

| FILE No.  |  |   |            |   |                              |            |                    |                      |         |         |         |            |                  |         |               |         |                    |
|---|--|---|------------|---|------------------------------|------------|--------------------|----------------------|---------|---------|---------|------------|------------------|---------|---------------|---------|--------------------|
| Creator : Mr. Firoj Technical Assistant   |  |   |            | Moderator : Shri A.V.Muralidharan ( Dy. CEO GeM ) |                              |            |                    | Approver : A K Kamra |         |         |         |            |                  |         |               |         |                    |
| Superlative Category : Sports and Recreational Equipment and Supplies and Accessories |  |   |            |   |                              |            |                    |                      |         |         |         |            |                  |         |               |         |                    |
| Major Category : Fitness equipment  |  |   |            |   |                              |            |                    |                      |         |         |         |            |                  |         |               |         |                    |
| Sub Category : Weight and resistance training equipment                               |  |   |            |   |                              |            |                    |                      |         |         |         |            |                  |         |               |         |                    |
| Hip twister machine : UNSPSC Code   |  |   |            |   |                              |            |                    |                      |         |         |         |            |                  |         |               |         |                    |
| S.No.   | Parameters   |   |            | Value 1   | Value2                       | Value 3    | Value 4            | Value 5              | Value 6 | Value 7 | value 8 | Validation | Golden parameter | Remarks | P r i t o y r | U n i t | Demand Aggregation |
| 1   | Material of frame of hip twister   | M | Enumerable | Steel   | Stainless steel              | Metal      | Galvanised Iron    |                      |         |         |         |            | G                |         |               |         |                    |
| 2   | Outside diameter of pipe in mm   | D | Enumerable | 101.6   | 114.3                        | 139.7      | 165.1              |                      |         |         |         |            |                  |         |               | mm      |                    |
| 3   | Thickness of wall of pipe in mm  | D | Enumerable | 2.6   | 3                            | 4          | 4.5                | 5                    | 5.4     |         |         |            |                  |         |               | mm      |                    |
| 4   | Type of coating on frame of hip twister  | P | Enumerable | Epoxy coating                                     | Electrostatic powder coating | Paint      |                    |                      |         |         |         |            | G                |         |               |         |                    |
| 5   | Material of handle pipe  | P | Enumerable | Steel   | Stainless steel              | Metal      | Galvanised Iron    |                      |         |         |         |            | G                |         |               |         |                    |
| 6   | Shape of handle  | P | Text       |   |                              |            |                    |                      |         |         |         |            |                  |         |               |         |                    |
| 7   | Nominal bore size of pipes of handle in NB (mm)  | P | Enumerable | 15  | 25                           | 15 and 25  |                    |                      |         |         |         |            |                  |         |               | NB (mm) |                    |
| 8   | Material of rotating disc  | P | Enumerable | Steel   | Stainless steel              | Mild steel | HDPR/LLDPE plastic |                      |         |         |         |            |                  |         |               |         |                    |
| 9   | Rotating angle of disc in degree   | D | Enumerable | 360   |                              |            |                    |                      |         |         |         |            |                  |         |               | degree  |                    |
| 10  | Size of Pipes for disc support in NB (mm)  | D | Enumerable | 80  | 100                          |            |                    |                      |         |         |         |            |                  |         |               | NB (mm) |                    |
| 11  | Heavy duty bearing shall be used for discs   | P | Enumerable | Yes   |                              |            |                    |                      |         |         |         |            |                  |         |               |         |                    |
| 12  | All pipes is to be uniformly coated up to minimum 60 micron thickness to avoid corrosion | P | Enumerable | Yes   |                              |            |                    |                      |         |         |         |            |                  |         |               |         |                    |
| 13  | The discs have to be bolted to main frame with the help of Pipe                          | P | Enumerable | Yes   |                              |            |                    |                      |         |         |         |            |                  |         |               |         |                    |
| 14  | Nominal bore size of pipes used for connecting main frame and disc in NB (mm)            | D | Enumerable | 40  | 60                           |            |                    |                      |         |         |         |            |                  |         |               | NB (mm) |                    |



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|----|--|---|------------|-----|---------------------------------------|--|--|--|--|--------------------------------------|--|--|--|--|--|--|--|
| 32 | Copies of all certifications and reports to be provided to buyer on demand at time of supplies , | R | Enumerable | Yes | NA ,Incase test reports not available |  |  |  |  |                                      |  |  |  |  |  |  |  |
|    | Firoj Technical Assistant  |   |            |     |                                       |  |  |  |  | Shri A. V. Muralidharan<br>DCEO -GeM |  |  |  |  |  |  |  |