

## BOQ

### Sub-1. Helium gas recovery piping/manifold in Dr. Ananth Venkatesan's New at IISER Mohali.

S.No.	Description of item	Qty	Unit	Rate	Amount
1	P/f of flow meter with inlet & outlet connection fittings. Make: Elster Model: BK-G6MT Q Max: 10m <sup>3</sup> /Hr Q Min: 0.06m <sup>3</sup> /Hr P Max: 0.5 bar tm: 25°C-55°C tg: 10°C-40°C u max: 24 vdc I max: 50 mA P max: 0.25W	1	Nos		
2	P/f of speedy valve with inlet & outlet connection accessories. SP 25 KN 9 bar max. V-6, Sr.No.14602786 Make: Edwards UK	1	Nos		
3	Copper pipe 18 gauge wall thickness heavy duty.	20	Rmt		
4	Copper Tee bend 18 gauge heavy duty, Copper bend 18 gauge heavy duty, Copper socket 18 gauge heavy duty.	15	Nos		
5	SS ball valve 1" size, Make: Emolee lite or equivalent.	8	Nos		
6	SS ball valve 3/4" size. Make: Emolee lite or equivalent.	8	Nos		
7	SS ball valve 1/4" with step nozzle. Make: Emolee lite or equivalent.	6	Nos		
8	Brass connector size 1" one side male thread and one side plane with hexagonal step.	16	Nos		
9	Brass connector size 3/4" one side male thread and one side plane with hexagonal step.	16	Nos		
10	SS stub flange strate pice (One side stub flange & one side plane) size 1"x3" with clamp & rubber gasket.	8	Nos		
11	SS stub flange strate pice (One side stub flange & one side plane) size 3/4"x3" with clamp & rubber gasket.	8	Nos		
12	SS flexible hose high quality both ends stub flange with clamp & rubber gasket size 1"x3m.	2	Nos		
13	SS flexible hose high quality both ends stub flange with clamp & rubber gasket size 3/4"x3m.	2	Nos		
14	Brass globe valve size 1" heavy duty. Make: Sant/ Rapid cool.	1	Nos		
15	NRV spring loaded diaphrame type size 1" heavy duty. Make: Sant/ Rapid cool.	1	Nos		
16	Cleaning oil line with vaccum pump (oil free) to attain vaccum of 740-760mm.	LS			
	Total				

Contractor