

PROCUREMENT PROJECTIONS FOR NEXT 05 YEARS FOR RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES / PP WOVEN SACK BAGS ETC.

ORGANIZATION: BRAHMAPUTRA CRACKER AND POLYMER LIMITED, LEPETKATA, DIBRUGARH, ASSAM

MINISTRY / DEPARTMENT: MINISTRY OF PETROLEUM & NATURAL GAS

FINANCIAL YEAR: 2026-27

Sl. No.	RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES NAME	BROAD SPECIFICATION PARAMETERS	QUANTITY	ACCOUNTING UNITS (UOM)	TOTAL VALUE (₹ in Crore) per Year	USER DEPARTMENT / UNIT
1	PP CATALYSTS	PP CATALYSTS USED IN THE POLYPROPYLENE UNIT AT BCPL PLANT	3220	KG	9.8	S&L / PP
2	PE CATALYSTS	PE CATALYSTS USED IN THE HDPE/LLDPE UNIT AT BCPL PLANT	24000	KG	35.24	S&L / LLDPE / HDPE
3	TEAL	TEAL IS USED AS CO CATALYSTS IN LLDPE/HDPE AND PP UNIT	84500	KG	4.38	S&L / LLDPE / HDPE
4	ATMER	ATMER IS USED AS ANTISTATIC AGENT IN POLYPROPYLENE UNIT	720	KG	0.06	S&L / PP
5	I-168	I-168 IS USED AS ANTIOXIDANT/PROCESS STABILIZER IN LLDPE/HDPE & PP UNIT	270000	KG	9.21	S&L / LLDPE / HDPE / PP
6	I-1010	I-1010 IS USED AS ANTIOXIDANT/LONG TERM HEAT STABILIZER IN LLDPE/HDPE & PP UNIT	115000	KG	4.23	S&L / LLDPE / HDPE / PP
7	DIHYDROTALCITE	DIHYDROTALCITE IS USED AS ACID SCAVENGER IN POLYPROPYLENE UNIT	12250	KG	0.49	S&L / PP
8	ANTIBLOCK SILICA FOR PP	ANTIBLOCK SILICA FOR PP IS USED AS ANTIBLOCKING AGENT IN POLYPROPYLENE UNIT	32500	KG	0.78	S&L / PP
9	ANTIBLOCK SILICA FOR LLDPE	ANTIBLOCK SILICA FOR PP IS USED AS ANTIBLOCKING AGENT IN LLDPE/HDPE UNIT	520000	KG	7.99	S&L / LLDPE / HDPE
10	BUTENE-1	BUTENE-1 IS USED AS CO-MONOMER IN THE LLDPE/HDPE POLYMER PRODUCTION	23000	MT	286.61	S&L / LLDPE / HDPE
11	SLIP AGENT	SLIP AGENT IS USED AS A SLIP AGENT IN LLDPE/HDPE & PP UNIT	278250	KG	15.28	S&L / LLDPE / HDPE / PP
12	RADIANT COIL & TUBES FOR SRT-VI	RADIANT COIL & TUBES FOR SRT-VI IN THE ETHYLENE CRACKER UNIT	2 sets of radiant coil assemblies	NOS.	72.33	S&L / ECU

PROCUREMENT PROJECTIONS FOR NEXT 05 YEARS FOR RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES / PP WOOVEN SACK BAGS ETC.

ORGANIZATION: BRAHMAPUTRA CRACKER AND POLYMER LIMITED, LEPETKATA, DIBRUGARH, ASSAM

MINISTRY / DEPARTMENT: MINISTRY OF PETROLEUM & NATURAL GAS

			and 35 spares radiant tubes			
13	CAUSTIC SODA LYE (MIN 46% CONC)	USED IN DM WATER PLANT FOR SAC COLUMN REGENERATION	1600000	KG	4.76	S&L / DM WATER
14	HYDROCHLORIC ACID (MIN 30% CONC)	USED IN DM WATER PLANT FOR SBA COLUMN REGENERATION	1300000	KG	0.6	S&L / DM WATER
15	SULFURIC ACID (MIN 98% CONC)	USED IN COOLING TOWERS AND ECU	240000	KG	0.35	S&L / ECU
16	DI-AMMONIUM PHOSPHATE	USED IN ETP FOR DEWAGE TREATMENT	5500	KG	0.0575	S&L / ETP
17	FERRIC ALUM (GRADE-I)	USED IN RWTP FOR WATER TREATMENT	56000	KG	0.13	S&L / RWTP
18	POLY ALUMINIUM CHLORIDE	USED IN RWTP FOR WATER TREATMENT	36000	KG	0.15	S&L / RWTP
19	DE-OILING POLYELECTROLYTE	USED IN ETP AS A FLOCCULANT FOR SEWAGE TREATMENT	6000	KG	0.1	S&L / ETP
20	DE-WATERING POLYELECTROLYTE-BIO	USED IN ETP AS A FLOCCULANT FOR SEWAGE TREATMENT	800	KG	0.021	S&L / ETP
21	UREA	USED IN ETP FOR SEWAGE TREATMENT	11000	KG	0.071	S&L / ETP
22	DE-WATERING POLYELECTROLYTE-OILY	USED IN ETP FOR SEWAGE TREATMENT	1900	KG	0.035	S&L / ETP
23	HYDRAZINE HYDRATE	USED IN CPP AS OXYGEN SCAVENGER IN BOILER FEED WATER	400	LTR	0.015	S&L / CPP
24	TRI SODIUM PHOSPHATE	USED IN CPP FOR MAINTAINING STEAM QUALITY IN BOILER FEED DRUM	4500	KG	0.03	S&L / CPP
25	AMMONIA (10% CONC)	USED IN CPP TO MAINTAIN PH OF BOILER FEED WATER	8700	LTR	0.025	S&L / CPP
26	TRI ETHYLENE GLYCOL	USED IN GDU FOR MOISTURE REMOVAL	29000	KG	0.48	S&L / GDU
27	MORPHOLINE	USED IN DM WATER PLANT FOR MAINTAINING PH OF DM WATER	400	LTR	0.008	S&L / DM WATER

PROCUREMENT PROJECTIONS FOR NEXT 05 YEARS FOR RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES / PP WOOVEN SACK BAGS ETC.

ORGANIZATION: BRAHMAPUTRA CRACKER AND POLYMER LIMITED, LEPETKATA, DIBRUGARH, ASSAM

MINISTRY / DEPARTMENT: MINISTRY OF PETROLEUM & NATURAL GAS

28	AMINE	USED IN GSU FOR REMOVAL OF OXYGEN FROM THE ABSORPTION TOWER	60000	KG	1.5	S&L / GSU
29	ANTIFOAM	USED IN GSU IN ABSORPTION TOWER FOR PREVENTING FOAMING	400	KG	0.035	S&L / GSU
30	DE-WATERING POLYELECTROLYTE-FOR RWTP	USED IN RWTP AS A FLOCCULANT FOR RAW WATER TREATMENT	200	KG	0.01	S&L / RWTP
31	POLYELECTROLYTE-FOR RWTP	USED IN RWTP AS A FLOCCULANT FOR RAW WATER TREATMENT	2500	KG	0.12	S&L / RWTP
32	INDUSTRIAL SALT (GRADE-I)	USED IN DM WATER PLANT FOR RINSING OF SBA RESINS	12000	KG	0.008	S&L / DM WATER
33	POLYMER INHIBITOR	CONTROL POLYMER FORMATION AND FOULING	36000	KG	1.02	S&L / ECU
34	DMDS	REDUCE COKE FORMATION AND CO DURING CRACKING	70000	KG	2.28	S&L / ECU
35	LDO	MANTAINING VISCOSITY	300	KL	1.68	S&L / ECU
36	METHANOL	USED AS CHEMICAL IN ECU, IOP ETC	40	MT	0.152	S&L / ECU
37	MOLECULAR SEIVES / INERT BALL / (ADSORBENT) / CATALYTS FOR BUTENE-1 TREATER	MOLECULAR SEIVES ARE USED FOR ADSORBING AND TREATING THE IMPURITIES AT LLDPE/HDPE UNIT	4860	KG	0.27	CHEMICAL / LLDPE / HDPE
		INERT BALL, DENSTONE D-57,1/2IN	6.00	FT3		
		INERT BALL, DENSTONE D-57,1/4IN	2.00	FT3		
		INERT BALL, DENSTONE D-57,1/8IN	4.00	FT3		
38	MOLECULAR SEIVES / INERT BALL / (ADSORBENT) / CATALYTS FOR ETHYLENE TREATER (VV-931A)	CO / O2 / C2H2, REMOVAL CATALYST	6480	KG	3.06	CHEMICAL / ECU
		DENSTONE D99 1" SUPPORT BALLS	11	FT3		
		INERT BALL (BOTTOM LOWSET) DENSTONE D-57 1/4"	6	FT3		
		INERT BALL (TOP) DENSTONE D-57 1/2" OR EQ.	6	FT3		
39		ADSORBENT H2S/CO2 REMOVAL OF VV-932A/B	22950	KG	1.98	

PROCUREMENT PROJECTIONS FOR NEXT 05 YEARS FOR RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES / PP WOVEN SACK BAGS ETC.

ORGANIZATION: BRAHMAPUTRA CRACKER AND POLYMER LIMITED, LEPETKATA, DIBRUGARH, ASSAM

MINISTRY / DEPARTMENT: MINISTRY OF PETROLEUM & NATURAL GAS

	MOLECULAR SEIVES/INERT BALL / (ADSORBENT) / CATALYTS FOR ETHYLENE TREATER (VV-932 A)	ADSORBENT CH3OH/NH3/ACETONE OF VV-932A/B	5805	KG		CHEMICAL / ECU
		ADSORBENT H2O REMOVAL OF VV-932A/B	2430	KG		
		INERT BALL (TOP) DENSTONE D-57 1/2" OR EQ.	38	FT3		
		INERT BALL (BOTTOM) DENSTONE D-57 1/8"	22	FT3		
		INERT BALL (BOTTOM) DENSTONE D-57 1/8	22	FT3		
40	117-VV-971 HYDROGEN MERCURY TRAP ADSORBENT AND INERT BALL	GB 562 S ADSORBENT	159	KG	-	CHEMICAL / LLDPE / HDPE / ECU
		INERT BALL (TOP)	0.0027	CUM		
		INERT BALL (BOTTOM)	0.0014	CUM		
		INERT BALL (BOTTOM LOWEST)	0.0023	CUM		
41	117-VV-972 HYDROGEN OXYGEN TREATERS ADSORBENT AND INERT BALL	GB 620 ADSORBENT	136	KG	-	CHEMICAL / LLDPE / HDPE / ECU
		INERT BALL (TOP)	0.0027	CUM		
		INERT BALL (BOTTOM)	0.0014	CUM		
		INERT BALL (BOTTOM LOWEST)	0.0023	CUM		
42	117-VV-973 HYDROGEN DRYER ADSORBENT AND INERT BALL	ADSORBENT H2O REMOVAL	125	KG	0.09	CHEMICAL / LLDPE / HDPE / ECU
		INERT BALL (TOP)	0.029	CUM		
		INERT BALL (BOTTOM)	0.0148	CUM		
		INERT BALL (BOTTOM LOWEST)	0.0148	CUM		
43	TALC	TALC IS USED IN ENHANCING THE PROPERTIES OF THE POLYMER IN THE RIGIDITY AND STIFFNESS OF POLYMER	50	MT	0.7	CHEMICAL / ECU
44	TRY ETHYLENE GLYCOL (TEG)	TEG IS USED FOR COMPRESSED NATURAL GAS DEHYDRATION IN GAS DEHYDRATION UNIT FOR PIPELEINE REQUIRMENT.	24	MT	0.39	GDU
45	CARBON MOLECULAR SIEVES	CARBON MOLECULAR SIEVES (CMS) IS USED IN NITROGEN GENERATION IN PSA NITROGEN GENERATOR FOR RICH GAS COMPRESSOR SEAL.	2400	KG	0.62	GDU
46	ACTIVATED ALUMINA	ACTIVATED ALUMINA IS USED AS MOISTURE ADSORBENT BED IN PSA NITROGEN GENERATOR.	250	KG	0.02	GDU

PROCUREMENT PROJECTIONS FOR NEXT 05 YEARS FOR RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES / PP WOOVEN SACK BAGS ETC.

ORGANIZATION: BRAHMAPUTRA CRACKER AND POLYMER LIMITED, LEPETKATA, DIBRUGARH, ASSAM

MINISTRY / DEPARTMENT: MINISTRY OF PETROLEUM & NATURAL GAS

47	MOLECULAR SIEVES	MOLECULAR SEIVES ARE USED FOR PLANT AIR DRYING IN TRIDENT MAKE AIR DRYER FOR GENERATING INSTRUMENT AIR.	4800	KG	0.15	GDU
48	ACTIVATED CHARCOAL	ACTIVATED CHARCOAL IS USED IN GLYCOL CHARCOAL FILTER FOR FILTRATION OF GLYCOL IN GAS DEHYDRATION UNIT.	1600	KG	0.02	GDU
49	CORROSION INHIBITOR	CHIMEC 1829 ENW OR NALCO EC1021A	360	KG	0.03	HPG-2
50	CATALYST FOR BUTENE REACTOR	LC 2253	7980	KG	3.09	BUTENE-1
51	TEA, ALKYL ALUMINIUM	TEA	3600	KG	--	BUTENE-1
52	MONO-2 ETHYL HEXYL AMINE	MONO-2 ETHYL HEXYL AMINE	2080	KG	0.07	BUTENE-1
53	PENTANE	PENTANE	70	TON	1.42	BUTENE-1
54	ACTIVATED CARBON	ACTIVATED CARBON FOR ACF AT DM WATER PLANT	9500	KG	0.133	IOPS
55	STRONG BASE ANION EXCHANGE RESIN	STRONG BASE ANION EXCHANGE RESIN IS USED AS RESIN IN THE DM WATER TREATMENT PLANT IN BCPL	9500	LTRS	0.423	IOPS
56	STRONG ACID CATION EXCHANGE RESIN	STRONG ACID CATION EXCHANGE RESIN S RESIN IN THE DM WATER TREATMENT PLANT IN BCPL	8500	LTRS	0.379	IOPS
57	LIQUID NITROGEN	LIQUID NITROGEN WITH O2 CONTENT < 3 PPM	800	MT	1.453	IOPS
58	ACTIVATED ALUMINA	ACTIVATED ALUMINA FOR PPU BEDS OF NITROGEN PLANT	2000	KG	0.028	IOPS
59	C4/C5 REACTOR CATALYST	CATALYST : OLEMAX 350 (SUD-CHEMIE /1.5 MM EXTRUSIONS)	1920	KG	5.466	ECU
		CATALYST : OLEMAX 452 (SUD-CHEMIE /1.6 MM CDS EXTRUSIONS)	1920	KG		
60	ETHYLENE DRYER MOLE SIEVE	MOLECULAR SIEVE, TYPE 3A-EPG, OR EQUIVALENT, SIZE: 1/16" PELLETS	4800	KG	0.162	ECU
61	PROPYLENE DRYER MOLECULAR SIEVE	MOLECULAR SIEVE, TYPE : 3A-EPG(UOP), OR EQUIVALENT, SIZE : 1/16" PELLETS	10800	KG	0.275	ECU

PROCUREMENT PROJECTIONS FOR NEXT 05 YEARS FOR RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES / PP WOOVEN SACK BAGS ETC.

ORGANIZATION: BRAHMAPUTRA CRACKER AND POLYMER LIMITED, LEPETKATA, DIBRUGARH, ASSAM

MINISTRY / DEPARTMENT: MINISTRY OF PETROLEUM & NATURAL GAS

62	AMMONIA GUARD BED	MOLECULAR SIEVE, TYPE: 13X-HP(UOP), OR EQUIVALENT, SIZE: 8 X 12 MESH	37125	KG	0.113	ECU
63	CHLORINE GUARD BED	MOLECULAR SIEVE, TYPE 9139A (UOP) OR EQUIVALENT, SIZE: 5 X 8 MESH	21060	KG	0.328	ECU
64	BFW TREATMENT CHEMICALS & ANTIOXIDENT FOR HPG	OXGEN SCAVENGER	563	KG	0.393	ECU
		PHOSPHATE	1267	KG		
		AMAIN (PH CONTROL)	1408	KG		
		ANTIOXIDENT FOR GASOLINE	3024	KG		
65	25 KG POLYMER PACKAGING BAGS	PP WOVEN SACK BAGS	13500000	NOS.	20.47	PTD
66	MOLECULAR SEIVES / INERT PPU (ADSORBENT) / CATALYTS FOR PROPYLENE TREATERS	MOLECULAR SEIVES ARE USED FOR ADSORBING AND TREATING THE IMPURITIES AT POLYPROPYLENE UNIT	MS: 6000+ Inert Balls: 1100	KG	2.5	PP
67	MOLECULAR SEIVES / INERT PPU / ADSORBENT FOR PROPYLENE DRYERS	MOLECULAR SEIVES ARE USED TO ADSORB MOISTURE AND OTHER POLAR IMPURITIES AT POLYPROPYLENE UNIT	MS: 18000+ Inert balls: 1000	KG	0.600	PP

FINANCIAL YEAR: 2027-28

Sl. No.	RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES NAME	BROAD SPECIFICATION PARAMETERS	QUANTITY	ACCOUNTING UNITS (UOM)	TOTAL VALUE (₹ in Crore) per Year	USER DEPARTMENT / UNIT
1	PP CATALYSTS	PP CATALYSTS USED IN THE POLYPROPYLENE UNIT AT BCPL PLANT	3220	KG	10.29	S&L / PP
2	PE CATALYSTS	PE CATALYSTS USED IN THE HDPE/LLDPE UNIT AT BCPL PLANT	24000	KG	36.99	S&L / LLDPE / HDPE
3	TEAL	TEAL IS USED AS CO CATALYSTS IN LLDPE/HDPE AND PP UNIT	84500	KG	4.599	S&L / LLDPE / HDPE
4	ATMER	ATMER IS USED AS ANTISTATIC AGENT IN POLYPROPYLENE UNIT	720	KG	0.063	S&L / PP

PROCUREMENT PROJECTIONS FOR NEXT 05 YEARS FOR RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES / PP WOVEN SACK BAGS ETC.

ORGANIZATION: BRAHMAPUTRA CRACKER AND POLYMER LIMITED, LEPETKATA, DIBRUGARH, ASSAM

MINISTRY / DEPARTMENT: MINISTRY OF PETROLEUM & NATURAL GAS

5	I-168	I-168 IS USED AS ANTIOXIDANT/PROCESS STABILIZER IN LLDPE / HDPE & PP UNIT	270000	KG	9.67	S&L / LLDPE / HDPE / PP
6	I-1010	I-1010 IS USED AS ANTIOXIDANT/LONG TERM HEAT STABILIZER IN LLDPE/HDPE & PP UNIT	115000	KG	4.23	S&L / LLDPE / HDPE / PP
7	DIHYDROTALCITE	DIHYDROTALCITE IS USED AS ACID SCAVENGER IN POLYPROPYLENE UNIT	12250	KG	0.51	S&L / PP
8	ANTIBLOCK SILICA FOR PP	ANTIBLOCK SILICA FOR PP IS USED AS ANTIBLOCKING AGENT IN POLYPROPYLENE UNIT	32500	KG	0.81	S&L / PP
9	ANTIBLOCK SILICA FOR LLDPE	ANTIBLOCK SILICA FOR PP IS USED AS ANTIBLOCKING AGENT IN LLDPE/HDPE UNIT	520000	KG	8.38	S&L / LLDPE / HDPE
10	BUTENE-1	BUTENE-1 IS USED AS CO-MONOMER IN THE LLDPE/HDPE POLYMER PRODUCTION	23000	MT	300.94	S&L / LLDPE / HDPE
11	SLIP AGENT	SLIP AGENT IS USED AS A SLIP AGENT IN LLDPE/HDPE & PP UNIT	278250	KG	16.04	S&L / LLDPE / HDPE / PP
12	CAUSTIC SODA LYE (MIN 46% CONC)	USED IN DM WATER PLANT FOR SAC COLUMN REGENERATION	1600000	KG	5.1	S&L / DM WATER
13	HYDROCHLORIC ACID (MIN 30% CONC)	USED IN DM WATER PLANT FOR SBA COLUMN REGENERATION	1300000	KG	0.8	S&L / DM WATER
14	SULFURIC ACID (MIN 98% CONC)	USED IN COOLING TOWERS AND ECU	240000	KG	0.41	S&L / ECU
15	DI-AMMONIUM PHOSPHATE	USED IN ETP FOR DEWAGE TREATMENT	5500	KG	0.0613	S&L / ETP
16	FERRIC ALUM (GRADE-I)	USED IN RWTP FOR WATER TREATMENT	56000	KG	0.18	S&L / RWTP
17	POLY ALUMINIUM CHLORIDE	USED IN RWTP FOR WATER TREATMENT	36000	KG	0.17	S&L / RWTP
18	DE-OILING POLYELECTROLYTE	USED IN ETP AS A FLOCCULANT FOR SEWAGE TREATMENT	6000	KG	0.13	S&L / ETP

PROCUREMENT PROJECTIONS FOR NEXT 05 YEARS FOR RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES / PP WOOVEN SACK BAGS ETC.**ORGANIZATION: BRAHMAPUTRA CRACKER AND POLYMER LIMITED, LEPETKATA, DIBRUGARH, ASSAM****MINISTRY / DEPARTMENT: MINISTRY OF PETROLEUM & NATURAL GAS**

19	DE-WATERING POLYELECTROLYTE-BIO	USED IN ETP AS A FLOCCULANT FOR SEWAGE TREATMENT	800	KG	0.04	S&L / ETP
20	UREA	USED IN ETP FOR SEWAGE TREATMENT	11000	KG	0.093	S&L / ETP
21	DE-WATERING POLYELECTROLYTE-OILY	USED IN ETP FOR SEWAGE TREATMENT	1900	KG	0.061	S&L / ETP
22	HYDRAZINE HYDRATE	USED IN CPP AS OXYGEN SCAVENGER IN BOILER FEED WATER	400	LTR	0.033	S&L / CPP
23	TRI SODIUM PHOSPHATE	USED IN CPP FOR MAINTAINING STEAM QUALITY IN BOILER FEED DRUM	4500	KG	0.056	S&L / CPP
24	AMMONIA (10% CONC)	USED IN CPP TO MAINTAIN pH OF BOILER FEED WATER	8700	LTR	0.047	S&L / CPP
25	TRI ETHYLENE GLYCOL	USED IN GDU FOR MOISTURE REMOVAL	29000	KG	0.56	S&L / GDU
26	MORPHOLINE	USED IN DM WATER PLANT FOR MAINTAINING pH OF DM WATER	400	LTR	0.016	S&L / DM WATER
27	AMINE	USED IN GSU FOR REMOVAL OF OXYGEN FROM THE ABSORPTION TOWER	60000	KG	1.5	S&L / GSU
28	ANTIFOAM	USED IN GSU IN ABSORPTION TOWER FOR PREVENTING FOAMING	400	KG	0.05	S&L / GSU
29	DE-WATERING POLYELECTROLYTE-FOR RWTP	USED IN RWTP AS A FLOCCULANT FOR RAW WATER TREATMENT	200	KG	0.002	S&L / RWTP
30	POLYELECTROLYTE-FOR RWTP	USED IN RWTP AS A FLOCCULANT FOR RAW WATER TREATMENT	2500	KG	0.15	S&L / RWTP
31	INDUSTRIAL SALT (GRADE-I)	USED IN DM WATER PLANT FOR RINSING OF SBA RESINS	12000	KG	0.016	S&L / DM WATER
32	POLYMER INHIBITOR	CONTROL POLYMER FORMATION AND FOULING	36000	KG	1.07	S&L / ECU
33	DMDS	REDUCE COKE FORMATION AND CO DURING CRACKING	70000	KG	2.4	S&L / ECU

PROCUREMENT PROJECTIONS FOR NEXT 05 YEARS FOR RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES / PP WOVEN SACK BAGS ETC.

ORGANIZATION: BRAHMAPUTRA CRACKER AND POLYMER LIMITED, LEPETKATA, DIBRUGARH, ASSAM

MINISTRY / DEPARTMENT: MINISTRY OF PETROLEUM & NATURAL GAS

34	LDO	MANTAINING VISCOSITY	300	KL	1.76	S&L / ECU
35	METHANOL	USED AS CHEMICAL IN ECU, IOP ETC	40	MT	0.16	S&L / ECU
36	VV-933 SULPHUR GUARD ADSORBENT	GB 220 ADSORBENT	30209	KG	--	CHEMICAL / LLDPE / HDPE / ECU
37	TRY ETHYLENE GLYCOL (TEG)	TEG IS USED FOR COMPRESSED NATURAL GAS DEHYDRATION IN GAS DEHYDRATION UNIT FOR PIPELEINE REQUIRMENT.	24	MT	0.39	GDU
38	CORROSION INHIBITOR	CHIMEC 1829 ENW OR NALCO EC1021A	360	KG	0.03	HPG-2
39	CATALYST FOR BUTENE REACTOR	LC 2253	7980	KG	3.38	BUTENE-1
40	TEA, ALKYL ALUMINIUM	TEA	3600	KG	--	BUTENE-1
41	MONO-2 ETHYL HEXYL AMINE	MONO-2 ETHYL HEXYL AMINE	2080	KG	0.08	BUTENE-1
42	PENTANE	PENTANE	70	TON	1.55	BUTENE-1
43	ACTIVATED CARBON	ACTIVATED CARBON FOR ACF AT DM WATER PLANT	9500	KG	0.146	IOPS
44	SAND	SAND FOR RWTP & COOLING TOWERS (TOP UP)	70	MT	0.10	IOPS
45	ACTIVATED CARBON	ACTIVATED CARBON FOR ETP (CRWS+OWS+VOC)	30	MT	0.461	IOPS
46	25 KG POLYMER PACKAGING BAGS	PP WOVEN SACK BAGS	13500000	NOS.	22.51	PTD

FINANCIAL YEAR: 2028-29

Sl. No.	RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES NAME	BROAD SPECIFICATION PARAMETERS	QUANTITY	ACCOUNTING UNITS (UOM)	TOTAL VALUE (₹ in Crore) per Year	USER DEPARTMENT / UNIT
1	PE CATALYSTS	PE CATALYSTS USED IN THE HDPE/LLDPE UNIT AT BCPL PLANT	24000	KG	38.76	S&L / LLDPE / HDPE

PROCUREMENT PROJECTIONS FOR NEXT 05 YEARS FOR RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES / PP WOVEN SACK BAGS ETC.

ORGANIZATION: BRAHMAPUTRA CRACKER AND POLYMER LIMITED, LEPETKATA, DIBRUGARH, ASSAM

MINISTRY / DEPARTMENT: MINISTRY OF PETROLEUM & NATURAL GAS

2	TEAL	TEAL IS USED AS CO CATALYSTS IN LLDPE/HDPE AND PP UNIT	84500	KG	4.81	S&L / LLDPE / HDPE / PP
3	ATMER	ATMER IS USED AS ANTISTATIC AGENT IN POLYPROPYLENE UNIT	720	KG	0.066	S&L / PP
4	I-168	I-168 IS USED AS ANTIOXIDANT/PROCESS STABILIZER IN LLDPE/HDPE & PP UNIT	270000	KG	10.13	S&L / LLDPE / HDPE / PP
5	I-1010	I-1010 IS USED AS ANTIOXIDANT/LONG TERM HEAT STABILIZER IN LLDPE/HDPE & PP UNIT	115000	KG	4.65	S&L / LLDPE / HDPE / PP
6	DIHYDROTALCITE	DIHYDROTALCITE IS USED AS ACID SCAVENGER IN POLYPROPYLENE UNIT	12250	KG	0.54	S&L / PP
7	ANTIBLOCK SILICA FOR PP	ANTIBLOCK SILICA FOR PP IS USED AS ANTIBLOCKING AGENT IN POLYPROPYLENE UNIT	32500	KG	0.86	S&L / PP
8	ANTIBLOCK SILICA FOR LLDPE	ANTIBLOCK SILICA FOR PP IS USED AS ANTIBLOCKING AGENT IN LLDPE/HDPE UNIT	520000	KG	8.79	S&L / LLDPE / HDPE
9	BUTENE-1	BUTENE-1 IS USED AS CO-MONOMER IN THE LLDPE/HDPE POLYMER PRODUCTION	23000	MT	315.27	S&L / LLDPE / HDPE
10	SLIP AGENT	SLIP AGENT IS USED AS A SLIP AGENT IN LLDPE/HDPE & PP UNIT	278250	KG	16.80	S&L / LLDPE / HDPE / PP
11	CAUSTIC SODA LYE (MIN 46% CONC)	USED IN DM WATER PLANT FOR SAC COLUMN REGENERATION	1600000	KG	5.1	S&L / DM WATER
12	HYDROCHLORIC ACID (MIN 30% CONC)	USED IN DM WATER PLANT FOR SBA COLUMN REGENERATION	1300000	KG	0.8	S&L / DM WATER
13	SULFURIC ACID (MIN 98% CONC)	USED IN COOLING TOWERS AND ECU	240000	KG	0.41	S&L / ECU
14	DI-AMMONIUM PHOSPHATE	USED IN ETP FOR DEWAGE TREATMENT	5500	KG	0.0613	S&L / ETP
15	FERRIC ALUM (GRADE-I)	USED IN RWTP FOR WATER TREATMENT	56000	KG	0.18	S&L / RWTP

PROCUREMENT PROJECTIONS FOR NEXT 05 YEARS FOR RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES / PP WOOVEN SACK BAGS ETC.**ORGANIZATION: BRAHMAPUTRA CRACKER AND POLYMER LIMITED, LEPETKATA, DIBRUGARH, ASSAM****MINISTRY / DEPARTMENT: MINISTRY OF PETROLEUM & NATURAL GAS**

16	POLY ALUMINIUM CHLORIDE	USED IN RWTP FOR WATER TREATMENT	36000	KG	0.17	S&L / RWTP
17	DE-OILING POLYELECTROLYTE	USED IN ETP AS A FLOCCULANT FOR SEWAGE TREATMENT	6000	KG	0.13	S&L / ETP
18	DE-WATERING POLYELECTROLYTE-BIO	USED IN ETP AS A FLOCCULANT FOR SEWAGE TREATMENT	800	KG	0.04	S&L / ETP
19	UREA	USED IN ETP FOR SEWAGE TREATMENT	11000	KG	0.093	S&L / ETP
20	DE-WATERING POLYELECTROLYTE-OILY	USED IN ETP FOR SEWAGE TREATMENT	1900	KG	0.061	S&L / ETP
21	HYDRAZINE HYDRATE	USED IN CPP AS OXYGEN SCAVENGER IN BOILER FEED WATER	400	LTR	0.033	S&L / CPP
22	TRI SODIUM PHOSPHATE	USED IN CPP FOR MAINTAINING STEAM QUALITY IN BOILER FEED DRUM	4500	KG	0.056	S&L / CPP
23	AMMONIA (10% CONC)	USED IN CPP TO MAINTAIN PH OF BOILER FEED WATER	8700	LTR	0.047	S&L / CPP
24	TRI ETHYLENE GLYCOL	USED IN GDU FOR MOISTURE REMOVAL	29000	KG	0.56	S&L / GDU
25	MORPHOLINE	USED IN DM WATER PLANT FOR MAINTAINING PH OF DM WATER	400	LTR	0.016	S&L / DM WATER
26	AMINE	USED IN GSU FOR REMOVAL OF OXYGEN FROM THE ABSORPTION TOWER	60000	KG	1.5	S&L / GSU
27	ANTIFOAM	USED IN GSU IN ABSORPTION TOWER FOR PREVENTING FOAMING	400	KG	0.05	S&L / GSU
28	DE-WATERING POLYELECTROLYTE-FOR RWTP	USED IN RWTP AS A FLOCCULANT FOR RAW WATER TREATMENT	200	KG	0.02	S&L / RWTP
29	POLYELECTROLYTE-FOR RWTP	USED IN RWTP AS A FLOCCULANT FOR RAW WATER TREATMENT	2500	KG	0.15	S&L / RWTP

PROCUREMENT PROJECTIONS FOR NEXT 05 YEARS FOR RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES / PP WOOVEN SACK BAGS ETC.

ORGANIZATION: BRAHMAPUTRA CRACKER AND POLYMER LIMITED, LEPETKATA, DIBRUGARH, ASSAM

MINISTRY / DEPARTMENT: MINISTRY OF PETROLEUM & NATURAL GAS

30	INDUSTRIAL SALT (GRADE-I)	USED IN DM WATER PLANT FOR RINSING OF SBA RESINS	12000	KG	0.016	S&L / DM WATER
31	POLYMER INHIBITOR	CONTROL POLYMER FORMATION AND FOULING	36000	KG	1.12	S&L / ECU
32	DMDS	REDUCE COKE FORMATION AND CO DURING CRACKING	70000	KG	2.52	S&L / ECU
33	LDO	MANTAINING VISCOSITY	300	KL	1.84	S&L / ECU
34	METHANOL	USED AS CHEMICAL IN ECU, IOP ETC	40	MT	0.168	S&L / ECU
35	MOLECULAR SEIVES / INERT BALL / (ADSORBENT) / CATALYTS FOR BUTENE-1 TREATER	MOLECULAR SEIVES ARE USED FOR ADSORBING AND TREATING THE IMPURITIES AT LLDPE/HDPE UNIT	4860	KG	0.35	CHEMICAL / LLDPE / HDPE
		INERT BALL, DENSTONE D-57,1/2IN	6.00	FT3		
		INERT BALL, DENSTONE D-57,1/4IN	2.00	FT3		
		INERT BALL, DENSTONE D-57,1/8IN	4.00	FT3		
36	MOLECULAR SEIVES / INERT BALL / (ADSORBENT) / CATALYTS FOR ETHYLENE TREATER(VV-931B)	CO / O2 / C2H2, REMOVAL CATALYST	6480	KG	3.42	CHEMICAL / ECU
		DENSTONE D99 1" SUPPORT BALLS	11	FT3		
		INERT BALL (BOTTOM LOWSET) DENSTONE D-57 1/4"	6	FT3		
		INERT BALL (TOP) DENSTONE D-57 1/2" OR EQ.	6	FT3		
37	MOLECULAR SEIVES / INERT BALL / (ADSORBENT) / CATALYTS FOR ETHYLENE TREATER (VV-932 B)	ADSORBENT H2S/CO2 REMOVAL OF VV-932A/B	22950	KG	2.21	CHEMICAL / ECU
		ADSORBENT CH3OH/NH3/ACETONE OF VV-932A/B	5805	KG		
		INERT BALL (TOP) DENSTONE D-57 1/2" OR EQ.	2430	KG		
		INERT BALL (BOTTOM) DENSTONE D-57 1/8"	38	FT3		
		INERT BALL (BOTTOM) DENSTONE D-57 1/8	22	FT3		
38	MOLECULAR SIEVE ADSORBENT FOR PENTANE TREATER(VV-944)	AZ-300 ADSORBENT	270	KG	0.079	CHEMICAL / LLDPE / HDPE
39	O2 REMOVAL CATALYST VV-570A	GB 620 ADSORBENT	675	KG	0.16	CHEMICAL / LLDPE / HDPE / ECU

PROCUREMENT PROJECTIONS FOR NEXT 05 YEARS FOR RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES / PP WOVEN SACK BAGS ETC.

ORGANIZATION: BRAHMAPUTRA CRACKER AND POLYMER LIMITED, LEPETKATA, DIBRUGARH, ASSAM

MINISTRY / DEPARTMENT: MINISTRY OF PETROLEUM & NATURAL GAS

40	MOISTURE REMOVAL CATALYST VV-571 B	ADSORBENT	1620	KG	0.12	CHEMICAL / LLDPE / HDPE / ECU
41	TRY ETHYLENE GLYCOL (TEG)	TEG IS USED FOR COMPRESSED NATURAL GAS DEHYDRATION IN GAS DEHYDRATION UNIT FOR PIPELEINE REQUIRMENT.	24	MT	0.39	GDU
42	MOLECULAR SIEVES	MOLECULAR SEIVES ARE USED FOR PLANT AIR DRYING IN TRIDENT MAKE AIR DRYER FOR GENERATING INSTRUMENT AIR.	4800	KG	0.15	GDU
43	ACTIVATED CHARCOAL	ACTIVATED CHARCOAL IS USED IN GLYCOL CHARCOAL FILTER FOR FILTRATION OF GLYCOL IN GAS DEHYDRATION UNIT.	1600	KG	0.02	GDU
44	CORROSION INHIBITOR	CHIMEC 1829 ENW OR NALCO EC1021A	360	KG	0.03	HPG-2
45	CATALYST FOR BENZENE HYDROGENATION REACTOR 115-RB-002	AX 746	5040	KG	3.03	HPG-2
46	CATALYST FOR SECOND STAGE HYDROGENATION REACTOR 115-RB-001	ACT 68	175	KG	0.04	HPG-2
		ACT 78	200	KG	0.04	HPG-2
		ACT 108	180	KG	0.03	HPG-2
		ACT 945	100	KG	0.03	HPG-2
		LD 145	1300	KG	0.43	HPG-2
		HR 606	2800	KG	0.85	HPG-2
47	CATALYST FOR ETHYLENE GUARD BED 119-VV-019A/B	AXSORB 537	420	KG	0.03	BUTENE-1
		AXSORB 984	1350	KG	0.1	BUTENE-1
48	CATALYST FOR BUTENE REACTOR	LC 2253	7980	KG	3.65	BUTENE-1
49	TEA, ALKYL ALUMINIUM	TEA	3600	KG	--	BUTENE-1
50	MONO-2 ETHYL HEXYL AMINE	MONO-2 ETHYL HEXYL AMINE	2080	KG	0.09	BUTENE-1

PROCUREMENT PROJECTIONS FOR NEXT 05 YEARS FOR RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES / PP WOOVEN SACK BAGS ETC.

ORGANIZATION: BRAHMAPUTRA CRACKER AND POLYMER LIMITED, LEPETKATA, DIBRUGARH, ASSAM

MINISTRY / DEPARTMENT: MINISTRY OF PETROLEUM & NATURAL GAS

51	PENTANE	PENTANE	70	TON	1.68	BUTENE-1
52	MINARAL OIL	MINARAL OIL	3200	LTRS	--	BUTENE-1
53	ACTIVATED CARBON	ACTIVATED CARBON FOR ACF AT DM WATER PLANT	9500	KG	0.161	IOPS
54	STRONG BASE ANION EXCHANGE RESIN	STRONG BASE ANION EXCHANGE RESIN IS USED AS RESIN IN THE DM WATER TREATMENT PLANT IN BCPL	9500	LTRS	0.507	IOPS
55	STRONG ACID CATION EXCHANGE RESIN	STRONG ACID CATION EXCHANGE RESIN S RESIN IN THE DM WATER TREATMENT PLANT IN BCPL	8500	LTRS	0.455	IOPS
56	LIQUID NITROGEN	LIQUID NITROGEN WITH O2 CONTENT < 3 PPM	800	MT	1.598	IOPS
57	BFW TREATMENT CHEMICALS & ANTIOXIDENT FOR HPG	OXGEN SCAVENGER	563	KG	0.393	ECU
		PHOSPHATE	1267	KG		
		AMAIN (PH CONTROL)	1408	KG		
		ANTIOXIDENT FOR GASOLINE	3024	KG		
58	25 KG POLYMER PACKAGING BAGS	PP WOVEN SACK BAGS	13500000	NOS.	24.7	PTD

FINANCIAL YEAR: 2029-30

Sl. No.	RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES NAME	BROAD SPECIFICATION PARAMETERS	QUANTITY	ACCOUNTING UNITS (UOM)	TOTAL VALUE (₹ in Crore) per Year	USER DEPARTMENT / UNIT
1	PP CATALYSTS	PP CATALYSTS USED IN THE POLYPROPYLENE UNIT AT BCPL PLANT	3220	KG	14.70	S&L / PP
2	PE CATALYSTS	PE CATALYSTS USED IN THE HDPE/LLDPE UNIT AT BCPL PLANT	24000	KG	40.51	S&L / LLDPE / HDPE
3	TEAL	TEAL IS USED AS CO CATALYSTS IN LLDPE/HDPE AND PP UNIT	84500	KG	5.03	S&L / LLDPE / HDPE / PP
4	ATMER	ATMER IS USED AS ANTISTATIC AGENT IN POLYPROPYLENE UNIT	720	KG	0.069	S&L / PP

PROCUREMENT PROJECTIONS FOR NEXT 05 YEARS FOR RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES / PP WOVEN SACK BAGS ETC.

ORGANIZATION: BRAHMAPUTRA CRACKER AND POLYMER LIMITED, LEPETKATA, DIBRUGARH, ASSAM

MINISTRY / DEPARTMENT: MINISTRY OF PETROLEUM & NATURAL GAS

5	I-168	I-168 IS USED AS ANTIOXIDANT/PROCESS STABILIZER IN LLDPE/HDPE & PP UNIT	270000	KG	10.59	S&L / LLDPE / HDPE / PP
6	I-1010	I-1010 IS USED AS ANTIOXIDANT/LONG TERM HEAT STABILIZER IN LLDPE/HDPE & PP UNIT	115000	KG	4.86	S&L / LLDPE / HDPE / PP
7	DIHYDROTALCITE	DIHYDROTALCITE IS USED AS ACID SCAVENGER IN POLYPROPYLENE UNIT	12250	KG	0.56	S&L / PP
8	ANTIBLOCK SILICA FOR PP	ANTIBLOCK SILICA FOR PP IS USED AS ANTIBLOCKING AGENT IN POLYPROPYLENE UNIT	32500	KG	0.89	S&L / PP
9	ANTIBLOCK SILICA FOR LLDPE	ANTIBLOCK SILICA FOR PP IS USED AS ANTIBLOCKING AGENT IN LLDPE/HDPE UNIT	520000	KG	9.18	S&L / LLDPE / HDPE
10	BUTENE-1	BUTENE-1 IS USED AS CO-MONOMER IN THE LLDPE/HDPE POLYMER PRODUCTION	23000	MT	329.60	S&L / LLDPE / HDPE
11	SLIP AGENT	SLIP AGENT IS USED AS A SLIP AGENT IN LLDPE/HDPE & PP UNIT	278250	KG	17.75	S&L / LLDPE / HDPE / PP
12	CAUSTIC SODA LYE (MIN 46% CONC)	USED IN DM WATER PLANT FOR SAC COLUMN REGENERATION	1600000	KG	5.5	S&L / DM WATER
13	HYDROCHLORIC ACID (MIN 30% CONC)	USED IN DM WATER PLANT FOR SBA COLUMN REGENERATION	1300000	KG	0.89	S&L / DM WATER
14	SULFURIC ACID (MIN 98% CONC)	USED IN COOLING TOWERS AND ECU	240000	KG	0.56	S&L / ECU
15	DI-AMMONIUM PHOSPHATE	USED IN ETP FOR DEWAGE TREATMENT	5500	KG	0.07	S&L / ETP
16	FERRIC ALUM (GRADE-I)	USED IN RWTP FOR WATER TREATMENT	56000	KG	0.2	S&L / RWTP
17	POLY ALUMINIUM CHLORIDE	USED IN RWTP FOR WATER TREATMENT	36000	KG	0.2	S&L / RWTP
18	DE-OILING POLYELECTROLYTE	USED IN ETP AS A FLOCCULANT FOR SEWAGE TREATMENT	6000	KG	0.17	S&L / ETP

PROCUREMENT PROJECTIONS FOR NEXT 05 YEARS FOR RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES / PP WOVEN SACK BAGS ETC.**ORGANIZATION: BRAHMAPUTRA CRACKER AND POLYMER LIMITED, LEPETKATA, DIBRUGARH, ASSAM****MINISTRY / DEPARTMENT: MINISTRY OF PETROLEUM & NATURAL GAS**

19	DE-WATERING POLYELECTROLYTE-BIO	USED IN ETP AS A FLOCCULANT FOR SEWAGE TREATMENT	800	KG	0.06	S&L / ETP
20	UREA	USED IN ETP FOR SEWAGE TREATMENT	11000	KG	0.1	S&L / ETP
21	DE-WATERING POLYELECTROLYTE-OILY	USED IN ETP FOR SEWAGE TREATMENT	1900	KG	0.08	S&L / ETP
22	HYDRAZINE HYDRATE	USED IN CPP AS OXYGEN SCAVENGER IN BOILER FEED WATER	400	LTR	0.05	S&L / CPP
23	TRI SODIUM PHOSPHATE	USED IN CPP FOR MAINTAINING STEAM QUALITY IN BOILER FEED DRUM	4500	KG	0.07	S&L / CPP
24	AMMONIA (10% CONC)	USED IN CPP TO MAINTAIN PH OF BOILER FEED WATER	8700	LTR	0.06	S&L / CPP
25	TRI ETHYLENE GLYCOL	USED IN GDU FOR MOISTURE REMOVAL	29000	KG	0.61	S&L / GDU
26	MORPHOLINE	USED IN DM WATER PLANT FOR MAINTAINING PH OF DM WATER	400	LTR	0.02	S&L / DM WATER
27	AMINE	USED IN GSU FOR REMOVAL OF OXYGEN FROM THE ABSORPTION TOWER	60000	KG	1.5	S&L / GSU
28	ANTIFOAM	USED IN GSU IN ABSORPTION TOWER FOR PREVENTING FOAMING	400	KG	0.05	S&L / GSU
29	DE-WATERING POLYELECTROLYTE-FOR RWTP	USED IN RWTP AS A FLOCCULANT FOR RAW WATER TREATMENT	200	KG	0.03	S&L / RWTP
30	POLYELECTROLYTE-FOR RWTP	USED IN RWTP AS A FLOCCULANT FOR RAW WATER TREATMENT	2500	KG	0.17	S&L / RWTP
31	INDUSTRIAL SALT (GRADE-I)	USED IN DM WATER PLANT FOR RINSING OF SBA RESINS	12000	KG	0.016	S&L / DM WATER
32	POLYMER INHIBITOR	CONTROL POLYMER FORMATION AND FOULING	36000	KG	1.17	S&L / ECU
33	DMDS	REDUCE COKE FORMATION AND CO DURING CRACKING	70000	KG	2.64	S&L / ECU

PROCUREMENT PROJECTIONS FOR NEXT 05 YEARS FOR RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES / PP WOOVEN SACK BAGS ETC.

ORGANIZATION: BRAHMAPUTRA CRACKER AND POLYMER LIMITED, LEPETKATA, DIBRUGARH, ASSAM

MINISTRY / DEPARTMENT: MINISTRY OF PETROLEUM & NATURAL GAS

34	LDO	MANTAINING VISCOSITY	300	KL	1.93	S&L / ECU
35	METHANOL	USED AS CHEMICAL IN ECU, IOP ETC	40	MT	0.176	S&L / ECU
36	MOLECULAR SEIVES / INERT BALL / (ADSORBENT) / CATALYTS FOR BUTENE-1 TREATER	MOLECULAR SEIVES ARE USED FOR ADSORBING AND TREATING THE IMPURITIES AT LLDPE/HDPE UNIT	4860	KG	0.378	CHEMICAL / LLDPE / HDPE
		INERT BALL, DENSTONE D-57,1/2IN	6.00	FT3		
		INERT BALL, DENSTONE D-57,1/4IN	2.00	FT3		
		INERT BALL, DENSTONE D-57,1/8IN	4.00	FT3		
37	TRY ETHYLENE GLYCOL (TEG)	TEG IS USED FOR COMPRESSED NATURAL GAS DEHYDRATION IN GAS DEHYDRATION UNIT FOR PIPELEINE REQUIRMENT.	24	MT	0.39	GDU
38	CORROSION INHIBITOR	CHIMEC 1829 ENW OR NALCO EC1021A	360	KG	0.03	HPG-2
39	CATALYST FOR BUTENE REACTOR	LC 2253	7980	KG	3.94	BUTENE-1
40	TEA, ALKYL ALUMINIUM	TEA	3600	KG	--	BUTENE-1
41	MONO-2 ETHYL HEXYL AMINE	MONO-2 ETHYL HEXYL AMINE	2080	KG	0.09	BUTENE-1
42	PENTANE	PENTANE	70	TON	1.81	BUTENE-1
43	ACTIVATED CARBON	ACTIVATED CARBON FOR ACF AT DM WATER PLANT	9500	KG	0.177	IOPS
44	SAND	SAND FOR RWTP & COOLING TOWERS (TOP UP)	70	MT	0.12	IOPS
45	CHARGE GAS DRYER MOLECULAR SIEVE	MOLECULAR SIEVE LEAD BED TYPE: 3A-EPG 1/8" PELLETS OR EQUIVALENT GUARD BED TYPE 3A-EPG 1/16" (UOP) PELLETS OR EQUIVALENT	44820	KG	2.770	ECU
46	ACETYLENE CONVERTOR CATALYST	CATALYST: OLEMAX 201 (SUD-CHEMIE), 2-4 MM SPHERES OR EQUIVALENT	6132	KG	4.135	ECU
47	MAPD CONVERTER CATALYST	CATALYST: OLEMAX 350 (SUD-CHEMIE) 1.5 MM EXTRUSIONS OR EQUIVALENT	2976	KG	4.62	ECU

PROCUREMENT PROJECTIONS FOR NEXT 05 YEARS FOR RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES / PP WOOVEN SACK BAGS ETC.

ORGANIZATION: BRAHMAPUTRA CRACKER AND POLYMER LIMITED, LEPETKATA, DIBRUGARH, ASSAM

MINISTRY / DEPARTMENT: MINISTRY OF PETROLEUM & NATURAL GAS

48	PGH REACTOR CATALYST	CATALYST: DPG-1, 1-3 MM SPHERES (SUD-CHEMIE)	1560	KG	2.72	ECU
49	25 KG POLYMER PACKAGING BAGS	PP WOVEN SACK BAGS	13500000	NOS.	27.2	PTD

FINANCIAL YEAR: 2030-31

Sl. No.	RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES NAME	BROAD SPECIFICATION PARAMETERS	QUANTITY	ACCOUNTING UNITS (UOM)	TOTAL VALUE (₹ in Crore) per Year	USER DEPARTMENT / UNIT
1	PP CATALYSTS	PP CATALYSTS USED IN THE POLYPROPYLENE UNIT AT BCPL PLANT	3220	KG	11.76	S&L / PP
2	PE CATALYSTS	PE CATALYSTS USED IN THE HDPE/LLDPE UNIT AT BCPL PLANT	24000	KG	42.28	S&L / LLDPE / HDPE
3	TEAL	TEAL IS USED AS CO CATALYSTS IN LLDPE/HDPE AND PP UNIT	84500	KG	5.25	S&L / LLDPE / HDPE / PP
4	ATMER	ATMER IS USED AS ANTISTATIC AGENT IN POLYPROPYLENE UNIT	720	KG	0.072	S&L / PP
5	I-168	I-168 IS USED AS ANTIOXIDANT/PROCESS STABILIZER IN LLDPE/HDPE & PP UNIT	270000	KG	11.05	S&L / LLDPE / HDPE / PP
6	I-1010	I-1010 IS USED AS ANTIOXIDANT/LONG TERM HEAT STABILIZER IN LLDPE/HDPE & PP UNIT	115000	KG	5.076	S&L / LLDPE / HDPE / PP
7	DIHYDROTALCITE	DIHYDROTALCITE IS USED AS ACID SCAVENGER IN POLYPROPYLENE UNIT	12250	KG	0.588	S&L / PP
8	ANTIBLOCK SILICA FOR PP	ANTIBLOCK SILICA FOR PP IS USED AS ANTIBLOCKING AGENT IN POLYPROPYLENE UNIT	32500	KG	0.93	S&L / PP
9	ANTIBLOCK SILICA FOR LLDPE	ANTIBLOCK SILICA FOR PP IS USED AS ANTIBLOCKING AGENT IN LLDPE/HDPE UNIT	520000	KG	9.58	S&L / LLDPE / HDPE
10	BUTENE-1	BUTENE-1 IS USED AS CO-MONOMER IN THE LLDPE/HDPE POLYMER PRODUCTION	23000	MT	343.90	S&L / LLDPE / HDPE

PROCUREMENT PROJECTIONS FOR NEXT 05 YEARS FOR RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES / PP WOVEN SACK BAGS ETC.

ORGANIZATION: BRAHMAPUTRA CRACKER AND POLYMER LIMITED, LEPETKATA, DIBRUGARH, ASSAM

MINISTRY / DEPARTMENT: MINISTRY OF PETROLEUM & NATURAL GAS

11	SLIP AGENT	SLIP AGENT IS USED AS A SLIP AGENT IN LLDPE/HDPE & PP UNIT	278250	KG	18.33	S&L / LLDPE / HDPE / PP
12	CAUSTIC SODA LYE (MIN 46% CONC)	USED IN DM WATER PLANT FOR SAC COLUMN REGENERATION	1600000	KG	5.8	S&L / DM WATER
13	HYDROCHLORIC ACID (MIN 30% CONC)	USED IN DM WATER PLANT FOR SBA COLUMN REGENERATION	1300000	KG	1	S&L / DM WATER
14	SULFURIC ACID (MIN 98% CONC)	USED IN COOLING TOWERS AND ECU	240000	KG	0.8	S&L / ECU
15	DI-AMMONIUM PHOSPHATE	USED IN ETP FOR DEWAGE TREATMENT	5500	KG	0.1	S&L / ETP
16	FERRIC ALUM (GRADE-I)	USED IN RWTP FOR WATER TREATMENT	56000	KG	0.26	S&L / RWTP
17	POLY ALUMINIUM CHLORIDE	USED IN RWTP FOR WATER TREATMENT	36000	KG	0.26	S&L / RWTP
18	DE-OILING POLYELECTROLYTE	USED IN ETP AS A FLOCCULANT FOR SEWAGE TREATMENT	6000	KG	0.2	S&L / ETP
19	DE-WATERING POLYELECTROLYTE-BIO	USED IN ETP AS A FLOCCULANT FOR SEWAGE TREATMENT	800	KG	0.08	S&L / ETP
20	UREA	USED IN ETP FOR SEWAGE TREATMENT	11000	KG	0.15	S&L / ETP
21	DE-WATERING POLYELECTROLYTE-OILY	USED IN ETP FOR SEWAGE TREATMENT	1900	KG	0.1	S&L / ETP
22	HYDRAZINE HYDRATE	USED IN CPP AS OXYGEN SCAVENGER IN BOILER FEED WATER	400	LTR	0.07	S&L / CPP
23	TRI SODIUM PHOSPHATE	USED IN CPP FOR MAINTAINING STEAM QUALITY IN BOILER FEED DRUM	4500	KG	0.09	S&L / CPP
24	AMMONIA (10% CONC)	USED IN CPP TO MAINTAIN PH OF BOILER FEED WATER	8700	LTR	0.075	S&L / CPP
25	TRI ETHYLENE GLYCOL	USED IN GDU FOR MOISTURE REMOVAL	29000	KG	0.75	S&L / GDU

PROCUREMENT PROJECTIONS FOR NEXT 05 YEARS FOR RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES / PP WOOVEN SACK BAGS ETC.**ORGANIZATION: BRAHMAPUTRA CRACKER AND POLYMER LIMITED, LEPETKATA, DIBRUGARH, ASSAM****MINISTRY / DEPARTMENT: MINISTRY OF PETROLEUM & NATURAL GAS**

26	MORPHOLINE	USED IN DM WATER PLANT FOR MAINTAINING PH OF DM WATER	400	LTR	0.023	S&L / DM WATER
27	AMINE	USED IN GSU FOR REMOVAL OF OXYGEN FROM THE ABSORPTION TOWER	60000	KG	1.5	S&L / GSU
28	ANTIFOAM	USED IN GSU IN ABSORPTION TOWER FOR PREVENTING FOAMING	400	KG	0.05	S&L / GSU
29	DE-WATERING POLYELECTROLYTE-FOR RWTP	USED IN RWTP AS A FLOCCULANT FOR RAW WATER TREATMENT	200	KG	0.06	S&L / RWTP
30	POLYELECTROLYTE-FOR RWTP	USED IN RWTP AS A FLOCCULANT FOR RAW WATER TREATMENT	2500	KG	0.18	S&L / RWTP
31	INDUSTRIAL SALT (GRADE-I)	USED IN DM WATER PLANT FOR RINSING OF SBA RESINS	12000	KG	0.016	S&L / DM WATER
32	POLYMER INHIBITOR	CONTROL POLYMER FORMATION AND FOULING	36000	KG	1.22	S&L / ECU
33	DMDS	REDUCE COKE FORMATION AND CO DURING CRACKING	70000	KG	2.77	S&L / ECU
34	LDO	MANTAINING VISCOSITY	300	KL	2.02	S&L / ECU
35	METHANOL	USED AS CHEMICAL IN ECU, IOP ETC	40	MT	0.18	S&L / ECU
36	O2 REMOVAL CATALYST VV-570B	GB 620 ADSORBENT	675	KG	0.19	CHEMICAL / LLDPE / HDPE / ECU
37	MOISTURE REMOVAL CATALYST VV-571 A	ADSORBENT	1620	KG	0.14	CHEMICAL / LLDPE / HDPE / ECU
38	TRY ETHYLENE GLYCOL (TEG)	TEG IS USED FOR COMPRESSED NATURAL GAS DEHYDRATION IN GAS DEHYDRATION UNIT FOR PIPELEINE REQUIRMENT.	24	MT	0.39	GDU

PROCUREMENT PROJECTIONS FOR NEXT 05 YEARS FOR RAW MATERIALS / CHEMICALS / CATALYSTS / ADDITIVES / PP WOOVEN SACK BAGS ETC.

ORGANIZATION: BRAHMAPUTRA CRACKER AND POLYMER LIMITED, LEPETKATA, DIBRUGARH, ASSAM

MINISTRY / DEPARTMENT: MINISTRY OF PETROLEUM & NATURAL GAS

39	MOLECULAR SIEVES	MOLECULAR SEIVES ARE USED FOR PLANT AIR DRYING IN TRIDENT MAKE AIR DRYER FOR GENERATING INSTRUMENT AIR.	4800	KG	0.15	GDU
40	ACTIVATED CHARCOAL	ACTIVATED CHARCOAL IS USED IN GLYCOL CHARCOAL FILTER FOR FILTRATION OF GLYCOL IN GAS DEHYDRATION UNIT.	1600	KG	0.02	GDU
41	CORROSION INHIBITOR	CHIMEC 1829 ENW OR NALCO EC1021A	360	KG	0.04	HPG-2
42	CATALYST FOR BUTENE REACTOR	LC 2253	7980	KG	4.22	BUTENE-1
43	TEA, ALKYL ALUMINIUM	TEA	3600	KG	--	BUTENE-1
44	MONO-2 ETHYL HEXYL AMINE	MONO-2 ETHYL HEXYL AMINE	2080	KG	0.1	BUTENE-1
45	PENTANE	PENTANE	70	TON	1.93	BUTENE-1
46	ACTIVATED CARBON	ACTIVATED CARBON FOR ACF AT DM WATER PLANT	9500	KG	0.195	IOPS
47	STRONG BASE ANION EXCHANGE RESIN	STRONG BASE ANION EXCHANGE RESIN IS USED AS RESIN IN THE DM WATER TREATMENT PLANT IN BCPL	9500	LTRS	0.608	IOPS
48	STRONG ACID CATION EXCHANGE RESIN	STRONG ACID CATION EXCHANGE RESIN S RESIN IN THE DM WATER TREATMENT PLANT IN BCPL	8500	LTRS	0.546	IOPS
49	MOLECULAR SIEVE	MOLECULAR SIEVE (13X GRADE) FOR NITROGEN PLANT	2700	KG	0.126	IOPS
50	LIQUID NITROGEN	LIQUID NITROGEN WITH O2 CONTENT < 3 PPM	800	MT	1.758	IOPS
51	25 KG POLYMER PACKAGING BAGS	PP WOVEN SACK BAGS	13500000	NOS.	29.9	PTD

-----\$\$\$-----