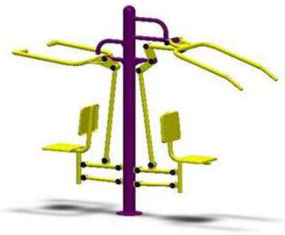
MIRA-BHAINDAR MUNICIPAL CORPORATION

Garden Department

NAME OF WORK :- Installation of artificial turf beneath the open-air gym equipment at the 'Jai Bajrang Open Gym', located at Jesal Park Chowpatty in Ward No. 02, Bhayandar (East) in MBMC area.

(ABSTRACT) (ESTIMATE)

(प्रशासकीय ठराव क्र.481 दि.15/03/2024 मधील मंजूर दर)

QTY	UNIT	ITEM	RATE PER NOS	AMOUNT
1	NOS	**ITEM NO. 1 CHEST AND SHOULDER COMBO**  AREA:- 2.4 Mtr x 0.8 Mtr SAFE AREA:- 4.8 Mtr x 2 Mtr Structure, Grouting Suppport & Other Fixtures:The center pipe is of 80NB made up of G.I. pipe. The connecting pipes are made up from 25NB G.I. pipe. The handle frame is made up from 32NBG.I. pipe. 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. Bearing: Bearings are oil sealed, self-lubricated made of reputed brand make shall be provided for smooth & trouble-free movement. Caps, Nut Bolts & Circlip: All Nut Bolts G. I / S.S 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 thickness using Akzonobel /Berger /Prime make or equivalent. Powder coating colour is TGTC & Lead free & passes the 1000-hour salt spray test & MEK solvent resistance rub test – ASTM D5402.	143,046.00	143,046.00
1	NOS	**ITEM NO. 2 CROSS TRAINER**  AREA:- 1.1 Mtr x 0.6 Mtr SAFE AREA: - 3.5 Mtr x 2.0 Mtr Structure, Grouting Suppport & Other Fixtures:The main frame Pipe is of 80 NB B Class G.I. Pipe with single bend pipe with 250mm radius. The Handle Frame is made up of 25NB B Class G.I. Pipe. Bush, Pin & Bearings: Bush made from 60mm dia seamless pipe, Pins used of Diameter 30mm are made up from SAE 8620 material. Bearing: Bearings are oil sealed, self-lubricated made of SKF/ NTN/ NACHI make shall be provided for smooth & trouble-free movement. Caps, Nut Bolts & Circlip: All Nut Bolts are Stainless Steel / G. I 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 50-70 microns thickness using Akzonobel /Berger /Prime make or equivalent. Powder coating colour is TGTC & Lead free & passes the 1000-hour salt spray test & MEK solvent resistance rub test – ASTM D5402.	106,183.00	106,183.00

1	**NOS**	**ITEM NO. 3** **DOUBLE STANDING TWISTER**  AREA:- 1.8 Mtr x 0.6 Mtr SAFE AREA:- 4.2 Mtr x 1.8 Mtr Structure, Grouting Suppport & Other Fixtures:The center pipe is of 80NB made up of B Class G.I. pipe. T The bottom frame is of 32NB "B" class G.I. pipe. The handle frame is of 32NB "B" class G.I. pipe. 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 & Bearings: Bush made from 75mm dia seamless pipe, Pins used of Diameter 35mm are made up from SAE 8620 material. Bearing: Bearings are oil sealed, self-lubricated made of reputed brand make shall be provided for smooth & trouble-free movement Caps, Nut Bolts & Circlip: All Nut Bolts are G.I / S.S 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. Powder coating colour is TGTC & Lead free & passes the 1000-hour salt spray test & MEK solvent resistance rub test – ASTM D5402.	**92,703.00**	**92,703.00**
182	**Sq. Mtr**	**ITEM NO. 5** ARTIFICIAL GRASS WITHOUT PCC  4 Tone Pe (Crown Shape) + Pp Curl 35 Mm + 1 Mm 3/8 16 Stitches / 10 Cm + 3% 7600 Detex Density: 16800 Per Sqm Backing: Pp Cloth + Mesh + Sbr Latex	**3,423.00**	**622,986.00**
		TOTAL		**964,918.00**