

**Details of Individual Cleanrooms - Table A-1**

Project: Cleanrooms Facility for Semiconductors Research

Clean Rooms Facility from IZO 4 : 9 :System

Quotation: BADRY CRT Quote No. 16201-00, Rev 00 - April 2021

(Mech., Elec. & Infra.) - Main Contractor :Client

S.N	Space Ref	in PART	Space Name	Classification		Space Operation	Dimensions M			Dimensions Ft			Space Area M <sup>2</sup>	Space Area Ft <sup>2</sup>	Space Volume M <sup>3</sup>	Space Volume Ft <sup>3</sup>
				ISO	CLASS		L	W	H	L	W	H				
1	EN	Part 1	Facility Entrance	8	100,000	Clean Area Entrance	6	3	3	19.7	9.84	9.84	18	194	54	1,907
2	GR	Part 1	Changing Room	8	100,000	Gowning Area	7	5	3	23	16.4	9.84	35	377	105	3,709
3	AL1	Part 1	Clean Corridor 1	7	10,000	Air Lock Area 01	3	3	3	9.84	9.84	9.84	9	97	27	954
4	WA1	Part 1	Working Area 1	6	1,000	LAB Process Area 1	15	11	3	48.4	36.1	9.84	162.25	1,747	486.75	17,192
5	GR	Part 1	Gas Room	7	10,000	Gas & Service Room	6	5	3	19.7	16.4	9.84	30	323	90	3,179
6	YR1	Part 1	Yellow Room 1	5	100	YR 1 for Electronics	6	8	3	19.7	26.2	9.84	48	517	144	5,086
7	AL2	Part 1	Clean Corridor 2	7	10,000	Air Lock Area 02	6	3	3	19.7	9.84	9.84	18	194	54	1,907
8	LAB1	Part 2	Clean Room Lab 1	4	10	CR Main LAB	6	11	3	19.7	36.1	9.84	66	710	198	6,993
9	WA2	Part 2	Working Area 2	6	1,000	LAB Process Area 2	6	11	3	19.7	36.1	9.84	66	710	198	6,993
10	YR2	Part 2	Yellow Room 2	5	100	YR 2 for Electronics	6	11	3	19.7	36.1	9.84	66	710	198	6,993
11	RL	Part 2	Research Lab	6	1,000	Research Lab	6	11	3	19.7	36.1	9.84	66	710	198	6,993
12	SR	Part 2	Student Lounge	7	10,000	Student Classroom	6	11	3	19.7	36.1	9.84	66	710	198	6,993
13	AP1	Part 1	Aisle Path 1	9	1,000,000	Surrounding Clean Area	30	2	3	98.4	6.56	9.84	60	646	180	6,358
14	AP2	Part 2	Aisle Path 2	9	1,000,000	Surrounding Clean Area	30	2	3	98.4	6.56	9.84	60	646	180	6,358
<b>S1</b>	<b>CRF</b>	<b>CR-SC, Parts 1,2</b>		<b>As Above</b>		<b>Semiconductors LAB CR</b>	<b>Total CR Facility</b> Without Aisles						<b>650</b>	<b>7,000</b>	<b>1,951</b>	<b>68,900</b>