



## GUJARAT STATE POLICE HOUSING CORPORATION LTD. Gandhinagar

Name Of Work :- Providing, Supplying & Installation of Playing and Outdoor Gymnasium Equipment at Various Places under Home Department in Gujarat State.

### SPECIFICATION

Item No.	Description of Item.	Page No.	Item No.	Para No.	Amendment in Para Specification binding to the contractor	Remarks
1	2	3	4	5	6	7
1	<b>Providing, supplying and Fixing FRP Plain slide ht 2.1 Mtr</b> of ISI marked. The attractive <b>deluxe FRP Deluxe slide chute is made from more than 6mm thick FRP Material</b> .Remaining Equipments accessories will be as follows.Structure, ladder & Platform:The centre pipe is of 80 NB B Class GI pipe& Landing pipe is of 25 NB B Class GI Pipe.Ladder frame duly bend is of 25 NB& 20 NB GI B Class pipe. Platform is made of 14 SWG GI sheet with Anti-Skid design for firm foot grip. Triangular Steps are of 16 SWG GI sheet.Slide Chute:Deluxe Slide Chute is made from more than 6mm thick Fiber Reinforced Plastic (FRP) material.Caps&Nut Bolts:All Nut Bolts are G.I/M.S/Stainless Steel material. Closing Caps are made up of LLDPE / HDPE /M.S. to protect from rain and dust. Powder Coating:The Equipment shall first bePU Paint /Powder coated of at least 60-70 microns thickness using Akzonobel /Berger /Prime make or equivalent. Ground Space: 4.8 Mtr x 0.60 Mtr Safe Play Area: 6.4 Mtr x 1.8 Mtr				<b>As per Attached specification</b>	

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1	2	3	4	5	6	7
2	<p><b>Providing,supplying and Fixing FRP Plain Slide 1.0 Mtr</b> of ISI marked . The attractive deluxe FRP Deluxe slide chute is made from more than 6mm thick FRP Material. The structure comprises of 20 NB and 25 NB powder coated GI pipes. The center support is made in 80 NB powder coated GI pipe. The ladder cum railing is made up of 20 NB and 25 NB GI pipes. The platform is made up of 14 SWG GI sheets with anti skid for firm foot grip. Steps are made up of 16 SWG. GI sheet folded in triangular shape with smooth edges. All frames &amp; pipes shall be Powder Coated/PU Paint. Powder Coating Thickness 60-70 Micron with PP Powder of Reputed Brand only.To be Fitted using S.S. (Non Rusting) Nut Bolt &amp; Nylon Lock Nut with Nylon Cap made with nylon 6 Material.</p> <p>Ground Space: 3.05 Mtr x 0.6 Mtr Safe Play Area: 5.2 Mtr x 1.8 Mtr</p>				<b>As per Attached specification</b>	
3	<p><b>Providing,supplying and Fixing S.S Wide Slide Ht.1.2 Mtr</b> of ISI marked. This is one of the attractive slides of its kind. The chute is made of 14 SWG SS sheet. The stainless steel used is of 304 grades. The chute is supported by 40 x 5 MS angles. This chute is attached to the platform made from GI sheet. The platform is supported by 40 NB GI pipe. The ladder is made using 20 NB and 25 NB GI pipes. The landing support used is made up of 25 NB pipe. The handrail of the chute is made up of 20 NB powder coated GI pipe. The slide is innovative wide slide on which at a time 3 kids can slide. Slide Platform 40 x 5 mm angel frame with fiber sheet. Platform support 40 NB GI pipe. All frames &amp; pipes shall be Powder Coated/PU Paint. Powder Coating Thickness 60-70 Micron with PP Powder of Reputed Brand only. To be Fitted using S.S. (Non Rusting) Nut Bolt &amp; Nylon Lock Nut with Nylon Cap made with nylon 6 Material.</p> <p>Ground Space: 3.1 Mtr x 1.2 Mtr Safe Play Area: 6.1 Mtr x 2.1 Mtr</p>				<b>As per Attached specification</b>	

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4	<p>Providing,<b>supplying and Fixing Double Swing Eco</b> of this item shall be made up of 40 NB GI pipe while the top bar shall be of 50 NB GI' pipe. Leg pipe and top bar shall be attached with junction box which shall be made of 4 mm MS plate with GI plating. The single swings shall be made from 10 mm thick anti skid chequered reinforced rubber or moulded seat, which shall be suspended with rubber coated 6 dia. GI chain. The ball bearings shall be mounted inside a specially designed nylon clamp. All frames &amp; pipes shall be Powder Coated/PU Paint. Powder Coating Thickness 60-70 Micron with PP Powder of Reputed Brand only.To be Fitted using S.S. (Non Rusting) Nut Bolt &amp; Nylon Lock Nut with Nylon Cap made with nylon 6 Material.</p> <p>Ground Space: 2.5 Mtr x 2.0 Mtr Safe Play Area: 4.4 Mtr x 5.0 Mtr</p>				<b>As per Attached specification</b>	
5	<p><b>Providing,supplying and Fixing Double Toddler Swing.</b>The leg support of the swing is made up of 40 mm while the top bar is of 50 NB GI pipes. The GI pipes are powder coated. The bucket seats of the toddler swing are made of FRP. The ball bearings are mounted inside specially designed nylon clamps.</p> <p>The bucket seat is affixed on 6mm thick GI chain. The seats are made with full care so that the child does not fall from it while swinging. All frames &amp; pipes shall be Powder Coated/PU Paint. Powder Coating Thickness 60-70 Micron with PP Powder of Reputed Brand only.To be Fitted using S.S. (Non Rusting) Nut Bolt &amp; Nylon Lock Nut with Nylon Cap made with nylon 6 Material. Ground Space: 1.8 Mtr x 1.0 Mtr</p> <p>Safe Play Area: 3.0 Mtr x 3.5 Mtr</p>				<b>As per Attached specification</b>	

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6	<b>Providing,supplying and Fixing Four Seater Arch Swing.</b> The arch shaped side frame of the swing are made up of 80 NB GI pipe and top pipe is made up of 50 NB GI pipe. Supporting top bar of the swing is fitted with special design Nylon clamps assembly. It gives noiseless and Smooth movement to the swing round Plastisol coated short link chain of 6mm dia. Seat used is rubber with Non Skid surface with nylon lining pattern. Triangular hook are moulded in belt in such a way that it would not project from the top surface of the belt Seats. All frames & pipes shall be Powder Coated/PU Paint. Powder Coating Thickness 60-70 Micron with PP Powder of Reputed Brand only. To be Fitted using S.S. (Non Rusting) Nut Bolt & Nylon Lock Nut with Nylon Cap made with nylon 6 Material. Ground Space: 5.1 Mtr x 1.08 Mtr Safe Play Area: 7.2 Mtr x 5.0 Mtr				As per Attached specification	
7	<b>Providing,supplying and Fixing Standard See-Saw.</b> The horizontal support of the see saw shall be made from 32 NB and 20 NB G.I. Pipe. Seat of See Saw shall be made of FRP /LLDPE. Bearing 6006Z housing 70 x 50 mm seamless Pipe. Centre pin is 32 mm. Stand made for 50 NB pipe with Lubricating bush system. All frames & pipes shall be Powder Coated/PU Paint. Powder Coating Thickness 60-70 Micron with PP Powder of Reputed Brand only.To be Fitted using S.S. (Non Rusting) Nut Bolt & Nylon Lock Nut with Nylon Cap made with nylon 6 Material. Ground Space: 2.1 Mtr x 0.5 Mtr Safe Play Area: 3.1 Mtr x 1.5 Mtr				As per Attached specification	

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8	<b>Providing,supplying and Fixing Double See-Saw.</b> The Lever is made of 40 NB GI pipe and handle is made of 20 NB GI pipe. Stand made of 50 NB GI pipe & angle frame for foundation With Lubricating Bush and Bearing System. Bearing is to be used for noiseless moment. Roto Seat is B class Given for max comfort. All frames & pipes shall be Powder Coated/PU Paint. Powder Coating Thickness 60-70 Micron with PP Powder of Reputed Brand only.To be Fitted using S.S. (Non Rusting) Nut Bolt & Nylon Lock Nut with Nylon Cap made with nylon 6 Material.Ground Space: 2.1 Mtr x 1.5 Mtr Safe Play Area: 3.5 Mtr x 2.5 Mtr				As per Attached specification	
9	<b>Providing,supplying and Fixing Platform MGR FRP Top.</b> The platform of this merry - go - round consists of non-skid type FRP Top of 8mm Thickness. It is provided with handrails of 20 NB GI pipes. 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. All frames & pipes shall be Powder Coated/PU Paint. Powder Coating Thickness 60-70 Micron with PP Powder of Reputed Brand only.To be Fitted using S.S. (Non Rusting) Nut Bolt & Nylon Lock Nut with Nylon Cap made with nylon 6 Material. Ground Space: 1.8 Mtr Dia Safe Play Area: 3.8 Mtr Dia				As per Attached specification	

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1	2	3	4	5	6	7
10	<b>Providing, supplying and Fixing Bridge Ladder.</b> Bridge Ladder made from 80 NB "B" Class GI Pipe with 25 NB "B" Class G.I. Pipe for hand rail 9 pcs of 25 NB "B" Class G.I. pipe straight loops and 2 nos of horizontal & Vertical 50 NB "B" class G.I. Pipe. All frames & pipes shall be Powder Coated/PU Paint. Powder Coating Thickness 60-70 Micron with PP Powder of Reputed Brand only. To be Fitted using S.S. (Non Rusting) Nut Bolt & Nylon Lock Nut with Nylon Cap made with nylon 6 Material. Ground Space: 3.1 Mtr x 1.0 Mtr Safe Play Area: 5.5 Mtr x 1.9 Mtr				As per Attached specification	
11	<b>Providing, supplying and Fixing Horizontal Bar.</b> This exercise range item provides equipment for the exercise of hands and upper part of the body. The frame is fabricated out of 40 NB GI Pipe as vertical support and the horizontal bars are of 25 NB GI pipes. The main frame is fabricated 40 NB GI pipe. Ms patti 40mm x 5mm fabricated. All frames & pipes shall be Powder Coated/PU Paint. Powder Coating Thickness 60-70 Micron with PP Powder of Reputed Brand only. To be Fitted using S.S. (Non Rusting) Nut Bolt & Nylon Lock Nut with Nylon Cap made with nylon 6 Material. Ground Space: 3.1 Mtr x 0.1 Mt Safe Play Area: 4.4 Mtr x 2.1 Mtr				As per Attached specification	

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1	2	3	4	5	6	7
12	<p><b>Providing,supplying and Fixing Parallel Bar.</b>This item being from exercise range provides a structure for physical exercise. The complete structure is made out of 40 NB &amp; 25 NB GI pipes. The main frame is fabricated 40 NB GI pipe. Parallel Bar of 25 NB pipe. Ms patti 40mm x 5mm fabricated. All frames &amp; pipes shall be Powder Coated/PU Paint. Powder Coating Thickness 60-70 Micron with PP Powder of Reputed Brand only.</p> <p>To be Fitted using S.S. (Non Rusting) Nut Bolt &amp; Nylon Lock Nut with Nylon Cap made with nylon 6 Material.Ground Space:2.05 Mtr x 0.6 Mtr Safe Play Area: 4.4 Mtr x 1.8 Mtr</p>				<b>As per Attached specification</b>	
13	<p><b>Providing,supplying and Fixing Sunset Scrambler.</b> This hemispherical structure shall be similarly fabricated as the crystal maze and made from GI pipes of 19 OD and properly bend to get the required shape. The only difference being the lower half. Here the vertical supports provided shall be made from 25 NB G.I. pipe. These pipes shall be assembled together using 5 mm thick MS plates of 150 mm dia. duly electroplated with powder coating and bent to suit the shape of the product. All frames &amp; pipes shall be Powder Coated/PU Paint. Powder Coating Thickness 60-70 Micron with PP Powder of Reputed Brand only.</p> <p>To be Fitted using S.S. (Non Rusting) Nut Bolt &amp; Nylon Lock Nut with Nylon Cap made with nylon 6 Material.Ground Space:2.2 Mtr x 2.2 Mtr Safe Play Area: 4.8 Mtr x 4.8 Mtr</p>				<b>As per Attached specification</b>	

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1	2	3	4	5	6	7
14	<b>Providing, supplying and Fixing Aerial Stroller.</b> Structure, Grouting Support & Other Fixtures: The center pipe is of 80 NB C Class GI pipe. Walker pedal frame duly bend is of 32 NB GI C Class pipe. Air Walker handle frame is of 25 NB GI Pipe duly bend. Support of M.S. round plate of 250 mm dia & 10mm thickness is welded at bottom. MS plate of 245 x 113 x 2.8mm for footrest support. The foundation used for fixing is 80mm NB B Class GI pipe, M.S. Round Plate of 250 mm dia & 10mm thickness & 25 mm X 25mm M.S. angle of 3 mm thickness. Air Walker Footrest made from LLDPE /Cast Iron. Bush, Pins & Bearings: Bush made from 60mm dia seamless pipe & 60mm dia Solid bar. The pins used are made up of DIA 25 mm of SAE8620 material. The bearings used are of 6205-2RS1 permanent lubricated sealed bearing of reputed brand. Caps, Nut Bolts & Circlip: All Nut Bolts are Stainless Steel material. Closing Caps are made up of LLDPE / HDPE /M.S. Nylon cap mounted on pins to protect bearings and pins from rain and dust. Powder Coating: The Equipment shall first be coated with using Akzonobel /Berger /Prime make or its equivalent primer powder coating of at least 30-40 microns followed by Polyester Powder Coating of at least 30-50 microns thickness using Akzonobel /Berger /Prime make or equivalent. AREA :- 1.08 Mtr x 0.35 Mtr SAFE AREA: 2.12 Mtr x 2.55 Mtr				<b>As per Attached specification</b>	

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1	2	3	4	5	6	7
15	<b>Providing, supplying and Fixing Chest Press Single.</b> Structure, Grouting Support & Other Fixtures: The center pipe is of 100NB made up of C Class G.I. pipe. The bottom is welded with support of M.S. round plate DIA 250 mm & 10mm thickness. The connecting pipes are made up from 25NB C class G.I. pipe. The handle frame is made up from 32NB C class G.I. pipe. The foundation used for fixing is 80 NB B Class GI pipe, M.S. Round Plate of 250 mm dia & 10mm thickness & 25 mm X 25mm M.S. angle of 3 mm thickness and 20mm x 40mm CRC square pipes of 2.5mm thickness. The seats and Back rests are fitted on the outer frames are made up of M.S. Sheet of size 330mm X 300 mmX2mm thickness, deep drawn and pressed with uniform radius of 20 mm and no sharp edges. Bush, Pin & Bearings: Bush made from 60mm dia seamless pipe & 60mm diameter solid bar bush are used. Pins used of Diameter 25mm and 17mm are made up from SAE 8620 material. The bearings used are of 6205-2RS1 & 6203-2RS1 permanent lubricated sealed bearing of reputed Caps, Nut Bolts & Circlip: All Nut Bolts are Stainless Steel material. Closing Caps are made up of LLDPE / HDPE /M.S. The circlips for locking are A24 & A16. P.U. bush is used as Stopper to avoid the equipment abrasion. Powder Coating: The Equipment shall first be coated with using Akzonobel /Berger /Prime make or its equivalent primer powder coating of at least 30-40 microns followed by Polyester Powder Coating of at least 30-50 microns				<b>As per Attached specification</b>	

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1	2	3	4	5	6	7
16	<p><b>Providing, supplying and Fixing Seated Puller Single.</b> Structure, Grouting Support &amp; Other Fixtures: The centre pipe is of 100NB made from C Class G.I. pipe. Bottom support is of M.S. round plate of DIA 250 mm &amp; 10mm thickness welded. The handle frame is of 32NB C class G.I. pipe. The seat frame is of 32NB C class G.I. pipe. All linkages are made up of 25NB B class G.I. pipe. The foundation used for fixing is 80 NB B Class GI pipe, M.S. Round Plate of 250 mm dia &amp; 10mm thickness &amp; 25 mm X 25mm M.S. angle of 3 mm thickness and 20mm x 40mm CRC square pipes of 2.5mm thickness. The seats and Back rests are fitted on the outer frames are made up of M.S. Sheet of size 330mm X 300 mmX2mm thickness, deep drawn and pressed with uniform radius of 20 mm and no sharp edges. Bush, Pin &amp; Bearings: Bush made from 60mm dia seamless pipe &amp; 60mm diameter solid bar bush are used. Pins used of Diameter 25mm and 17mm are made up from SAE 8620 material. The bearings used are of 6205-2RS1 &amp; 6203-2RS1 permanent lubricated sealed bearing of reputed brand. Caps, Nut Bolts &amp; Circlip: All Nut Bolts are Stainless Steel material. Closing Caps are made up of LLDPE / HDPE /M.S. The circlips for locking are A24 &amp; A16. P.U. bush is used as Stopper to avoid the equipment abrasion. Powder Coating: The Equipment shall first be coated with using Akzonobel /Berger /Prime make or its equivalent primer powder coating of at least 30-40 microns followed by Polyester Powder Coating</p>				As per Attached specification	

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1	2	3	4	5	6	7
17	<p><b>Providing, supplying and Fixing Hip Twister Single.</b> Structure, Grouting Support &amp; Other Fixtures: The center pipe is of 100NB made up of C Class G.I. pipe. The bottom is welded with support of M.S. round plate DIA 250 mm &amp; 10mm thickness. The bottom frame is of 32NB "B" class G.I. pipe. The handle frame is of 32NB "B" class G.I. pipe. The foundation used for fixing is made of 80 NB "B" class G.I. pipe, welded with M.S. round plate of Dia 250mm &amp; 10mm thick. Main pipe supported with 25mm X 25mm M.S. angles of 3mm thickness and 20mm x 40mm CRC square pipes of 2.5mm thickness. The twister plate fitted on the bottom frame is made up of M.S. Round Plate of size Dia 300mm and 6mm thick. Bush, Pin &amp; Bearings: Bush made from 75mm dia seamless pipe, Pins used of Diameter 35mm are made up from SAE 8620 material. The bearings used are of "6007-2RS1" &amp; "32007" Tapered roller bearing permanent lubricated sealed bearing of reputed Brand. Caps, Nut Bolts &amp; Circlip: All Nut Bolts are Stainless Steel material. Closing Caps are made up of LLDPE / HDPE / M.S. Powder Coating: The Equipment shall first be coated with using Akzonobel / Berger / Prime make or its equivalent primer powder coating of at least 30-40 microns followed by Polyester Powder Coating of at least 30-50 microns thickness using Akzonobel / Berger / Prime make or equivalent. •</p> <p>AREA:- 1.1 Mtr x 0.6 Mtr</p> <p>• SAFE AREA:- 2.9 Mtr x 1.8 Mtr</p>				As per Attached specification	

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1	2	3	4	5	6	7
18	<p>Providing, supplying and Fixing Elliptical. Structure, Grouting Support &amp; Other Fixtures: The main frame Pipe is of 80 NB C Class G.I. Pipe with single bend pipe with 250mm radius. The bottom support is of M.S. round plate of DIA 250 mm &amp; 10mm thick. The Handle Frame is made up of 25NB C Class G.I. Pipe. The foundation used for fixing is made of 80 NB "B" class G.I. pipe, welded with M.S. round plate of Dia 250mm &amp; 10mm thick. Main pipe supported with 25mm X 25mm M.S. angles of 3mm thickness and 20mm x 40mm CRC square pipes of 2.5mm thickness. Bush, Pin &amp; Bearings: Bush made from 60mm dia seamless pipe, Pins used of Diameter 30mm are made up from SAE 8620 material. The bearings used are "6006-2RS1" permanent lubricated sealed bearing of reputed Brand. Caps, Nut Bolts &amp; Circlip: All Nut Bolts are Stainless Steel material. Closing Caps are made up of LLDPE / HDPE / M.S. The circlips for locking are A29. Powder Coating: The Equipment shall first be coated with using Akzonobel / Berger / Prime make or its equivalent primer powder coating of at least 30-40 microns followed by Polyester Powder Coating of at least 30-50 microns thickness using Akzonobel / Berger / Prime make or equivalent. AREA:- 1.1 Mtr x 0.6 Mtr SAFE AREA: - 3.5 Mtr x 2.0 Mtr</p>				<b>As per Attached specification</b>	

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19	<p><b>Providing, supplying and Fixing Arm Spinner Single.</b> Structure, Grouting Support &amp; Other Fixtures: The center pipe is of 100 NB made up of C Class G.I. pipe. The Handle frame is made up of 32 NB 'C' class G.I pipe and the handle movement round frame is made up from 25 NB 'B' class G.I. pipe. The foundation used for fixing is of 80 NB 'B' class G.I. pipe Welded with M.S. round plate of DIA 250 mm &amp; 10mm thick. Main pipe supported with 25 mm X 25mm M.S. angles of 3 mm thickness and 20mm x 40mm CRC square pipes of 2.5mm thickness. Bush, Pin &amp; Bearings: Bush made from 60mm dia seamless pipe are used. Pins used of Diameter 25mm and 12mm are made up from SAE 8620 material. The bearings used are of 6205-2RS1 &amp; 6201-2RS1 permanent lubricated sealed bearing of reputed brand. Caps, Knobs, Nut Bolts &amp; Circlip: All Nut Bolts are Stainless Steel material. Closing Caps are made up of LLDPE / HDPE /M.S. Nylon bush is used for handle knob and nylon cap mounted on pins to protect bearings and pins from rain and dust. The circlips for locking are A24 &amp; A11. Powder Coating: The Equipment shall first be coated with using Akzonobel /Berger /Prime make or its equivalent primer powder coating of at least 30-40 microns followed by Polyester Powder Coating of at least 30-50 microns thickness using Akzonobel /Berger /Prime make or equivalent. AREA:- 0.6 Mtr x 1.3 Mtr Safe Area:- 2 Mtr x 3 Mtr</p>				As per Attached specification	

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1	2	3	4	5	6	7
20	<p><b>Providing, supplying and Fixing Shoulder Spinner Single.</b></p> <p>Structure, Grouting Support &amp; Other Fixtures: The center pipe is of 100 NB made up of C Class G.I. pipe. The handle movement round frame is made up from 25 NB 'B' class G.I. pipe. The foundation used for fixing is of 80 NB 'B' class G.I. pipe Welded with M.S. round plate of DIA 250 mm &amp; 10mm thick. Main pipe supported with 25 mm X 25mm M.S. angles of 3 mm thickness and 20mm x 40mm CRC square pipes of 2.5mm thickness.</p> <p>Bush, Pin &amp; Bearings: Bush made from 60mm dia seamless pipe are used. Pins used of Diameter 25mm and 12mm are made up from SAE 8620 material. The bearings used are of 6205-2RS1 &amp; 6201-2RS1 permanent lubricated sealed bearing of reputed brand. Caps, Knobs, Nut Bolts &amp; Circlip: All Nut Bolts are Stainless Steel material. Closing Caps are made up of LLDPE / HDPE /M.S. Nylon bush is used for handle knob and nylon cap mounted on pins to protect bearings and pins from rain and dust. The circlips for locking are A24 &amp; A11. Powder Coating: The Equipment shall first be coated with using Akzonobel /Berger /Prime make or its equivalent primer powder coating of at least 30-40 microns followed by Polyester Powder Coating of at least 30-50 microns thickness using Akzonobel /Berger /Prime make or equivalent. AREA:- 0.6 Mtr x 0.85 Mtr SAFE AREA:- 2.4 Mtr x 2 Mtr</p>				As per Attached specification	

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21	<b>Providing, supplying and Fixing Rower.</b> Structure, Grouting Support & Other Fixtures: The Main frame is of 80NB C class G.I. Pipe welded with M.S. round plate of 250mmX10mm. The moving pipe is of 32NB C class G.I pipe. The handle frame 25NB is made from C class G.I. pipe. The seat is fitted on the frame is made up of M.S. Sheet of size 330mm X 300 mmX2mm thickness, deep drawn and pressed with uniform radius of 20 mm and no sharp edges. The foundation used for fixing is of 80 NB 'B' class G.I. pipe Welded with M.S. round plate of DIA 250 mm & 10mm thick. Main pipe supported with 25 mm X 25mm M.S. angles of 3 mm thickness and 20mm x 40mm CRC square pipes of 2.5mm thickness. Bush, Pin & Bearings: Bush made from 60mm dia seamless pipe are used. Pins used of Diameter 17mm are made up from SAE 8620 material. The bearings used are of 6203-2RS1 permanent lubricated sealed bearing of reputed brand. Caps, Knobs, Nut Bolts & Circlip: All Nut Bolts are Stainless Steel material. Closing Caps are made up of LLDPE / HDPE /M.S. Nylon cap mounted on pins to protect bearings and pins from rain and dust. The circlips for locking are A16. P.U. bush is used as Stopper to avoid the equipment abrasion. Powder Coating: The Equipment shall first be coated with using Akzonobel /Berger /Prime make or its equivalent primer powder coating of at least 30-40 microns followed by Polyester Powder Coating of at least 30-50 microns thickness using Akzonobel /Berger /Prime				<b>As per Attached specification</b>	

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22	<b>Providing, supplying and Fixing Uneven Bar.</b> Structure, Grouting Support & Other Fixtures: The main frame Pipe is of 100 NB made from C Class G.I. Pipe. The handle frame are of 25 NB & 32 NB C class GI pipe. The bottom support is of M.S. round plate of DIA 250 mm & 10mm thick. The foundation used for fixing is made of 80 NB "B" class G.I. pipe, welded with M.S. round plate of Dia 250mm & 10mm thick. Main pipe supported with 25mm X 25mm M.S. angles of 3mm thickness and 20mm x 40mm CRC square pipes of 2.5mm thickness. Caps, Nut Bolts & Circlip: All Nut Bolts are Stainless Steel material. Closing Caps are made up of LLDPE / HDPE /M.S. Powder Coating: The Equipment shall first be coated with using Akzonobel /Berger /Prime make or its equivalent primer powder coating of at least 30-40 microns followed by Polyester Powder Coating of at least 30-50 microns thickness using Akzonobel /Berger /Prime make or equivalent. AREA:- 3.3 Mtr x 1.3 Mtr SAFE AREA:- 5 Mtr x 4.5 Mtr				As per Attached specification	

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1	2	3	4	5	6	7
23	<b>FILLING in plinth with SAND</b> under floors including watering, raming consolidating and dressing etc. complete.	68	24 [4.24]	1.0 to 3.0		

Dy. Executive Engineer  
G.S. Police Housing Corp. Ltd.  
Gandhinagar

Executive Engineer  
G.S.Police Housing Corp.Ltd.  
Gandhinagar