : 10.2 ft Dia. • Ideal For : 3-12 Years • Friends at a time : 5 <p>Technical Specification:</p> <ul style="list-style-type: none"> •MGR frame : MGR Frame made from 40NB pipes welded together with bottom end over a circular plate meant for assembling bearing assembly. The top end of the pipe is welded with a ISF & a plate for mounting the animal (duck) over it. The four 40NB pipe are hold together with four 25NB pipe to form a strong structure. The GI plated bowl is used to cover the top of the bearing assembly. •Seat frame: Seat frame fabricated from 20 NB GI pipe, machine bent and welded to form a rigid frame structure with MS flat plate for mounting of seat. The complete frame assembly shall be securely bolted to the outer end of the MGR frame and provided with suitable MS spacers for footrest support. The seat shall be equipped with ergonomically designed hand grips conforming to EN 1176-1:1998 and an integrated safety belt system made of heavy-duty nylon/polyester webbing with adjustable provision and corrosion-resistant quick-release buckle mechanism, ensuring secure fastening of the user and compliance with relevant safety requirements of EN 1176. •Seat :MGR seat is made up of Fiber reinforced plastic(FRP). The attractive seat is made up of 3-5 mm thick fibre reinforced plastic. Seat designed to accommodate one child per seat with backrest; The seat is bolted to the assembly with special structure. The FRP material is tested for abrasion resistance & UTS(ultimate tensile test). •Bearing assembly :Bearing assembly with two bearings <ol style="list-style-type: none"> 1. Ball Bearing used for smooth rolling action. 2.Taper Roller Bearing take vertical thrust due to rolling moment & applied weight. The whole structure is mounted on heavy-duty bearing shaft permanently lubricated with water sealant. •Center support : 80NB hot dip galvanized center support pipe of length 500mm conforming to IS 1239 with GI thickness of 60μ .This pipe is welded with a 150x150mm base plate at bottom for fixing the foundation angles ISA & Circular plate on top with OD 200mm for assembling the bearing. •Pipes: All metal pipes are Hot Dipped Galvanized Pipes conforming to IS 1239 (Part 1) with GI thickness upto 60micron. •Pipe Materials or Class: Light Duty ('A' Class) & Medium Duty ('B' Class) Series of pipes only. Wall t hickness of pipe varies according to class / series of pipe used. •Powder coating: it shall be done with pure polyester raw material.Dry film Thickness maintained within the range of 50-70 microns. It is tested for adhesion test (According to ASTM-D-3359) with the help of cross hatch cutter instruments. •Nut and Bolts: Galvanized/ S.S./Allen Bolt/Button Head Allen Bolt & Nuts / Nylon Lock Nuts are used with PVC Bolt Caps. <p>All open ends of pipe been closed by GI / PVC caps for user safety against entrapment.</p>	<p>Rs. /-</p>
<p>10</p>	<p>TWO SEATER SEE-SAW</p> 	<p>Rs. /-</p>


	<p>Descriptions</p> <ul style="list-style-type: none"> • Product Area : 1.6 ft X 9.8 ft • Safe Play Area : 4.9 ft X 13.1 ft • Ideal For : 3-10 Years • Friends at a time : 4 <p>Technical Specification:</p> <ul style="list-style-type: none"> •Handle grip: Hand Grip conforming to EN 1176-1:2008 for requirement of hand grip. It is made from 20NB Galvanized pipe with end caps •See-saw lever: See Saw Lever made from 80NB Galvanized Pipe of 2950mm long conforming standards IS 1239 with strong load carrying capacity. •Seat frame: Seat frame fabricated from 20 NB GI pipe, machine bent and welded to form a rigid frame structure with MS flat plate for mounting of seat. The complete frame assembly shall be securely bolted to the outer end of the MGR frame and provided with suitable MS spacers for footrest support. The seat shall be equipped with ergonomically designed hand grips conforming to EN 1176-1:1998 and an integrated safety belt system made of heavy-duty nylon/polyester webbing with adjustable provision and corrosion-resistant quick-release buckle mechanism, ensuring secure fastening of the user and compliance with relevant safety requirements of EN 1176. •Seat made up of Fiber reinforced plastic(FRP). The attractive seat is made up of 3-5 mm thick fiber reinforced plastic. Seat designed to accommodate one child per seat with backrest; The seat is bolted to the assembly with special structure. The FRP material is tested for abrasion resistance & UTS(ultimate tensile test). •See-saw stand: See Saw stand with special Nylon-6 bush enclosed in a seamless pipe hinged to 50NB Support pipe. The stand is fixed with ISA for strong foundation grip. •See Saw impact attenuator:It is made from 20NB Galvanized pipe •Bearing:The bearing used in this item is heavy duty nylon bush type •Pipes: All metal pipes are Hot Dipped Galvanized Pipes conforming to IS 1239 (Part 1) with GI thickness of 60 micron. •Pipe Materials or Class: Light Duty ('A' Class) & Medium Duty ('B' Class) Series of pipes only. Wall thickness of pipe varies according to class / series of pipe used. •Powder coating: it shall be done with pure polyester raw material.Dry film Thickness maintained within the range of 50-70 microns. It is tested for adhesion test (According to ASTM-D-3359) with the help of cross hatch cutter instrument. 	
11	<p>PARENT CHILD SWING</p>  <p>Descriptions</p> <ul style="list-style-type: none"> • Product Area : 5.5 ft x 3.5 ft • Safe Play Area : 8.8 ft X 13 ft • Ideal For : 4-14 Years • Friends at a time : 1 Parent & 1 Child <p>Technical Specification:</p> <ul style="list-style-type: none"> •Arc swing frame :6000mm long 80NB Pipe bent in Single Piece & welded together with a flange 5mm thick & ISA of 40x40x5mm to form a strong frame. The 80NB pipe is hot dip galvanized pipe with GI thickness of 40-60µ. Height of the frame is 2700mm. •Top pipe : 50NB Top Pipe with two Arc Swing Flanges welded at both its ends. Pipe can withstanding torsional stress created due to swinging motion. These 50NB top pipe is hot dip galvanized pipe of length 1500mm with GI thickness of 40-60µ. •Seat Frame : Seat Frame is made up of 32NB Pipe bends along with 25NB support pipes in between. Profile plates are attached on the top. •Seat assembly : 1) Swing clamp assembly :Swing clamps made up of two parts are joined together 	Rs. /-



	<p>with M6 Allen bolts along with S-Hook & a specially designed swing pin. The S-Hook is specially designed to house a bearing for smooth & noiseless swinging. The clamps are made from injection molded Nylon-6 plastic.</p> <p>2) Chain :Rubber dip molded swing chain of dia. 6mm.</p> <p>3) Hook :S-Hook of dia 8mm & 145x130 Triangular hook of Grade SS 304.</p> <p>4) Seat :Rubber Seat made by Natural Rubber with sufficient reinforcement.</p> <ul style="list-style-type: none"> •Powder coating : It shall be done with pure polyester raw material.Dry film Thickness maintained within the range of 50-70 microns. It is tested for adhesion test (According to ASTM-D-3359) with the help of cross hatch cutter instrument. •Bearing: Bearing is self-lubricated made of SKF/ NTN/ NACHI make shall be provided for smooth & trouble-free movement. •Pins and Circlips: 12mm diameter pins shall be made from EN8 material & Circlip A10. •Nut and Bolts: Galvanized/ S.S./Allen Bolt/Button Head Allen Bolt & Nuts / Nylon Lock Nuts are used with PVC Bolt Caps. <p>All open ends of pipe been closed by GI / PVC caps for user safety against entrapment.</p>	
<p>12</p>	<p>FUNNEL BALL 5 FT</p>  <p>Descriptions</p> <ul style="list-style-type: none"> • Product Area : 2 ft Dia. • Safe Play Area : 11.5 ft Dia. • Ideal For : 5-14Years • Friends at a time : 4-6 <p>Technical Specification:</p> <ul style="list-style-type: none"> •Center pipe :80NB hot dip galvanized pipe of length 2440mm conforming to IS 1239 with GI thickness upto 60μ.GI circle Plate ISF 200x10mm is welded to the pipe for funnel. •FRP funnel :Maximum size of ball that can pass through this basket is limited to dia 270mm. •Pipes: All metal pipes are Hot Dipped Galvanized Pipes conforming to IS 1239 (Part 1) with GI thickness of 60micron. •Pipe Materials or Class: Light Duty ('A' Class) & Medium Duty ('B' Class) Series of pipes only. Wall thickness of pipe varies according to class / series of pipe used. •Powder coating: It shall be done with pure polyester raw material.Dry film Thickness maintained within the range of 50-70 microns.it is tested for adhesion test (According to ASTM-D-3359) with the help of cross hatch cutter instruments. •Nut and Bolts: Galvanized/ S.S./Allen Bolt/Button Head Allen Bolt & Nuts / Nylon Lock Nuts are used with PVC Bolt Caps. <p>All open ends of pipe been closed by GI / PVC caps for user safety against entrapment.</p>	<p>Rs. /-</p>
<p>13</p>	<p>ROCKING BOAT</p> 	<p>Rs. /-</p>

	<p>Descriptions</p> <ul style="list-style-type: none"> • Product Area : 1.6 ft X 4.3 ft • Safe Play Area : 1.6 ft X 4.3 ft • Ideal For : 3-8 Years • Friends at a time : 2 <p>Technical Specification:</p> <ul style="list-style-type: none"> •Side frame : 25NB & 15NB Galvanized Pipes conforming to IS 1239(Part 1):1979 fixed together to form side frame structure of Rocking Boat. •Spacers :Six 15NB Galvanized pipes conforming to IS 1239(Part 1):1979 clamped to both side frames with special paired 1/2"x1" T-Joint GI plated MS Clamps. •Seat frame: Seat frame fabricated from 20 NB GI pipe, machine bent and welded to form a rigid frame structure with MS flat plate for mounting of seat. The complete frame assembly shall be securely bolted to the outer end of the MGR frame and provided with suitable MS spacers for footrest support. The seat shall be equipped with ergonomically designed hand grips conforming to EN 1176-1:1998 and an integrated safety belt system made of heavy-duty nylon/polyester webbing with adjustable provision and corrosion-resistant quick-release buckle mechanism, ensuring secure fastening of the user and compliance with relevant safety requirements of EN 1176. •Seat is made up of Fiber reinforced plastic(FRP). The attractive seat is made up of 3-5 mm thick fibre reinforced plastic. Seat designed to accommodate one child per seat with backrest; The seat is bolted to the assembly with special structure. The FRP material is tested for abrasion resistance & UTS(ultimate tensile test). •Pipes: All metal pipes are Hot Dipped Galvanized Pipes conforming to IS 1239 (Part 1) with GI thickness upto 60micron. •Pipe Materials or Class: Light Duty ('A' Class) & Medium Duty ('B' Class) Series of pipes only. Wall thickness of pipe varies according to class /series of pipe used. •FRP products: All the Fibre Reinforced Plastics (FRP) materials are processed by the hand laid process which is considered to be the best of its type. We use international quality of Gel coats which is duly mixed with U.V stabilized pigment to give the required colour to the product. Thickness of the FRP material varies from 3 mm to 5 mm as per the product. The FRP material is tested for abrasion resistance & UTS (ultimate tensile test). 	
<p>14</p>	<p>SS 304 GRADE WIDE SLIDE</p>  <p>Descriptions</p> <ul style="list-style-type: none"> • Product Area : 3.9m x 1.3m (12.8ft x 4.3ft) • Safe Play Area : 4.9m x 2.3m (16ft x 7.5ft) • Age Group : 3-8 yrs • Friends at a time:6-8 <p>Technical Specification:</p> <ul style="list-style-type: none"> •Support pipe: 40NB galvanized pipes of length 1490mm with base plates at the bottom, fixed to the platform at the top and grounded for strong support. • FRP Staircase with Railing:- <p>Material:- FRP (Fibre Reinforced Plastic) with a minimum thickness of 3-5mm or 16SWG Metal Sheet. The staircase has sufficient reinforcement to maintain strength and to avoid bending. The top surface of the ladder should be such that it should not deserve any kind of skiddy movement. Railings of 25NB GI pipes are provided for safety purpose.</p> <ul style="list-style-type: none"> •Pipes: All metal pipes are Hot Dipped Galvanized Pipes conforming to IS 1239 (Part 1) with GI thickness of 60micron. 	<p>Rs. /-</p>

	<ul style="list-style-type: none"> •Slide Platform:Slide Platform made of SS sheet with ISA reinforcement for attaching support pipes and chute. •Pipe Materials or Class: Medium Duty ('B' Class) & Light Duty ('A' Class) Series of pipes only. Wall thickness of pipe varies according to class / series of pipe used. •Chute Landing Support frame: Chute Landing Support frame made from four 25NB pipes & GI plate join with ISF conforming to IS 1730-1961 and bolted to slide landing •Chute railing:Chute railing made of 20NB pipe fixed to the chute frame on both the sides for grip. Railings conforming to EN1176-1:1998 (4.2.4.6) for minimum grip requirement •Wide slide: The slide chute is made of 14 SWG SS 304 grade sheet. Wide Slide chute made of ISA conforming to IS 808-1964 connected to 20NB bend pipe frame. SS sheet 8'x4' fixed over the slide frame forming the chute part for sliding. •Powder coating: It shall be done with pure polyester raw material.Dry film Thickness maintained within the range of 50-70 microns.it is tested for adhesion test (According to ASTM-D-3359) with the help of cross hatch cutter instrument. •Nut and Bolts: Galvanized/ S.S./Allen Bolt/Button Head Allen Bolt & Nuts / Nylon Lock Nuts are used with PVC Bolt Caps. <p>All open ends of pipe been closed by GI / PVC caps for user safety against entrapment.</p>	
15	<p>CIRCULAR SWING</p>  <p>Descriptions</p> <ul style="list-style-type: none"> • Product Area : 2.0m X 1.5m (6.6ft X 5ft) • Safe Play Area : 2.2m X1.5m (9.9ft X 8.2ft) • Ideal For : 3-10 Years • Friends at a time : 2 <p>Technical Specification:</p> <ul style="list-style-type: none"> •Swing leg pipe :40NB hot dip galvanized swing leg pipe of length 2300mm conforming to IS 1239 with GI thickness upto 60μ. •Top pipe: Circular swing top consists of special housing frame structure fixed to 50NB Galvanized pipe of length 1500mm at the center and two junction box frame at the ends to attach leg pipes. •Junction box :225mmx103mm junction box made from 3mm thick GI Plated plate to house the two swing leg pipes & top pipe. •Platform :The platform of size 610 X350 consists of a structure made from ISA conforming to IS-808-1964 and covered with Aluminum checkered sheet. The platform is bolted to the side frames at the lower side. •Side Frame :The Circular side frame is made from 25NB & 15NB Galvanized pipe bend and fixed together conforming to IS 1239 (Part 1):1979 to form a structural frame provide with fixed plates to attach seats. •Spacers :Four 15NB Galvanized pipes conforming to IS 1239(Part 1):1979 clamped to both side frames with special T-Joint clamps. •Seat frame: Seat frame fabricated from 20 NB GI pipe, machine bent and welded to form a rigid frame structure with MS flat plate for mounting of seat. The complete frame assembly shall be securely bolted to the outer end of the MGR frame and provided with suitable MS spacers for footrest support. The seat shall be equipped with ergonomically designed hand grips conforming to EN 1176-1:1998 and an integrated safety belt system made of heavy-duty nylon/polyester webbing with adjustable provision and corrosion-resistant quick-release buckle mechanism, ensuring secure fastening of the user and compliance with relevant safety requirements of EN 1176. •Seat The attractive seat is made up of 3-5 mm thick Fiber reinforced plastic(FRP). 	Rs. /-

	<p>Seat designed to accommodate one child per seat with backrest; The seat is bolted to the assembly with special structure. The FRP material is tested for abrasion resistance & UTS(ultimate tensile test).</p> <ul style="list-style-type: none"> •Bearing Assembly :It consists of two Plummer block bearings fixed over Dia 20 Bright Rod. The two profile plates are fixed to the two ends of rod for bolting the circular swing side frames. The entire bearing assembly is mounted on the frame provided on swing top. •Pipes: All metal pipes are Hot Dipped Galvanized Pipes conforming to IS 1239 (Part 1) with GI thickness of 60micron. 	
16	<p>ENABLING MAZE</p>  <p>Descriptions</p> <ul style="list-style-type: none"> • Product Area : 28.8 ft x 19.1ft • Safe Play Area : 32.2 ft x 22.3 ft • Age Group : 5-12 yrs • Friends at a time : 10 to 15 * Technical Specification: • Clamp:- Made by Nylon 6 material by Injection Molding Process which is UV stabilized and having better strength to give support to other parts. • Vertical Pipes:- 100NB GI pipes. Wall thickness as per the class of pipe used • ROTO Tunnel 2.4mtr Long:- Size:- 2400mm Material:- Low-Density Polyethylene Plastic with UV stabilization 16 in rotational molding process with a minimum thickness of 5-6mm. Outer diameter of the tunnel is 860mm . Each half of the Tunnel is 1160mm long. ROTO Tunnel is assembled with ROTO slide entry with the help of Non-rusting S.S. Nuts and Bolts which in turn clamped by 80x20 Injection Molded Nylon Clamps. Six Holes are provided on top surface for ventilation purpose. • ROTO House Canopy:- House Canopy is made up of LLDPE (Low-Density Polyethylene Plastic). It has 4 legs which has center to center distance as 1160mm. It shall have provision for Flag/ Character at the top. • Kiddies Bench:- This Kiddie's Bench is made up of LLDPE (Low-Density Polyethylene Plastic) in rotational molding . It has been supported with a 20 NB powder coated GI pipes. The bench is attached to the support pipe using an Injection Molded Nylon Clamps. • FRP Roller Slide:- FRP Roller Slide is made up of FRP (Fiber Reinforced Plastic). FRP Roller Slide side arm have reinforced pins for assembling the rollers. Roller made from LLDPE Material. The most attractive and enjoyable of its kind. The slide chute consists of rotational molded plastic rollers spread over the length Roller provided with Nylon bush and are mounted on 12 mm dia rod and are fixed inside the slide chute. Bubble Panel Railing:- In this type of railing the bubble is made up of acrylic and the frame is made up of LLDPE (Low-Density Polyethylene Plastic). It provides an outer view of the area to the person present on that MAPS deck. It has been supported with a 20 NB powder coated GI pipes. The railing is attached to the support pipe using an Injection Molded Nylon Clamps. • ROTO Cross N Zero Railing:- This item provides brain washing experience to the children and enhances their tactical strength by providing them a intelligent game. The prisms for the "X" and "O" and also the frame of this item are made up of LLDPE (Low-Density Polyethylene Plastic) in rotational molding process. The prisms are fixed on powder coated GI pipe frame of 20 NB and 15 NB pipes. • Abacus Railing:- The balls for Abacus Railing and the frame are made of LLDPE (Low-Density Polyethylene Plastic) in rotational molding process. The frame is fixed on 20 NB GI pipes. The pipes are powder coated. The balls are attached over 12 mm dia rod to the frame. • ROTO Steering Wheel Railing:- Steering Wheel Railing consists of Small Railings, Slim Railings and Steering Wheel which are made up of LLDPE in Rotational molding process. Steering wheel is mounted on Small railing which has 	Rs. /-

	<p>Nylon Bush inside for frictionless rotation. Railing assembly is supported by 20NB G.I. pipes. The railing is attached to the support pipe using an Injection Molded Nylon Clamps.</p> <ul style="list-style-type: none"> • Character Railing :- Character railing frame is made up of LLDPE (Low-Density Polyethylene Plastic) in rotational molding process. The frame is fixed on 20 NB GI pipes. Character made up of sunboard sheet/FRP The railing is attached to the support pipe using an Injection Molded Nylon Clamps. • Emotion board:- Emotion borad frame is made up of LLDPE (Low-Density Polyethylene Plastic) in rotational molding process. The frame is fixed on 20 NB GI pipes. Emoji made up of acrylic sheet attached to the support pipe using an Injection Molded Nylon Clamp. • Path Finder: Emotion borad frame is made up of LLDPE (Low-Density Polyethylene Plastic) in rotational molding process. The frame is fixed on 20 NB GI pipes. character made up of acrylic sheet attached to the support pipe using an Injection Molded Nylon Clamp. • Crawl jump basket ball: The main support and ring made up of 100NB and 20NB pipe with help of Injection Molded Nylon Clamp. • Stretch Push pull and Run: The main support having 100NB pipe with natural rubber stretch. • Garvity Arc: The main support having 100NB pipe with ball and ring structure. • Pipes: All metal pipes are Hot Dipped Galvanized Pipes with GI thickness of 60 micron. • Powder coating: It shall be done with pure polyester raw material.Dry film Thickness maintained within the range of 50-70 microns. It is tested for adhesion test (According to ASTM-D- 3359) with the help of cross hatch cutter instruments. • Nut and Bolts: Galvanized/ S.S./Allen Bolt/Button Head Allen Bolt & Nuts / Nylon Lock Nuts are used with PVC Bolt Caps. <p>All open ends of pipe been closed by GI / PVC caps for user safety against entrapment.</p>	
17	<p>Inclusive Swing</p>  <p>Descriptions</p> <ul style="list-style-type: none"> • Product Area : 10 ft x 6 ft (Approx.) • Safe Play Area : 23 ft x 16 ft (Approx.) • Ideal For : 5-15 Years • Friends at a time : 1 Wheelchair User & 1 Child <p>* Technical Specification:</p> <ul style="list-style-type: none"> • Swing Frame : 80NB Pipe bent in Single Piece & welded together with a flange 5mm thick & ISA of 40x40x5mm to form a strong frame. The 80NB pipe is hot dip galvanized pipe with GI thickness of 40-60µ. Height of the frame is 2700mm. • Top Pipe : 50NB Top Pipe with two Swing Flanges welded at both its ends. Pipe can withstand torsional stress created due to swinging motion. This 50NB top pipe is hot dip galvanized pipe of length 3000mm with GI thickness of 40-60µ. • Wheelchair Platform Frame : Platform Frame is made up of 32NB Pipe bends along with 25NB support pipes in between to form a rigid cage type structure. MS Chequered Plate of 3 mm thickness provided at base for anti-skid wheelchair placement. Side safety railing made from 25NB pipes to prevent accidental rolling out. Front entry gate provided with locking mechanism for secure positioning of wheelchair during swinging. • FRP Seat Assembly : Swing Clamp Assembly : Swing clamps made up of two parts are joined together with M6 Allen bolts along with S-Hook & specially 	Rs. /-

	<p>designed swing pin. The S-Hook is specially designed to house a bearing for smooth & noiseless swinging. Clamps are made from injection molded Nylon-6 plastic. Bearing : Bearing is self-lubricated made of SKF / NTN / NACHI make shall be provided for smooth & trouble-free movement. Chain : Rubber dip molded swing chain of dia. 6mm. Hook : S-Hook of dia 8mm & 145x130 Triangular hook of Grade SS 304. Seat : FRP Seat made from high quality Fiber Reinforced Plastic with smooth edges & ergonomic design.Seat is UV stabilized, weather resistant & non-toxic.</p> <ul style="list-style-type: none"> • Pipes: All metal pipes are Hot Dipped Galvanized Pipes with GI thickness of 60 micron. • Powder coating: It shall be done with pure polyester raw material.Dry film Thickness maintained within the range of 50-70 microns. It is tested for adhesion test (According to ASTM-D- 3359) with the help of cross hatch cutter instruments. • Nut and Bolts: Galvanized/ S.S./Allen Bolt/Button Head Allen Bolt & Nuts / Nylon Lock Nuts are used with PVC Bolt Caps. <p>All open ends of pipe been closed by GI / PVC caps for user safety against entrapment.</p>	
<p>18</p>	<p>Horizontal Bridge Ladder</p>  <p>Descriptions</p> <ul style="list-style-type: none"> • Product Area : 8 ft x 5 ft • Safe Play Area : 15 ft x 10 ft • Age Group : 4-12 yrs <p>Technical Specification:</p> <ul style="list-style-type: none"> • Side Support: 32NB G.I. Pipes are used to form side frame of Bridge Ladder. All pipes are uniformly powder coated to avoid corrosion conforming to IS 1239 with GI thickness of 60micron • Top part: 25NB G.I. pipes are welded to side frame to form top frame of Bridge Ladder. 25NB G.I. pipes are sapced equidistant to ensure the gripping. • Pipes: All metal pipes are Hot Dipped Galvanized Pipes conforming to IS 1239 (Part 1) with GI thickness of 60micron. • Pipe Materials or Class: Medium Duty ('B' Class) & Light Duty ('A' Class) Series of pipes only. Wall thickness of pipe varies according to class / series of pipe used. • Powder coating: shall be done of pure polyester exteriors ultra-stabilized powder Paints. Thickness maintained is a minimum of 60-70microns. 	<p>Rs. /-</p>
<p>19</p>	<p>FRP Mini Double Wave Slide</p>  <p>Descriptions</p> <ul style="list-style-type: none"> • Product Area : 7.2 ft x 4 ft • Safe Play Area : 10.5 ft x 5.3 ft • Age Group : 2-4 yrs • Friends at a time : 2-3 <p>Technical Specification:</p> <ul style="list-style-type: none"> • H-support: It is made from 20NB anti corrosive Galvanized Pipe of length 	<p>Rs. /-</p>

<p>1363mm with GI coated Base Plate of size 400x25x5 & 100x50x5 together to provide strong support.</p> <ul style="list-style-type: none">• Support pipe: It is 50 NB hot dip galvanized center support pipe of length 1350 mm with two GI coated plate of 150x150x5mm. conforming to IS 1239 with GI thickness of 60μ.• Platform: It is 16 SWG GI Plated Platform of size - 1200 x 1200 x 60 mm• FRP Mini Double Wave Slide: All the Fibre Reinforced Plastics (FRP) materials are processed by the hand laid process which is considered to be the best of its type. We use international quality of Gel coats which is duly mixed with U. V. stabilized pigment to give the required colour to the product. Thickness of the FRP material varies from 3 mm to 5 mm as per the product. The FRP material is tested for abrasion resistance & UTS (ultimate tensile test).• FRP Staircase with Railing:- Material:- FRP (Fibre Reinforced Plastic) with a minimum thickness of 3-5mm or 16SWG Metal Sheet. The staircase has sufficient reinforcement to maintain strength and to avoid bending. The top surface of the ladder should be such that it should not deserve any kind of skiddy movement. Railings of 25NB GI pipes are provided for safety purpose.• Cross Checkered Railing:- Railings are provided as barrier for safety purpose. Cross Checkered Railing is made up of LLDPE (Low-Density Polyethylene Plastic) in rotational molding process and has a support of 20 NB powder coated GI pipes. The railing is attached to the support pipe using an Injection Molded Nylon Clamps.	
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