

## **Bio-Lab Questionnaire**

In order to prepare an estimate for Bio-Lab construction, we need the following information:

### **Office Area**

1. Please specify how many and what size: Office, Conference room, Reception/Waiting area, Copy/Fax Room, Open Office Area (Include size and quantity of cubicles), Storage, Administration Support, Library and File Server.

### **Support Area**

2. Please indicate if you require any of the following: Lockers, Baths, Showers (M/F), Break/Lunch room, Shipping/Receiving and Warehouse area.

### **Lab Area**

3. Please indicate if you require any of the following: Lab(s), Tissue Culture, Warm/Cold Rooms, Dark Room, Heavy Equipment, Glass wash, Animal Rooms, Prep Room, Clean Room, Hoods (vented to roof or laminar).
4. What is Bio-Lab classification: BL-1, BL-2, BL-3 or BL-4. If the lab is to be located in Woburn, will you require Bio-Lab Oversight Committee approvals?
5. You may require MWRA sewer discharge permit approval.
6. Will you have DI and/or RO water? Will it be processed through acid neutralization tanks or removed off site by a hazardous waste company.

### **Finishes**

7. Please provide material and finish specifications for any of the following items required: sheet vinyl flooring, repainting of walls with epoxy paint (or metal/plastic wall panels), vinyl faced ceiling tiles, gasketed grid and/or clips, lights, etc. and which room(s) it applies to.
8. Note the amount of benchwork required, reagent shelving, sinks (type, size and location), counter type (resin, stainless steel or plastic laminate), desk carrels, outlet requirements, etc.
9. Specialized security system?

### **Chemicals**

10. Please indicate: Quantity of acids, bases and organics in pounds per gallon. Include classification and flashpoint of each material to be used.
11. What gases will be required in the lab process? Will vacuum or compressed air be required?
12. Will any storerooms need to be rated? What will be stored?
13. Will solvent cabinets be required? With fume hood or separate.

### **Fire Protection**

14. Emergency/Safety Showers/eye wash station locations?
15. Exit lights, alarm system, detectors, gamewell and knoxbox.
16. Emergency gas shut-off required to benchwork or equipment.

### **Utilities**

17. Service required; volts, amps, phase. A/C, heat or HEPA filter system. Make-up air system-which areas? Specialty outlets for equipment (include volt, amps, NEMA no. for plug, is connection hardwired, does connection need to be grounded or have isolated ground and wire configuration.