

Procurement Plan (list of items costing > Rs. 10 lakhs)

Year 2021-22

Sr. No.	Item description	Approx quantity	Estimate (Rs. In Lakhs)
1.	Control System for lab irradiators	20 No.	15.00
2.	Access control System for ISOMED Plant	1 Set	11.00
3.			
4.	TSH IRMA BULK REAGENTS	960 kits	23.00
5.	Capsules for radiography sources	7500 nos.	36.00
6.	W-91 Pencil	1000 nos.	25.00
7.	Co-59 slugs	100 kg	60.00
8.			
9.	Hand held Nuclear Isotope Identifier	01 nos.	25.00
10.	Secondary Standard dosimeter	02 nos.	60.00
11.	Electronic Pocket Dosimeter	40 nos.	15.00
12.	Network Accessories(server, switches etc.)	1 Lot	15.00
13.	Upgradation of Cyber Security System, (firewalls an network monitoring devices)	1 Lot	40.00
14.	Radiochemicals (¹³¹ I, ¹⁷⁷ Lu, ⁹⁹ Mo), speciality peptides (DOTATATE, PSMA-617, PSMA-11 etc.) & other biochemical (mIBG) for production & supply of radiopharmaceuticals	¹³¹ I - ~ 200-250 Ci ¹⁷⁷ Lu 30-40 Ci ⁹⁹ Mo ~ 500 Ci DOTATATE/PSMA 200-250 mg each, mIBG ~ 100 mg	1250.00
15.	5 types lead pots: 10000 to 15000 Nos 2 types HDPE buckets: 10000-15000 Nos 4 types EPS moulds: 10000 to 15000 Nos. EPS box for MIBG: 1500 Nos Various types cardboard boxes: 5000 Nos.	one lot	123.00
16.	Tritium filled light sources	50000 nos	32.00
17.	HPLC columns	03 nos	11.00
18.	³² P-orthophosphoric acid	6 Curie	18.5
19.	Beta TLC Scanner	1 No.	33.00
20.	HPLC system	1 No.	20.00
21.	Luminometer	1 no.	15.00
22.	Tritium monitors	02	60.00
23.	Radiation resistant Camera system	1 No.	90.00
24.	Enriched Zinc-68 Zinc oxide for production of Ga-68	25 GRAM (element weight)	20.00
25.	Enriched Thallium-203 for production of Tl-201	50 GRAM (element weight)	100.00
26.	ABX make complete set of Consumables (IFP, Reagents and Ancillaries)	300 sets	84.00
27.	SYNTHERA module and associated control systems	1 set	87.00
28.	Spare parts for PET Target system (Electronics/ mechanical components.	10 set of each spare.	11.00
29.	O-18 enriched (≥ 97%) water	700 gm	14.00

Procurement Plan (list of items costing > Rs. 10 lakhs)

Year 2022-2023

Sr. No.	Item description	Approx quantity	Estimate (Rs. In Lakhs)
1.	IT related Systems-hardware and software	1 Set	15.00
2.	Gamma Chamber 5000 – 3 nos. & Blood Irradiator 2000 – 5 nos.	8 units	86.00
3.	TSH IRMA BULK REAGENTS	900 kits	25.00
4.	Battery operated Fork-lift	1 No.	15.00
5.	Electrometer with ion chamber	2 nos.	15.00
6.	Waste Disposal Cask	04 nos.	30.00
7.	Waste storage cask	04 nos.	30.00
8.	COF-240 Flask	02 Nos.	15.00
9.	W-91 & BC-188 Pencils	1000 nos	150.00
10.	Absorber rod Flask with cage, lifting frame, dollies (3 meter absorber rod).	02 nos.	105.00
11.			
12.	Network Accessories(server, switches etc.)	1 Lot	20.00
13.	Integrated Application Software System for BRIT	1 each	150.00
14.	Radiochemicals (¹³¹ I, ¹⁷⁷ Lu, ⁹⁹ Mo), speciality peptides (DOTATATE, PSMA-617, PSMA-11 etc.) & other biochemical (mIBG) for production & supply of radiopharmaceuticals	¹³¹ I - ~ 200-250 Ci ¹⁷⁷ Lu 30-40 Ci ⁹⁹ Mo -500 Ci DOTATATE/PSMA 200-250 mg each mIBG ~ 100 mg	1250.00
15.	5 types lead pots: 10000 to 15000 Nos 2 types HDPE buckets: 10000-15000 Nos 4 types EPS moulds: 10000 to 15000 Nos. EPS box for MIBG: 1500 Nos Various types cardboard boxes: 5000 Nos.	one lot	135.00
16.	³² P-orthophosphoric acid	6 Curie	22.00
17.	HPGe detector	1 set	50.00
18.	PET Hotcells	2 Nos	300.00
19.	SPECT Hotcells	3 Nos	500.00
20.	Autoclave	2 Nos	50.00
21.	ABX make complete set of Consumables (IFP, Reagents and Ancillaries)	450 sets	140.00
22.	PET TERGETRY system for FDG	1 set	100.00
23.	PTS cartridge (1-0.01 EU/mL sensitivity) (10/pack)	40 packets	16.00
24.	Refractive index detector for HPLC	1 No.	11.00

25.	O-18 enriched ($\geq 97\%$) water	1500 gm	33.00
26.	Spare parts for Hotcells	2 set each	25.00
27.	Ancillary production equipments	1 each	20.00
28.	Enriched Xe-124 gas for I-123 production	10 Litre	250.00
29.	Equipment for large scale production of ^{68}Ge - ^{68}Ga generator	1 set	100.00

Procurement Plan (list of items costing > Rs. 10 lakhs)

Year 2023-2024

Sr. No.	Item description	Approx quantity	Estimate (Rs. In Lakhs)
1.	Control Systems for lab irradiators	20 No.	15.00
2.	Gamma Chamber 5000 – 3 nos. & Blood Irradiator 2000 – 3 nos.	6 nos.	66 .00
3.	TSH IRMA BULK REAGENTS	900 kits	25.00
4.	Co-59 pellets	30 Kg	50.00
5.	VVVF Drives for Induction Motors	20 Nos.	30.00
6.	Upgradation of Unified Threat Management System	1 No	30.00
7.	Upgradation of hardware of Application Servers	1 Lot	25.00
8.	Systems application Software	1 No	30.00
9.	Radiochemicals (^{131}I , ^{177}Lu , ^{99}Mo), speciality peptides (DOTATATE, PSMA-617, PSMA-11 etc.) & other biochemical (mIBG) for production & supply of radiopharmaceuticals	^{131}I - ~ 200-250 Ci ^{177}Lu ~30-40 Ci ^{99}Mo ~ 200-250 Ci DOTATATE/PSMA 200-250 mg each mIBG ~ 100 mg	1000.00
10.	5 types lead pots: 10000 to 15000 Nos 2 types HDPE buckets: 10000-15000 Nos 4 types EPS moulds: 10000 to 15000 Nos. EPS box for MIBG: 1500 Nos Various types cardboard boxes: 5000 Nos.	one lot	150.00
11.	^{32}P -orthophosphoric acid	6 Curie	26.00
12.	ABX make complete set of Consumables (IFP, Reagents and Ancillaries)	500 sets	170.00
13.	Liquid targetry for Cyclone 30+ Purification + labelling unit	1 set	200.00
14.	PTS cartridge (1-0.01 EU/mL sensitivity) (10/pack)	50 packets	20.00
15.	BET Reagents	150 sets	15.00
16.	O-18 enriched ($\geq 97\%$) water	1500 gm	38.00
17.	Enriched Ni-64 for production of Cu-64	2000 gm	80.00

Procurement Plan (list of items costing > Rs. 10 lakhs)**Year 2024-2025**

Sr. No.	Item description	Approx quantity	Estimate (Rs. In Lakhs)
1.	Blood Irradiator 2000 – 5 nos.	5 nos.	50.00
2.	TSH IRMA BULK REAGENTS	900 kits	25.00
3.	Iridium pellets	20000 nos.	60.00
4.	Test bench for MCB/Relay calibration	01 nos.	15.00
5.	BLC-200 flask	10 Nos.	300.00
6.	Network Accessories (routers, switches, battery, servers, PDU, racks)	1 Lot	30.00
7.	Upgradation of Backbone Infrastructure of Network	1 No	40.00
8.	Radiochemicals (¹³¹ I, ¹⁷⁷ Lu), ⁹⁹ Mo) speciality peptides (DOTATATE, PSMA-617, PSMA-11 etc.) & other biochemical (mIBG) for production & supply of radiopharmaceuticals	¹³¹ I - ~ 200-250 Ci ¹⁷⁷ Lu 30-40 Ci, ⁹⁹ Mo - 200-250 Ci DOTATATE/PSM A 200-250 mg each mIBG ~ 100 mg	950.00
9.	5 types lead pots: 10000 to 15000 Nos 2 types HDPE buckets: 10000-15000 Nos 4 types EPS moulds: 10000 to 15000 Nos. EPS box for MIBG: 1500 Nos Various types cardboard boxes: 5000 Nos.	one lot	160.00
10.	³² P-orthophosphoric acid	6 Curie	30.00
11.	ABX make complete set of Consumables (IFP, Reagents and Ancillaries)	500 sets	190.00
12.	PTS cartridge (1-0.01 EU/mL sensitivity) (10/pack)	50 packets	20.00
13.	BET Reagents	200 sets	20.00
14.	O-18 enriched (≥ 97%) water	2000 gm	52.00
15.	Power supply for electrodeposition of new target	1 unit	30.00
16.	Reagents for electrodeposition and chemical separation	200 sets	30.00

Procurement Plan (list of items costing > Rs. 10 lakhs)**Year 2025-2026**

Sr. No.	Item description	Approx quantity	Estimate (Rs. In Lakhs)
1.	Control Systems for lab irradiators	20 No.	15.00
2.	Gamma Chamber 5000 – 3 nos. & Blood Irradiator 2000 – 3 nos.	8 units	86.00
3.	TSH IRMA bulk reagent kits	900 nos	25.00
4.	RC-2, 2A capsules for radiography sources	10000	60.00
5.	Different types of RC capsule	1000 nos. each	25.00

	(RC-1,4,5,7,8,9,10)		
6.	Co-59 slugs	50 Kg	30.00
7.	Co-59 pellets	30 kg	60.00
8.	W-91 & BC-188 Pencils	1000 nos	200.00
9.	Pool Water Cooling & Clean-up System for Old Pool	01 Set each	30.00
10.	Network Accessories (routers, switches, battery, servers, PDU, racks)	1 Lot	50.00
11.	Radiochemicals (¹³¹ I, ¹⁷⁷ Lu), speciality peptides (DOTATATE, PSMA-617, PSMA-11 etc.) & other biochemical (mIBG) for production & supply of radiopharmaceuticals	¹³¹ I - ~ 200-250 Ci ¹⁷⁷ Lu 30-40 Ci DOTATATE/PSM A 200-250 mg each mIBG ~ 100 mg	700.00
12.	5 types lead pots: 10000 to 15000 Nos 2 types HDPE buckets: 10000-15000 Nos 4 types EPS moulds: 10000 to 15000 Nos. EPS box for MIBG: 1500 Nos Various types cardboard boxes: 5000 Nos.	one lot	180.00
13.	³² P-orthophosphoric acid	6 Curie	33.00
14.	ABX make complete set of Consumables (IFP, Reagents and Ancillaries)	500 sets	200.00
15.	PTS cartridge (1-0.01 EU/mL sensitivity) (10/pack)	50 packets	22.00
16.	BET Reagents	200 sets	22.00
17.	O-18 enriched (≥ 97%) water	2000 gm	58.00