IISER Mohali is inviting quotes for sputtering targets, evaporation materials, boat and heaters for thermal evaporation.

Please send the quotes to reach

Assistant Registrar

Stores & Purchase Section

IISER Mohali, Knowledge city, Sector 81, SAS Nagar, Manauli PO 140306

Email: stores@iisermohali.ac.in

mukeshkr@iisermohali.ac.in

The specifications for the same are as listed below. Please give compliance for the specifications.

1. Materials with specified purity or above will be preferred.
2. Thickness of the materials can be less or more depending upon the price.
3. MSDS should be provided.
4. **Certification of purity must be provided.**
5. We will choose to order parts of the quoted materials depending on price.
6. We may divide order based on cost of shipping and availability of materials.

Specifications for the items:

S. No.	Material	Target size	Purity	Form	Quantity
Sputtering Targets					
1.	Germanium (Ge)	2.00" Dia. X 0.250" Thick	99.9%	Sputtering target	1
2.	Niobium (Nb)	2.00" Dia. X 0.250" Thick	99.99%	Sputtering target	1
3.	Permalloy ($Ni_{80}Fe_{20}$)	2.00" Dia. X less than 1mm thick	99.9%	Sputtering target	1
4.	Gold/Palladium (Au/Pd 60/40 WT %)	2.00" Dia. X 0.125" Thick and 2.00" Dia. X 0.250" Thick	99.9%	Sputtering target	1 (each)
5.	Aluminium (Al)	2.00" Dia. X 0.250" Thick	99.99%	Sputtering target	1
6.	Copper (Cu)	2.00" Dia. X 0.250" Thick	99.99%	Sputtering target	1
7.	Cobalt (Co)	2.00" Dia. X less than 1mm Thick	99.95%	Sputtering target	1
8.	Gold (Au)	2.00" Dia. X 0.063" Thick	99.999%	Sputtering target	1
Evaporation Pellets/Wires					
7.	Permalloy ($Ni_{80}Fe_{20}$)	2.00" Dia. x 0.250" Thick	99.9%	Preferably pellet otherwise wire	25-50gms
8.	Gold/Palladium (Au/Pd 60/40 WT %)	1/4" DIAMETER X 1/4" LONG or 1/8" DIAMETER X 1/8" LONG	99.9%	Preferably pellet otherwise wire	10gms
9.	Gold (Au)	1/8" DIAMETER X 1/8" LONG	99.999%	Pellet & wire	25gms
10.	Cobalt (Co)	1/4" DIAMETER X 1/4" LONG	99.95%	Pellet/wire	50gms
11.	Titanium (Ti)	1.0mm Dia.	99.98%	Wire	1m
12.	Chromium	Chromium-Plated Tungsten Rods		Rod	15 pieces
Boat/Heaters for Thermal evaporation					

	Decription	Dimension	Volt	Amps	watts	temp	Quantity
13.	Alumina coated Tungsten Dimpled Boat	1/2" width X 4" LONG	1.17	125	146	1200 ^{0}C	10
14.	Alumina coated basket heaters	0.575"height X 0.420" width X 4" LONG	6.9	39	272	1475 ^{0}C	10