

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

Distribution List for Cleanroom Construction Work Responsibilities
Contract Matrix; Table M-1

S.N	Cleanroom Construction Work Item	Not Required	Client Provide	Third Party "Out Scope"	BADRY Providing	
					by BADRY	BADRY Department
1	Land, Road to Site	X				
2	Land Site Facilities	X				
3	Land Site Infrastructure	X				
4	Land Grounds, Foundation, Piling	X				
5	Facility Steel Structure Works		✓			Option by BADRY BSS
6	Facility Building and Civil Works		✓			
7	CR Utilities Source		✓			
8	CR Walling / Ceiling - System				✓	Mainly, BADRY CRT
9	CR Flooring System				✓	Mainly, BADRY CRT
10	CR Arch. Painting & Antistatic				✓	Mainly, BADRY CRT
11	CR Doors & Windwos				✓	Mainly, BADRY CRT
12	HVAC Ducting & Outlets				✓	Mainly, BADRY HVAC
13	HVAC System & Equipments				✓	Mainly, BADRY HVAC
14	Fine Filtration System				✓	Mainly, BADRY HVAC
15	Electrical & Power System				✓	Mainly, BADRY MEP
16	Emergency Power (DG, UPS)				✓	Mainly, BADRY MEP
17	Artificial Illumination & Lighting				✓	Mainly, BADRY LPC
18	Communication (TEL, DATA, PA)				✓	Mainly, BADRY SYS
19	Access Control, Security System				✓	Mainly, BADRY SYS
20	CCTV & Camera System				✓	Mainly, BADRY CCTV
21	Fire Detection & Fighting Systems				✓	Mainly, BADRY FFS
22	GAS, CDA & St. St. Pipelines				✓	Mainly, BADRY MEP
23	DI Water System				✓	Mainly, BADRY MEP
24	Drainage System				✓	Mainly, BADRY MEP
25	Waste Water Treatment				✓	Mainly, BADRY MEP
26	CR Testing & Commissioning				✓	Mainly, BADRY CRT
27	CR Validation / Protocol				✓	Mainly, BADRY CRT
28	CR BMS System				✓	Mainly, BADRY BMS
29	CR Automation / SCADA				✓	Mainly, BADRY SCADA
30	LAB Equipment Installation				✓	Mainly, BADRY CRT
31	Training & 2Y Warranty				✓	Mainly, BADRY CRT
32	CR Furniture Supplying			✓		
33	LABs Equipment Supplying			✓		
34	Quality / ISO Certification			✓		
35	2 Years Maintenance Manpower		✓			Option by BADRY CRT
36	Spare-Parts for Maintenance		✓			