

<b>OTM COMPLEX</b>			
<b>S.No</b>	<b>Description of Item</b>	<b>Qty</b>	
1	Supplying, Installation, Testing and commissioning of 9W LED mirror light fitting complete etc as required.	17	Each
2	Supplying of 600 mm X 600 mm LED Recees mounted type luminaire with extruded aluminium/ CRCA housing having not less than 3000 system Lumens output with system wattage not more than 36 watts, colour temperature not less than 6500K, inbuilt surge protection not less than 2 KV etc complete as required.	519	Each
3	Supply of LED light fitting surface mounting (round type) having colour temperature not less than 5700K, system lumen output not less than 960 lumens and system wattage 10 to 12 Watts, CRI not less than 70 made of CRCA/ Aluminium die cast powder coated body with high transmittance diffuser, in built electronic driver with surge protection not less than 2 KV etc. as required.	376	Each
4	Supplying and fixing street light luminaire with die cast aluminium housing and toughened glass cover with min IP66 degree of protection, Individual LED with optical lens for better light distribution throw across and along the road, with luminaire efficacy of greater than 85 Lumen / watt, colour rendering Index (CRI) of $\geq 70$ and co-related colour temperature of 5700K ( $\pm 300$ K), The luminaire should have 4 KV surge protection, PF $\geq 0.95$ , and total harmonic distortion of THD $\leq 10\%$ impact resistant near $\geq$ IK05 standard, voltage rang+B112e of 140 - 280 V should be provided, well designed thermal management system with aluminium heat sink. The Driver used be a constant current driver with efficacy of $\geq 85\%$ . The Manufacturers LOGO must be embossed in to the housing of luminaire.Including connection & loop earthing, testing and commissioning etc. as required.		
4.1	40-45 W with minimum 3600 lumens lamp output	33	Each

<b>SPORTS COMPLEX</b>			
<b>S.No</b>	<b>Description of Item</b>	<b>Qty</b>	
1	Supply of high bay LED fitting truss mounted type luminaire with Dicast aluminium body , IP 65, having not less than 11000 system Lumens output with system wattage not more than 140 watts, colour temperature not less than 6500K, inbuilt surge protection not less than 5 KV etc complete including necessary fasteners / clamps, bolts,washers,nuts etc as required. (for Integrated Complex Batminton Court)	20	Nos

2	Supply of LOW bay LED fitting surface mounted type luminaire with Di cast aluminium/ CRCA sheet steel body , IP 65, having not less than 8000 system Lumens output with system wattage not more than 80 watts, colour temperature not less than 5700 K, inbuilt surge protection not less than 5 KV etc complete including necessary fasteners / clamps, bolts,washers,nuts etc as required. (Integrated Complex (batminton court))	4	Nos
3	Supplying of 3W LED modular Foot light fitting suitable for operation on 230V, 50Hz, A.C supply including modular box, cover plate, connections etc. complete as required.	40	Nos
4	Supplying of 600 mm X 600 mm LED Green Center Recess mounted type luminaire with extruded aluminium/ white powder coated CRCA housing having not less than 3000 system lumens output with system wattage not more than 36 watts, colour temperature not less than 5700 k / 6500K and with curvilinear reflector for uniform flow of light around the central lighting core, inbuilt surge protection not less than 2 KV etc complete as required. (Auditorium of Intergrated complex)	40	Nos
5	Supply of LED Down light fitting recessed mounting (round type) having colour temperature not less than 3800 K, system lumen output not less than 1500 lumens and system wattage 15 to 20 Watts, CRI not less than 70 made of PVC body/CRCA powder coated body with high transmittance diffuser, in built electronic driver with surge protection not less than 2 KV etc. as required. (Auditorium of Intergrated complex)	30	Nos
6	Supply of integrated LED batten light fitting, 1200 mm, having colour temperature not less than 5700K,not less than 1600 system lumen output and 18 to 20 wattage, CRI not less than 70 made of CRCA powder coated body with high transmittance diffuser, replaceable electronic driver with surge protection not less than 2 KV etc. as required.	143	Nos
7	Supplying of 600 mm X 600 mm LED surface mounted type luminaire with extruded aluminium/ CRCA housing having not less than 3000 system Lumens output with system wattage not more than 36 watts, colour temperature not less than 6500K, inbuilt surge protection not less than 2 KV etc complete as required.	157	Nos
8	Supply of LED light fitting Surface mounting (round type) having colour temperature not less than 5700K, system lumen output not less than 960 lumens and system wattage 10 to 12 Watts, CRI not less than 70 made of PVC body/CRCA powder coated body with high transmittance diffuser, in built electronic driver with surge protection not less than 2 KV etc. as required.	420	Nos