File number: GeM/TP/DCEO-AKJ/2017/ (Polycarbonate shield)

UNSPSC code- 461515-CROWD CONTROL EQUIPMENTS; ITCHS code-390740- POLYCARBONATES

UNSPSC code- 46151503- Polycarbonate Shield (Riot shields); ITCHS code-39074000- Polycarbonates

Product Description: Polycarbonate shield

S.No	Parameters	Character/ Numerical	Value 1	Value 2	Unit	Validation	Whether Filter Required	Demand Aggregation
1	Raw materisl	СН	Engineering grade Polycarbonate (virgin grade)					Number
2	Shape	СН				* (Rectangular or Other better shape)	Yes	
3	Length	N			mm	* (910 mm to 1000 mm)	Yes	
4	Breadth (flat)	СН			mm	* (> 560 mm)	Yes	
5	Breadth (Concave)	СН			mm	* (> 610 mm)	Yes	
6	Thickness	N			mm	* (2.5 mm to 3.5 mm)	Yes	
7	Weight	N			Kg	3.0 to 3.4	Yes	
8	Provide complete protection against brick batting, stone pelting, iron rod/cane attack, molotov cocktails, acids	СН	Yes					
9	High Impact resistance	СН	Yes					
10	Transparent, scratch resistance and Durable	СН	Yes					
11	Edges well secured and covered by durable band/ elbows	СН	Yes					
12	Vision area of shield so shaped as to avoid scrathces during handling	СН	Yes					
13	Cushioned/ comfortable arm rest for comfort in long use i.e to have solid strap, handle and pad for better grip	СН	Yes					
14	Thick ribs all along the edges for higher structural strength	СН	Yes					

Note: *Must be declared