

The gas pipe in our laboratory was damaged in a burglary and needs replacement and new gas pipelines for the research lab.

Pre-qualification requirements: The bid must be the official appointed supplier of the service. No sub-contracting or third party supplier will be accepted.

Specification	Specification description
Pre-requisite	
Manifold: 2-Cylinder manual dual stage changeover manifold with flexible SS hoses, Isolation and vent valve.	New gas manifolds for He, N2 (sample evaporation and analytical), New gas manifolds for N2 Sample evaporation New gas manifolds for CO2 Incubator
Regulator	Dual stage regulators at the manifold station
Purge port	Purge port on each manifold to allow impurities to be removed from the line after cylinder changes.
Tubing	Tubing- 316 SS tubing 1/4" for high purity gases with exceptional corrosion resistance, durable, leak-free performance and good structural integrity.
Piping	Piping end-to-end for the Helium and Nitrogen going to the GC-MS Piping end-to-end for the N2 going to sample evaporation on ground floor Piping end-to-end for the CO2 gas going to incubators on ground floor Piping from manifold to entry to lab for N2 for sample evaporation on top floor
Capping	Capping all unused lines and removing bent/damaged lines.
Ball valve	Ball valve (69 bar), 1/4" tube ends
Extras	Includes all cost for additional fittings, valves and regulators for installation Labour to install all new items, remove damaged pipes and replace with new items Certificate of compliance Legislated signage for gas cylinders and gas cages Leak detectors
Experience	More than 2 years
Briefing	Onsite evaluation before quoting