

Zone

Pharmaceutical

Services Provided

Process Piping and Plumbing

Completion Date

Current

Architect

DGA

Mechanical Contractor

Murray Company

Bionova Scientific

Fremont, California



Image credit: BioTech2016

Bionova Scientific is constructing a new state-of-the-art biologics manufacturing facility (Single-use Bioprocess Platform) to support the clinical manufacturing of bulk drug substances, with the potential to support commercial launch manufacturing. Pragmatic Professional Engineers has provided plumbing and process piping engineering and design services for this manufacturing space.

Compressed Dry Air, Oxygen, Carbon Di oxide, Nitrogen and Process Waste Systems have been provided to serve the bioreactors. Production and distribution of Purified water has also been designed. In addition, waste and vent systems, Domestic and non potable water, tepid water for emergency fixtures have been provided. Existing Natural gas system has been extended to accommodate two new 780 MBH boilers.

Pragmatic Professional Engineers has thoroughly assisted Bionova Scientific in all the stages of Production, Purification and Storage.

East Bay

870 Harbour Way South | Richmond, California

Silicon Valley

1885 Concourse Drive | San Jose, California

Asia-Pacific Region

540 Manawai Street | Kapolei, Hawaii