

RAW MATERIALS & SPECIFICATIONS

code no.	DESCRIPTION	PACKAGING	QTY
02-10-00001	Acetyl salicylic acid pregran p.s as per attached list USP23,BP98	25-50 kg F.D or P.D	40 T
02-10-00002	Acid ascorbic fine powder USP 23, BP 98	25-50 kg F.D or P.D	25 T
02-10-00003	Acid Citric monohydrate USP 23, BP 98	25-50 kg F.D or P.D	30 TON
02-10-00004	Acid Folic USP23,BP98	1 kg can.	250 KG
02-10-00005	Amiloride HCL USP 23 BP98	25kg F.D or P.D	150 KG
02-10-00006	Acid Salicylic USP23,BP98	25-50 kg F.D	750 KG
02-10-00007	Acid stearic proified 50 PPM butylated Hydroxy luene	25-50 kg F.D or 25kg multilayer papec bag lined with nylon on pallet	3 T
02-10-00008	Acid trataric BP98 ,USP 23 (NF18)	25-50 kg F.D or 25kg multilayer papec bag lined with nylon on pallet	25 T
02-10-00009	Amitriptyline HCL F.P BP98	5 kg can or 25 kg F.DorP.D	500 KG
02-10-00010	Aerosil 130 v USP23(NF18)	10-20 kg multi layer paper bags lined with nylon on pallet	25 T
02-10-00011	Alcohol Benzyl USP23(NF18) , BP 98	25 l galvanized I.D or 25 L. Alum. D.	150 KG
02-10-00012	Atenolol BP98	25 kg F.D or P.D	8 T
02-10-00013	Alcohol Ethyl USP23, BP98	200 kg galvanized I.D	LOCAL
02-10-00014	Alcohol phenyl ethyl USP23	25 kg galvanized I.D	250 KG
02-10-00015	Aspartam USP23	25-50 kg F.D or P.D	1 T .
02-10-00016	Aluminium Hydroxid dried gel Loos density N.L.T 0.25 gm/ml USP23(m.l.t AS IN BP98)	25-50 kg F.D	20 T
02-10-00017	Allupurinal F.pdr BP98,USP23	25 kg F.D or P.D	3 T
02-10-00018	Acetazolamide BP98,USP23	25 kg F.D or P.D	250 KG
02-10-00019	Aneurine HCL (thiamin HCL) USP23,BP98	25-50 kg F.D or 25kg alum. Sachet in hard carton box	15 T
02-10-00020	Acid citric anhydrous USP23,BP98	25-50 kg F.D or hard cartone	15 T
02-10-00021	Ampicillin trihydrate P.S	25 -50 kg F.D plastic drum or alum.Sachet in hard carton box	50 T
	10% over 900 micron		
	50% over 400 micron		
	90% over 100 micron		
	Bulk density 0.68+5% gm/ml USP23,BP98		
02-10-00022	Ampicillin trihydrate V.F.P. USP23,BP98	25-50 kg F.D or 25kg alum. Sachet in hard carton box	10 T
02-10-00023	Acid Isonicotinic hydrazide USP23,BP98	25-50 kg F.D or P.D	2 T
02-10-00024	Benzoyl Metronidazol micronized USP 23	25-50 kg F.D or P.D	5 T

02-10-00025	Bromohexine HCL BP98	25 kg F.D 5-10 kg Alum Con.	400 KG
02-10-00026	Bismuth carbonate (subcarbonate) BP98	25-50 kg F.D or multilayer paper bags lined with nylon on pallet	2 T
02-10-00027	Bismuth subgallate BP98	25-50 kg F.D or multilayer paper bags lined with nylon on pallet	500 KG
02-10-00028	Betamethason disodium phosphate USP23,BP98	100-500 g alum. Con	10 KG
02-10-00029	Biotin USP23	10 gm Alum. Con.	2 KG
02-10-00030	Betamethazone valerate v.f.p 100% should pass	100-500g alum. Con.	50 KG
	B.S seive NO.125 USP23,BP98		
02-10-00031	Captopril USP23,BP98 disulphit free	25 kg F.D or P.D	1.5 T
02-10-00032	Caffeine anhydrous fine pdr. BP98,USP23	25-50 kg F.D or P.D	4 T.
02-10-00033	Calamine micronize (medium p.s 27 micro +M.L.T BP98,USP23	25-50 kg F.D or multilayer paper bags lined with nylon on pallet	2 T .
02-10-00034	Choli calciferol 40 million units/gm (vit .D3) USP23,BP98	5 -10 gm alum. Con.	1 KG
02-10-00035	Cloxacillin sod. Compacted BP98,USP23 P.S	25 -50 kg F.D or plastic drum or alum.Sachet in hard carton box	5 T .
	10% over 900 micron		
	50% over 400 micron		
	90% over 100 micron		
	Bulk density 0.63 gm/ml		
02-10-00036	Cephalexine monohydrate (bulk density 0.68 +5% gm/ml)P.S	25 -50 kg F.D or plastic drum or alum.Sachet in hard carton box	50 T .
	10% over 900 micron		
	50% over 400 micron		
	90% over 100 micron		
	USP23,BP98		
02-10-00037	Cephalexin monohydrate v.f.p BP98,USP23 100%	25 -50 kg F.D or plastic drum or alum.Sachet in hard carton box	12 T.
	below 125 micron by microscopical exam.		
02-10-00038	Calcium pantothenate USP23,BP98	25 -50 kg F.D or plastic drum or alum.Sachet in hard carton box	1 T
02-10-00039	Calcium phosphate Dibasic USP23	25-50 kg F.D or multilayer paper bags lined with nylon on pallet	1 T
02-10-00040	Calcium sulphate dihydrate USP23(NF18)	25 kg F.D or P.D or alum. Sachet in hard carton box	10 T
02-10-00041	Comphor USP23,BP98	25-50 kg F.D	500 KG
02-10-00042	Carneuba wax BP98 ,USP23(NF18)	50 kg F.D or multilayer paper bag lined with nylon on pallet	50 KG

02-10-00043	Cemitidine F.P BP98,USP23	25-50 kg F.D or P.D	5 T .
02-10-00044	Cetrimide BP98	25-50 kg F.D or P.D	
02-10-00045	Chloramphenicol micronized 85% less than 10 micron	25 -50 kg F.D plastic drum or alum.Sachet in hard carton box	500 KG
	USP23,BP98		
02-10-00046	Chlordiazepoxide (base) fine powder USP23,BP98	25 -50 kg F.D or plastic drum or alum.Sachet in hard carton box	1 T
02-10-00047	Chlorbutol (chlorobutanol) USP23(NF18),BP98	50 kg F.D or P.D	150 KG
02-10-00048	Chlorocresol BP98,USP23(NF18)	25 kg galvanized I.D	200 KG
02-10-00049	Chlorpheniramine maleate USP23,BP98	10 kg alum. Con.	250 KG
02-10-00050	Chlorpromazine HCL v.f.p USP23,BP98	5 kg alum. Con.	500 KG
02-10-00051	Clotrimazol micronized USP23	100-500 gm alum. Con.	500 KG
02-10-00052	Clidinium bromide USP23	25-50 kg F.D or P.D	250 KG
02-10-00053	Clobetasol propionate as attached list	100-500 g alum. Con.	25 KG
02-10-00054	Crossscarmellose sodium Type A USP23(NF18),BP98	25-50 kg F.D or P.D multilayer paper bag lined with nylon on pallet	4 T.
02-10-00055	Codeine phosphate USP23,BP98	5-10 kg alum. Con.	1 T.
02-10-00056	Cyproheptidine HCL USP23,BP98	25-50 kg F.D or P.D	200 KG
02-10-00057	color blue No.2 alum. Lake CFR-FDA, color additive	2.5-5 kg Con.	10 KG
	Colour yellow no.10 W.S		20 KG
02-10-00058	Color Opa dry white (spacific method)	25 kg F.d or P.d or polyethylene bags in hard carton box	500 KG
02-10-00059	Color Opa dry orange (spacific method)	25 kg F.d or P.d or polyethylene bags in hard carton box	200 KG
02-10-00060	Cefataxime sodium Steril pdr. For inj. (ready filling USP23,BP98)	5-10 kg alum. Con.	35 T.
02-10-00061	Cephalexin sod. For inj. (specific method) ready for filling	5-10 kg alum. Can. Or P. con.	1 T.
02-10-00062	Cyanocobalamine USP23,BP98	100-200 g alum. Con. Or glass stopper bottle	20 KG
02-10-00063	Colour Opa ox 5564 pink (specific method)	25 kg F.D or P.D	250 KG
02-10-00064	Carbamazepine BP98,USP23	25-50 kg F.D or P.D	5 T.
02-10-00065	Colour orang deep water soluble 2055 CFR-FDA colour addetives	2.5 -5 kg alum. Or P.container	100 KG
02-10-00066	Colour mint 2076 CFR-FDA (colour additives)	2.5 - 5 kg alum. Or p.container	5 KG
02-10-00067	Dextromethorphan HBr. USP23,BP98	5 kg con.	300 KG
02-10-00068	Diastase malt J.P	25-50 kg F.D or P.D multilayer paper bag lined with nylon on pallet	3 T.

02-10-00069	Diazepam USP23,BP98	25 kg F.D or P.D	500 KG
02-10-00070	Dextropropoxyphene napsylate BP98	25 kg F.D or P.D	1.5 T
02-10-00071	Diethylamine salicylates PB98	25 -50 kg F.D or P.D	2 T.
02-10-00072	Diclofenac sodium Fine powder white to off white cryst powder	25 kg F.D or P.D	3 T.
	PH of 1% solution = 7-8.5 m.p 278-279 c		
	, idehification by I.R comply		
	Heavy metals : n.m.t. 10 ppm		
	Arsenic : n.m.t. 2 ppm (BP98)		
	L.O.D : n.m.t. 0.5 %		
	Assay : n.l.t. 99%		
	Calculated with reference to the dried substance by		
	non aqueous titration USP23 supp6		
02-10-00073	Diphenhydramine HCL fine pdr. USP23,BP98	25 kg F.D or P.D	4 T.
02-10-00074	Dexamethazone v.f.p USP23,BP98	100-500 g alum. Con.	50 KG
02-10-00075	Dexamethazone sodium Phosphate USP23,BP98	100-500 g alum. Con.	10 KG
02-10-00076	Diethyl sodium Sulphosuccinate (Docusate sod.) USP23,BP98	25 kg F.D	500 KG
02-10-00077	Diphenoxylate HCL USP23,BP98	5 kg F.D or P.D	500 KG
	Dextran 70 medical gradu.		1 T.
02-10-00078	Dipyridamol 1pdr. BP98,USP23	25 kg F.D or P.D	1 T.
02-10-00079	Doxycycline hyclate BP98,USP23	25 kg F.D or P.D	3 T.
02-10-00080	Digitoxin USP23,BP98	25 kg F.D or P.D	2 T.
02-10-00081	Ethambutol HCL BP98,USP 23	25 kg F.D or P.D	2 T.
02-10-00082	Ethyl cellulose standard type viscosity grade 20 centipose USP23(NF18)	50 kg F.D or P.D multilayer paper bag lined with nylon on pallet	3 T.
02-10-00083	Extract protincture Krameria to produce tincture Krameria	25-50 kg plastic con. Or galvanized I.D	300 KG
	specification after dilution 1+4BPC 49		
02-10-00084	Eudragit L solid 100 (specific method)	25 kg F.D or polyethylene bag in hard carton box	1 T.
02-10-00085	Eudragit E liquid 12.5 (specific method)	25 kg galvanized I.D	15 T.
02-10-00086	Erythromycin ethyl succinate 100% below 125 micron by	25 kg F.D or polyethylene bag in hard carton box	50 T.

	microscopical exam USP23,BP98 (Bitter less)		
02-10-00087	Ferrous fumarate USP23,BP98	25-50 kg F.D or P.D multilayer paper bag lined with nylon on pallet	20 T.
02-10-00088	Ferrous Gluconate USP23,BP98	25-50 kg F.D or P.D multilayer paper bag lined with nylon on pallet	1 T.
02-10-00089	Ferrous sulphate dried USP23,BP98	50 kg F.D or P.D	500 KG
02-10-00090	Formaldehyde sod. Bisulphite (specific method)	25 kg F.D	500 KG
02-10-00091	Furosemide fine powder BP98, USP 23	25-50 kg F.D or P.D	1 T.
02-10-00092	Framycetine sulphate BP98	25-50 kg F.D or P.D	5 KG
02-10-00093	Gelatine powder USP23(NF18),BP98	25-50 kg F.D or P.D multilayer paper bag lined with nylon on pallet	10 T.
02-10-00094	Glycerol redistilled anhydrous USP23, BP98	200-250 kg galvanized I.D	1500 T.
02-10-00095	Powder Acacia USP23(NF18),Bp98	25-50 kg F.D or P.D multilayer paper bag lined with nylon on pallet	500 KG
02-10-00096	Glibenclamide powder BP98	25-50 kg F.D or P.D	400 KG
02-10-00097	Glyceryl guaiacolate (guiaphenesin) USP23,BP98	25 kg F.D or P.D	5 T.
02-10-00098	Xanthan Gum USP23(NF18)	25-50 kg F.D or P.D multilayer paper bag lined with nylon on pallet	3 T.
02-10-00099	Gramicidin micronized USP23	100- 500 g alum. Tin	10 KG
02-10-00100	Griseofulvin USP23 ,BP98	25 -50 kg F.D or P.D	1 T.
02-10-00101	Glucose monohydrate pdr. USP23,BP98	50 kg F.D or P.D multilayer paper bag lined with nylon on pallet	50 T.
02-10-00102	Guar Gum (mypro guar) Csaa 200 USP23(NF18)	50 kg F.D or P.D multilayer paper bag lined with nylon on pallet	5 T.
02-10-00103	Glucose anhydrous USP23,BP98 pyrogem free for I.V sol.	50 kg F.D or P.D multilayer paper bag lined with nylon on pallet	100 T.
02-10-00104	Gentamycin sulphate fine powder (steril) USP23,BP98	5 kg alum. Con.	2 T.
02-10-00105	Hydrochlorthiazide powder USP23,BP98	25 kg F.D or P.D	2 T.
02-10-00106	Homatropine methyl bromide USP23	1 kg alum. Tin.	200 KG
02-10-00107	Hyoscin HBr . (scopolamine HBr.) USP23,BP98	25-50 gm alum. Con.	1 KG
02-10-00108	Hyoscin -N- butyl bromide fine pdr. BP98	5 kg alum. Can.	1 T.
02-10-00109	Ibuprofen very fine pdr., USP23,BP98	25 -50 KG F.D	20 T.
02-10-00110	Iron (Ferric) Amonium Citrate USP23	25-50 kg F.D	3 T.
02-10-00111	Isopropamide Iodide USP23	25-50 kg F.D or P.D	1 T.
02-10-00112	Indomethacin micronized USP23,BP98	25-50 kg F.D or P.D	500 KG

02-10-00113	Iso Sorbide dinitrate(Diluted) USP23,BP98 25 % in lactose	25 kg F.D or P.D	200 KG
02-10-00114	Lorazepam USP23,BP98	25 kg F.D or P.D	20 KG
02-10-00115	Lactose monohydrate BP98+ M.L.T as USP23(NF18)	50 kg F.D or P.D multilayer paper bag lined with nylon on pallet	100 T.
02-10-00116	Lanoline Anhydrous (wool fat) USP23,BP98	50 kg galvanized I.D	10 T.
02-10-00117	L-Leucine BP98,USP23	25-50 kg F.D or P.D multilayer paper bag lined with nylon on pallet	3 T.
02-10-00118	Lidocaine BP98,USP23	25 -50 kg F.D or P.D	750 KG
02-10-00119	Lactose spray dried BP98,USP23(NF18)+M.L.T	25-50 kg F.D or P.D multilayer paper bag lined with nylon on pallet	3 T.
02-10-00120	Lanoline alcohol (wool al.) USP23(NF18),BP98	50 kg galvanized I.D	5 T.
02-10-00121	Magnesium carbonate light	25-50 kg F.D or P.D multilayer paper bag lined with nylon on pallet	10 T.
	loose dinsity 0.091 gm/ml 72 bulk density 0.101 gm/m		
	jolts USP23,BP98+MLT		
02-10-00122	Magnesium Glycerophosphate BPC63	50 kg F.D or P.D	30 T.
02-10-00123	Magnesium Oxide light USP23,BP98	25-50 kg F.D or P.D multilayer paper bag lined with nylon on pallet	100 KG
02-10-00124	Magnesium stearate ppt.	25 kg F.D or P.D multilayer paper bag lined with nylon on pallet	10 T.
	Loose dinsity 0.15-0.2 gm/ml		
	M.L.T as USP23,BP98+USP23(NF18)		
02-10-00125	Magnesium Trisilicate bulk density (1000 jolts) N.L.T. 0.75 gm/ml	25 kg F.D or P.D multilayer paper bag lined with nylon on pallet	20 T.
	loose N.L.T 0.045gm/ml USP23,BP98		
02-10-00126	Metoclopramide HCL BP98	25 kg F.D or P.D	400 KG
02-10-00127	L-Menthol USP23	5-10 kg Alum. Can.	1 T.
02-10-00128	Meprobamate pdr. USP23,BP98	25-50 kg F.D or P.D	5 T.
02-10-00129	Mefenamic acid BP98	25-50 kg F.D or P.D	20 T.
02-10-00130	Methyl cellulose USP23,BP98	25 kg F.D or P.D multilayer paper bag lined with nylon on pallet	200 KG
02-10-00131	Methyl paraben USP23(NF18),BP98	25-50 kg F.D or P.D	3 T.
02-10-00132	Methyl Salicylate USP23(NF18),BP98	50 kg galvanized I.D or P.D	3 T.
02-10-00133	Mitronidazol USP23,BP98	25-50 kg F.D or P.D	10 T.
02-10-00134	Mebendazol v.f.p USP23,BP98	25 kg F.D or P.D	2 T.
02-10-00135	Manganese chloride anhydrous USP23	5kg alum. Con .	150 KG
02-10-00136	Mannitol (parentral use)USP23,BP98	50 kg F.D or P.D multilayer paper bag lined with nylon on pallet	25 T.
02-10-00137	Methyl Dopa USP23,BP98	25-50 kg F.D or P.D	5 T.

02-10-00138	Neomycin sulphate USP23,BP98	25 kg F.D or P.D or alum. Sachet in hard carton box	500 KG
02-10-00139	Nicotinamide USP23,BP98	25 kg F.D or P.D or alum. Sachet in hard carton box	10 T.
02-10-00140	Nitrofurantain fine powder USP23,BP98	25-50 kg F.D	1 T.
02-10-00141	Naphazoline nitrate BP98	100-500 g alum. Can.	6 KG
02-10-00142	Nystatine v.f.p BP98,USP23	1 kg alum. Can.	10 000 BU
02-10-00143	Oil Arachis(peant oil) USP23(NF18) , BP98	200 kg galvanized I.D	15 T.
02-10-00144	Oil castor USP23,BP98	200 kg galvanized I.D	30 T.
02-10-00145	Oil eucalyptus BP98	5 kg alum. Can.	500 KG
02-10-00146	Oil lavender NF16 BP80 add 2	5 kg alum. Can.	50 KG
02-10-00147	Oil niaouli (cajuput oil) french codex swiss	5 kg alum. Can.	20 KG
02-10-00148	Oil orange BP98	5 kg alum. Can.	500 KG
02-10-00149	Orange soluble flavourCFR,FDA food additive.	5 kg alum. Can.	5 T.
02-10-00150	Oil peppermint USP23(NF18),BP98	5 kg alum. Can.	200 KG
02-10-00151	Pineapple flavour CFR,FDA food additive	5 kg alum. Can.	2 T.
02-10-00152	Strawberry flavour CFR,FDA food additive	5 kg alum. Can.	2 T.
02-10-00153	Oil turpentine BP98	5 kg alum. Can.	1 T.
02-10-00154	Tutti frutti flav. CFR,FDA food additive	5 kg alum. Can.	100 KG
02-10-00155	Oleoresin capsicum, light ahggjgsdgkajfhdghjgdshghghdfghgjhgdh	5 kg alum. Can.	150 KG
	Absoption of 0.5% capsicum in methanol at 444 m		
	should on the limit of 0.3191 -0.3262 BPC73		
02-10-00156	Orphenadrine Citrate BP98,USP23	25 kg F.D or P.D	1500 KG
02-10-00157	Rasberry flavour CFR,FDA food additive	5 kg alum. Con.	5 T.
02-10-00158	Oxymetazolin HCL USP23	500 gm alum. Can.	4 T.
02-10-00159	Orange flavor dry (soluble pdr) CFR,FDA food additive	5 kg alum. Con.	500 KG
02-10-00160	Oil spearmint Bp98	5 kg alum. Con.	200 KG
02-10-00161	Paracetamol USP23,BP98 V. F. P. medium	50 kg F.D or P.D or polyethlen bag in hard carton box	500 T.
	diamitu 7 micro 90 % under 28 micro		
02-10-00162	Paraffin hard BP98,USP23	25-50 kg carton box	15 T.

02-10-00163	Paraffin liq. (mineral oil) tocopheryl added 10 ppm USP23,BP98	200 kg galvanized I.D	75 T.
02-10-00164	Paraffin soft whit (petrolatum) melting range 40-56	175 kg galvanized I.D	75 T.
	c penetration nized no. 150-200 BP98,USP23		
02-10-00165	Paraffin soft yellow melting point 40-56 c	175 kg galvanized I.D	500 T.
	penetration no.150-200 BP98,USP23		
02-10-00166	Pyrazinamide BP98,USP23	25 kg F.D or P.D	2 T.
02-10-00167	Phenyl ephrine HCL USP23,BP98	5 kg alum. Cont.	1 T.
02-10-00168	Polyethylene glycol 4000 (macrogol) USP23(NF18),BP98	25-50 kg F.D or P.D multilayer paper bag lined with nylon on pallet	10 T.
02-10-00169	Polyethylene glycol 6000 USP23(NF18)	25-50 kg F.D or P.D multilayer paper bag lined with nylon on pallet	10 T.
02-10-00170	Polyvinyl pyrrolidone M.WT . 44000 K value 30 (povdon),P.V.P BP98,USP23	25-50 kg F.D or P.D	20 T.
02-10-00171	Potasium- chloride USP23,BP98	25-50 kg F.D or P.D multilayer paper bag lined with nylon on pallet	2 T.
02-10-00172	Propylene glycol BP98	200 kg galvanized I.D	400 T.
02-10-00173	Propylhydroxybenzoate (propylparaben) USP23(NF18),BP98	25-50 kg F.D	1.5 T
02-10-00174	Pyridoxin HCL USP23,BP98	25 kg F.D or alum. Sachet in hard carton box	7 T.
02-10-00175	Potasium -Phosphate monobasic USP23(NF18)	1 kg can. or mulitlayer paper bag lined with nylon on pallte	200 KG
02-10-00176	Polyethylene glocol 400 USP23(NF18)	50 kg galvanized I.D	10 T.
02-10-00177	Pseudoephedrine HCL USP23,BP98	25 kg F.D or P.D	1.5 T.
02-10-00178	Promethazine HCL USP23,BP98	5 kg Alum. Can.	200 KG
02-10-00179	Pipenzolate methyl bromide pure	5 kg alum. Can.	100 KG
	*Description : white cryst . pdr. With bitter test		
	*Solubility : soluble in water , sliighty soluble in ether & acetone		
	*Melting point : 180-183ú		
	*Loss on drying at 105ú :N.M.T. 0.5%		
	*Identification by I.R. , assay N.L.T. 99%		
02-10-00180	Propranolol USP23,BP98	25-50 KG F.D or P.D	2 T.
02-10-00181	Ranitidine HCL USP23,BP98 white pdr	25-50 KG F.D or P.D	6 T.
02-10-00182	Riboflavine USP23,BP98	25 kg Alum. Can. Sachet in hard carton box	500 KG

02-10-00183	Riboflavine 5-Phosphate Sod. USP23, BP98	25 kg F.D or P.D or alum. Sachet in hard carton box	250 KG
02-10-00184	Rifampicin tapped bulk density 0.7 gm/ml USP23, BP98	25 kg alum. Can.	15 T.
02-10-00185	Saccharine sodium USP23, BP98	25-50 kg F.D or P.D or multilayer papere bag lined with nylon on pallte	5 T.
02-10-00186	Sod. Benzoate BP98 DAB7 USP23(NF18)	25-50 kg F.D or P.D	2.5 T.
02-10-00187	Sodium Bicarbonate BP98, USP23	25-50 kg F.D or P.D or multilayer papere bag lined with nylon on pallte	100 T.
02-10-00188	Sodium Carboxymethyl cellulose (carmellose sod.)	25-50 kg F.D or P.D or multilayer papere bag lined with nylon on pallte	5 T.
	*Viscosity of 1% solution 275 c.p.s.		
	*P.S 99.5% passes 60 mesh B.S USP23, BP98		
02-10-00189	Sodium Chloride BP98, USP23 for J.V solution	25-50 kg F.D or P.D or multilayer papere bag lined with nylon on pallte	100 T.
02-10-00190	Sod. Citrate USP23, BP98	25-50 kg F.D or P.D or multilayer papere bag lined with nylon on pallte	25 T.
02-10-00191	Di. Sodium Edetate pure BP98, USP23	25-50 kg F.D or P.D or multilayer papere bag lined with nylon on pallte	2 T.
02-10-00192	Sod. Hydroxide pellets pure USP23(NF18), BP98	25 kg F.D or polyethylene bags lined with nylon on pallet	500 KG
02-10-00193	Sod. Glycerophosphate NFX	25-50 kg F.D or P.D	1 T.
02-10-00194	Sodium Metabisulphite USP23(NF18), BP98	25-50 kg F.D or P.D or multilayer papere bag lined with nylon on pallte	800 KG
02-10-00195	Sodium Phosphate monbasic analytical reagent USP23	5 kg alum. Can. Or P.cont.	1 T.
02-10-00196	Sorbitol solution 70% non Crystalizing grade USP23, BP98	200-250 kg galvanized I.D	200 T.
02-10-00197	Spermacetti BPC68, USP23	25-50 kg F.D or P.D or multilayer papere bag lined with nylon on pallte	2 T.
02-10-00198	Starch maize (corn starch) USP23+M.L.T , BP98	50 kg F.D or P.D or multilayer papere bag lined with nylon on pallte	LOCAL
02-10-00199	Sugar (Sucrose) USP(NF18), BP98	50 kg polyethylene multilayer bag	LOCAL
02-10-00200	Sulphacetamide sodium BP98, USP23	25 -50 kg F.D or P.D	1 T.
02-10-00201	Sulphanilamide (streptocid) extrapure BPC68 SPX	25 -50 kg F.D or P.D	300 KG
02-10-00202	Salbutamol sulphate Bp98	5 kg alum. Can. Or P.con	400 KG
	1-Related substances (HPLC)		
	2-Boron content(AOAC)		
	3-Impurity profile (HPLC)		
	4-Selenium content		
	5-Particle size(Microscopic)		

	6-Sieve test		
	7-Colour of solution		
	8-Bulk density		
	9-Clarity of solution		
02-10-00203	Sod. Format	1 kg Con.	100 KG
	*Description: Crystallin pdr.odourless, saline testy		
	*Chlorid : n.m.t 0.1 %		
	*Sulphate : n.m.t 0.05 %		
	assay : n.l.t 98 %		
02-10-00204	Sod. Phosphate dibasic anhydrous buffer reagent USP23	1 kg Con.	100 KG
02-10-00205	Sodium Lauryl sulphate USP23(NF18),BP98	25-50 kg F.D or P.D or multilayer papere bag lined with nylon on pallte	1.5 T.
02-10-00206	Sod. Acetate USP23,BP980	25 kg F.D or P.D	2 T.
02-10-00207	Sulphur ppt. BP98	25-50 kg F.D or P.D or multilayer papere bag lined with nylon on pallte	3 T.
02-10-00208	Sulphamethoxazol (micronized) USP23,BP98	25 -50 kg F.D or P.D	100 T.
02-10-00209	Talc v.f.p USP23,BP98	25-50 kg F.D or P.D or multilayer papere bag lined with nylon on pallte	70 T.
02-10-00210	Tolnaftate USP23,BP98	25-50 kg F.D or P.D	75 KG
02-10-00211	Theophylline anhydrous USP23,BP98	25 -50 kg F.D or P.D	8 T.
02-10-00212	Thymol USP23(NF18),BP98	25 -50 kg F.D or P.D	100 KG
02-10-00213	Titanium dioxide USP23,BP98	25-50 kg F.D or P.D or multilayer papere bag lined with nylon on pallte	8 T.
02-10-00214	Di-X-Tocopheryl acetate oily BP98	5 kg alum. Can.	250 KG
02-10-00215	Triprolidine HCL BP98,USP23	25 kg F.D or P.D	150 KG
02-10-00216	Tetracycline HCL USP23,BP98	25-50 kg F.D or P.D or aor alum. Sachet in hard carton box	20 T.
02-10-00217	Vitamin A acetate 500 000 I.U/gm powder	5 kg alum. Can. Or alum. Sachet in hard carton box	2 T.
	appearance light yellow , fine gran pdr fineness		
	100% throught no.20 U.S standard sieve min 9%		
	throught no. 40 max. 15% " "		
	100 loss on drying		
	(4 hours at 105 c) max 8% USP23,BP98		
02-10-00218	Vitamin E adsorbate 33% or 50% pharmaceutical grade BP98,USP23	5 kg alum. Can. Or alum. Sachet in hard carton box	1.5 T.

	appearance fine practically white pdr. L.O.D. n.m.t 5%		
	(4 hours at 105 c) E 254/E 284.5		
	(ethan 01) 0.17-0.215 assay min 33% or 50%		
	of Di- - tocopheryl acetate		
02-10-00219	Triethanalamine USP23,BP98	25 kg Galvanized I.D	
02-10-00220	Vanillin USP23(NF18),BP98	5 kg Can.	500 KG .
02-10-00221	Vitamin A- palmitate 1M IU/ gm appearance : yellow , oily liq. May crystallize on storage Peroxide value (lea) max 10 Acid value max 20 UV absorption in isopropanol a)mix absorption : at 325-327 mm b) ralative extinction : -at 300 nm max. 0.593 -at 350 nm max. 0.537 -at 370 nm max. 0.142 Vitamin A content min. 1.0M I.U/g specify: 1-dileumt oil 2- antiacidant USP23,BP98	5 kg alum. Can.	300 KG .
02-10-00222	Veegum H.V. (alum. Mag. Silicate) (viscosity st. 5%) 250 CP. USP23(NF18),BP98	25-50 kg F.D or P.D	1.5 T.
02-10-00223	Witapsol H35 (hard fat) USP23(NF18),BP98	25 kg galvanized I.D or polyehyllene bag in hard carton box	15 T.
02-10-00224	Witepsol H37 (hard fat) BP98,USP23(NF18)	25 kg galvanized I.D or polyehyllene bag in hard carton box	15 T.
02-10-00225	Yeast extrat USP23	25-50 kg F.D or P.D	2 T.
02-10-00226	Yellow iron oxide colour CFR, FDA colour add	25 kg F.D or P.D or multilayer paper bag in lined with nylon on pallet	50 KG
02-10-00227	Zinc oxide BP98,USP23	25 kg F.D or P.D or multilayer paper bag in lined with nylon on pallet	15 T.
02-10-00228	Zinc sulphate 7H2o USP23,BP98	25 kg F.D or P.D or multilayer paper bag in lined with nylon on pallet	20 KG
02-10-00229	Ampicillin Trihydrate V.F.P. particale size 100% bellow 125 micro. By microscopical exam. USP23,BP98	25 kg galvanized I.D or polyehyllene bag in hard carton box	10 T.

02-10-00230	Ampicillin sodium Sterile for inj. Crystalline (ready for filling) USP23,BP98	2-5 kg alum. Cant.	10 T.
02-10-00231	Avicel pH 102 (microcrystallin cellulose) avarage P.S. 90 micro BP98,USP23(NF18)	25 kg F.D or P.D or multilayer paper bag in lined with nylon on pallet	12 T.
02-10-00232	Avicel pH 101 USP23(NF18),BP98	25 kg F.D or P.D or multilayer paper bag in lined with nylon on pallet	10 T.
02-10-00233	Aluminium Hydroxide Mag. Carbonat dride gel as attached list USP23,BP98	25 kg F.D or P.D or multilayer paper bag in lined with nylon on pallet	10 T.
02-10-00234	Amoxycillin Trihydrate v.f.p. 100% bellow 125 micro. When exam under microscop. USP23,BP98	25 kg F.D or P.D or multilayer paper bag in lined with nylon on pallet	15 T.
02-10-00235	Amoxycillin Trihydrate compact bulk density 0.68 % sieve analysis 10 % over 900 mocro , 50 % over 400 , 90 % over 100	25-50 kg alum. Can. Or alum. Sachet in hard carton box	50 T.
02-10-00236	Chloramphenicol palmitate micro. P.S100% bellow 100micron by microscopical exam USP23,BP98	25-50 kg alum.F.D or P.D or alum. Sachet in hard carton box	20 T.
02-10-00237	Creatinine chemical pure USP23	1 kg alum. Can.	50 KG
02-10-00238	Cetomacrogol (cetamac 1000) BP98	25 kg F.D or P.D or polyethlene bag in lined with nylon on pallet	10 T.
02-10-00239	Cephalothin sodium Sterile pdr. For inj. BP98, USP23 (ready for filling)	5 kg alum. Can.	2 T.
02-10-00240	Calcium Carbonate heavy loos density 0.81 - 1 gm/ml tapped density 1.25-1.5 gm/ml USP23,BP98	25 kg F.D or P.D or multilayer paper bag in lined with nylon on pallet	5 T.
02-10-00241	Calcium Carbonate light fin pdr. Loose density 0.3-o.4 gm/ml Tapped density 0.5- 0.7 gm/ml BP98	25 kg F.D or P.D or multilayer paper bag in lined with nylon on pallet	10 T.
02-10-00242	Colour orange deep 2025 CFR,FDA color food add.	2.5-5 kg can.	100 KG
02-10-00243	Chloramphenicol USP23,BP98	25 kg galvanized I.D or polyehyllene bag in hard carton box	
02-10-00244	Colour deep orange alum. Lake ZLTI CFR,FDA color add.	2.5-5 kg can.	50 KG
02-10-00245	Colour bannana green H8747 CFR,FDA color add.	2.5-5 kg can.	50 KG
02-10-00246	Colour erythrocin FD&C. No. 3 CFR,FDA	2.5-5 kg can.	400 KG
02-10-00247	Colour green alum. Kake ZLT601 CFR,FDA color add.	2.5-5 kg can.	75 KG

02-10-00248	Chlorhexidine gluconate BP98	25-50 kg galvanized I.D or P.D	2 T.
02-10-00249	Colour red F,D & C no.30 CFR,FDA color add.	2.5-5 kg can.	25 KG
02-10-00250	Colour Allura Red No.40 CFR,FDA 21 colour add.	2.5-5 kg can.	50 KG
02-10-00251	Hydrocortisone acetate Mic. USP23,BP98	1 kg alum. Can.	500 KG .
02-10-00252	Hydroxyethyl cellulose (cello size)QP 300L / 1389 USP23	25 kg F.D or P.D or multilayer paper bag in lined with nylon on pallet	1 T.
02-10-00253	Hydroxypropyl methyl cellulose 50 CPS USP23	25 kg F.D or P.D or multilayer paper bag in lined with nylon on pallet	2 T.
02-10-00254	Pridnisolone fine pdr. USP23,BP98	5 kg alum. Can.	200 KG
02-10-00255	Pridnisolone Acetate Micro. Sterile pdr. USP23.BP98	500 kg cont.	25 KG
02-10-00256	Formaldehyde tablets (E.Merck specific method)	1 kg glass bottle	200 KG
02-10-00257	Famotidine BP98,USP23	25 kg F.D or P.D	500 KG .
02-10-00258	Triamcinolone acetonide micro. USP23,BP98	100 GM Tin.	75 KG
02-10-00259	Trimethoprim (micronized)	25 -50 kg F.D or P.D	20 T.
	P.S 50% below 14 mic.		
	80% below 27 mic.		
	100% below 90 mic.		
	USP23,BP98		
02-10-00260	Tetracycline HCL micronized USP23,BP98	25 kg F.D or P.D or alum. Sachet in hard cartone box	500 KG .
02-10-00261	Trifluoperazine HCL USP23,BP98	5 kg Cont.	100 KG
02-10-00262	Diclofenac sod. Bromine pdr. For amp.	1-5 kg cont.	200 KG
02-10-00263	sildinafil citsate		500 KG .
	1-Particle size (microscopic)		
	2-Content of citric acid		
	3-Chromatographic purity(HPLC)		
	4-Melting range		
	5-Residue on ignition		
	6-Loss on drying		
02-10-00264	Cipraflaxacin Hcl Bp 98		15 T.
	1-Indentification (UV)		
	2-Residual solvent		
	3-Sieve test		
	4-Colour of solution		
	5-Bulk density		
	6-Melting range		
02-10-00265	finastuele		30 kg

02-10-00266	Lanzoprazal		100 kg
02-10-00267	Pyrizinamiele BP 98		2 T.
02-10-00268	Napwrxin usp 23 FDA APP , BP 98		10 T.
02-10-00269	metfesonin		1000 KG
02-10-00270	low Density polyethylen		24.5 ton.
	Grades :- BASF / 2425K		
	ALCOTDA/ 063		
	CODTI / 4050		
	DOW CHEMICALS / 5585 E		
	purpose: for injection molding of cap,screw caps and flat discol baby feeding bottles.		
02-10-00271	medium viscosity improved mold release grade to be		55.5 ton.
	manufactured in compliance with food additive regulations		
	governing poly carbonate resins for food contact		
	applications=21CFR,177,1580and 21 CFR 010,2010		
	purpose: to produce baby bottles		
02-10-00272	liquid silicone rubber		13 ton
	Grades :- SILASTIO 595 HC A+B		
	purpose: to produce teats of baby feeding bottles		
02-10-00273	Sodium starch glycoolate	bp98	100 kg
02-10-00274	Brilliaant blue collour		5 kg
02-10-00275	Furolak indigocarmine		5 kg
02-10-00276	carpapol 941		10 kg
02-10-00277	Galvaanized sheet gge 24		75 ton
02-10-00278	Galvaanized sheet gge 22		75 ton
02-10-00279	Aluminnum sheet gage 24		15 ton
02-10-00280	compritol 888 ATO USP23 NF 18 (GLYCERYL BEHENATE)	25 kg cardboard boxes	10 TON

PACKAGING AND PACKAGING MATERIALS

COD NO.	Capsules	QTY	UNIT
	Capsule Type Snap fit Capsule		
02-10-00281	Empty gelatin capsule size 0 printed .	750,000,000	CAPS
02-10-00282	Empty gelatin capsule size 1 printed	500,000,000	CAPS
	N.B/		

	1-5000 Capsules sample of each size is required for evaluation		
	2- For exact color & printing sample will be sent to the buyer upon it's request .		
	3-Capsules to be protected by paper / polyethylene bags packed		
	in a strong double corrugated carton .inner sides lined with		
	trays of styropore foam , outer sides wall laminated with wax		
	lamination .		
	4-Shipment and transportation should be effected in refrigerated		
	trucks ,to insure safe arrival and quality .		
	Oral Drops		
02-10-00283	1-Glass bottle droppers ,15 ml round amber bakelite	5,000,000	
	18 mm, (drawing no .SDI-18) Art no 73413 .		
02-10-00284	2-Internal plastic droppers art .no B 1810-1	5,000,000	
02-10-00285	3-White Bakelite cap (Art no . Li810)	5,000,000	
	Specifications:		
	Glass bottles to be from glass type III		
	Glass bottles should meet the limit test of alkalinity		
	(Analytical certificate is required).		
	3-Transmission of light & chemical resistance of amber glass		
	bottles & specifications to be according to USPXXI.		
	4-Bottles :Finish 17.4 mm, capacity 15 ml ,weight 31-35 gm body		
	diameter 27.8(+0.5, - 0.5)mm		
	5-Bottles to be arranged as 195(13x15)pcs/pack ,6 packs/layer 18		
	,layers / palette ,(21060 pcs /pal)packs with finish upside down .		

	6-Palette :dimensions 1200/800 , height 1400 mm weight 690 kg.		
	7- Covering : 10 pcs pads in between each 2 layers		
	1195x795(dimensions 9 pcs trays with 1195x795x100		
	mm in dimensions arranged on the bottom, then on		
	the 3,5,7,9,11,13,15,18, layer .		
	Totally covered by double plastic foil 2120/1900/0.25		
	Shrink wrapped & stripped, labels with all in formations		
	To be stacked on outer sides.		
	Plastic dropper & Bakelite cap:		
	Each kind to be packed in a well closed nylon sac of 1000 pcs & each 2 saces		
	packed in a strong worthy export corrugated card board carton in non return		
	shrink warp palette,with large outer labels on cartons		
	& palettes with all in formations & quantities inside .		
	EACH LAAYER BE COVERED BY CORRUGATED CARTON DIMENSION		
	1-ORAL DROOP GLASS BOTTLES HEIGHT 64 MM (1200x800xheight of cartone 64mm)		
	2-ORAL DROOP GLASS BOTTLES HEIGHT 57 MM (1200x800xheight of cartone 57mm)		
	3-EYE DROOP GLASS BOTTLES (1200X800Xheight oof carton 61 mm)		
	4- GLASS BOTTLES 125ml (1200X800Xheight oof carton 121 mm)		
	5- GLASS BOTTLES 70ml (1200X800Xheight oof carton 115 mm)		
	totally covered by double plastic foil 0.25 mm thickness shrink wrapped and stripped		
	Glass Bottle Dropper		
02-10-00286	Glass bottle droppers 15 ml , round ,amber finish 18 mm	5,000,000	UNIT

	(drawing no . 7B809)		
	Specifications:		
	1-Glass bottles to be from glass type III		
	2-Glass bottles should meet the limit test of alkalinity		
	(Analytical certificate is required).		
	3-Transmission of light & chemical resistance of amber		
	glass bottles & specifications to be according to USPXXI.		
	4- Bottles :Finish 19.4 mm, capacity 15 ml ,weight 19-21 gm		
	body diameter 26-27 mm height 56.7 - 57.7mm .		
	5-Bottles to be arranged as 221 pcs/pack (13x17) ,		
	6 packs /layer ,19layers/palette (25194 pcs/pal)packs		
	with the finish upside down .		
	6-Palette: dimensions 1200/800 , height 1320 mm weight		
	550 kg.		
	7- Covering : 10 pcs pads in between each 2 layers with		
	dimensions 1195x795 mm		
	10 pcs trays with 1195x100 mm dimensions arranged		
	in the bottom, then on the 3,5,7,9,11,13,15,17,19 layer .		
	Totally covered by double plastic foil 2120/1900/0.25		
	Shrink warped & stripped , labels contains all the		
	In formations To be stacked on outer sides.		
	EACH LAAYER BE COVERED BY CORRUGATED CARTON DIMENSION		
	1-ORAL DROOP GLASS BOTTLES HEIGHT 64 MM (1200x800xheight of cartone 64mm)		
	2-ORAL DROOP GLASS BOTTLES HEIGHT 57 MM (1200x800xheight of cartone 57mm)		

	3-EYE DROOP GLASS BOTTLES (1200X800Xheight oof carton 61 mm)		
	4- GLASS BOTTLES 125ml (1200X800Xheight oof carton 121 mm)		
	5- GLASS BOTTLES 70ml (1200X800Xheight oof carton 115 mm)		
	totally covered by double plastic foil 0.25 mm thickness shrink wrapped and stripped		
02-10-00287	Un graduated glass dropper , composed of glass tube ,	5,000,000	UNIT
	Black butyl rubber leucolene teat, black Bakelite cap.18mm		
	& must be assembled		
	1-Glass dropper to be from glass type III		
	2-Glass droppers to fit with glass bottle dropper 15 ml		
	finish 18 mm (drawing no. SDI-19 - improved) .		
	3- Enclosed samples of glass droppers to be supplied		
	accordingly .		
	4-To be packed in a well closed nylon sac of 1000 pcs &		
	each 2 saces packed in a strong worthy export corrugated		
	card board carton in non return shrink warp palette , with		
	large outer labels on cartons & palettes Contained all		
	in formations with quantities inside .		
	EACH LAAYER BE COVERED BY CORRUGATED CARTON DIMENSION		
	1-ORAL DROOP GLASS BOTTLES HEIGHT 64 MM (1200x800xheight of cartone 64mm)		
	2-ORAL DROOP GLASS BOTTLES HEIGHT 57 MM (1200x800xheight of cartone 57mm)		
	3-EYE DROOP GLASS BOTTLES (1200X800Xheight oof carton 61 mm)		
	4- GLASS BOTTLES 125ml (1200X800Xheight oof carton 121 mm)		

	5- GLASS BOTTLES 70ml (1200X800Xheight oof carton 115 mm)		
	totally covered by double plastic foil 0.25 mm thickness shrink wrapped and stripped		
02-10-00288	Eye drop glass bottles	10,000,000	pcs
	Glass bottles dropper 12 ml round amber (drawing no.SDI - 22 N)		
	Specification :		
	1-Glass bottles to be from glass type III		
	2-Transmission of light & chemical resistance of amber		
	glass bottles &all other specifications to be according to		
	USPXXI.		
	3-Bottles : Finish 17.05 mm, capacity 12ml ,weight,		
	23-25 gm ,body dimensions 24.5- 25.5 mm height:		
	60.5-61.5 mm		
	4-Bottles to be arranged as 255 pcs/pack (15x17) ,		
	6 packs /layer ,18 layers/palette (27540 pcs /pal) packs		
	with the finish upside down .		
	5-Palette: dimensions 1200/800 , height 1360 mm weight 700 kg		
	6- Covering : 10 pcs pads in between each 2 layers with		
	dimensions 1195x795 mm, 9 trays with 1195x795x130		
	mm dimensions covering outer sides of the palette .		
	Totally covered by double foil 2200/1900/0.25 Shrink warped & stripped		
	,labels contains all the in formations To be		
	Stacked on the outer sides.		
	EACH LAAYER BE COVERED BY CORRUGATED CARTON DIMENSION		

	1-ORAL DROOP GLASS BOTTLES HEIGHT 64 MM (1200x800xheight of cartone 64mm)		
	2-ORAL DROOP GLASS BOTTLES HEIGHT 57 MM (1200x800xheight of cartone 57mm)		
	3-EYE DROOP GLASS BOTTLES (1200X800Xheight oof carton 61 mm)		
	4- GLASS BOTTLES 125ml (1200X800Xheight oof carton 121 mm)		
	5- GLASS BOTTLES 70ml (1200X800Xheight oof carton 115 mm)		
	totally covered by double plastic foil 0.25 mm thickness shrink wrapped and stripped		
02-10-00289	Un graduated glass dropper for 12 ml glass bottle dropper , composed of Un graduated white bent glass	10,000,000	unit
	Enclosed samples of 100 sampled glass bottle with Droppers is required .		
	Samples of 200 sampled glass droppers is required		
	For evaluation .		
	To be packed in a well closed nylon sac of 1000 pcs		
	& each 2 saces packed in a strong worthy export		
	corrugated card board carton in non return shrink		
	warp palette , with large in non return shrink warp		
	Palette , with large outer labels on cartons & palettes		
	Contained all in formations with quantities inside.		
	EACH LAAYER BE COVERED BY CORRUGATED CARTON DIMENSION		
	1-ORAL DROOP GLASS BOTTLES HEIGHT 64 MM (1200x800xheight of cartone 64mm)		
	2-ORAL DROOP GLASS BOTTLES HEIGHT 57 MM (1200x800xheight of cartone 57mm)		
	3-EYE DROOP GLASS BOTTLES (1200X800Xheight oof carton 61 mm)		

	4- GLASS BOTTLES 125ml (1200X800Xheight oof carton 121 mm)		
	5- GLASS BOTTLES 70ml (1200X800Xheight oof carton 115 mm)		
	totally covered by double plastic foil 0.25 mm thickness shrink wrapped and stripped		
02-10-00290	ALUMINIUM TUBES	15,000,000	tube
	A-Aluminum tubes 13.5x70 mm cylindrical printed in		
	Two colors internally lacquered with plastic		
	Ophthalmic nozzle pick & membrane orifice with ring		
	For (Pfizer type)		
	Specifications:		
	1-The tubes must contains gasket ring made of latex		
	7 mm wide & should be fixed in side the tube approx		
	2mm (+1, -1 mm) from the tube end & should have		
	a constant thickness of 0.02 - 0.025 mm		
	2-The specification of Alum .tube & internal lacquer to be		
	according to British standard ,analytical certificate is		
	required .		
	3-Tubes to be packed by I,W,K,A Cartooning machines		
	type carton KKI.		
	4-Tubes to be packed in corrugated cartons without		
	divisions of 250 pcs/each & repacked in wooden cases		
	with outer side printed with all in formations & quantity		
	in side, Inner sides carton dimensions :		
	(length 293 x width 148 x height105mm)		

	5-In addition assembled thin carton divisions is needed &		
	to be used inside the above cartons for packing 200 tubes		
	of the finished product , the division are with the		
	following dimensions:		
	a- Partition with 15 slots size 290 x 65 mm		
	b- Partition with 9 slots size 140 x 65 mm .		
	Each 19 partitions of size (140 x 65 mm) & 9 Partitions		
	Of size (290 x 65mm) to be assembled together in one division (set) .		
	6- Packing:- Each 100 sets (assembled divisions) to be		
	packed in a worthy export strong corrugated carton &		
	Palletized , large in formation lable on the carton outer		
	Side is needed .		
02-10-00291	B-Aluminum tubes 19x100 mm cylindrical printed in	15,000,000	tube
	Two colors internally lacquered for skin oint. & creams		
	(medical) use with orifice membrane & white caps with		
	punctured thorn .		
	Specifications& packing :		
	1-The tubes must contains gasket ring made of latex		
	7 mm wide & should be fixed in side the tube approx		
	2mm (+1,-1 mm) from the tube end & should have		
	a constant thickness of 0.02 - 0.025 mm		
	2-The specification of Alum .tube & internal lacquer to be		
	according to British standard ,analytical certificate is		
	required .		

	3-Tubes to be packed by I,W,K,A Cartooning machines type carton KKI.		
	4-Tubes to be packed in corrugated cartons approx. dimensions :		
	(length 315 x width 250 x height125mm)		
	using divisions in between alum.tubes for separation & repacked in		
	wooden cases ,All necessary in formations & quantity to be printed		
	on cartons & the box in oute sides .		
02-10-00292	C- Aluminum tubes 22x115 mm cylindrical printed in Two Color	15,000,000	tube
	Internally lacquered for skin Oint . & creams (medical use) with		
	orifice membrane & white cap with punctured thorn		
	Specifications & packing :		
	1-The tubes must contains gasket ring made of latex		
	7 mm wide & should be fixed in side the tube approx		
	2mm (+1, -1 mm) from the tube end & should have		
	a constant thickness of 0.02 - 0.025 mm		
	2-The specification of Alum .tube & internal lacquer to be according		
	to British standard ,analytical certificate is required .		
	3-Tubes to be packed by I,W,K,A Cartooning machines type carton KKI.		
	4-Tubes to be packed in corrugated cartons approx. dimensions :		
	(length 315 x width 260 x height125mm)		
	using divisions in between alum.tubes for separation &		
	repacked in wooden cases ,All necessary in formations		
	& quantity to be printed on cartons & the box in outer		

	sides .		
02-10-00293	Glass bottles 125ml finish 28mm round amber	35,000,000	bott.
	Specifications:		
	1-Glass bottles to be from glass type III .		
	2-Glass bottles should meet the limit test of alkalinity		
	(Analytical certificate is required).		
	3-Transmission of light of amber glass bottles should be		
	according to USPXXI.		
	Bottle Packing : to be arranged as 63 pcs/pack(7x9)		
	6 packs/layer. 9 layers /pal (3402 pcs/pal), packs with		
	the finish up side down in separately shrink wrapped		
	quantities .		
	Palette size 1200/800 mm ,		
	height : 1330 mm		
	Weight : 375/ 410 kg .		
	5-Covering One pad on bottom with 1195x795x795 mm		
	dimensions , 9 trays on all layers covering outer sides		
	of the palette with 1195x795x100 mm dimensions .		
	Totally covered by double plastic 2400/1900/0.25		
	Shrink warped & stripped , labels contains all the in		
	Formations To be stacked on the outer sides.		
	EACH LAAYER BE COVERED BY CORRUGATED CARTON DIMENSION		
	1-ORAL DROOP GLASS BOTTLES HEIGHT 64 MM (1200x800xheight of cartone 64mm)		
	2-ORAL DROOP GLASS BOTTLES HEIGHT 57 MM (1200x800xheight of cartone 57mm)		
	3-EYE DROOP GLASS BOTTLES (1200X800Xheight oof carton 61 mm)		

	4- GLASS BOTTLES 125ml (1200X800Xheight oof carton 121 mm)		
	5- GLASS BOTTLES 70ml (1200X800Xheight oof carton 115 mm)		
	totally covered by double plastic foil 0.25 mm thickness shrink wrapped and stripped		
02-10-00294	Glass bottles 125 ml , finish marked to 100 C.C 28 mm , round , amber.	15,000,000	bott.
	Specifications:		
	1-Glass bottles to be from glass type III round amber .		
	2-Glass bottles should meet the limit test of alkalinity		
	(Analytical certificate is required).		
	3-Transmission of light & chemical resistance of amber glass.		
	glass bottles should be according to USPXXI.		
	4-Glass bottles to be packed with finish up side down in		
	a separately shrink warped quantities, arranged in Layers		
	separated totally by pads & trays covered in Between layers &		
	the outer sides on totally nylon Shrink wrapped palette		
	5- Glass bottle to be marked to 100 c.c for suspension .		
	6- labels contains all above information to be stacked on		
	EACH LAAYER BE COVERED BY CORRUGATED CARTON DIMENSION		
	1-ORAL DROOP GLASS BOTTLES HEIGHT 64 MM (1200x800xheight of cartone 64mm)		
	2-ORAL DROOP GLASS BOTTLES HEIGHT 57 MM (1200x800xheight of cartone 57mm)		
	3-EYE DROOP GLASS BOTTLES (1200X800Xheight oof carton 61 mm)		
	4- GLASS BOTTLES 125ml (1200X800Xheight oof carton 121 mm)		

	5- GLASS BOTTLES 70ml (1200X800Xheight oof carton 115 mm)		
	totally covered by double plastic foil 0.25 mm thickness shrink wrapped and stripped		
02-10-00295	VIALS	10,000,000	vial
	Glass bottles, 10ml vials , white , round finish 20mm ,used for packing Antibiotic powders.		
	Specifications & Packing :-		
	A-Glass bottles to be packed in corrugated trays of 240pcs		
	& arranged in layers totally covered with the outer palette		
	.sides by corrugated trays on a totally double layer		
	polyethylene of 0.4 mm thickness shrink wrapped palette .		
	- Large outer labels printed with all above in formation to		
	be stacked on palette .		
	B-Glass bottles(vials) are used for packing antibiotic		
	Powders made from glass type III which should meet the		
	Limit test of alkalinity & chemical resistance of glasses		
	According to USPXXI(analytical certificates is required)		
	- Samples of 200 G.B is required for evaluation .		
	EACH LAAYER BE COVERED BY CORRUGATED CARTON DIMENSION		
	1-ORAL DROOP GLASS BOTTLES HEIGHT 64 MM (1200x800xheight of cartone 64mm)		
	2-ORAL DROOP GLASS BOTTLES HEIGHT 57 MM (1200x800xheight of cartone 57mm)		
	3-EYE DROOP GLASS BOTTLES (1200X800Xheight oof carton 61 mm)		
	4- GLASS BOTTLES 125ml (1200X800Xheight oof carton 121 mm)		
	5- GLASS BOTTLES 70ml (1200X800Xheight oof carton 115 mm)		

	totally covered by double plastic foil 0.25 mm thickness shrink wrapped and stripped		
02-10-00296	Rubber Plugs	20,000,000	pcs
	Rubber plugs from butyl rubber for antibiotic vials (B.S. 3263-1960)		
	Color red(According to DIN58 366 - JS8).		
	- Quality : FM 50% Chloro butyl rubber , color red.		
	Samples of 2000 pcs is required for evaluation.		
	Packing :		
	Each 7000 pcs packed in Polyethylene sac & Repacked in a		
	strong double layer corrugated carton on A totally shrink		
	palette . Large label printed with all in formations to be stacked		
	On cartons & palettes		
	Aluminum Sealing	50,000,000	pcs
02-10-00297	A-Aluminum Cap pilfer proof ,28 mm , whit color printed		
	In One color according to DIN 60945 (28x18mm)		
	Specifications:		
	Thickness of alum .cap to be 0.23 mm		
	The points between caps & it's ends must be proper to open the cap easily after closing		
	according to the standard torque force for each .		
	3-The pad to be 2.4 mm thickness & well fitted to the caps		
	To ensure no separation .		
02-10-00298	B-Aluminum caps for antibiotic vials ,high 8 mm	20,000,000	pcs
	,thickness 0.22 mm(-0.2 , +0.2 mm) diameter 20 mm		
	(Group 13 DIN 266-BM2-13)		
	- Samples of 5000 pcs is required for evaluation		
02-10-00299	Ampoules Labels	300,000	meter

	Automatic labeling machine HAPA 411 Heat seal paper		
	Quality : thermo - sensitive PBL3 55 NR. Kromekote		
	weight :paper 78 g/m2		
	Emulsion 18 g/m2 (+0.5, -0.5g)		
	Totally :96 g/m2		
	Size :Narrow roll width 32(+0.2, -0.2) mm		
	Core diameter 76 mm		
	Outer diameter max.380 mm		
	Length of roll max 1000mm		
	Splices spots: max 1 per roll		
	Each 1 ml ampoules needs 15 mm label		
	Each 2 ml ampoules needs 24 mm label		
02-10-00300	Self Adhesive labels	100,000,000	pcs
	1- Pharmaceutical labels printed in two colors 70gm of self		
	adhesive roll size 40 x 80 mm		
	to be used on nor print machine		
	.		
	the distance between each 2 successive labels is 2.5mm		
	Each roll contains 9000-10000 labels .		
	Foil direction (foil winding) is anti -wise direction .		
	Roll core diameter is 70-75 mm One roll sample is need .		
02-10-00301	2- Pharmaceutical labels printed in two colors on self	30,000,000	pcs
	adhesive paper roll size 22 x 52 mm to be used in C.E.		
	King machine model collimate 70.		
	the distance between each 2 successive labels is 2.5mm		
	Each roll contains 9000- 9500 labels .		
	Labels to be suitable for sticking on siliconized outer		
	Surface treated glass bottles .		
	One roll sample for evaluation is need .		

02-10-00302	Label reel to be used for self adhesive	10,000,000	pcs
	Automatic labeling m/cs ' Neri machines		
	the distance between each 2 successive labels is 3mm		
	label dimensions = 80 mm long x 40mm height		
	reel max .diameter = 250-300mm		
	reel core diameter = 70-75 mm		
	fail un winding to be clock wise direction .		
	labels to be from out side of the foil reel and in the position.		
	- One roll sample is need		
	Special inks to print over p.v.c bags		
	(According to 1.C.I, Bermann cod No.)		
02-10-00303	Red K20	100	liter
02-10-00304	Green K40	100	liter
02-10-00305	Blue K31	100	liter
02-10-00306	Black K65	50	liter
02-10-00307	Yellow K10	25	liter
02-10-00308	Terriquaze K34	35	liter
02-10-00309	Violet K37	10	liter
02-10-00310	Marrone K23	10	liter
02-10-00311	Brown K50	25	liter
02-10-00312	Gray	25	liter
02-10-00313	Pink	15	liter
02-10-00314	White	75	liter
02-10-00315	13-Orange K15	15	liter
02-10-00316	ink for printing machine - special - stempel r 9	20	liter
	Solvent for the inks above		
02-10-00317	1- Solvent KVS	500	liter
02-10-00318	2- SOLVENT KVB	100	liter
02-10-00319	3- Solvent KD	50	liter
	Glue		
02-10-00320	1- Strunck -col -S	3,000	kg
02-10-00321	2-Strunck -col-N	20,000	kg
	Flex graphic		
02-10-00322	(thermal resistant ink)	25	liter
02-10-00323	Black color	25	liter

02-10-00324	Red color	300	liter
02-10-00325	Non Toxic p.v.c sheath	150	ton
	105 / 0.35 mm		
	weight of roll 14 - 15 kg		
	Core diameter 110 mm		
	Acceptable foreign particle seen under polarized light 3% max		
02-10-00326	NON TOXIC P.V.C TUBE	10 TON	ton
	6.3 - 7.9 mm		
	weight of roll 4-5 kg		
	Core diameter 170-180 mm		
02-10-00327	Stopper for I.V solution bag special macrolon stopper	8,000,000	
	T.N.C.A 500 pcs or 1000 / sealed P.E bag 5-10 bags in carton box .		
	PVC /PVC Cables , insulated copper cable size of:		
02-10-00328	3x 2.5 mm2 0.6 /1 kV	20,000	meter
02-10-00329	3x4 mm2 0.6 /1 kV	5,000	meter
02-10-00330	3x6 mm2 0.6 /1 kV	2,000	meter
02-10-00331	3x6 mm2 0.6 /1 kV	1,000	meter
	PVC /PVC Cables , insulated and sheathed circular copper		
	Cable to BS 6004 and VDE / 027/ four - core siz of :		
02-10-00332	3x35+16+E mm2	500	meter
02-10-00333	3x50+25+E mm2	500	meter
02-10-00334	3x70+35+E mm2	500	meter
02-10-00335	3x95+50+E mm2	250	meter
	SPARE PARTS AND MACHINE SPARE PARTS for powder filling machine 3 EMME type DZ1/2mf Ref 9249		
code	item	Qty.	
02-10-00336	clutches NEB 0603210	5	
02-10-00337	group NEB 0610607	5	
02-10-00338	Timer PDX C3524 v AC	3	
02-10-00339	senser S118C5 NPN VC	3	
02-10-00340	Micro switches Xe NP102	4	
02-10-00341	Timer CM 50T/4	3	
	spare parts for (HAPPA) labeling machine (411-99)		
	item	Qty.	
02-10-00342	Stepping motor	2	

02-10-00343	Heating cartidge (85mm)	4	
02-10-00344	Printed labeling controller	2	
02-10-00345	Printed labeling heat controller	2	
02-10-00346	Senser PT 100	5	
02-10-00347	Complete heated labeling drum	2	
	CAM PACKAGEING SYSTEM cartonng machine		
	COMPANY NAME :CAM (BLOGNA-ITALY) SERIAL NO. : C.640 SHF 77.6		
code	item	Qty.	
02-10-00348	1)Rectangular suckers	60	
02-10-00349	2)Carton magazine suckers	30	
02-10-00350	3)Carton magazine suckers	30	
02-10-00351	4)Carton magazine suckers	30	
02-10-00352	5) Carton magazine suckers	30	
	spare parts for sashet filling machine HASSIA		
	Machine no. : 125690482 type :FVP 20/18		
	item	Qty.	
02-10-00353	cylinder sensor PT100for horizontal heater (B1)	10	
02-10-00354	cylinder sensor PT100for heater (B1)	10	
02-10-00355	heating cartridge	15	
02-10-00356	heating cartridge	15	
02-10-00357	clutch	15	
	SPEAR PARTS FOR CAM-PACKAGING MACHINE		
	SMASH COMPACT/S BOLOGNA- ITALY NR-MATRICOLA 1CX21409		
	MACHINE SERIAL : C640 SHF 77.9		
code	item	Qty.	
02-10-00358	Rectangular suckers	60	
02-10-00359	Carton magazine suckers	30	
02-10-00360	Carton magazine suckers	30	
	Spare PARTS FOR CAM PACKAGING cartonng machine		
	COMPANY NAME :CAM (BLOGNA-ITALY) SERIAL NO. : C.640 SHF 77.6		
code	item	Qty.	
02-10-00361	Rectangular suckers	50	
02-10-00362	Carton magazine suckers	30	
02-10-00363	Carton magazine suckers	20	

	SPARE PARTS FOR CARMICHAEL LINE(SYRUP)/FILLING AND CAPPING MACHINE		
	CORBY , NORTHAM PTONSHIRE NN172 DT MACHINE TYPE :L112		
	SERIAL NO. :L112-129 M.D: 1989		
code	item	Qty.	
02-10-00364	Spherical joint PHS16	60	
02-10-00365	Belt Lo75-420	3	
02-10-00366	Roller bearing NA172916	6	
02-10-00367	Roller bearing AB 9-1310 P	25	
02-10-00368	U218150 gaskets	50	
02-10-00369	Thread roller set complete with bush, spring and roller housing for BECA head	10	
02-10-00370	Thrust bearing India 9mm,outdia 17mm,thickness 4.3 mm	40	
02-10-00371	Thrust bearing India 7mm,outdia 15mm,thickness 6mm	40	
02-10-00372	Star wheel Infeed (plastic disk for bottle 125ml)	1	
02-10-00373	Star wheel outlet (plastic disk for bottle)	2	
02-10-00374	Complete capping head	10	
02-10-00375	Curved entry & excited guide	1	
02-10-00376	Infeed conveyer screw	1	
02-10-00377	Complete cap vibrator with cap track	1	
02-10-00378	sliding piston	16	
	SPARE PARTS FOR ACEA LABILLING MACHINE		
	corby,northam ptonshire NN172 DT serial No. 727		
	model : 12T/S1/E1 M.D: 1989		
	item	Qty.	
02-10-00379	roll bearing NK4030 A	6	
02-10-00380	infeed scroll	1	
02-10-00381	body pallet for bottle 125 ml	8	
02-10-00382	set sponges (roller of etangalar)	5	set
02-10-00383	ink roller	10	
02-10-00384	air reduction filler/lubricator unit	1	
02-10-00385	upper disk	1	
02-10-00386	lower disk	1	
02-10-00387	rubber glue roller	4	

02-10-00388	brush	12	
	SPEAR PARTS FOR Steam boilers		
	TYPE:LOOS		
	(serial No. 2865095 type RMS 70/2-A)		
code	item	Qty.	
02-10-00389	Serro drive type SQM10	8	
02-10-00390	Oil regulator	2	
02-10-00391	Control segment	2	
02-10-00392	Burner motor	4	
02-10-00393	Mano meter	4	
02-10-00394	Value meter	2	
02-10-00395	Rectifier aggregate	2	
02-10-00396	Solenoid valve carr. Ent-less open	4	
02-10-00397	Solenoid valve curre. Ent -less closed	4	
02-10-00398	Solenoid valve curre. Ent-less closed	4	
02-10-00399	Pressure monitor for full oil	2	
02-10-00400	Sensor PT/100	3	
02-10-00401	Solenoid nozzle head	4	
02-10-00402	Solenoid coil	4	
02-10-00403	Nozzle plate	4	
02-10-00404	Swirl plate	4	
02-10-00405	Nozzle support	4	
02-10-00406	Ignition decode	4	
02-10-00407	Burner control	8	
02-10-00408	Flame feder	4	
02-10-00409	Ignition transformer	4	
02-10-00410	Temperature regulator	2	
	Level switch NRS-1-4b		
02-10-00411	Heating body RMS 70	4	
02-10-00412	Temperature regulator	4	
02-10-00413	Sensor PT 100	4	
02-10-00414	Thermometer	3	
02-10-00415	Pressure gauge	4	
02-10-00416	Water level controller	4	
02-10-00417	SPEAR PARTS FOR CHILLERS " Trane "		
	88190 Golbey FRANCE ECVGB 080		
	Kalteanalge		
	Baujahr 1986		
	Type ECVGB 080		
	Fabrik number E83689		
	Kalteistuny 2785 KW		
	Kalte mittel R12		

	Fullge wicht 750 KG		
	ZULASSIYER BETRIEB SUBER DRUCK ND/HD / 10.5 bar ORDER No. 17F 719		
	MODEL No. ECVGB 080 M1 MBGTH2SAEH2SAD1336E 310000000 A1D		
	Serial No. E83689 COMP ECCGB080 E1AGTTB		
code	item	Qty.	
02-10-00417	Over all kit repear	3	
02-10-00418	Actuator PST-007E	3	
02-10-00419	Oil pressure control CNT 033E	3	
02-10-00420	Capacity control module PNL 341E replaced by MOD - 0012	6	
02-10-00421	Heating element HTR 439	6	
02-10-00422	Printed circuit board BAS 046E	6	
02-10-00423	Motor oil pump Mot 1313	4	
02-10-00424	Thermo regulator PLN 8860 replaced by MOD - 0012	6	
02-10-00425	Oil pump PMP-462	4	
02-10-00426	Bracket BRK-046E	3	
02-10-00427	Lever LEV-001e	3	
02-10-00428	Adapter ADP-002E	3	
02-10-00429	Adapter ADP-003E	3	
02-10-00430	Oil pump timer-1min TRM 015E	4	
02-10-00431	Fuse 125A for chilled water pump	50	
02-10-00432	Chilled water pump KSB Etanorm G100- 250GI-2900 r.p.m	3	
02-10-00433	Motor for chilled water pump schorch Type KA3250M-AB011053	3	
	S1 55KW 380 V 100 A		
	50 Hz 2965 rpm		
02-10-00434	Complete starter siemens for chilled water motor 3NP 5060-0E-66-110bis 3	6	
02-10-00435	Thermostat type (A19 ABC-9104)250V	6	
02-10-00436	Solid state motor protection CH-C835AG4 SER.B1	6	
02-10-00437	Stator stat RLY 128E	3	
02-10-00438	Timer 30min TMR 014E	6	
02-10-00439	Relay 110 V RLY 129E	36	
02-10-00440	High pressure control CNT 063E	4	
02-10-00441	Low pressure control CNT 015E	4	
02-10-00442	Circuit breaker RLY 130E	15	
02-10-00443	Indicating light LIT 015E	21	

02-10-00444	Oil pressure gouge GAG 024E	3	
02-10-00445	High pressure gauge GAG 023E	3	
02-10-00446	Low pressure gauge GAG 017E	3	
02-10-00447	"O" Ring GKT 120E	6	
02-10-00448	"O" Ring GKT 119E	6	
02-10-00449	Complete high tension circuit breaker(starter) 6.6 KVA type RLY 130 E	3	
	Punch for KORSCH PRESSEN 6 PUNCHES TYPE : PH 108 No.1.0054.89		
	N.B One set = 7 upper punches + lower punches + 7 dais)		
code	item	qty.	
02-10-00450	A* punch diameter 5.0 mm flat , beveled edge + dais	1	set
02-10-00451	B* punch diameter 7.0 mm flat , beveled edge + dais	1	set
02-10-00452	C* punch diameter 7.1 mm flat , beveled edge + dais	1	set
02-10-00453	D* punch diameter 9.0 mm flat , beveled edge + dais	1	set
02-10-00454	E* punch diameter 12.0 mm flat , beveled edge + dais	1	set
02-10-00455	F* punch diameter 7.1 mm flat , beveled edge ,break line + dais	1	set
02-10-00456	G* punch diameter 7.9 mm flat , beveled edge ,break line + dais	1	set
02-10-00457	H* punch diameter 10.3 mm flat , beveled edge ,break line + dais	1	set
02-10-00458	I* punch diameter 12.7 mm flat , beveled edge ,break line + dais	1	set
02-10-00459	J* punch diameter 7.1 mm flat , beveled edge ,break line + dais	1	set
02-10-00460	K* punch diameter 7.0 mm shallow concave	1	set
02-10-00461	L* punch diameter 7.0 mm deep concave	1	set
02-10-00462	M* punch diameter 9.0 mm shallow concave	1	set
02-10-00463	N* punch diameter 10.3 mm deep concave	1	set
02-10-00464	O* punch diameter 12.0 mm shallow concave	1	set

02-10-00465	P* punch diameter 15.8mm deep concave	1	set
02-10-00466	Q* punch diameter 12.7 mm shallow concave	1	set
02-10-00467	R* punch diameter 10.0 mm length , 19.3 mm oblong + dais	1	set
02-10-00468	S* Ellipsoidal shape + dais	1	set
02-10-00469	Double door steam sterilizer (Autoclave) size 900 x 1310 x 1550 or	4	
	equivalent with all necessary accessories to put the unite		
	ple included		
	st st trays and drolly		
	spear parts for 2 years		
	any recorderd optional		
	SPARE PARTS FOR HITZINGER GENERATORS .		
	QUANTITY INSTALLED : 2 NO.		
	HEDEMORA DIESEL ENGINE , TYPE V16A / 15		
	, SERIAL NO: 602-682		
	ENGINE		
	item	qty.	
02-10-00470	GASKET , PART NO. 6. 128.451	4	
02-10-00471	FUEL FEED PUMP ,	1	
02-10-00472	SEALING WATER PUMP, PART NO. 6.163.517	4	
02-10-00473	SEALING WATER PUMP, PART NO. 6.163.512	4	
02-10-00474	SEALING WATER PUMP , PART NO. 6.163.513	4	
02-10-00475	PLUG , PART NO. 6.163.510	1	
02-10-00476	O- RING 249,1X8,4 , PART NO. 6.501.2493	4	
02-10-00477	O- RING 199,3 X 5,7 , PART NO. 6.501.1995	4	
02-10-00478	PRE HEATER (1433,220V , 50HZ , 2250W) . , PART NO. 6.130.1220	4	
02-10-00479	STARTER MOTOR , PART NO. 6.055.534	1	
02-10-00480	DRIVE GEAR , PART NO. 6.055.520	1	
02-10-00481	O-RING 89,5X3 , PART NO. 6.501.893	2	
02-10-00482	OVAL FLANGE , PART NO. 6.017.146	1	
02-10-00483	EXHAUST PYROMETER ,	32	
02-10-00484	GAUGE FOR CHARGE AIR	2	

02-10-00485	GAUGE FOR FUEL OIL	2	
02-10-00486	INSTRUMENT FOR EXHAUST TEMP	2	
02-10-00487	DRILLED SCREW , PART NO. 6.017.036	10	
02-10-00488	DRILLED SCREW , PART NO. 6.134.181	10	
02-10-00489	CYLINDER LINER , PART NO. 6.008.081	32	
02-10-00490	BALL ADJUSTING SCREW , PART NO. 6.020.157	4	
02-10-00491	NUT FOR BALL ADJUSTING SCREW , PART NO. 6.020	4	
02-10-00492	ROCKER ARM (EXHAUST) , PART NO. 6.020.139	1	
02-10-00493	ROCKER ARM BRACKET ASSY , PART NO. 6.020.136	2	
02-10-00494	JOURNAL ROCKER ARM , PART NO. 6.020.129	2	
02-10-00495	BUSH , PART NO. 6.020.128	2	
02-10-00496	SGA25 ,	2	
02-10-00497	PRECHAMBER NOZZEL , PART NO. 6.017.023	32	
02-10-00498	FUEL INJECTOR NOZZEL , PART NO. 6.017.013	20	
02-10-00499	RUBBER HOSE , PART NO. 6.130.1524	32	
02-10-00500	PLUNGER AND BARREL , PART NO. 6.017.027	20	
02-10-00501	PRESSURE VALVE , PART NO. 6.017.041	20	
02-10-00502	GASKET , PART NO. 6.017.152	20	
02-10-00503	YOKE , PART NO. 6.017.147	1	
02-10-00504	MC65X 14 X 90 ,	2	
02-10-00505	CYLINDER HEAD , PART NO. 6.250.002	3	
02-10-00506	SET OF GASKET , PART NO. 6.250.040	18	
02-10-00507	SPRING , PART NO. 6.017.145	20	
02-10-00508	PUSH ROD , PART NO. 6.020.083	4	
02-10-00509	TEMP . 35ú / PRESSURE 3.5 BAR SWITCH , PART NO. 6.230.341	2	
02-10-00510	TEMP . 95 ú / PRESSURE 3 BAR SWITCH , PART NO. 6.230.343	2	
02-10-00511	TEMP . 85ú / PRESSURE 1.5 BAR SWITCH , PART NO. 6.230.480	2	
02-10-00512	GAUGE LINE (MONOMETER SLANG) ,	20	m
02-10-00513	CONNECTIONS FOR GAUGE LINE	20	
02-10-00514	TOOL FOR ABOVE	1	
02-10-00515	PRESSURE GAUGE F.W.	2	
02-10-00516	FORTAFIX CEMENT	1	

02-10-00517	TOOL FOR PRECHAMBER NOZZEL	1	
02-10-00518	WRENCH FOR CONNECTING ROD NUT	1	
02-10-00519	HIGH PRESSURE PIPE	2	
02-10-00520	COOLING WATER PIPE, DIAMETER 26MM SILICON	15	m
02-10-00521	COOLING WATER PIPE , DIAMETER 18MM SILION .	2	m
02-10-00522	CLAMP 26-38	90	
02-10-00523	CLAMP 18-26	20	
02-10-00524	COOLING WATER SWITCH SIKA	4	
02-10-00525	OVER VOLTAGE RECTIFIER	2	
02-10-00526	ROTATING DIODES	6	
02-10-00527	FUSE 16A	4	
02-10-00528	CONTACTER RELAYS ASEA EH6 - 22E	34	
02-10-00529	CONTACTER RELAYS ASEA EH32-22	8	
02-10-00530	CONTACTER RELAYS ASEA SK819003 - A	12	
02-10-00531	CONTACTER RELAYS ASEA EH12-10	10	
02-10-00532	TIME CONTACTER ASEA SK819013-A	14	
02-10-00533	THERMO RELAYS ASEA RVH22 1-1, 6 A	1	
02-10-00534	TGERMO RELAYS ASEA RVH22 1,6-2,5 A	2	
02-10-00535	THERMO RELAYS ASEA RVH22 6-9 A	4	
02-10-00536	THERMO RELAYS ASEA SK832113-P 22 - 32 A	8	
02-10-00537	TIME RELAYS TELE E.D.K 0-180 M	8	
02-10-00538	TIME RELAYS E2X20	8	
02-10-00539	CURRENT RELAYS KVHSE	4	
02-10-00540	SWITCH KROUS & NAIMER A-361	1	
02-10-00541	SWITCH KROUS & NAIMER A- 214	4	
02-10-00542	SWITCH KROUS & NAIMER A-007	2	
02-10-00543	SWITCH KROUS & NAIMER A-3781	2	
02-10-00544	SWITCH KROUS & NAIMER A-200	4	
02-10-00545	SWITCH KROUS & NAIMER A-178	2	
02-10-00546	START SWITCH BOSCH	2	
02-10-00547	EMERGENCY SWITCH	2	
02-10-00548	RELAYS BOSCH 24V	2	
02-10-00549	FUSE AUTOMAT 3 PHASE U 10 A BBC	7	
02-10-00550	FUSE AUTOMAT 3 PHASE K 10 A BBC	3	
02-10-00551	FUSE AUTOMAT 1 PHASE U 10 A BBC	15	
02-10-00552	FUSE AUTOMAT 1 PHASE U 16 A BBC	3	
02-10-00553	FUSE AUTOMAT 1 PHASE K 10 A BBC	2	
02-10-00554	FUSE AUTOMAT 1 PHASE K 16 A BBC	2	
02-10-00555	FUSE AUTOMAT 1 PHASE Z 40 A BBC	3	
02-10-00556	FUSE AUTOMAT 3 PHASE K 16 A BBC	2	

02-10-00557	FREQUENCY METER 96 X 96 MM	2	
02-10-00558	VOLT- METER 0- 500 V 96 X 96 MM	2	
02-10-00559	KW- METER 0- 1500 - 3000 / 5 A 96 X 96 MM	2	
02-10-00560	A- METER 0-6 KA 3000 / 5 A 96 X 96 MM	6	
02-10-00561	VOLT - METER 0- 40 N 72 X 72 MM	3	
02-10-00562	CHARGING DEVISE GBE 24/18	2	
02-10-00563	SYN DEVISE ASE 30	1	
02-10-00564	VOLTAGE W 120	4	
02-10-00565	SET OF SPECIAL TOOLS	1	
02-10-00566	BEARING COMPLETE CE . PART NO. 32	4	
02-10-00567	BEARING COMPLETE TE . PART NO. 38	4	
02-10-00568	GASKET , PART NO. 58.5	8	
02-10-00569	NOZZEL RING , PART NO. 030	2	
02-10-00570	SHAFT (ROTOR COMPLETE) , PART NO. 20	2	
	SPEAR PARTS FOR M80 BLISTER MACHINE		
	SERIAL NO. S06.037, S06.042, S06.043		
	item	Qty.	
02-10-00571	Pneumatic cylinder UC2 32 x20 farolfi for first pincer	21	
02-10-00572	First pincer	7	
02-10-00573	Pneumatic cylinder UC2 40x35 farolfi for pre-heating	10	
02-10-00574	Vacuum pump completed with motor	3	
02-10-00575	Oil seal for above pump	30	
02-10-00576	Vacuum blades for above pump	21	set
02-10-00577	Maine drive v-belt S 301/4 -57	21	
02-10-00578	Filter housing complete for vacuum pump	14	
02-10-00579	Filter cartridges for above	21	
02-10-00580	Small screws, washers, nuts,etc of the whole machine	4	set
	Water cooling unit assembly		
02-10-00581	Water pump completed	5	
02-10-00582	Mechanical seal assembly for above pump	7	
02-10-00583	Refrigeration compressor for above cooling unit	20	

02-10-00584	Oil seal + "O" ring for hydraulic cylinder (f.n, N.6)	7	
02-10-00585	The pincer (Fig P,N.1)	21	set
02-10-00586	Gear box for main drive machine	7	
02-10-00587	Pulley for above gear box	7	
02-10-00588	Caps springs in forming station ø40-10,2-0,9	7	
02-10-00589	Springs in forming / sealing station	100	
02-10-00590	Springs for aluf oil brake	20	
02-10-00591	Springs for idle pincer	20	
02-10-00592	Compensating roller return springs	20	
02-10-00593	Bearing No. NUTR 4090	20	
02-10-00594	Bearing No. NUTR 2562	25	
02-10-00595	Exit pincer springs(drawing Arial)	40	
02-10-00596	Stabilizer springs	20	
02-10-00597	De-vacuum valve springs	20	
02-10-00598	Kit gaskets for ø22 sealing oil cylinder	20	
02-10-00599	Kit gaskets for ø32 pincers cylinder	10	
02-10-00600	Kit gaskets for ø40 pre-heating cylinder	20	
02-10-00601	Kit gaskets for ø50 compensator cylinder	10	
02-10-00602	Kit gaskets for ø63 pre-punches cylinder	20	
02-10-00603	OR gaskets for matrix	10	
02-10-00604	OR gaskets for matrix	20	
02-10-00605	OR gaskets for matrix	20	
02-10-00606	Long conveyor belt x ASB30 type TIR 27	20	
02-10-00607	Bronze muffler 3/8	7	
02-10-00608	Regulator 1/8 ø 6	15	
02-10-00609	Nyliner bushes 16L 16F	15	
02-10-00610	Solenoid valve for pre-heating G50 V24 A.C	4	
02-10-00611	Different hoses	3	
02-10-00612	Pneumatic selector (Drodoni)	30	m
02-10-00613	Hose for closure cylinder	4	
02-10-00614	Motor, gear box & chain for cutter blister (Fig. R)	4	
02-10-00615	Gear box, chain & sprocket wheel (Fig.R)	7	
	SPEAR PARTS FOR CARTING HF77		

	SERIAL NO. C-640-SHF 77-8		
	item	Qty.	
02-10-00616	Sprocket wheels for carton transport chain (HS-7.14 Z=48x ½ inch)	28	
02-10-00617	Sprocket wheel for carton transport chain (HS-7.6 Z=48x ½ inch)	28	
02-10-00618	Carton transport chain complete	24	
02-10-00619	Arrow switch B5272	4	
02-10-00620	Arrow key switch B7716,B5273x3	2	
02-10-00621	Door limit switch B6584 type 2-15GQ 22	10	
02-10-00622	Limit switch type B0726 B2-2RQ77	5	
02-10-00623	Door motor 240v, 50hz. B13574	3	
02-10-00624	Vacuum switch (10-30"HG) B4799	3	
02-10-00625	Vacuum switch (10-15"HG) B4651	3	
02-10-00626	Ledex rotary switch B4296	3	
02-10-00627	Diode b6619	4	
02-10-00628	E-type temp. switch 30-100oc B6646	4	
02-10-00629	St.steel Fitz mill or similar variable speed 1000,2250,4600 RPM with	6	unit
	All accessories to put the machine in operation		
	Any optional recommended and safty devices		
	10 St.steel screen of each		
	1/8" round perforation		
	1/16" round perforation		
	1/25" round perforaation		
	Recommended spare parts for two years including blades,V-belts,Bearing		
	The voltage for the machine must be 3ph-380V-50hz+N+E		
02-10-00630	CARTRIDGE FILTER ELEMENT FOR WATER TREATMENT	60	pcs
	TYPE DOMINICK HUHTERPEPLYN OR SIMILAR		
	rating 10 micron		
	code ZCMP 1- 010B		
	com No. 533504463		
02-10-00631	CARTRIDGE FILTER ELEMENT FOR WATER TREATMENT	60	pcs

	TYPE DOMINICK HUHTERPEPLYN OR SIMILAR		
	rating 1-5 micron		
	code ZCMP 2- 0015B		
	com No. 533504430		
02-10-00632	CARTRIDGE FILTER ELEMENT FOR WATER TREATMENT	60	pcs
	TYPE DOMINICK HUHTERPEPLYN OR SIMILAR		
	rating 0-2 micron		
	code ZCMP 2- 020A-B		
	com No. 533501710		
02-10-00633	BAJERICIDAL U.V TUBES FOR STERILE ROOMS	1,000	pcs
	Wave length 253.7 nanometer		
	Output energy(intensity) 15W=64 mw/cm2		
02-10-00634	BAJERICIDAL U.V TUBES FOR STERILE ROOMS	1,000	pcs
	Wave length 253.7 nanometer		
	Output energy(intensity) 30W=83 mw/cm2		
02-10-00635	PALLET MANUAL HYDROLYIC OPERATION LEFTING TRUCK	40	unit
	capacity 2000 kg		
	lift high 120 mm		
	fork length 120 mm		
	recommended spare part to be included and mentioned in the offer		
	(list of spare part) FOR 5 YEARS		
02-10-00636	Deblistering machine suitable for tablet and capsule with all accessories		
	to put the machine in operation with one size		
	extra change part for different size to be offered		
	Aluminum over printing machine		
	automatic printing machine on aluminum roll sheet width 300 mm and		
	variable speed up to 5000 m/hr. to feed the ink automatic to the ink roll.		
	*automatic ink drying unit after printing.		

	*all part with contact to aluminum rool to be St.-St.		
	*all accessories needed to put the machine in operating.		
	*spare part for two years (list of spare part to mentioned) .		
02-10-00637	*single printing colour machine	5	unit
02-10-00638	*double printing colour machine .	5	unit
02-10-00639	coating pan electricaly heated	10	unit
	complete trailitional St.-Steel 316 coating pan size 40" finished WT		
	capacity 120 kg with inteval		
	bevels and all necessary accessories to put the machine in operation ,		
	any recommended option all		
	spare parts for two years (list to be attached)		
02-10-00640	Powde mixer - kneader capacity 300 L	1	unit
	*warking capaacity 150-200 L		
	*mixing chamber made of St.-St. 316		
	*hydraulic lifting cover and tilting type		
	*spare parts for two years (list to be mentioned)		
	FILTERS		
02-10-00641	1-membeane filter for liquid 293 mm 0.2-0.22 micron	5,000	pcs
02-10-00642	2-membeane filter for liquid 293 mm 0-45 micron	5,000	pcs
02-10-00643	3-pre filter type A15 millipore or similar 257 mm	7,000	pcs
02-10-00644	4-membrane filter for liquid 142 mm 0-45 micron	2,000	pcs
02-10-00645	Fully automatic deionized water treatment plant capacity 10 000 L/hrs.	3	unit
	the plant consist of		
	*one row water tank		
	*one water pump		
	*sand filter		
	*one carbon filter		
	*one filtared water tank 5-6M3 with pump		

	*cataion filter		
	*anaion filter		
	*mixed bed filter or polished filter		
	*one D-M water stroage tank		
	*one D-M water pump		
	*storage tank for HCL 30 % 1 M3		
	*storage tank for coustic soduim 30-37 % 1 M3		
	*injection system for reginaration		
	*any recommened accessories and optional to put the plant in operation ,		
	with complete control sys.		
	*specification of D-M water		
	conductivity 0.2-0.5		
	micron semimes /cm.		
	PH 5-7		
	*comissioing and instalotion , triaaning to be included		
02-10-00646	FULLY AUTOMATIC STEAM STERILIZER DOUBLE DOOR ONE IN ONE SIDE		
	FOR LOADING THE UNIT AND THE OTHER DOOR IN THE OTHER SIDE TO		
	TAKE OFF THE LOAD, THESE DOORS OPEND AND CLOSED AUTOMATICALLY		
	THE STERILIZER INSTALLED IN THE WALL OF STERILIZING ROOM		
	CAPACITY 1.7 m3		
	*The sterilizing temperature up to 150C		
	*Multi stage operation (pulising, vaccum,sterile,drying,prosses end) stages		
	the unit must be included		
	- temperature recorder		
	-temperature controller for tacket and chamber		
	-timers for sterilizing and drying stages		
	-prosses presure gages		
	-carriage for loading		

	-all accessories to put the unit in operation like vaccum pump et.c		
	must be included		
	* SGS inspection		
	*installation commesions and training		
	*out electric power supply are 3 phaase 380 v 50hz+N		
	AND EACH CONNECTED TOGETHER		
	*CIF samarra		
02-10-00647	MEDICAL OXYGEN PLANT: -	1	unit
	* Complete low-pressure liquid oxygen production plant.		
	* Capacity :- liquid oxygen300 NM3/HR		
	Liquid nitrogen25 NM/HR		
	(NOTE) it can be possible operating at 50% from the capacity.		
	* Purity :- Oxygennot less than 99.5 %		
	Nitrogenimpurities not more than 10PPM.		
	THE DESCRIPTION:		
	* Air filter		
	* Air turbo compressor (two compressors one in operation and one as A stand-by).		
	* Dual molecular sieve unit.		
	* Air separation unit with automatic control.		
	* Automatic control panel. (Include CAS analyser... rang from (98-100)% vol.		
	* Expansion turbine (CAS Bering).		
	* Refrigeration system. Include:		
	A-Two chiller compressors, one in operation and one as a stand by.		
	B-Two cooling towers, one in operation and one as a stand by.		
	C-Water softener.		
	FILLING UNIT AND STORAGE TANK:		
	. Two lox storage tank 20 000 lit. Each.		

	. One lin. Storage tank 5 000 lit.		
	. High-pressure evaporator.		
	. High-pressure piston pumps (Two pumps, one each line, one in operation and one as a stand by).		
	A-For oxygen 400LIT./HR.		
	B-For nitrogen 100 LIT./HR.		
	. Complete common cylinder filling plant with dual charging manifold:-		
	A-For oxygen (2 x 25).		
	B-For nitrogen (2 x 10).		
	SPARE PARTS AND TOOLS:		
	. List of spare parts for ten years operation as recommended by manufacturing.		
	. One complete expansion turbine and its spare parts.		
	. Four high-pressure piston pumps and its spare parts.		
	. Two sets of special tools.		
	. Oils and lubricants.		
	P.S. Each parts & unit had to be quoted clearly.		
	DOCUMENTS:		
	. Two sets of manual instruction.		
	. Two sets of manual operation and maintenance.		
	. Two sets of spare parts catalogue.		
	. Drawing for civil engineering and foundation.		
	GUARANTINE:		
	. 12 months from date of start up.		
	TRAINING AND COMMISSIONING:		
	. Supervision for erection, start-up and training at buyer's site.		
	. Training of three technicians during 6 weeks at the seller factory.		
	NOTE: THE PRICES CIF BAGHDAD VIA UM-QUASAR.		
	COUNTRY OF ORIGIN :- EUROPE		
02-10-00648	Bottle bag Production line:-		1 line

	Complete line for aseptic bottle bag system (molding , filling , selling)in		
	one operation The line molding :		
	Water treatment unit dosing unit for chemicals main production machine		
	Capacity with respect to volumes (for 5cc) molding volumes		
	(5,10,50,100,500,1000,2000 cc)		
	All accessories needed to put the machine in work with above volume.		
	Any option needed (filter, laminar flow.... Etc). All materials need to work		
	With maximum capacity for one year.		
	Bottle bag Production line		
	VIAL LINE FOR STERILE LIQUID FILLING CAPACITY 200 VIAL/MIN		1 unit
02-10-00649	Complete line for filling sterile liquid in vial consist of:		
	-Washing machine		
	-Laminar flow sterilizing tunnel		
	-Filling sealing machine 200 vial/min		
	-Capping machine ,clinching machine with variable speed up to 250 vial/min		
	-Self adhesive label machine 250 vial/min		
	-Cartooning machine		
	-Case pack machine with all necessary accessories to complete the line		
	-Any recommended optional		
	-Spare parts for 2 years		
	-Set of additional change part		
	-Dose volume 0.5 ml-10ml		
02-10-00650	Complete project for production of anticancer drug including :-		1 unit

	A- Lay out of the project.		
	A- Machines required for production.		
	B- Complete air conditioning unit and air handling.		
	C- Complete water treatment plant.		
	D- Complete sweag treatment.		
	i.e. including all utilities production capacity :-		
	1. Ampoules or vial 4-5 million /year		
	2. Tablet and capsule 20-25 million / year.		
	SPARE PARTS FOR WELDING MACHINE TYPE Z3BS40		
	supplier : thimonnier S.A tel : (7) 883.55.55		
02-10-00651	Oscillator tube BR1196	4	
02-10-00652	piston type CPUD-N-32-10-x, ser. No. 87-8256	4	
02-10-00653	piston type CPUD-T-50-165, PF-PM	2	
02-10-00654	piston type CPUD-T-50-130 DPA-12, ser no 88/8687	2	
02-10-00655	piston type CPUD-T-50-325	2	
02-10-00656	base plat L=80.7 cm,width =60.7 cm , thickness= 2 mm	2	
02-10-00657	welding electrodes size 500 ml	2	set
02-10-00658	Scrapper holder	2	
02-10-00659	Double -balaancing holder for scrapper complate with shaft	2	
02-10-00660	Braake for serigraphy machine	4	
02-10-00661	Rubber roller for pulling P.V.c	2	
02-10-00662	scraper rubber for printing machine	30	
	BAGS SERAETING MACHINE TYPE : VIFOR		
	Supplier: VIFOR		
	description		
02-10-00663	motor with gerbox complete	1	
02-10-00664	sets of S.S roll complete	1	
	spare parts for tube welding machine type : M2-B4-1		
	supplier : thimonnier		
02-10-00665	Osillator tube type T-130/1	7	

02-10-00666	Foot switch type 358-945 Max pres/obrar	7	
02-10-00667	Air regulaator type RFU 4883 CAM0778	14	
02-10-00668	Piston type stroke	8	
02-10-00669	Micro swich 5A 250V-83101	8	
02-10-00670	Timer MN2 for changing polarity type SAIA	7	
02-10-00671	Timer MN1 for welding type SAIA	7	
02-10-00672	Electrod (topp & bottom)	7	set
02-10-00673	Needle	28	
02-10-00674	Holder from Brass for needle	10	
02-10-00675	Contacto K3 type CMC MR3/5 6A	7	
	spare parts for bag washing machine		
	type :pharmpack -RIB 016H-NR 200		
	supplier ; VIFOR		
	manufacturer : Pharmapack		
02-10-00676	motor with gerbox complete	2	
02-10-00677	Carrier disk No.- 18	2	
02-10-00678	distributor disk no.- 17	2	
02-10-00679	disk cam no.- 16	2	
02-10-00680	Flange bearing no.-15	2	
02-10-00681	Supporting ring , top -51	2	
02-10-00682	supporting ring , bottom -52	2	
02-10-00683	piston No.-47	2	
02-10-00684	casing No.-46	2	
02-10-00685	casing No.-44	2	
02-10-00686	Piston No.-43	2	
02-10-00687	Distributor -casing No.-45	2	
02-10-00688	casing No.-40	4	
02-10-00689	Piston No.-39	2	
02-10-00690	piston No.-38	2	
02-10-00691	pump No.-35	2	
02-10-00692	Solenoid valve No.-61	2	
02-10-00693	Corner Valve No.-62	2	
02-10-00694	filter Casing No.-59	2	
02-10-00695	Flang No.-20	2	
02-10-00696	Covering disk No.-21	2	
02-10-00697	Artor No.-22	2	
	spare parts for stoppers washing machines		
	type :strunck RND A01, machine No.- 618008402-COM		

	Supplier : VIFOR manufacturer : STRUNCK		
02-10-00698	Joint 2 2	2	
02-10-00699	Distributor head 3 2	2	
02-10-00700	Distributor 2 4	2	
02-10-00701	Joint 2 5	2	
02-10-00702	Distributor plate 6 2	2	
02-10-00703	shaft 2 7	2	
02-10-00704	Bearing Disc 10 2	2	
02-10-00705	Cup spring 2 21	6	
02-10-00706	Disk 3 22	2	
02-10-00707	Carrier disk 3 27	2	
02-10-00708	Counter disk 28 3	2	
02-10-00709	Spouting tubes 35 1	16	
02-10-00710	Shower tubes 36 8	16	
02-10-00711	Screw soket 37 8	2	
02-10-00712	Injection Nozzle 42 6	32	
02-10-00713	Splash protection 20 5	2	
02-10-00714	Splash hood 51 1	2	
02-10-00715	Filter complete 53 9	2	

02-10-00716	Filter inset 10 60	20	
02-10-00717	filter holder complete type YY22-142-30	40	
	spare parts for the above filter		
02-10-00718	hand wheel nut cat. No. YY22 142 47	12	
02-10-00719	connector YY22 142 60	4	
02-10-00720	Vent relief valve YY30 293 66	4	
02-10-00721	O-ring teflon YY22 142 53	4	
02-10-00722	Inlet flow deflector YY22 142 05	10	
02-10-00723	Filter support Screen YY40 142 64	10	
02-10-00724	Hand wheel stud YY22 142 70	12	
	Spare parts for suuper Still mascrini Type : FA 500 HR		
	Supplier : FIVOR Manufacturer : STILMAS		
	description sheet No.	Qty.	
02-10-00725	Floating switch (ie4) sheet 1-0F1	2	
02-10-00726	Feed water solenoid valve (151) = =	4	
02-10-00727	Solenoid valve for heating steam(351) = =	5	
02-10-00728	Steam solenoid for automatic service(451) = =	5	
02-10-00729	Solty conected discharge electropump (6M1) = =	1	
02-10-00730	Distilled water electropump (7M2) = =	1	
02-10-00731	Floating switch (9e3) = =	2	
02-10-00732	Floating switch (distilled water) (7e4) = =	2	

02-10-00733	Heat exchanger (3) = =	1	
02-10-00734	heat exchanger (salty concentrate) 3/1 = =	1	
02-10-00735	Level water indicating glass = =	5	
02-10-00736	Adjusting cock for runing operation 70-71-72 = =	6	
02-10-00737	Manometer (12) = =	2	
02-10-00738	Steam trap (15) = =	2	
02-10-00739	Bearing Nu2210 for compressor125 Fa350	4	
02-10-00740	Ball bearing 22210 CJ = = = =	4	
02-10-00741	Packing = = = =	10 m	
02-10-00742	seal ring = = = =	10	
02-10-00743	broze compressor complete = = = =	1	
	Spare parts for volumetric filling unit type : VIFOR		
	supplier : VIFOR		
02-10-00744	P.C. board for main suply TL 3220-211-DIESEL 009-02-82-011-000	7	
02-10-00745	Setting and adjusting element P.C board TL-320-20g-diesel	3	
	008-02-82-402-000		
02-10-00746	realy P.C. board TL-3220-210 008-02-82-403-000	7	
02-10-00747	main fuse Noo.(9) 008-06-82-002-000	40	
02-10-00748	Valve fuse No. (10) 008-06-82-002-000	40	
02-10-00749	Cable for ppick-up system No-12 008-06-82-002-000	10	
02-10-00750	Pick-up probe	20	
02-10-00751	cable for stop key	10	
02-10-00752	cable for maaain connection power	10	
02-10-00753	Emergency stop key	10	

02-10-00754	solenoid valves (St.ST) complete with coil 24V a.c	30	
	spare parts for cylindircal autoclaves type :VIFOR		
	supplier : VIFOR		
02-10-00755	1-Manometer haennic DRC 100/211.133	6	
	DN 100 stainless steel		
	G1/2" scal 1 to 3 Bar		
02-10-00756	2-Valve klinger KVD 11	6	
	PN/6 DN 20		
02-10-00757	3-Filter Samson	4	
	2N PN 16 DN 20		
02-10-00758	4-Pressure reducer regulator Valve Samson 39.2	4	
	PN 16 DN 20 0.1 to 1.2 Bar		
02-10-00759	5-Pneumatic Vaalve Gemu 514/25 "I	8	
02-10-00760	7-Safety Valve Ramseryer 441 PN 16 Dn 20	4	
	H4 2 Bar		
	9-Steam trap spirax sarco FT 11-4.5 TV DN 40	8	
02-10-00761	11-Pneumatic valve gemu 514/40 I 1/2"	4	
02-10-00762	12-pressure reducer norgren 11-824-011-1"	4	
02-10-00763	13-pressure reducer with filter and water tap festo LFR-1/4-S-7-SM	2	
02-10-00764	15-Check valve festo H-1/4"a	4	
02-10-00765	16-Electro-mangent valve luciFER 132A 54 24 V DC	4	
02-10-00766	17-pressostal Ashcroft 200 mBar to 4.6 bar	4	
02-10-00767	18-Electro-magent valve luciFER 321 K 13 220 v-50 hZ	4	
02-10-00768	20-Safety valve kugler 7470 1/2"	4	
02-10-00769	21-Circulator grundfoss up 25-45 220 V 50 hZ	4	
02-10-00770	24-thermal resistor guage degussa PT100 250mm special execution	4	
02-10-00771	25-Contact thermometer haenni 0 to 120 C L=250mm 3 meters	4	
02-10-00772	26-pressostate ASCHRFT -1 to 2.3 bar	4	

02-10-00773	27-micro switch telemecannique XCK-J562	4	
02-10-00774	28-Electro-magent bachofen GTCA 060X43 A01 24 V DC	4	
02-10-00775	30-Manometer Haenni DRC 100/211.133 DN 100 Staniless steel	4	
	G1/2" 0-10 Bar		
02-10-00776	31-Recorder ELME S-16 withh special paper and inked -Ribbon	6	
02-10-00777	32-Door gasket LD 3961-82/088-11514	6	
02-10-00778	33-Mechanical shaft seal	8	
	type :No.-AR : 96527 No-client : 30023 L/01		
	Sym:1158039900 uu50		
	REF:876952		
	No-NEC ou ART : 7913 243		
	NORMOPAC 33+GRAIN 244X		
	14-47-62-31-13		
02-10-00779	34-Carriages and trays	12	
	data (per set)		
	Capacity 380 containers of 500 ml		
	length 1350 mm		
	width 1000 mm		
	height 1500 mm		
02-10-00780	35-Charger complete 220/24 V	2	
02-10-00781	36-Light emitting diode (LED) for control panel	50	
	spare parts for air compressor		
	type : ATLAS COPCO ag 808E		
	(Filter element) For high efficiency liquid and aerosol removal		
02-10-00782	filter type PD 300 part no. 1202 3569	20	
02-10-00783	Compressor Element complete	2	
02-10-00784	Bearing 0504 061700	4	
02-10-00785	O - Ring 0663 7154 00	2	
02-10-00786	Gasket 2252 5475 00	4	

02-10-00787	Bearing 0508 2115 01	2	
02-10-00788	gear wheel 2252 7748 00	1	
02-10-00789	bearing 0508 2158 01	1	
02-10-00790	bearing 0506 5115 00	1	
02-10-00791	Seal ring 1619 5177 00	2	
02-10-00792	gear wheel 2252 7747	1	
02-10-00793	Air filter element 1030 0979	10	
02-10-00794	Separator 2252 6313 00	2	
02-10-00795	Gasket 2252 6299 01	4	
02-10-00796	Minimum pressur valve complete	1	
02-10-00797	Coupling element 1619 5242	4	
02-10-00798	Fan 2253 4947	2	
02-10-00799	Motor380 v 75 kw 1460 Rpm 50 hz	1	
02-10-00800	atlas copco air dryer type : FD 230	1	
	SPARE PART FOR CHILLER		
	Type : pcx - 180 H5		
	Supplier : vifor		
	Manufacturer : Dunham - Bush LTD		
	Portsmouth hampshire		
	England		
02-10-00801	Oil pump	2	
	Mod pmp 88 AT 3		
	Type : 6 MTR : 1013		
	Voit 400 Frg 50		
	Thermally protector		
02-10-00802	Compressor complete with motor	2	
	Mod :1615 HHF4		
	V5 D		
	Serial : 82B 800063		
	ENE FILE : X4357WP -0128		
	volt 380 PH 3 Freq.50		
02-10-00803	Pilot Expansion - valve	2	

	5H		
	TCLE GT 2271		
02-10-00804	Main Expansion - valve	2	
	POS : 125 H2		
	GT : 2597		
	Frq : 50 H2		
	Volt : 240 V		
	SPARE PARTS FOR STEAM BOILER		
	TYPE : VITEX RD - 16		
	Supplier : VIFOR		
	Manufacturer : PAUL WEBER AG- SWITZERLAND		
	DESCRIPTION suppliers No.		
02-10-00805	Spare glasses klinger Gr.VIIA Weber	6	
02-10-00806	Set of gasket for Erw 42 Weber	4	
02-10-00807	Safety valve Geber Leser	2	
	Type : 431 - 433		
	DN 25-150		
02-10-00808	Gauge Cocks klinger	8	
	TYPE D8- 65-025		
02-10-00809	Reflex Liquid level gauges klinger	2	
	Typs KB - D		
02-10-00810	Drain Cock ABL klinger	4	
02-10-00811	Flame control box Elco	2	
	TYPE : LAC 3-025		
	SERIEL :02		
	220-240 VN - 50 HZ		
	ts 5sec 3.5 VA		
	FILTERS TO LVWA AIR CONDITIONING SYSTEMS		
	TYPE : LUWA		
	Supplier : VIFOR		
	Manufactuer : LUWA Swiss		
02-10-00812	Pre Filter type FP 85x61	200	
02-10-00813	Pre Filter type FP 85X305X610	60	

02-10-00814	Pre Filter type FP85X610X508	30	
02-10-00815	Hepa filter type RR-S 610X610	150	
02-10-00816	Hepa filter type RR-S 305X305	30	
02-10-00817	Hepa filter type RR-S 457X457	30	
02-10-00818	Hepa filter type RR-S 1525X610	20	
02-10-00819	Air filter class 2 15 ½" x1 1/8"	8	
02-10-00820	3-way mixing valve (honge well)	2	
	type: V5329A NW 50		
02-10-00821	3-way mixing valve (honge well)	2	
	type: V5329A NW 65		
02-10-00822	3-way mixing valve (honge well)	3	
	type: V5013A "1 ND 10		
02-10-00823	3-way mixing valve (honge well)	2	
	type: V5013 A "1 1/4 ND 10		
02-10-00824	3-way mixing valve (honge well)	3	
	type: V5013 A "1 1/2 ND 10		
02-10-00825	3-way mixing valve (honge well)	2	
	type: V5013 A "1 3/4 ND 10		
02-10-00826	electrical valve (honge well)	6	
	type:M7420 A		
02-10-00827	electrical valve (honge well)	3	
	type:M7421 A		
02-10-00828	electrical valve (honge well)	3	
	type:M6420 A		
02-10-00829	Regulating damper (honge well) type:	45	
	SM 24-SR 10		
	SPARE PART FOR WRAPPING MACHINE		
	TYPE : 010		
	Supplier : vifor		
	Manufactuer : CAVANA Company Italy		
02-10-00830	upper -cutting and soldering knif	6	
02-10-00831	Printed circuit VAR	1	
02-10-00832	Thermo-control TCI Type : AIOLS 0-2	8	
	450		
02-10-00833	FLIP -FLOP	2	
02-10-00834	Lower-cutting and soldering knife	6	
02-10-00835	heaters elements for longitudinal	60	
	sealing		
02-10-00836	driving box for rack	4	
02-10-00837	jaw extractor	4	
02-10-00838	soft anvil for jaw	5 m	
02-10-00839	discharge belt	2	
02-10-00840	longitudinal soldering belt	2	

02-10-00841	bronze bush for upper & lower jaws	16	
02-10-00842	sensor (Pr06e T 102)	40	
	SPEAR PARTS FOR SCAVENGER FILTER		
	Type: CHRIST SCB-50		
	Supplier: VIFOR SA GENEVE		
	Manufacturer: CHRIST Swiss		
02-10-00843	Main rubber gasket for switch over valve("1) (B1)	5	
	diagram No Tc1-23-2640d		
02-10-00844	Salt Pot (C1) Q 400 mm	1	
	diagram No. TC1- 23-2640d		
	SPEAR PARTS FOR DEIONIZER FILTER		
	Type: CHRIST MAXISTIL 10 DUPLEX		
	Supplier: VIFOR SA GENEVE		
	Manufacturer: CHRIST		
02-10-00845	Diaphragms for manual values DN 20 (from diagram Tc123-2640d)	20	
02-10-00846	Diaphragms for manual values DN 25 (from diagram Tc123-2640d)	20	
02-10-00847	Diaphragms for manual values DN 15 (from diagram Tc123-2640d)	20	
	SPEAR PARTS FOR SOLUTION PREPERATION		
	Supplier: VIFOR		
	Manufacturer: Fristam F. Stamp KG(GMGH&CO)		
	2050 HAMBURG 80/ Telex 021 7804		
02-10-00848	Pump complete with motor Type : FP 722F	1	
02-10-00849	Mechanical shaft seal complete	5	
02-10-00850	filter holder complete type;YY30 - 293 - 16 with spare parts	1	
02-10-00851	a-Vent relief valve cat. No.: YY 30 293 66	2	
02-10-00852	b-hand wheel assembly and lock bolt cat No. : YY 22 293 57	8	
02-10-00853	c-intel flow detector cat. No. : YY30 293 07	2	
02-10-00854	High frequency bag welding machine to weld Lay-flat PVC sheath	2	
	and weld tube in the bags. The machine is doing automatically the following operations:-		

	A-printing of the bags by hhot steaming process		
	B-welding of the bags together with the filling tube diameter		
	6.3*7.9 mm with the possibility to weld 1,2 or 3 filling tubes at the time.		
	C-sealing of the filling tube(s) necessary for possible long term storage of the bags.		
	D-speration of the bags by hot knnives:		
	*produce bags of volume (100,250,500,1000,2000,3000 Ml)		
	*Capacity : 1200 bags/h		
	*Electric supply :		
	380 volt. - 50 hertz		
	3 - phase+neutral +earth		
	maximum power : 25 Kw-60 Amps.		
	*compressed air consumption		
	30 NM3 /h at 7 bar working pressure		
	controls with PLC		
	over all dimention :		
	length : 7 m		
	width : 3m		
	height : 2.30 m		
	*with suitable carriages containers		
02-10-00855	Full automatic stopper washing machine to wash special macrolon	2	
	stoppers T.N.C.A. with D.W. and filtered compressed air		
	capacity : 2000 stopper/h		
02-10-00856	Full automatic bags washing machine to washing machine to wash	2	
	PVC bags size (100 ml to 3000 ml)		
	with filtered D.W and suuitable pressure to wash bags completely and suction it by foour stage		
	capacity : 2000 bag/h		
02-10-00857	fully automatic printing machine to print batch No. man date , Exp.date on PVC bags	4	

	capacity for each : not less than 2000 operation/h		
02-10-00858	full automatic filling sealing machine for PVC bags size (100ml to 3000ml) machine suitable both to automatic filling and to automatic stopper insertion after the filling *the plugs are automatically fed and then automatically inserted by special station inside the filling pipe. *the nozzle can be suited for standard 6- 8 mm pipe as well as for any other size of pipe. *the size of equipment : high 190mmxwidthh 150 mmxdepth200mm capacity : 1500-3000 bag/h	4	
02-10-00859	full automatic autoclave measurement : length : 3950 mm diameter: 1480mm total width : 1560 mm height : 1850 mm capacity : 760 container of 500 ml (2 set of carriages)	2	
02-10-00860	carriages and trays data (per set) capacity : 380 containers of 500 ml length : 1350 mm width :1000 mm height : 1500 mm	40	
02-10-00861	visual control to check the foreign particle using polarized light with two conveyers belts length of each 12 m.	20	
02-10-00862	fully automatic overwrapping machine to wrap PVC bags size (100 ml to 3000 ml) using P.E. overwrapping . capacity : 70 bag/min. with two S.S container length 2m x 1.5 m width x 0.5 m height	1	
02-10-00863	automatic cartoning machine to fold carton transport even lower	2	

	carton quality dimentions of the carton needed :		
	length 39.5 cm, height 12.5 cm , width 19.0 cm		
	capacity : 2000 box/h		
02-10-00864	Scale to check bags weight techincal data :-	1	
	scale range (kg) scale division(g) max.100d(kg)		
	5		
	2 6		
02-10-00865	Scale to raw meterials technical data:-	1	
	scale range(kg) scale division(g)		
	400		
	200		
02-10-00866	scale to raw chemical technical data:-	1	
	scale range (kg) scale division(g)		
	20		
	10		
02-10-00867	Electrical forklifter	4	
	capacity :- 2000 kgs		
	height : 7m		
02-10-00868	Manuuual forklifter	8	
	capacity : 2000 kgs		
02-10-00869	dust remover machine	1	
02-10-00870	electrical autonomous floor cleaning machine	1	
02-10-00871	water vacuum cleaner	4	
02-10-00872	plastic carriage containers	6	
	volume : 80 mmh x 50 mmw x 50 mml		
	S.S tanks		
02-10-00873	a.volume 7000l with heating coil	1	
02-10-00874	b.volume 7000l with heating , cooling , coil and mixer with level site	1	
	class , with complete filteration and pumping unit.		
02-10-00875	Galvanized tanks for raw water	2	
	capacity : 60 m3 each		
02-10-00876	Distillation unit	1	

	*out put : 2000 l/h		
	*steam heating		
	*supplies with deionized water		
	*Distilled water for I.v		
	*with PLC control		
02-10-00877	Steam boiler with dirator	1	
	*output : 2000 kgs/h		
	*maximum pressure 8 bar		
	*with feeding pump and light fuel		
	*dosing unit and other accessories		
	*with PLC control		
02-10-00878	Air compressor	1	
	*output : 25 m3/minut		
	*maximum pressure 8 kg/cm2		
	*free of oil 100 %		
	* with PLC control		
02-10-00879	water tretment	1	
	containing 2 lines one in operation and the second stand by:-		
	the line contain		
	1-filter activated carbon		
	2-scavnger filters		
	3-softener		
	4-Deionizer		
	5-regeneratioons for above filters automaticlly		
	6-suitable containers for (salt - Hcl - naaoH)for regeneration of resins.		
	7-all parts are made of rigid PVC		
	8-all systems controlled by PLC		
02-10-00880	Heafing Boiler	1	
	out : 260 KW/h		
	with circulaifion pump		
02-10-00881	chillers		
	specification for each chiller		
	1- cooling cap acity 600 KW		
	2- number of compressors		
	3- tupe of copressor screw		
	4- chilled Water in/out 6/12 c		
	5- condenser water in/ out 30/35 c		
02-10-00882	non toxic pvc tubing 6.3 x 7.9 MM	10 t	
	Weight Roll : 4-5 Kgm		

02-10-00883	special macrolon stoppers T.N.C.A 500 pcs or 1000 per closed polyethene bag 10-5 bags per carton box	4,000,000	
	solvents :		
02-10-00884	a - KVS	200	1
02-10-00885	b -KVH	200	1
02-10-00886	c -K0	200	1
02-10-00887	d -Thanner	100	1
	filters :		
02-10-00888	a -cellulose acetatefilters type 293 poresize 1.2mm-25 paper per box	200	box
02-10-00889	b-class fibre -perfilter type 257-50 paper perbox	100	box
02-10-00890	c-cellulose acetate filter type 142 poresize 1.2 mm 50 paper /box	200	box
02-10-00891	d-class fiber perfilter type 124-50 paper /box	200	box
02-10-00892	e-supper microne -Wynd filter, DPPY 1 microne	100	pcs
02-10-00893	f-pall cartrige filter type MCY 4463 BP poresize 0.45 Mm	500	pcs
02-10-00894	g-cellulose nitrate white-black 47 Mm (sterile)	6,000	pcs
02-10-00895	h-cellulose nitrate 47 Mm (non sterile)	3,000	pcs
02-10-00896	Large wet service unit 850/900mm high x120 mm widthx600 mm deep	10	
02-10-00897	upper cup board with glass doors 750mm highx 1170mm widthx 320mm deep(for 1200 mm module)	6	
02-10-00898	under bench trav trolley size 700mm highx1030mm widthx475mm deep (hinged doors optional)	4	
02-10-00899	suitable pressure gauge to indicate positive pressure inside the clean room	4	
02-10-00900	protable conveyer belt driven by electric device with variable speed and for directional motion for the belt.	2	
	SPARE PARTS FOR AMPOULE PRODUCTION MACHINE FROM MODERNE MECANIQUE-FRANCE		

02-10-00901	CRAPHITE PAD 4 X 20 - 1600 N	50	
02-10-00902	BOTTOM POSTE COMPLETE	15	
02-10-00903	TOP POST COMPLETE	15	
02-10-00904	CRAPHITE PAD 4 X 20 - 1600 N	5,000	
02-10-00905	SPEED FLEX BELT 1850 X 25	50	
02-10-00906	SPEED FLEX BELT 2800 X 25	30	
02-10-00907	BURNER 3 F 6/10 246X - 13 - 0610	30	
02-10-00908	ROUND BURNER NOSE 22 IR 9F 8/10 244 X - 19 - 0810	30	
02-10-00909	RECTAN GULAR BURNER 1R 6F 6/10 242 X - 16 - 0610	50	
02-10-00910	AIR GAP BURNER 1F 30/10 241 X 01- 3010	20	
02-10-00911	ROUND BURNER NOSE 22 3R 9F 10/10 244X -39-1010	30	
02-10-00912	HUTCHINSON BELT POLY V 406 J5 373 X - J5 - 460 X	50	
02-10-00913	BEARING 626 2Z	250	
02-10-00914	BEARING 6001 2Z	100	
02-10-00915	LENGTH ADJUSTING PLATE (ECONOMIZER) FOR 1 ML	25	
02-10-00916	LENGTH ADJUSTING PLATE (ECONOMIZER) FOR 2 ML	35	
02-10-00917	TEMPERATURE CONTROL E 5H2 - Y6 - CA 213 X - 02 - X526	6	
02-10-00918	THERMAL COUPLE 1/4 FI X 31067.04 213X - 04 - 3106	10	
02-10-00919	ROD 30 (437) FOR BOTTOM OPENING ASSEMBLY	50	
02-10-00920	SCREW 30 (439) FOR BOTTOM OPENING ASSEMBLY	50	
02-10-00921	SCREW 30 (451) FOR BOTTOM OPENING ASSEMBLY	50	
02-10-00922	SPARE PARTS FOR JAPANESE OXYGEN PRODUCTION	16	
02-10-00923	PLANT TYPE WN 114 F = 290 KW	24	
02-10-00924	TEFLON PISTON RING 2 nd STAGE (E 238201)	16	

02-10-00925	TEFLON PISTON RING 1 st STAGE (E 148201)	24	
02-10-00926	BULL RING . 2 nd STAGE (E 238202)	100	
02-10-00927	BULL RING . 1 st STAGE (E 48202)	75	
02-10-00928	DISCHARGE VALVE ASSY (E 172000)	500	
02-10-00929	SEAT DISCHARGE VALVE (E 132002)	500	
02-10-00930	VALVE PLATE INNER (D 152011)	500	
02-10-00931	VALVE PLATE CENTER (D 152008)	250	
02-10-00932	VALVE PLATE OUTER (D 152005)	250	
02-10-00933	CUSHION PLATE INNER (E 152013)	250	
02-10-00934	CUSHION PLATE OUTER (E 152005)	1,500	
02-10-00935	CUSHION PLATE CENTER (E 152009)	1,500	
02-10-00936	VALVE SPRING OUTER (E 132006)	1,500	
02-10-00937	VALVE SPRING CENTER (E 132009)	1,500	
02-10-00938	VALVE SPRING INNER (E 132012)	1	
02-10-00939	LOCK WASHER (E 122012)	8	
02-10-00940	CRANK SHAFT ASS'Y (D 260700)	4	
02-10-00941	CRANK PIN BEARING (D 111406)	4	
02-10-00942	WRIST PIN MEIAL (D 111407)	4	
02-10-00943	CROSS HEAD (D 111302)	100	pcs
02-10-00944	WRIST PIN (D 111304)	100	pcs
	RESION CAPSULES FILTER (INER dia 38.6 mm . , OUTER dia 68.6 mm . LENGTH 60 cm .		
	FILTER FOR MOLECULAR SEIVES (INER dia 38.6mm , OUTER dia 68.6 mm , LENGTH 60 cm .		
	SPARE PARTS FOR TANK - LORRY 10,000 L X 4 K LIQUID OXYGEN		
02-10-00945	FILLING FLEXIBILE HOSE (6 METER)	2	
02-10-00946	BALL VALVE FOR PUMP	2	
02-10-00947	PUMP ASSY	1	
	SPARE PARTS FOR AIR SEPARATION PLANT		
	TCON - 200 & FILLING PLANT .		
02-10-00948	FLEXIBILE HOSE FOR FILLING OXYGEN CYLINDER (6A X 570 . 750 L)	200	
02-10-00949	WITH 100 PCS OPENING WERNCHES , MOLECULAR SIEVE (13 X dia 1.6) mm	1,500	kg
02-10-00950	EXPANSION TURBINE (ETS- 140 -07)	2	
02-10-00951	PRECISON CONTROL THACKO METER (0- 300) ,FREQ (0- 4000) .	2	

02-10-00952	STOP VALVE (dia 12) FOR FILLING STATION .	24	
02-10-00953	OXYGEN CYLINDER'S (MANGANESE STEEL , CAPACITY 10 M 3 .	2,000	
	WITH 1500 PCS . OXYGEN VALVE TYPE G11,		
	SPARE PARTS FOR OXYGEN VALVE G11 2000 PCS		
	FOR EACH PART.		
	SPARE PARTS FOR NITROUS OXIDE PLANT TYPE P50-DIR 1150		
02-10-00954	THERMOMETER FOR REACTOR TYPE TMV 100 K 4-2 / 0 - 320 deg- C (NEW MODEL).	1	
02-10-00955	CIRCULATION PUMP JOHNSON TYPE M40 P3 IV 3X300V.	5	
02-10-00956	REACTOR FOR N2O PLANT P50 COMPLETE 800 X 800 X 500 mm	1	
	MATERIAL : STAINLESS STEEL 1.4301 ,		
	COIL MADE OF STAINLESS STEEL 1.4435		
02-10-00957	CONDENSOR 676 / 450 X 2630 mm COMPLETE	1	
	MATERIAL : STAINLESS STEEL 1.4301 AND 1.4435		
02-10-00958	PISTON dia 80 1 st STAGE FOR C3N 1F	3	
	COMPRESSOR dia 80 x 100 mm		
02-10-00959	PISTON dia 40 2 nd STAGE FOR C3N 1F	3	
	COMPRESSOR dia 80 / 40 x 217.5 mm		
02-10-00960	PISTON dia 25 3 rd STAGE FOR C3N 1 F	3	
	COMPRESSOR dia 80 / 25 x 217.5mm .		
02-10-00961	PISTON PIN dia 32 x 65 mm .	9	
02-10-00962	PISTON RING dia 80 1 st STAGE FOR C3N 1F	25	
	COMPRESSOR dia 80 / 73.6 x 3 mm .		

02-10-00963	PISTON RING dia 40 2 nd STAGE FOR C3N 1F COMPRESSOR dia 40 / 36.8 x 2.5 mm	40	
02-10-00964	PISTON RING dia 25 3 rd STAGE FOR C3N 1F COMPRESSOR dia 25 / 22. 7 x 2 mm	40	
02-10-00965	TOOTH CHAIN KH 015 A	3	
02-10-00966	SCRUBBING TOWER STAINLESS STEEL 1.4301 WITH SOLUTION CONTAINER dia 500 / 300 x 2630 mm	3	
02-10-00967	INJECTION CYLINDER FOR NITRAT CIRCUIT , COMPLETE . (218.000) MATERIAL : STAINLESS STEEL 1.4301	1	
02-10-00968	LIQUIFIER FOR N2O PLANT P 50	1	
02-10-00969	Car for transport employees capacity (40) passenger. With the following specification :- 1. Diesel engine for tropical climate (50Cú) on summer and (0 C?) on winter, model year 2001- 2002 2. Air conditioning system (heating and cooling). 3. Engine: - 4 stroke, 6 cylinder, turbo charge, water-cooled. 4. Transmission, 5 speed for ward and one reverse manual gear. 5. Radio cassette with opeakers. 6. Spare parts for 2 years. 7. Each bus contained the following:- * Set of tools. * Fire extinguisher. * Tourn light * Hydraulic jack 8. Seats * Passenger and driver seats are reclining, high back with head rest	15	unit

	* Ashtray (seat back pocket)		
	* Guide (folding with folding arm rest)		
	9. windshield with upper tinted glass		
	10. left hand drive power steering		
	11. Tape player curtains		
	12. Truck model 2001 -2002		
02-10-00970	Car for transport employees capacity (20) passenger, with the following specification:-	15	unit
	1.Diesel engine for tropical climate (50Cú) on summer and		
	(0 Cú) on winter, model year 2001-2002		
	2. Air conditioning system (heating, cooling) for all bus.		
	3. Seats		
	* Passenger and driver seats are reclining, high back with head rest		
	* Ashtray (seat back pocket)		
	* Guide (folding with folding arm rest)		
	4. windshield with upper tinted glass		
	5. left hand drive power starin		
	6. Radio cassette with speakers.		
	7. Spare parts for 2 years.		
	8. Every bus is contained the following:-		
	* Set of tools.		
	* Fire extinguisher.		
	* Hydraulic jack.		
	* Tournch light.		
	7. Truck model 2001-2002		
02-10-00971	Ambulance with the following specification :-	6	unit
	*Truck according to years 2001-2002 specification models with petrol engine water - cooled		
	*Emergency waening system supplied (siren with speaker and beacon).		

	* Air conditioning (cooling and heating).		
	* Gearbox (5) speed manual.		
	* Details of standard medical equipment:-		
	1. Oxygen bottles 500 litter capacity within the left wall cabinetry.		
	2. Spare oxygen bottles 500 litter capacity in storage cabin.		
	3. Plastic Nasal canulas - adult.		
	4. Oxygen catheters , two of each no. 10F		
	5. Mouth - to - mouth ventilation mask, sussex, air way		
	(with long & short air way).		
	6. Port able oxygen kit complete with regulator and supplies.		
	7. First aid kit contents.		
	A box is be provided containing the following:-		
	* Twenty pre-localized pads.		
	* Twelve compressive bandages.		
	* Four 10 cm elastic strips.		
	* Six gauze bandeaus, three of 75mm and three of 150mm.		
	* Twenty gauze pads 10cm by 10cm, individually wrapped.		
	* Two 5cm anti-allergic rolls of adhesive tape.		
	* Fifteen tongue depressors individually wrapped.		
	* One 100 ml bottle containing chlorexidine base disinfectant.		
	8. York II stretcher trolley complete with mattress, cover,		
	locking device & quick release patient restraints.		
	9. Wheel stretcher with adjustable back aand foot rests with side handles,		
	complete with mattress and cover.		

	10. Oxygen masks, one for each adult child and infant.		
	* Needed optional medical equipment.		
	* All needed catalogues in English.		
	* Spare parts for 3 years.		
	* Aside door : side door at right side.		
	* Back doors: two panel doors open able to the sides.		
02-10-00972	Car bag collection vehicle :-	6 unit	
	* Chassis - cab = 4 X 2		
	* Engine: 6 cylinder, 4 stroke, turbo-charged.		
	* Power: not less than 240 Hp.		
	* Clutch, single plate.		
	* Gear box, 8 speed.		
	* G.V.W: not less than 19 ton.		
	* Payload: not less than 11 ton.		
	* Tyre size: 1200 x 20-disk type.		
	* Capacity: 16 m3.		
	* Compact ratio: 6 / 1		
	* Diesel engine for tropical climate, type and model is year 2001.		
	* Sun visors		
	* All other needed information for the vehicle.		
	* Spare parts for 3 years.		
	* Car bag compactor with the following specification:-		
	GENERAL:-		
	The Pakmor compacting unit is achieving 750 to 800 pounds		
	force per cubic yard, with large hopper capacity of 2.3 cubic yard.		
	This hydraulically operated mechanism requires a minimum chassis specification of,		
	GVW : 35,500 LBS (16,100 KG)		
	Front : 9000 LBS (4082 KG)		
	Rear : 26,500 LBS (12,018 KG)		
	CONSTRUCTION:-		

	The Receiving box will be thoroughly welded mild steel construction.		
	The steel material used in fabrication is to		
	JIS-G 3101 SS400 specification or equivalent. The tail gate, which is made of a high tensile		
	steel, is hinged from the top to the receiving box with a locking arrangement from the bottom.		
	BODY DETAILS:-		
	To achieve the maximum payload corresponding to the optimum weight distribution		
	and hopper capacity, the specification of the box are recommended to be,		
	* Overall length - 270 inch (6858 mm)		
	* Overall length with - 304 inch (7721.6 mm)		
	The tail gate raised		
	* Overall width - 96 inch (2438.4 mm)		
	* Tail gate raised - 158 inch (4013 mm)		
	HOPPER DETAILS:-		
	The tail gate operates with time cycle of approx. 20 seconds with hopper		
	capacity of 2.3 Cu. Yard (1.26 Cu. M)		
	- Loading width - 78 inch (1981 mm)		
	- Opening height - 64 inch (1626 mm)		
	OPERATION SYSTEM:-		
	The packing movement of the system can be operated manually or automatically, where		
	the refuse packing into the receiver box is an automatic operation cycle.		

	The mechanism is divided into two parts. First, the sweeping motion, which follows the hopper,		
	floor profile. The second part is packing motion, which is constrained with the hopper sides.		
	The rate of motions the PTO, which is, related the engine speed is controlled by a throttle		
	control switch. The optimum speed of the engine while loading dumping.		
	HYDRAULIC SYSTEM:-		
	The PTO drives a hydraulic pump, which can achieve a pressure of 2000 psig to run the system.		
	Different cylinders are fitted to the tail gate to execute the motion, for tail gate raise,		
	packing blade and slide and for the process of compacting by the ejector plate.		
	A replaceable filter of 25 micron is attached in the return line to purify oil coming back from the system.		
	WINCHING:-		
	A Winch rate at 12,000 pounds can handle up to 7.5 cubic meter containers		
	is operated hydraulically.		
	PAINTING:-		
	One coat of a primer and a coat of synthetic enamel.		
	ACCESSORIES:-		
	? Tool Box.		
	? Mudguards & Mudflaps.		
	? Light as per Traffic Department regulations.		
	OPTIONAL:-		
	A hydraulically bin lifter arrangement, can handle 240 litter capacity plastic containers.		
02-10-00973	Car bag collection vehicle :-Capacity : 8M3	16	unit

02-10-00974	Fire extinguisher vehicle with 6000 - 8000 liter water tanker:-	6	unit
	1.The Cabin		
	a.1sft hand drive with power steering		
	b.Six seats including the driver (double cabin)		
	c.Unit corrosion made cabin		
	d.Provided with un unbreakcable glass		
	e.The cabin provided with hydraulic and manual system for rising		
	2.The Engine		
	a.Working by gas fuel (diesel sycle)		
	b.Number of cylinders are 6 vertical in line		
	c.Provided with perfect cooling system for the engine of the vehicle		
	d.The horse power: The horse power for (260-320) horse provided with one axle		
	3. The Pump - unit		
	a. Type - centrifugal combined for normal and high pressure with four stages		
	b. Material - anti - corrosion for body, and impeller, pump shaft made of stainless steel		
	c. Power take - off: with gear, oiling system, mechanical penumatic engagement,		
	disengagement, control located cabin.		
	d. Pump outlet 3000 liter/min at 10 bar in the middle or in the rear		
	e. Provided with mechanical outlet air system		
	f. Provided with one suction system in each side within 4 inch		
	diameter(English teeth) with cover and strainer		
	g. Provided with four outlet 2 ½"(two in each side)		
	h. Provided with all gauges for pressure and speed pump		
	4. Water Tank +Foam		

	a. 6000 – 8000 liter water + at least 400 liter foam		
	b. the tank made of stainless steel and divided to many part and provided with inlet and outlet cover		
	5. All additional fire equipment's		
	6. All needed equipment's for a cooling system		
	7. All needed description for air compressor		
	8. Truck model year 2001-2002		
	9. 1-A spare parts for the pump are :-		
	a. Set of pistons for pump 1 for each 1		
	b. Set of gaskets 1 for each 1		
	c. Set of O-rings 1 for each 1		
	d. Ball bearings for pump and motor 1 for each 1		
	e. Pulys 1 for each 1		
	f. Stainless steel shaft 1 for each 1		
	g. Belt 2 for each 1		
	h. Packin (10m) for each pump		
	i. Lubrication pump 1 for each 1		
	j. Complete pump 1 for each 1		
	9-2-A spare parts for fir equipment :-		
	a.water pump 1 for each 1		
	b.Parts for water pump maintenance 1 for each 1		
	c.Power take off 1 for each 1		
	d.Parts for P.T.O maintenance 1 for each 1		
	e.Parts for each fire 1 for each 1		

	f.Water tank		
	g.Foam tank		
	h.Electric tilt pump		
	I.Manual tilt pump		
	j.Power starting		
	10. Catalogues & operation manuals for equipment should be sent with the offer in English.		
02-10-00975	Electrical Diesel generator of capacity 5 M-watt with the following specification :-	2 unit	
	1. Output = 11 K-volt		
	2. Frequency = 50 Hz		
	3. Location = out door		
	? The generator should be operated automatically when the electrical shut down,		
	connected directly to circuit breaker of the switchboard.		
	? The generator consist of all protection needed as the following :-		
	1- Over Voltage protection.		
	2- Over load protection.		
	3- Over heat protection.		
	4- Short circuit protection.		
	5- Level water and oil protection.		
	6- Rotating field protection.		
	1-REQUIRMENTS:-		
	a. To confirm aguarantree period of 12 months from operation or 24 months from delivery which ever exist earlier.		
	b. Validity of offer and delivery period.		
	2-GENERAL REQUIRMENTS:-		
	The equipment shall be of first class quality and designed for continuos		
	satisfactory operation as continuity of supply is of prime importance.		
	The design shall allow all necessary precaution for the safety at		

	the operation and maintenance personnel.		
	All equipment shall operate satisfactorily under such variation of load,		
	voltage and short circuit of there conditions, which may accur on the system provided		
	that these variations are within the assigned rating of the apparatus. All equipment shall be		
	designed to obviate the risk of accident short circuit or damage and to birds and vermin's.		
	All openings for ventilation must have wire mesh.		
	The materials used shall be suitable for the following climatic conditions		
	prevailing at the sub - station site.		
	2.1 Ambient temperature:-		
	Highest maximum (in the shade) (50) c for about 6 hours a day		
	lowest minimum (-10) c.		
	Maximum yearly average (+30) c; maximum daily average (+40) c		
	2.2 Sun temperature :-		
	Black objects under direct sunshine attain a temperature of (75).		
	2.3 Air Humiditive :-		
	Maximum (92 %) at 40C; Minimum (12%); yearly average (44%).		
	2.4 Altitudes:-		
	From sea level up to (1000 m).		
	2.5 Sand storms :-		
	The substation sites are subjected to strong and frequent sandstorms.		

	Adequate precaution must be taken to cater for this2.6 condensation:-		
	Kiosk cubicles and similar enclosed compartment forming part of the auxiliary.		
	Equipment shall have the interior surfaces treaded with cork or any other approved materials		
	and shall be adequately ventilated to prevent condensation.		
	The interior surface including contactorse or relay coil shall be treated in an		
	apporoed manner to prevent mould growth. Such treatment should in no way interfere with		
	satisfactory operation of the equipment either electrically or mechanically.		
02-10-00976	Specification for 33/11 kV substation 2x10 mva:		1 unit
	1) Scope of the tender:		
	The tender includes the design , manufacture , testing packing ,		
	shipping delivery CIF mousle on number 2x10 MVA		
	Substation with out transferors comprising as the following.		
	33Kv in door switch gear of single bus-bar comprising		
	Two incoming transformers cubicle (circuit breaker) with voltage transferor		
	Two main transformer cubicles		
	One bus-section cubicles		
	11 kV indoor switch gear of single bus-bar consisting of		
	Two in coming transformers cubicle with voltage transformer		
	Eight out going feeder cubicle (circuit breaker)		
	One bus sectionalize cubicle		
	One Auxiliary transformer cubicle		

	Two capacitor bank cubicle		
	Two generator cubicle for 5 MVA each		
	Capacitor bank of 1000 KVAR for 10 MVA transferor		
	110 volt. DC battery , battery chargers and DC distribution		
	48 VDC battery ,battery chargers and DC distribution board		
	0.416 kV satiation auxiliary switch board		
	Set recommended spear parts for five years of normal operation		
	Tools and handling equipment		
	Safely equipment		
	All relay to be of (GEC sepam 2000)		
	Earthling resitar for the neutral point of each transformer		
	Material for substation earthling network		
	Mechanical interlock between transformer 33KV side C.B and earthling		
	switch of transformer 11KV side cubicle		
	Ambient temperature:		
	Highest maximum in the shade (50 C for about 6 hours day		
	Lowest minimum - 10 c		
	Maximum daily average +30c		
	Maximum daily average +40c		
	Air humidity :		
	Maximum 92% at 40c		
	Minimum 12%		
	Yearly average 44%		
	Technical requirement:		
	33KV system		
	Normal voltage 33000 volts.		
	Highest voltage 36000 volts.		

	System 3- phase, 3 wire with neutral grounded by earthing transformer to limit		
	the earth fault current to 300 Amp. Resistance of 21.1 Ohms.		
	To limit the earth fault current to 300Amp.		
	Frequency 50Pz short circuit breaker level 25 kA R.M.S at		
	33 000 volts.		
	3- phase symmetrical		
	11KV system		
	Normal voltage 11000 volts.		
	Highest voltage 12000 volts.		
	System 3- phase 3 wire with neutral made for		
	Earthling through an earthing		
	Resistance of 21.1 Ohms. To limit the earth fault current to 300 Amps.		
	Short-circuit breaker level 25 kA R.M.S at 11000 volts.		
	3- phase symmetrical		
	L.T. system:-		
	Normal voltage 416 volt + 4 % - 10 %		
	3- phase 4 wire with neutral solidly earthed		
	Short circuit breaker level		
	10 KA R.M.S at 416 V 3 phase symmetrical		
	Notice:-		
	-All the equipment consist of all protection device		
	-All needed accessories, optional , catalog's & manuals for		
	Equipment's should be sent with the offer.		
	-The offer should include the complete price list of spare parts		
	for two years with maintenance, installation ,erection,		

	commissioning & training for technical staff.		
	- To confirm a guarantee period 12 month from operation.		
02-10-00977	Acid resistant tiles, thickness 10 mm , Dimension 15 cm x 15 cm	6,000	square meter
	*All neede specification, catalogues should be and samples sent with the offer.		
	*Asutable glue for the acid resistant tiles, freshly manufactured (expiry date should be		
	printed on each individual container) .		
02-10-00978	Anti static P.V.C tiles	600	square meter
	? All need specification, catalogues and samples should be sent with the offer.		
	? Asutable glue for the anti static P.V.C tiles, freshly manufactured		
	(expiry date should be printed on each individual container).		
02-10-00979	Electro conductive PVC tiles	100	square meter
	*All neede specification, catalogues should be and samples sent with the offer.		
	*Asutable glue for the acid resistant tiles, freshly manufactured (expiry date should be		
	printed on each individual container) .		
02-10-00980	Quarry ceramic tiles	500	square meter
	*All neede specification, catalogues should be and samples sent with the offer.		
	*Asutable glue for the acid resistant tiles, freshly manufactured (expiry date should be		

	printed on each individual container) .		
02-10-00981	Special partitions (metal type glazed insulated light weight)	33,000	square meter
	? All needed specification, catalogues and samples should be sent with the offer.		
	? All needed connections for the partitions.		
02-10-00982	Metal false ceiling for pharmaceutical production area with lighting fittings florescent type	19,300	square meter
	? All needed fittings specification, catalogues and samples should be sent with the offer.		
	? All needed connections for the false ceiling.		
02-10-00983	Galvanized sheet gage 24	75	t
02-10-00984	Galvanized sheet gage 22	75	t
02-10-00985	Aluminum sheet gage 24	15	t
02-10-00986	Centrifugal Compressor for water-cooled chiller centrifugal types	1	
	trane ECVGB 080 Capacity 800 tons.		
	// Recommended spare parts for 3 years		
	//All needed accessories		
02-10-00987	Centrifugal Compressor for water-cooled chiller centrifugal types	1	
	trane Carrier model no 19 DK 71314 CN capacity 475 tons.		
	// Recommended spare parts for 3 years		
	//All needed accessories		
02-10-00988	Heavy -Gauge Steel Galvanized Pipe		
	1-size 20 mm dia	10,000	m1
	2- size 25 mm dia	10,001	m1
	3- size 35 mm dia	10,002	m1
	with all accessories and needed samples		
02-10-00989	Flexible pipes		

	Steel based flexible conduit with all accessories, size (20 mm, 25mm, 32mm), lengths :-		
	1- 20 mm	1,500	mt
	2-25 mm	1,000	mt
	3-32 mm	500	mt
02-10-00990	Distribution boards card tree 24 - 36 ways	50	pcs
	// Bus bar ratings of 100 Amos. To 250 Amps.		
	// Incoming from 100 Amos. To 250 Amps.		
	// Incoming options Aut. MCCB-RCD-DIRECT		
	//Outgoing circuits from 10 Amps. - 40 Amps. SP-DD-Tp		
	//Distribution boards for 3 phase.		
	// Phase color identification and circuit identity label complete with neutral and earth bars.		
	// Electrostatically applied epoxy paint finish		
	//Degree of protection Ip 40 BS 5420 IEC 144		
	// Rigid sheet steel construction F		
	//Out going twenty four to thirty - six ways		
	MACHINE:		
02-10-00991	Manual printing machine for 12 figer to print paper labeling	10	pcs
02-10-00992	Manual printing machine for 14 figer to print P.V.C Bags.	10	pcs
02-10-00993	Dust remover machine	1	
02-10-00994	Electrical Autonomous floor cleaning machine	1	
02-10-00995	Water Vacuum cleaner	4	
02-10-00996	High frequency bag welding machine to weld lay flat P.V.C sheath	2	
	thickness 0.35 mm with different wedth to produce bags of		

	volume (100,250,500,1000,2000,3000) capacity : 1500-3000 Bag / h		
02-10-00997	High frequency tube welding machine to weld tube dia 6.3/7.9 mm capacity 500-1000 Bag/h	7	
02-10-00998	Bags washing machine to wash P.V.C Bags , size(100,250,500,...,3000 ml) capacity: 2000 Bag/h with rotating base for the nozzle for injection of water to wash fully bags	2	
02-10-00999	Stoppers washing machine to wash special macrolon stoppers T.N.C.A with rotating base for the nozzle for injection of water inside the stopper (pressure of injection water (not less than 1.5 bar) capacity : 2000 stopper /h	2	
02-10-01000	Automatic filling machine to fill P.V.C bags (100,250,500,...,3000ml) with digital motor for the quantity filled in the bag operated with leg badale capacity (1000-3000 bag/h)	7	
02-10-01001	Automatic over wrapping machine to wrap P.V.C bags size (100ml to 3000 ml) using P.E roll, thickness 60-75m welded using heat elements.	1	
02-10-01002	Bags separating machine Output : 5000 Bags/h in continuous operation to separate bags size (100 ml, to ,3000 ml)	1	
02-10-01003	Mechanical cutting machine for tubes Output : 5000 cuttings / hour in continuous separation	1	
02-10-01004	Piston type CPUD - N 32- 10- X, SER NO .87 - 8256	4	
02-10-01005	Welding Electrodes size 500 ml	2	set

02-10-01006	Scrapper holder	2	
02-10-01007	Double- balancing holder for scrapper Complete with shaft .	2	
02-10-01008	Brake for serigraphy machine	4	
02-10-01009	Rubber roller for pulling P.V.C	2	
02-10-01010	Motor with Gearbox complete	1	
02-10-01011	Set of S.SROLL complete	1	
	SPARE FOR TUBE WELDING MACHINE Type :M2 -B4 -1 Supplier : VIFOR Manufacturer :Thimomer		
02-10-01012	Oscillator tube T- 130/1	7	
02-10-01013	Foot switch type 358-945 maxpreslobar	7	
02-10-01014	Air regulator type RFU483 CAMOZZI	14	
02-10-01015	Piston type stroke	8	
02-10-01016	Micro swich 5A250V- 83101	8	
02-10-01017	Timer MN2 for changing polarity type SAIA	7	
02-10-01018	Timer MNI for welding type SAIA	7	
02-10-01019	Electrode (top &Bottom)	7	set
02-10-01020	Needle	28	
02-10-01021	Holder from Brass forb needle	10	
02-10-01022	Contractor K3 type CMC MR3 / 56A	7	
	SPARE PART OR BAG WASHING MACHINE TYPE: pharmpack - RIB16H-NR 200 SUPPLIER :VIFOR Manufacturer : pharmapac		
02-10-01023	Motor with gearbox complete	2	
02-10-01024	Carrier disk NO- 18	2	
02-10-01025	DISTRIBUTOR DISK NO -17	2	
02-10-01026	DISK CAM NO- 16	2	
02-10-01027	FLANGE bearing NO - 15	2	
02-10-01028	Supporting ring , top - 51	2	
02-10-01029	Supporting ring bottom 52	2	
02-10-01030	Piston NO- 47	2	
02-10-01031	CASING NO - 46	2	
02-10-01032	CASING NO - 44	2	
02-10-01033	Piston NO -43	2	
02-10-01034	DISTRIBUTOR - CASING NO - 45	2	
02-10-01035	CASING NO - 40	4	
02-10-01036	PISTON NO- 39	2	

02-10-01037	PISTON	NO - 38	2	
02-10-01038	PUMP	NO - 35	2	
02-10-01039	Solenoid valve	NO -61	2	
02-10-01040	Corner valve	NO - 62	2	
02-10-01041	FILTER CASING	NO -5g	2	
02-10-01042	Flange	NO - 20	2	
02-10-01043	Covering disk	NO 21	2	
02-10-01044	Arton	No- 22	2	
	SPARE FOR STOPPERS WASHING MACHINES TYPE : STRUNCK RAND A01 , MACHINE NO - 6181008402 - COM11015119 SUPPLIR : VIFOR MANUFACTURER : STRUNCK			
	sheet No.	Order No.		
02-10-01045	Joint		2	
	2			
	2			
02-10-01046	Distributor head	3	2	
	2			
02-10-01047	Distributor	4	2	
	2			
02-10-01048	Joint		2	
	2			
	5			
02-10-01049	Distributor plate	6	2	
	2			
02-10-01050	Shaft	7	2	
	2			
02-10-01051	Bearing Disc	10	2	
	2			
02-10-01052	Cup spring	21	6	
	2			

02-10-01053	Disk 3	22	2	
02-10-01054	Carrier disk 3	27	2	
02-10-01055	Counter disk 3	28	2	
02-10-01056	Spouting tubes 1	35	16	
	a- shower tubes 8	36	16	
	b- screw socket 8 37		2	
	c- injection nozzle 6	42	32	
	d- splash protection 5	20	2	
	e- splash hood 1	51	2	
	f- filter complete 9	53	2	
	g- filter inset 10 60		20	
	h- filter holder complete type : yy 22 30	142-	4	
	I- spare part for the above filter			
	1- hand wheel nut , yy22 14257		12	
	2- connector yy22 142 60		4	

	3- vent relief valve yy30 293 66	4	
	4- o- ring teflon yy22 142 53	4	
	5- enlet flow deflector yy 22 142 05	10	
	6- filter support screen yy40 142 64	10	
	7- hand wheel stud yy22 142 70	12	
	SPARE PART FOR SUPER STILL MASCRINI TYPE : FA500 HR SUPPLIER : VIFOR MANUFACTURER : STILMAS		
	Sheet No.		
02-10-01057	Floating switch (ie4) sheet 1 -of 1	2	
02-10-01058	Feed water solenoid valve (isi) sheet 1- of 1	2	
02-10-01059	Solenoid valve for heating steam (3si) sheet 1 -of 1	5	
02-10-01060	Steam solenoid for automatic Service (4s1) sheet 1- of 1	5	
02-10-01061	Soty concentrated discharge Electro pump (6M1) sheet 1- of 1	1	
02-10-01062	Distilled water Electro pump (7m2) sheet 1- of 1	1	
02-10-01063	Floating switch (9e3) sheet 1- of 1	2	
02-10-01064	Floating switch (distilled water)7e4 sheet 1- of 1	2	
02-10-01065	Heat exchanger (3) sheet 1- of 1	1	

02-10-01066	Heat exchanger (salty concentrate)3/1 sheet 1- of 1	1	
02-10-01067	Level water indicating glass sheet 1- of 1	5	
02-10-01068	Adjusting cock for running operation 70-71-72 sheet 1- of 1	6	
02-10-01069	Manometer (12) sheet 1- of 1	2	
02-10-01070	Steam trap (15) sheet 1- of 1	2	
02-10-01071	Bearings Nu 2210 for compressor125 FA 350	4	
02-10-01072	Ball bearing 22210 CJ for compressor125 FA 350	4	
02-10-01073	Packing for compressor125 FA 350	10 m	
02-10-01074	Sealring for compressor125 FA 350	10	
	SPARE PART FOR VOLVMENTRIC FILING UNIT TYPE :VIFOR SUPPLIER :VIFOR		
	sheet No.		
02-10-01075	P.C. board for main supply TL3220- 211 DIESSEL 009-02-82-011-000	7	
02-10-01076	Setting and adjusting element P.C. board TL 3220-20g -DIESSEL 008-02- 82-402-000	3	
02-10-01077	Really P.C.board TL-3220-210 008-02-82-403-000	7	
02-10-01078	Maine fuse NO .(9) 008-06-82-002-000	40	
02-10-01079	Valve fuse NO.(10) 008-06-82-002-000	40	
02-10-01080	Cable for pick-up system NO.-12 008-06-82-002-000	10	
02-10-01081	Pck-up probe	10	
02-10-01082	Cable for main connection power	10	
02-10-01083	Cable for stop key	10	

02-10-01084	Emergency stop key	20	
	SPARE PART FOR CYLINDRICAL AUTOCLAVES TYPE : VIFOR SUPPLIER : VIFOR ÇSwiss		
02-10-01085	Manometer Heretic DRC 100/211.133 DRC 100/211.133 G ½ "Scale 1 to 3 bar	6	
02-10-01086	Valve Klinger KVD " PN/6 DN 20	6	
02-10-01087	FILTER SAMSON 2N PN 16 DN 20	4	
02-10-01088	Pressure reducer regulator valve Samson 39.2 PN 16 DN 20 0.1 TO 1.2 bar	4	
02-10-01089	Pneumatic valve Gemini 514 /25 1"	8	
02-10-01090	Safety valve Ramseyer 441 PN 16 DN 25 H4 2 BAR	4	
02-10-01091	Steam trap spirax sacra FT 11 - 4.5 TV DN 40	8	
02-10-01092	Pneumatic valve Gemini 514 /40 1 ½"	4	
02-10-01093	Pressure reducer Norgen 11-824-011-1"	4	
02-10-01094	Pressure reducer with filter and water tap Festo LFR -1/4-S-7-SM	2	
02-10-01095	Check valve Festo H- ¼ "a	4	
02-10-01096	Electro-magnet valve Lucifer 132A 54 24 V DC	4	
02-10-01097	Pressostat Ashcroft 200 mbar to 4.6 bar	4	
02-10-01098	Electro-magnet valve Lucifer 321 K 13 220 V- 50 H2	4	
02-10-01099	Safety valve kugler 7470 ½ "	4	
02-10-01100	Circulator Grundfoss up 25 -45 220 V - 50 H2	4	
02-10-01101	Thermal resistor gauge degussa PT 100 250 mm Special execution	4	
02-10-01102	Contact thermometer Haenni 0 to 120 c0 L= 250 mm 3 meters	4	
02-10-01103	Pressostat Ashcroft - 1 to 2.3 ba	4	
02-10-01104	Micro switch Telemcanique XCK - J562	4	
02-10-01105	Electro - magnet Bachofen GTCA 060X43 A01 24 V DC	4	
02-10-01106	Manometer Haenni DRC 100/211.133 DN 100 Stainless steel G ½" 0-10 ba	4	

02-10-01107	Recorder ELME S-16 with special paper and inked -Ribbon	6	
02-10-01108	Door gasket LD 3961-82/08-11514	6	
02-10-01109	Mechanical shaft seal Type : NO - AR : 96527 NO.CLIENT : 30023 401	8	
	SYM : 1158039900 uu50 REF : 876952 NO - NEC OU ART : 7913 243		
02-10-01110	NORMOPAC 33 + GRAIN 244X 14-47-62-31-13	12	
	Carriages and trays Data (per set) Capacity 380 containers of 500 ml		
	Length 1350 mm Width 1000 mm Height 1500 mm		
	SPARE PARTS FOR AIR COMPRESSOR TYPE : ATLAS COPCO AG 808E SERIAL : ARP 823 38g Supplier : VIFOR Manufacturer:		
	part No.		
02-10-01111	(Filter element) For high efficiency liquid and aerosol removal filter type PD 300 3569	10	
02-10-01112	Compressor Element 045 045	4	
02-10-01113	Ball Bearing 7154	2	
02-10-01114	O - Ring 5475	4	
02-10-01115	Gasket 2115-01	2	
02-10-01116	Roller bearing 2252 7748-3	1	
02-10-01117	Driving gear 2158-01	1	
02-10-01118	Roller bearing 5115	1	
02-10-01119	Roller bearing 1619 5177	2	
02-10-01120	Seal ring 2252 7747	1	

02-10-01121	Driven gear 1030 0979	6	
	Air INLET Filter		
02-10-01122	Air receiver , oiltank and minnum 22525 6313-00	2	
02-10-01123	Pressur valve 2252 629901	4	
02-10-01124	Separator 2252-7129-80	1	
02-10-01125	Gasket 1619 5242	1	
02-10-01126	Minimum pressur valve ,conpi Motor,motor flange and coupling Coupling element 2253 4947	1	
	Air &oil coder and Fan Fan, Compi		
02-10-01127	SPARE PART FOR CHILLER	2	
	Type : pcx - 180 H5		
	Supplier : vifor		
	Manufacturer : Dunham - Bush LTD Portsmouth hampshire - England		
02-10-01128	Oil pump	4	
	Mod pump: 88 AT 3 Type : 6 MTR :1013 Voit 400 Frq 50 Thermally protector		
02-10-01129	Compressor complete with motor	2	
	Mod :1615 HHF4 V5 D		
	Serial : 82B 800063 ENE FILE : X4357WP -0128 volt 380 PH 3 Freq.50		
	Pilot Expansion - valve		
02-10-01130	Pilot Expansion - valve 5H TCLE GT 2271	2	
02-10-01131	Main Expansion - valve POS: 125 H2 GT: 2597 FRQ: 50 Hz Volt : 240 V	2	
	SPARE PARTS FOR STEAM BOILER		
	TYPE : VITEX RD - 16		
	Supplier : VIFOR		

	Manufacturer : Paul WEBER AG- SWITZER Land		
	Suppliers No.		
02-10-01132	Spare glasses klinger Gr.VIIA weber	6	
02-10-01133	Set of gasket for Erw 42 weber	4	
02-10-01134	Safety valve type: 413 - 433 DN 25-150 Geber Leser	2	
02-10-01135	Gauge Cocks type D8 -65 - 025 klinger	8	
02-10-01136	Reflex Liquid level gauges type KB-D klinger	2	
02-10-01137	Drain Cock ABL klinger	4	
02-10-01138	Flame control box Elco	2	
	TYPE : LAC 3-025 SERIEL :02 SERIEL :02 ts 5sec 3.5 VA		
	FILTERS TO LVWA AIR CONDITIONING SYSTEMS		
	TYPE : LUWA		
	Supplier : VIFOR		
	Manufactuer : LUWA Swiss		
02-10-01139	Pre Filter type FP 85x61	100	
02-10-01140	Pre Filter type FP 85X305X610	30	
02-10-01141	Pre Filter type FP85X610X508	15	
02-10-01142	Hepa filter type RR-S 610X610	50	
02-10-01143	Hepa filter type RR-S 305X305	20	
02-10-01144	Hepa filter type RR-S 457X457	20	
02-10-01145	Hepa filter type RR-S 1525X610	10	
02-10-01146	Air filter class 2 15 ½" x1 1/8"	8	
	a- 3- way mixing valve	2	
	(hong well) type : v5329a nw50		
	b- 3- way mixing valve	2	
	(hong well) type : v5329a nw 65		
	c- 3- way mixing valve	3	
	(hong well) type : v5013 a "1 nd 10		
	d- 3- way Mixing valve	2	
	(hong well) type : v5013a "1 1/4 nd 10		

	e- 3- way mixing valve (hong well) type : v5013a " 1/2 nd 10	3	
	f- 3- way mixing valve (hong well) type : v5013 a " 3/4 nd 10	2	
	g- electrical valve (hong well) type : m7420 a	6	
	h- electrical valve (hong well) type : m7421a	3	
	I- electrical valve (hong well) type : m6420a	3	
	j- regulating damper (hong well) type : sm24 - sr10	45	
	SPARE PART FOR WRAPPING MACHINE TYPE : 010 Supplier : vifor Manufactuer : CAVANA Company Italy		
02-10-01147	UPPER -CUTTING AND SOLDERING HNIF	6	
02-10-01148	Printed circuit VAR	1	
02-10-01149	Thermo-control TCI Type : AIOLS 0-2 450	4	
02-10-01150	FLIP -FLOP	2	
	SPARE PARTS FOR SCAVENGER FILTER Type: CHRIST SCB-50 Supplier: VIFOR SA GENEVE Manufacturer: CHRIST Swiss		
02-10-01151	Salt pot (C1) ? 400 mm diagram No. Tc1-23-2640d	1	
02-10-01152	Main rubber gasket switch over valve(I) (B1) diagram No Tc1-23-2640d	5	
	SPEAR PARTS FOR SOFTENER FILTER Type : CHRIST BS-25 CH Manufacturer: CHRIST Supplier: VIFOR SA GENEVE		
02-10-01153	Salt pot (C2) ? 500 mm diagram No. Tc1-23-2640d	1	

02-10-01154	Main rubber gasket switch over valve(1 1/2) (B2) diagram No Tc1-23-2640d	5	
	SPEAR PARTS FOR DEIONIZER FILTER Type: CHRIST MAXISTIL 10 DUPLEX Supplier: VIFOR SA GENEVE Manufacturer: CHRIST		
02-10-01155	Diaphragms for manual values DN 20 (from diagram Tc123-2640d)	20	
02-10-01156	Diaphragms for manual values DN 25 (from diagram Tc123-2640d)	20	
02-10-01157	Diaphragms for manual values DN 15 (from diagram Tc123-2640d)	20	
	SPEAR PARTS FOR SOLUTION PREPERATION Supplier: VIFOR Manufacturer: Fristam F. Stamp KG(GMGH&CO) 2050 HAMBURG 80/ Telex 021 7804		
02-10-01158	Pump complete with motorType: 722 F	1	
02-10-01159	Mechanical shaft seal complete	5	
02-10-01160	Traditional Tray drier Electrical st. steel cabinet trays drier capacity 150 KG for drying wet granules All electrical part's ,motors ,fam,to be water and alganic solvent proof . Temprature set up ,time set up with controlled board to be included Drying temp up to 150 c St. steel tray's depth not more the 40 mm with trolley	12	
	a- filter holder complete	1	
	type : yy30 - 293-16		
	with spare parts :		
	1- vent relief valve cat .no. yy30 293 66	2	
	2- hand wheel assemly and lock bolt , cat no. yy 22 293 57	8	

	3- inlet flow delector cat no. yy30 293 07	2	
02-10-01161	Laboratory automatic capsules filling machine capacity 2000 -3000 Caps/ hour To fill pellets , pellets + powder , powder only in capsule 00, 0 , 0EL, 1, 2, 3	4	
	SPARE PARTS FOR TANK - LORRY 10,000 L X 4 K LIQUID OXYGEN		
02-10-01162	FILLING FLEXIBILE HOSE (6 METER)	2	
02-10-01163	BALL VALVE FOR PUMP	2	
02-10-01164	PUMP ASSY	1	
	SPARE PARTS FOR AIR SEPARATION PLANT TCON - 200 & FILLING PLANT .		
02-10-01165	FLEXIBILE HOSE FOR FILLING OXYGEN CYLINDER (6A X 570 . 750 L)	200	
02-10-01166	WITH 100 PCS OPENING WERNCHES , MOLECULAR SIEVE (13 X dia 1.6) mm	1,500	kg
02-10-01167	EXPANSION TURBINE (ETS- 140 -07)	2	
02-10-01168	PRECISION CONTROL THACKO METER (0- 300) ,FREQ (0- 4000) .	2	
02-10-01169	STOP VALVE (dia 12) FOR FILLING STATION .	24	
02-10-01170	OXYGEN CYLINDER'S (MANGANESE STEEL , CAPACITY 10 M 3 .	2,000	
	WITH 1500 PCS . OXYGEN VALVE TYPE G11,		
	SPARE PARTS FOR OXYGEN VALVE G11 2000 PCS		
	FOR EACH PART.		
	SPARE PARTS FOR NITROUS OXIDE PLANT TYPE P50-DIR 1150 , KARL KOLB		
02-10-01171	THERMOMETER FOR REACTOR TYPE TMV 100 K 4-2 / 0 - 320 deg- C (NEW MODEL).	1	
02-10-01172	CIRCULATION PUMP JOHNSON TYPE M40 P3 IV 3X300V.	5	
02-10-01173	REACTOR FOR N2O PLANT P50 COMPLETE 800 X 800 X 500 mm	1	

	MATERIAL : STAINLESS STEEL 1.4301 , COIL MADE OF STAINLESS STEEL 1.4435		
02-10-01174	CONDENSOR 676 / 450 X 2630 mm COMPLETE	1	
	MATERIAL : STAINLESS STEEL 1.4301 AND 1.4435		
02-10-01175	PISTON dia 80 1 st STAGE FOR C3N 1F COMPRESSOR dia 80 x 100 mm	3	
02-10-01176	PISTON dia 40 2 nd STAGE FOR C3N 1F COMPRESSOR dia 80 / 40 x 217.5 mm	3	
02-10-01177	PISTON dia 25 3 rd STAGE FOR C3N 1 F COMPRESSOR dia 80 / 25 x 217.5mm .	3	
02-10-01178	PISTON PIN dia 32 x 65 mm .	9	
02-10-01179	PISTON RING dia 80 1 st STAGE FOR C3N 1F COMPRESSOR dia 80 / 73.6 x 3 mm .	25	
02-10-01180	PISTON RING dia 40 2 nd STAGE FOR C3N 1F COMPRESSOR dia 40 / 36.8 x 2.5 mm	40	
02-10-01181	PISTON RING dia 25 3 rd STAGE FOR C3N 1F COMPRESSOR dia 25 / 22. 7 x 2 mm	40	
02-10-01182	TOOTH CHAIN KH 015 A	3	
02-10-01183	SCRUBBING TOWER STAINLESS STEEL 1.4301 WITH SOLUTION CONTAINER dia 500 / 300 x 2630 mm	3	
02-10-01184	INJECTION CYLINDER FOR NITRAT CIRCUIT , COMPLETE . (218.000) MATERIAL : STAINLESS STEEL 1.4301	1	
02-10-01185	LIQUIFIER FOR N2O PLANT P 50	1	

02-10-01186	Special pump to remove the sludge conventional non	3	
	Clog-slow speed centrifugal pump or mixed flow		
	Centrifugal pump, with variable - speed drive to		
	Control the recycle , and adjustable timer to control		
	The working pumps alternatively every 8 hours		
	Head pumping not less than 10 m.		
	Max capacity : 600 m3/day		
	Normal operational capacity : 550 m3/day		
02-10-01187	Special pump to remove the sludge (45 kw ,1500 r.p.m ,3 ph)	2	unit
	Normal operational capacity 190 m3/hr		
	Head pumping up to 50 m (160ft)		
02-10-01188	Air compressors with following specification :	units	
	Air flow rate capacity up to 25 m3/min		
	Normal operating capacity 12 m3/min		
	Pressure up to 60 b/in2		
	1000 r.p.m , 40kw ,380 v, 30hp		
02-10-01189	Epoxy coating	1,000	l
02-10-01190	Epoxy paint	600	l
02-10-01191	Vertical axes surface aerator with the following specification :-	2	l
	1-.hemicylindrical plate cover diam 1.64m and		
	length 4.8 m/gauge 18		
02-10-01192	2. galvanized iron rotor Diameter 0.8 m	2	
	3- .rotor speed 80 r.p.m		
	4-.rotor fixed angles 12 (3"x 3" x 3/8")		
	5-dimension of aerator galvanized plate (5x15x5) cm		
	6.electrical motor for the rotar ,with the following specification:-		

	electrical motor with mechanical gear boxes and a switch board is used to control		
	the operation of the four motors either manually or automatically with steel		
	cabinet of suitable size, the cabinet shall be solidly earthed and contains		
	all the required switches , meters , contractors , relays , timersetc.		
	four cable feeders emerge from the cabinet to feed of the four motors independently		
	*-manual mode each motor may be started and stopped independently		
	*-Auto mode using this mode of operation ,two motors 10 cated on one side of the pool		
	shall be operated alternatively every 6 hours . two timer switch with readjusted setting		
	shall be used for		
	this purpose .the period of taking over between the two motor shall be		
	as minimum as possible.		
02-10-01193	1-Electric motors of the induction type with	4	
	mechanical gear box unit , 3-phase ,4-pole		
	,380V,50Hz.30hp,rating current ,insulation glass F		
	,IP 54 ,gear box ratio 1/18		
02-10-01194	2- Isolating switch with fuses ,400v,100a	1	
02-10-01195	3-Ammeter 0-200 A	3	
02-10-01196	4-Volt meter with change over switch 0-400 V	1	
02-10-01197	5-Earthling loops of 50 mm2 capper rods with connecting lead	1	
02-10-01198	6-Circuit breaker with earth leakage relay 400 V 60 A,3-phase	2	

02-10-01199	7-Contractor with thermal over load protection and on-off push bottoms 400V,40A,3-phase	4	
02-10-01200	8-Selector switch 380V,5A for manual ,auto operation	1	
02-10-01201	9-Timer switch with break before make switch ,24hour,220V,2A	2	
02-10-01202	10-Steel cabinet of about 100x50x25 cm size with door	1	
02-10-01203	11-Cable PVC sheathed 4x25 mm2	1	
	Set of change parts for injection - blow molding machine type Procrea REV 100, ITALY		
02-10-01204	1-Set of 4 cavities injection- blow molding mould to produce bottles of 125 ml 12 gm, material HDPE.	1	
02-10-01205	2-Revolver with 4 cavities to produce bottles of 125 ml ,12 gm , Material HDPE.`	1	
	EQUIPMENT A		
	CHILLERS :		
02-10-01206	Water cooled chiller , centrifugal type trane	4 unit	
	Capacity 800 tons.		
	Voltages 380 v		
	Model No :- ECVGB 080		
	Transformer 11/ 6.6 KV		
	Power supply 11 KV		
	Motor starter chiller 6.6 KV		
	Cooling tower		
	Pumps :		
	3 complete cooling tower pumps (1450 rpm)		
	3 chilled water pump (2900 rpm)		
	Recommended spare parts for 3 years		
	All needed accessories .		
02-10-01207	Water cooled chiller , centrifugal type carrier ,	4 unit	
	Capacity 475 tons.		
	Model No 19 DK 71314 CN		
	Voltages 380 v		

	Motor starter chiller		
	Recommended spare parts for 3 years		
	3- All needed accessories .		
02-10-01208	Centrifugal Compressor for water cooled chiller centrifugal type trane	1	
	ECVGB 080 Capacity 800 tons.		
	- Recommended spare parts for 3 years		
	- All needed accessories .		
	Centrifugal Compressor for water cooled chiller centrifugal type Carrier		
	Model No 19 DK 71314 CN Capacity 475 tons.		
	- Recommended spare parts for 3 years		
	- All needed accessories .		
02-10-01209	Stainless steel shallow tilting pan to be used for preparation of binding agents like starch paste, gelatin mucilage consist of	6	
	Working capacity 100 L .		
	Inner vessel constructed of st. st 316.		
	Jacket electrically heated with temp control up to 150ú C.		
	Cover of tilting pan made of st. st.		
	Gear wheeled tilting device.		
	Hinged or mobile agitator variable speed electrically operated with st. st shaft		
	and propeller having 150 RPM approximately and heater to be explosion proof/		
	Motor and heater starters to be included with the pan and be explosion proof.		
	Spare parts for two years with part list and unit price.		
	To supply ethylene glycol for filling the pan jacket approx. 150 liters.		

	Quarantee for one year after installation.		
	SGS test.		
	CIF Samarra.		
	Any other recommended accessories or options.		
	Our electrical supply A.C. 380 V 50 Hz + N + E		
02-10-01210	Double cone dry mixer	2	unit
	Double cone dry mixer (CL, NE - cone mixer) capacity vol. 1200 L		
	Mixing chamber made of St. St grade 316.		
	Tuning revolution 17 - 20 R.P.M. with charging and discharging valves hight of the discharging		
	valve note less than 60 cm from the floor .		
	Motors and control and panel to be water dust proof.		
	Quarantee for two year with part list and unit price.		
	S.G.S. test.		
	Any other recommended accessories or options.		
	Our electrical supply A.C 380 V 50 Hz + N +E.		
	CIF Samarra		
02-10-01211	Homogenizer Unit.	5	unit
	ST. ST homogenizing unit and recirculating used for high viscosity pharmaceutical		
	products as syrup. Capacity 50 litre		
	The motor to be sidly separated from the mixing area to avoid reach of		
	product to the motor in case of seal damage.		
	Electric starter for the motor must be included and must be Ex - proot		
	and motor also to be explosion proof.		
	Our electric supply is 380 V. 3 Ph 50 Hz +N+E		
	SGS in spatction must included.		

02-10-01212	Universal double arm mixing and kneading machine for pharmaceutical	2	unit
	mixing kneading for power.		
	Agitator style as Z form.		
	Total capacity 300 L.		
	Working capacity 150 - 200 L.		
	All contacts parts with products must be made of ST.ST		
	Mixing vessel automatic tilting type by hydraulic system for discharging of product or during cleaning.		
	Revolution per minute of the driven of motor to be 82 R.P.M.		
	Motors and control panel to be water and dust proof also explosion proof.		
	Spare parts for two years with parts list and unit price.		
	SGS TEST		
	Quarantee for one year after installation.		
	Any other recommended accessories or option.		
	Our electrical supply AC 380 V 50 Hz + N+E		
	CIF Samarra.		
02-10-01213	Aluminum printing machine	10	unit
	Automatic printing machine on aluminum rool sheet width 300mm		
	and variable speed up to 5000 m / hr to feed the ink automatically to the ink rool.		
	Automatic ink drying unit after printing.		
	All pant with contact to aluminum rool to be ST.Steel.		
	The electrical control		
	Safety guard must be included .		
	All accessories needed to put the machine in production must be included .		
	Our electric power supply is 380V . 50Hz . 3Ph+N+E .		

	Commissioning installation training must be included		
	Spare parts for two years with list.		
	CIF Samarra.		
	SGS inspection.		
02-10-01214	Automatic boiler with diaphragm with feed water treatment plant	3	unit
	Steam capacity of boiler 10 000 Kg /hr .		
	Working pressure 8bar		
	Material and wall thickness according to German technical regulation .electricity welded body.		
	Smoke tubes in the second and third flue. Welded in the bottom front reversing chamber for		
	smoke gas , insulated , exhaust gas , cleaning tools , spare packing , as well as all necessary		
	connection pieces for steam feeding ,safety valves , venting , drainage , measuring device ,		
	and with complete insulation made of 100 mm mineral wool and galvanized		
	sheet metal coating , the boiler with		
	Fine fitting		
	Water level limiter		
	Maximum water level limiter		
	Mud drain valve		
	Desalting valve		
	Pump switch		
	Smoke gas shutting damper		
	Furnace plant for firing of fuel oil contain		
	(a).rotating diffuser (b) storage tank for combustion air		
	(c) fan (d) automatic control device for furnace (e) failure indicator (f) control equipment		
	(g) furnace armatures (h) fuel supply with fuel pressure controller i. Start up device		
	Insulation of pipe for hot media		

	Daily tank for oil		
	Feed water treatment plant		
	2 feeding water pump		
	Feed water tank		
	Electric switch plant		
	Piping complete with installed existing boiler with accessories.		
	The water treatment plant specified as follow :		
	Fully automatic feed water treatment plant consisting two units , one is working ,		
	another stand by . capacity for each unit 10 m3/hr . each unit consist of two filters,		
	the second one for making the hardness of the soft water approximately zero the plant with		
	diluting tunk , conductivity water, blending device, dosing devise, sample cooler,		
	sample cabinet and equipment of chemical, including all armatures, piping,		
	testing point and flanges, screws and packing .		
	Commission, conducting test run according to specification		
	CIF Samarra.		
	accessories to put the plant in operation .		
02-10-01215	Cable Tray ,	2,000	mt
	1- 30 cm width x 10 cm high , hot-dip galvanized after		
	fabrication		
02-10-01216	2- cable tray 10 -15 cm width x 5 cm high	4,000	mt
	with all accessories		
	Flexible pipes		
	Steel based flexible conduit with all accessories , size (20 mm, 25 mm , 32 mm) , lengths :		
02-10-01217	*- 20 mm	1,500	mt

02-10-01218	*- 25 mm	1,000	mt
02-10-01219	*- 32mm	500	mt
02-10-01220	Distribution Boards Crab tree 24- 36 ways	250	pcs
	- Bus bar ratings of 100 Amps to 250 Amps .		
	-Incoming from 100 Amps to 250 Amps .		
	-Incoming options Aut .MCCB-RCD - DIRECT		
	- Outgoing circuits from 10 Amps-40 Amps SP-DD-TP		
	-Distribution Boards for 3phase		
	#NAME?		
	with neutral and earth bars .		
	#NAME?		
	- Degree of protection IP 40 BS 5420 IEC 144		
	#NAME?		
	-Out going twenty four to thirty -six ways .		
	Switches for lighting system and Socket out let for power		
	System for building No 1, 2,3		
02-10-01221	1- switch socket outlet rectangular pin 13A single pole	1,500	
	switched type MK or England made .		
02-10-01222	2- switch socket outlet rectangular pin 13A single pole	50	
	weather proof switched type MK or England made		
02-10-01223	3- Switch Socket outlet rectangular pin 15A single pole	400	
	switched type MK or England made		
02-10-01224	4- Switch Socket outlet rectangular pin 15A single pole	50	
	weather proof switched type MK or England made		
02-10-01225	5- switch socket outlet rectangular pin 13A single pole ,	450	
	Duplex switched type MK or England made		

02-10-01226	6- Switch 15 Amp one gang , one way plastic cover .	100	
02-10-01227	7- Switch 15 Amp two gang , one way plastic cover .	250	
02-10-01228	8- Switch 15 Amp three gang , one way plastic cover .	250	
02-10-01229	9- Switch 15 Amp four gang , one way plastic cover .	200	
02-10-01230	10- Switch 15 Amp one gang , two way plastic cover .	40	
02-10-01231	11- Switch 15 Amp one gang with indicator lamp, one way plastic cover .	500	
02-10-01232	12-30 A ,1 Phase ,Isolator or England made .	100	
02-10-01233	13-30 A ,3 Phase ,Isolator or England made .	150	
02-10-01234	14- 60 A ,1 Phase ,Isolator or England made .	20	
02-10-01235	15- 60 A ,3 Phase ,Isolator or England made .	40	
02-10-01236	16- 100 A ,3 Phase ,Isolator or England made .	10	
	Single Wire Stranded Copper Conductor Pvc - Insulated		
	SIZE A*		
02-10-01237	2.5 mm2 red	2,000	mt
02-10-01238	2.5 mm2 Black	2,000	mt
02-10-01239	2.5 mm2 Blue	2,000	mt
02-10-01240	2.5 mm2 yellow	2,000	mt
02-10-01241	2.5 mm2 green	2,000	mt
	SIZE B*		
02-10-01242	4 mm2 red	1,000	mt
02-10-01243	4 mm2 Black	1,001	mt
02-10-01244	4 mm2 Blue	1,002	mt
02-10-01245	4 mm2 yellow	1,003	mt
02-10-01246	4 mm2 green	1,004	mt
	SIZE C*		
02-10-01247	6 mm2 red	1,000	mt
02-10-01248	6 mm2 Black	1,000	mt
02-10-01249	6 mm2 Blue	1,000	mt
02-10-01250	6 mm2 yellow	1,000	mt
02-10-01251	6 mm2 green	1,000	mt

02-10-01252	Galvanized sheet gage 24	75	t
02-10-01253	Galvanized sheet gage 22	75	t
02-10-01254	Aluminum sheet gage 24	15	t
02-10-01255	Acid resistant tiles, thickness 10 mm , Dimension 15cmX15cm	6,000	square meter
02-10-01256	Epoxy coating 6 mm for floor treatment in Mar maceutical in dusterial areas	36,000	l
02-10-01257	Epoxy paints for walls treatment	14,000	l
02-10-01258	Anti static P.V.C tiles	600	square meter
02-10-01259	Electro conductive P.V.C	100	square meter
02-10-01260	Quarry ceramic tiles	500	square meter
02-10-01261	Special partitions (metal type glazed insulated light weight	33,000	square meter
02-10-01262	Metal false ceiling for pharmaceutical production area With lighting fittings florescent type	19,300	square meter
02-10-01263	Double glazed window	500	square meter
02-10-01264	Plaster stop	9,300	square meter
02-10-01265	Expansion joints for :-		
02-10-01266	A- floors	720	mt
02-10-01267	B- Walls	330	mt
02-10-01268	C- Ceilings	330	mt
02-10-01269	Anti fungus paints	3,000	l
02-10-01270	PASSENGER LIFTS FOR BUILDING NO.2	2	unit
	1.Number of lifts		
	2.Delaills of hoisway		
	shaft dimension (clear)		
	2.1M length x 1.75 m width		
	Number of landings 3 nos.		
	depth of pit below first 1.7 m		
	Height of machine room above the hoisway roof 2.7m		
	All the openings are to the same side		
	Door opening in shaft at landings 0.8m width x 2m high		

	3.Lift performance specifications: -		
	type passenger lift		
	capacity 10 passengers or 800 kg		
	type of machine (1) single speed A.C motor geared 1m/s-2m/s		
	type of door: automatic center opening single leaf		
	door close protection :		
	safety edge		
	type of control 1		
02-10-01271	GOODS LIFTS FOR BUILDING NO.2	4	unit
	1.Number of lifts		
	2.Details of hoisway		
	shaft dimensions (clear)		
	3.2m length x 2.3 m width		
	number of landings 2 Nos.		
	depth of pit below first 1.7m		
	high of machine room above the hoisway roof 2.7m		
	all the opening are to the same side		
	lift performance specification		
	type passenger lift		
	capacity 1200kg		
	type of machine (1) single speed A.C motor geared 0.5-0.8 m/s		
	type of door : automatic center opening single leaf		
	door close protection:-		
	safety edge		
	type of control (1)		
02-10-01272	GOODS LIFTS FOR BUILDING NO. 2	2	unit
	1.Number of lift		
	2.Details of hoisway		
	shaft dimensions(clear) 1.75m length x 1.45m width		
	Number of landings 5 Nos.		
	depth of pit below first 1.5m		
	height of machine room above the hoisway roof 2.7m		
	all the openings are too the same side		

	door opening in shaft at landing 0.8 m		
	3.lift performance specifications: -		
	a) Type passenger lift		
	b) Capacity 400 kg		
	c) Type of machine (1) single speed A.C motor geared 0.5-0.8 m/s		
	d) Type of door: -automatic center opening single leaf		
	safety edge		
	type of control 1		
02-10-01273	GOODS LIFTS FOR BUILDING NO.1&2	2	unit
	1.Number of lifts		
	2.Details of hoisway: -		
	shaft dimensions (clear) 2.7m length x 2.3m width		
	Number of landings 4 Nos.		
	depth of pit below first 1.7m		
	height of machine room above the hoisway roof 2.7m		
	all the openings are to the same side		
	3.lift performance specifications: -		
	type passenger lift		
	capacity 1000 kg		
	type of machine (1) single speed A.C motor geared 0.5-0.8 m/s		
	type of door :- automatic center opening single leaf		
	door close protection		
	safety edge		
	type of control (1)		
02-10-01274	PASSENGER LIFTS FOR BUILDING NO.3	2	unit
	Number of lifts.		
	Details of hoisway		
	shaft dimensions (clear) 1.8m length x 1.5 m width		
	Number of landings 3 Nos.		
	depth of pit below first 1.5 m		
	height of machine room above the hoisway roof 2.7m		
	all the openings are to the same side		

	lift performance specifications:-		
	type passenger lift		
	capacity 6 passengers or 500 kg		
	type of machine (1) single speed A.C motor geared 1m/s		
	type of door:- automatic center opening single leaf		
	door close protections:-		
	safety edge		
	type of control (1)		
02-10-01275	GOODS LIFTS FOR BUILDING NO.1	1	unit
	Number of lifts.		
	Details of hoisawy :-		
	shaft dimension (clear) 2.7m length x 2.3m width		
	Number of landings 3 Nos.		
	Depth of pit below first 1.7 m		
	Height of machine room above the hoisway roof 2.7 m		
	All the opening are to the same side		
	Lift performance specifications :-		
	Type passenger lift		
	Capacity 1000 kg		
	Type of machine (1) single speed A.C motor geared 0.5-0.8m/s		
	Type of door:- automatic center opening single leaf		
	Door close protections:-		
	safety edge		
	type of control (1)		
02-10-01276	Dial head automatic balances	25	
	Scale range		
	20 kg		
	Scale division		
	10 g		
	Quick taring device		
	2 kg		
	Maximum load		
	24kg		
02-10-01277	Head automatic plat form balances	20	
	Scale range		
	100-120 kg		

	Scale division		
	100g		
02-10-01278	complete unit screw liquid chiller air cooled packages with all necessary accessories to put the chiller in operation .	4	unit
	capacity : 200 tons		
	voltage : 380 v		
	ambient temperature (40- 55) cú , refrigerant : R 22		
02-10-01279	A COMPLETE I.V. SOLUTION PRODUCTION PLANT .	10	unit
	PACKING : BOTTLE BAGS MADE FROM EITHER		
	" POLYETHYLENE " OR POLYPROPYLENE "		
	VOLUME : (5-50 -100-250-500-1000) ML .		
	CAPACITY : (16,000000) SIXTEEN MILLION BOTTLES OF 500 ML VOL. PER ANNUM .		
	DESCRIPTION :		
	1- MACHINERY :		
	BLOW - FILL & SEAL MEDICAL AUTOMATIC MACHINES (WITH COMPLETE AUXILLARY EQUIPMENT & MOULDS FOR EACH SIZE)		
	2-COMplete SOLUTION PREPARATION UNIT		
	3- COMPLETE STERILIZATION UNIT		
	4- WATER TREATMENT UNIT.		
	5- COMPLETE BIO-AIRCONDITIONING SYSTEM.		
	6- LAMINAR FLOW SYSTEM.		
	7- CLEAN-ROOM EQUIPMENT.		
	8-PACKING MACHINERY & EQUIPMENT.		
	9- COMPLETE (QUALITY CONTROL & LABORATORY EQUIPMENT & INSTRUMENTS.		
	10- ACCESSORIES ,EQUIPMENT & UTILITIES FOR STORAGE AND HANDLING.		
	11- SPARE-PARTS FOR FIVE YEARS OPERATIONS.		
	12- INSTALLATION AND START-UP OF PLANT.		
	13- WARRANTY PERIOD: (1)ONE YEAR AFTER START-UP.		

	14- TRAINING ON OPERATION AND MAINTENANCE AT BUYER'S SITE FOR ONE MONTH.		
	15- TRAINING OF(SIX)PERSONS FOR A PERIOD OF TWO WEEKS AT MANUFACTURER'S SITE.		
	THE SUPPLIER WILL BEAR TRAVELLING,MISSING&ACCOMODATION EXPENSES.		
	16- DOCUMENTS:		
	TWO SETS OF ENGLISH MANUAL OPERATION AND MAINTENANCE.		
	CIVIL,MECHANICAL & ELECTRICAL DRAWINGS OF THE PLANT.		
	17- OIL,LUBRICANTS AND SPECIAL TOOLS.		
	P.S. :		
	1. EACH ITEM HAD TO BEST REGARDS QUOTED AND PRICED CLEARLY.		
	2. THE PRICES CIF BAGHDAD.		
	3. ANY OPTIONAL OFFER COULD BEST REGARDS QUOTED SEPARATELY.		
	4. COUNTRY OF ORIGIN: EUROPE.		
Code No	Item Descriptions Complemeentray Items (If-Plicable)	Qty in unit	
02-10-01280	Anti- BHCG Agglutinating monoclonal antibodies	20	Set/Containers
		6	ml
02-10-01281	Latex Beads 0.45u		
	(carboxylated modified) polystyrene (pfs) Sigma.	1	l
02-10-01282	Latex Beads 0.8U polystyrene (pfs) Sigma	250	ml
02-10-01283	Cyanamide (pfs) Sigma (Carbodi imide: Hydrogen cyanamide)	500	g
02-10-01284	Freund adjuvant (Complete).	40	10 ml
	Each ml contain lmg mycobacterium		

	Tuberculosis, 0.85ml paraffin & 0.15ml Mannide mono		
	olate		
02-10-01285	Millipore filter paper Ap2014 250	25	box of 50
		sheet	
02-10-01286	HRP horseraddish peroxidase RZ 3.0 330 unit per mg	100	mg
02-10-01287	Fluorescein iso thiocyanate (isomer I)	2	g
02-10-01288	HAT selective medium component	250	g
	(Hypoxanthine, Aminoptrine, Thymidin		
02-10-01289	Freez drying pilot plant (total charing area 2.16m ²)	1	
02-10-01290	Fermenter 25L	1	
02-10-01291	Myeloma cell		
02-10-01292	Foetal calf serum	4	l
02-10-01293	Cell culture medium RPMI - 1640	2	l
02-10-01294	Minimum Essential Medium (MEM)	2	l
02-10-01295	Medium 199	2	l
02-10-01296	Muller hinton ager	450	g
02-10-01297	Macconkey ager	450	g
02-10-01298	Neutrient broth	450	g
02-10-01299	1gM immuno kit	2	kit
02-10-01300	1g A immuno Kit	2	kit
02-10-01301	1g G immuno Kit	2	kit
02-10-01302	Falcon for Tissue culture size (250ml)	500	
02-10-01303	Laminar airflow	1	
02-10-01304	Sodium Borohydride	50	kg
02-10-01305	Rose bengal stain	100g	g
02-10-01306	Dialysis Sac 2 cm	20 meter	m
02-10-01307	Anti C3d Monoclonal	1 mI	ml
02-10-01308	Antibiotics:	50	g for each type
02-10-01309	1. .Nitrofutantoin		
02-10-01310	2. Amikacin		
02-10-01311	3. Carbenicillin		
02-10-01312	4. Cephalothin		
02-10-01313	5. Cephotaxime		
02-10-01314	6. Clindamycin		
02-10-01315	7. Cloxacillin		

02-10-01316	8. Fusidicacid		
02-10-01317	9. Kanamycin		
02-10-01318	10. Lincomycin		
02-10-01319	11. Tobramycin		
02-10-01320	12. Amoxicillin		
02-10-01321	13. Amikacin		
02-10-01322	14. Ampiclox		
02-10-01323	15. Ampicillin		
02-10-01324	16. Bacitracin		
02-10-01325	17. Carbencillin		
02-10-01326	18. Cloxacillin		
02-10-01327	19. Cephalothin		
02-10-01328	20. Cephataxime		
02-10-01329	21. Cephalixin		
02-10-01330	22. Choramphenicol		
02-10-01331	23. Clindamycin		
02-10-01332	24. Erythromycin		
02-10-01333	25. Fusidicacid		
02-10-01334	26. Gentamicin		
02-10-01335	27. Kanamycin		
02-10-01336	28. Lincomycin		
02-10-01337	29. Neomycin		
02-10-01338	30. Nalidixic acid		
02-10-01339	31. Nitrofurantoin		
02-10-01340	32. Rifampicin		
02-10-01341	33. Streptomycin		
02-10-01342	34. Co- trimoxazole		
02-10-01343	35. Tetarcycline		
02-10-01344	36. Toxytetracyclin		
02-10-01345	37. Doxyeycline		
02-10-01346	38. Norofloxacin		
02-10-01347	39. Colestin		
02-10-01348	40. Inrofloxacin		
02-10-01349	41. Netronidazole		
02-10-01350	Aluminum foil plated with lye resist for chemical component .	750	square meter
02-10-01351	Cartridge (plastic cylinder for packing Antibiotic disc).		(7CM * 1CM)
	Equipment		
02-10-01352	Centrifuge	1	
	Max speed rpm 1000- 11500		

	Max capacity ml 4x100		
	Cooled Centrifuge		
02-10-01353	Flame photo meter	1	
	detection Limit Na<0.2 ppm		
	K <0.2 ppm		
	Li <0.2 ppm		
	Ca <15 ppm		
	Ba <30 ppm		
02-10-01354	Microscope	1	
	Binocular body		
	Photoautomat		
	Camera system		
	Multi - purpose Video System		
Code No	Name of Equipment's / Description		
02-10-01355	Flam Atomic Absorption Spectromer		
	Main Unit With PC and Printer	1	
	Silent air compressor	1	
	Mercury vapor analyzer (MVA)	1	
	Gas flow through cell positioner for MVA	1	
	Cell holder for MVA	1	
	Hydride generator unit	1	
	Hollow cathode lamps for the following elements,		
	AL, As, Ba, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg	Two of each b	
	Ni, K, Na, Si, Ag,V and Zn.		
	Be, B, Mo, Sr, Zr, Ti, Sb, Pd, Ta, W, In, Sn and Sb.	One of each	
	Standard solutions for above elements	One liter each	
	Gas with cylinder , C2 H2	1	
	Pressure regulator C2 H2	2	
	Gas with cylinder , N2O	1	
	Pressure regulator , N2O	2	
	High temperature burner head	2	
	D2 lamp	2	
	Nebulizer assy	1	
	Dispensor assy	1	
	O- rings for consumable parts	One set of each	

	Teflon tubing	1	set
	Chart papers	500	
	Training of one person		
02-10-01356	Gas Chromatography		
	Complete unit with		
	FID, TCD, ECD, FPD detectors	1	
	S filter	1	
	P filter	1	
	Work station PC and printer	1	
	Capillary column accessory set	1	
	Oilless air compressor	1	
	Hydrogen generator	1	
	Complete set of columns filled and empty	1	
	Complete set of accessories and recommended spare parts	1	
	Training of one person		
02-10-01357	COD photometer		
	Consisting of	1	
	COD measuring set up	1	
	One set of vial testes (complete range)	1	
	Vial stands	1	
	COD thermoreactor	1	
02-10-01358	Programmable Lab./ Spectrophotometer	1	
	Programmable spectrophotometer with photodiode array technology.		
	for the rapid environmental determinations of cations, anions and organics		
	Wave length range 300 - 850 nm		
	Accuracy < 1 nm		
	auto zero and select		
	Training of one person		
02-10-01359	Ion Selective Electrode Unit		

	Ion Selective Electrode, Chloride , Fluoride Iodide, Bromide ...	1	
	etc determination in waters		
	Standard solution for above	1	
	Spare electrodes for above	two of each	
	Training of one person		
02-10-01360	Standard Gases	Two cylinders	
		of each	
	SO ₂ , NO ₂ , NO, CO, H ₂ S and He		
	purity > 99.99%		
02-10-01361	Potentiostat Unit	1	
	Working potentiostat with recorder and amplifier		
02-10-01362	Solar Cells / Power 50 Watt/ Dimension 92 cm*31cm*1cm	100	
	Solar Cells / Power 100 Watt/ Dimension 92 cm*31cm*1cm	100	
Code No.	Name and Specifications Assay Limit		
02-10-01363	Tylosin tartrate (W.S.P)/U.S.P23 BP98, BP Vet 93 / 95-105%	5,000	
02-10-01364	Erythromycin Ethyl succinate(W.S.P)U.S.P23 BP98 95-105%	700	
	BP Vet.93		
02-10-01365	Neomycin sulphate (W.S.P)U.S.P23 BP98, BP Vet.93 95-110%	2,500	
02-10-01366	Oxytetracyclin (HCL) W.S. P/ U.S.P23 BP98, BP Vet/ .93 90-105%	2,500	
02-10-01367	Ampicillin trihydrate W.S.P / U.S.P23 BP98, BP Vet/ .93 90-110 %	4,500	
02-10-01368	Amoxycillin trihydrate(W.S.P)/ U.S.P23 BP98, BP Vet/ .93 NLT.92%	2,000	
02-10-01369	Sulfa merazin / U.S.P23 BP98, BP Vet/ .93 92.5-101%	500	
02-10-01370	Flumequin (W.S.P)/ U.S.P23 BP98, BP Vet/ .93	2,000	

02-10-01371	Amprolium HCL(W.S.P) / U.S.P23 BP98, BP Vet/ 97.5-101%	2,000	
02-10-01372	Trimethoprim / U.S.P23 BP98, BP Vet .93 92-107%	1,000	
02-10-01373	Sulfadiazine / U.S.P23 BP98 BP Vet/ .92.5 -107%	5,000	
02-10-01374	Vit.A acetate 500000(I.U)(W.S.P) Not less than 500000 I.U	2,200	
02-10-01375	Vit. D3 (W.S.P) 400000000 I.U or 500000 I.U /	40	
	U.S.P23 BP98 ,B Pvet.93 U.S.P NLT. 500000 I.U	1,200	
02-10-01376	Vit. E adsorbate 33% or 50% U.S.P23 BP98 BPVet.93 0.5 million I.U	2,000	
02-10-01377	Vit. C (W.S.P)/ U.S.P23 BP98/ BP Vet. 93	3,500	
02-10-01378	Vit. B1 (W.S.P)/ U.S.P23 BP93/ BP Vet. 93 98-101%	200	
02-10-01379	Vit B2 (W.S.P) U.S.P23 BP98, BP Vet93 99- 101%	200	
02-10-01380	Nicotin amide (W.S.P) U.S.P23 BP98, BP Vet93 99- 101%	130	
02-10-01381	Vit B12 (W.S.P) / U.S.P23 BP98, BP Vet93 99- 101%	5	
02-10-01382	Vit B6 (W.S.P)/ U.S.P23 BP98, BP Vet93 98- 101%	50	
02-10-01383	Vit. K3 (W.S.P)/ U.S.P23 BP98, BP Vet93 98.5- 101%	25	
02-10-01384	Folic acid / U.S.P23 BP98, BP Vet93 98- 101%	50	
02-10-01385	Manganese sulphate (W.S.P) / U.S.P23 BP98, BP Vet93 NLT . 98%	75	
02-10-01386	Ferrous Sulphate (W.S.P)/ U.S.P23 BP98, BP Vet93 99.5 - 104.5%	50	
02-10-01387	Zinc Sulphate (W.S.P) / U.S.P23 BP98, BP Vet93 99.5 - 104%	150	

02-10-01388	Sod.C.M.C / U.S.P23 BP98, BP Vet93 6.5-9.5%	150	
02-10-01389	Cal. Diphosphate (W.S.P) / U.S.P23 BP98, BP Vet93 Assay BBC63	250	
02-10-01390	Copper sulphate (W.S.P)/ U.S.P23 BP98, BP Vet93 NLT. 98%	25	
02-10-01391	Cal. Carbonate / U.S.P23 BP98, BP Vet93	3,500	
02-10-01392	Malt. Diastase / U.S.P23 BP98, BP Vet93	10	
02-10-01393	Mag. Glycerol phosphate / U.S.P23 BP98, BP Vet93 Assay BBC63	50	
02-10-01394	Cal. Glycerol phosphate / U.S.P23 BP98, BP Vet93 Assay BBC63	200	
02-10-01395	Sod. Glycerol phosphate / U.S.P23 BP98, BP Vet93 Assay BBC63	100	
02-10-01396	Sod. E.D.T.A/ U.S.P23 BP98, BP Vet93 98.5 - 101%	50	
02-10-01397	Sod. Benzoate / U.S.P23 BP98, BP Vet93 99-100.5%	50	
02-10-01398	Sod. Citrate / U.S.P23 BP98, BP Vet93 / 99-101%	200	
02-10-01399	Sod. Bicarbonate / U.S.P23 BP98, BP Vet93	1,500	
02-10-01400	Pot. Iodide / U.S.P23 BP98, BP Vet93 Qty. test 98.5% of Ca. Carbonate	5	
02-10-01401	Magnesium sulphate / U.S.P23 BP98, BP Vet93	50	
02-10-01402	Methyl paraben / U.S.P23 BP98, BP Vet93 99.5- 110%	30	
02-10-01403	Propyl paraben / U.S.P23 BP98, BP Vet93 99.5- 110%	30,000	
02-10-01404	Lactose / U.S.P23 BP98, BP Vet93 Qty. Identifi cation 19	30,000	
02-10-01405	Yeast extract / U.S.P23 BP98, BP Vet93 Qty. yeast (reagent test)	500	

02-10-01406	Glucose / U.S.P23 BP98, BP Vet93 Qty. Identification 19	50,000	
02-10-01407	P.V.P / U.S.P23 BP98, BP Vet93 11.5-12.5%	75	
02-10-01408	Aerosil / U.S.P23 BP98, BP Vet93 97-108%	1,000	
02-10-01409	Xanthane / U.S.P23 BP98, BP Vet93 4.5-5%	100	
02-10-01410	Pectin / U.S.P23 BP98, BP Vet93 6.7% methoxy	50	
	groups or (-OCH ₃) and not less than 74% of galacturonic acid (C ₆ H ₁₀ O ₇)		
02-10-01411	Citric acid / U.S.P23 BP98, BP Vet93 99.5 - 105%	1,000	
02-10-01412	Aluminum Foil Sachet / U.S.P23 BP98, BP Vet93	4,000	
02-10-01413	Sod. Carbonate / U.S.P23 BP98 / BP Vet93 98-100%	2,000	
02-10-01414	Potentiostat for corrosion testing of steel in concrete	1	
	(Laboratory and in situ)		
	A complete computerized set composed of : potentiostat for		
	corrosion rate measurement with full range of accessories		
	(multimeter, electrode, standard corrosion cell ...etc),		
	corrosion rate meter for steel in concrete battery generated		
	with complete accessories, a hand held digital half cell and		
	data logger system. All equipment should comply with the		
	requirements of B.S 1881 and A.S.T.M 876.		
02-10-01415	Heating Microscope	1	
	A laboratory apparatus . To be used for testing specimens of		
	refractory building materials by observing their behaviour under		
	the effect of applied temperature (up to a maximum of 1750 C		

	It consists of a tube furnace in which the specimen is to be		
	installed and shall be continually observed upon heating (with the		
	aid of a microscope) until the maximum temperature is attained		
	(1750 C) or it fuses.		
02-10-01416	Plastic Bottle:	3 unit	
	Fully automatic injection -stretch - blow moulding		
	machine for production of (PET) bottles with the		
	following capacity:-		
	Volume of the bottle:		
	1-125		
Ml			
	2-150		
Ml			
	3-300		
Ml			
	4-1000		
Ml			
	capacity :		
	1-25		
Million / years			
	2-10		
Million /years			
	3-3		
Million/years			
	4-2		
Million /years			
	*All needed optional and accessories equipment		
	to but the machine on production.		
	*The voltage for the machine must be		
	3 pH, 380 V, 50Hz+N+E		
	*Loadless testing safety prevention		
	measures		
	instruction and safety plates.		
	*spare parts for 2 years		
	*Alter of guarantee for a period of 12 months.		

	*Break down prices for (supplied machine , errection		
	and commissioning ,maintenance,installation, induestrial		
	services inside the rooms (cables,chilled water pipes,compressed		
	air pipe...Etc.)and training for technical of medical staff.		
	*All needed catalogues and operating manuals in		
	English must be sent with the offers.		
	*All needed information ,specification for the said		
	machine and equipment.		
	*Raw materials for production for six monthes		
02-10-01417	Set of 10 cavittes injection and blowing models for	2	set
	production of preffarms and bottles with the		
	following specification :-		
	a-Injection mould .		
	b-conditioning group.		
	c-Stretching group.		
	d-Blowing mould.		
	25 Million/years		
	10 Million/years		
02-10-01418	set of mould suitable to produce bottles	2	set
	size 300 ml and 1000 ml for production of preforms and		
	bottles with the following specification and capacities:-		
	A- inection mould.		
	b- conditioning group		
	c- stretching group		
	d- blowing mould.		
	capacity 2. 300ml 3million lyears		
	.1000ml 2 million lyears.		

02-10-01419	line for PET loading and Dehuumidifying with the following	3	line
	specification:-		
	A)Dehumidifier:-		
	*capacity 50 kg/hr		
	*Air delivery 270 Mc/h		
	*Dew point -50 C		
	*Installed powers 25,5 Kw		
	*To be feeded withh chilled water.		
	B)Insulated hopper.		
	*Capacity 250 Litter		
	*Inox steel		
	C)Automaatic hopper loader		
	*Vacuum loading		
	*installed power 1,5 Kw.		
02-10-01420	Line for high pressure air 40 BAR - 480Nmc/h	1	line
	with the following :-		
	A)oil free compressor:		
	*Inlet air pressure atmospheric		
	*Max delivers pressure 40 bar		
	*Flow rateat 40 bar 480 Nmc/hr		
	*Installed power 120 Kw.		
	B)water cooler with circulating unit		
	C)final cooler for compressed air.		
	D)2000 litters air tank with safety valve		
	E)compressed air dryer		
	F)final fillter		
02-10-01421	Mould /conditioning temperature regulator with the fiollowing specification:	3	
	*Range of use 40-120 C		
	*heating power 6 Kw		
	*cooling power 14.000 Kcol/hr.		
	to be feeded with chilled water		

02-10-01422	Mould AREA air conditiones, chemical adsorption device ,	3	
	Fiber glass rotor with silica ge :-		
	* psocess air flow rate 270 mc/hr		
	* cooling powes 3800 frig/hr		
	* Installed power 3.1 kw .		
	* to be feeded with chilled water .		
02-10-01423	Closed loop water chiller .	1	unit
	*condensation without water consumption		
	*Reciprocaton pistons and orbiting spiral compressor.		
	*thermally insulated tank included .		
	*complete with electric board and control in struments.		
	* Refrigerant cycle gas (any kind exepl- R22)		
	*nominal refrigerant power 130,000 - 135.000 frig/hr		
	*outlet water temperature 120 c		
	installed power 58 kw .		
02-10-01424	Pastel Uv analyzer to analyze and predict for the following elemants :-	1	
	TSS		
	BOD		
	COD		
	N03		
	TOC		
	AL		
	CL		
02-10-01425	Compact Photometer	1	
	for testing the following :		
	*AL		
	*FREE CHLORIDE		
	*Total chloride		
	*AMMONIUM		
	*CL02		
	*CHLORIDE		

	*CN		
	*CRAMIUM		
	*MG		
	*IRON		
	*NI		
	*N2H4		
	*N03		
	*N02		
	*OZONE		
	*PH		
	*PHOSPHATE P04		
	*Parts for quick change.		
	*Break down lists consisting of the prices for		
	(supplide equipments ,errection of commissing)		
	maintenance , installation & training for technaical & medical staff		
	*Aletter of garanty for two months		
02-10-01426	complete line ,fully automatic machine for producing		1 unit
	empty hard gelatin capsules with the following specification consisting of one or more production machine .		
	capacity:- 2000 million/years		
	size:- 0 and size 1		
	*All needed information , specification for the said machine and		
	equipment in addaiton to the industerial servece inside the rooms		
	(cables,chilled water pipes ,compressed air pipe ...Etc) for the		
	productionn line are the suppliers responsiplty.		
	*All needed catalogues and operating manuals in		
	English must be sent with the offers.		
	*All needed information ,specification for the said		
	machine and equipment.		

	*Raw materials for production for one years		
	*labortary equipments		
	*All needed support ,Axiliary and printing equipment		
	*spare parts for 3 years		
	*Parts for quick change.		
	*Break down lists consisting of the prices for supplied equipments		
	errction and commissing ,maintenance ,installation and traning for		
	technical & medical staff		
	*Aletter of garanty for two months		
02-10-01427	complete qualty control Eqmipment and all auxiliariys equipment .	1	unit
	complete warkshope		
02-10-01428	Extra set of change parts for lblister packaging machine model 3000FB	7	set
02-10-01429	Universal feeder / flooding box	4	nos
02-10-01430	Spare for 27 station DRTM:	2	nos
	BF-2 wedge	2	
	BJ-6 Lowering cam	4	
	BJ - 7 Lifting cam	6	
	MJ - 9, 10, 11 RH, LH & rear friction plate	2	
02-10-01431	Spare for 35 station DRTM:		nos
	BF-2 wedge	4	
	BJ-6 Lowering cam	6	
	BJ - 7 Lifting cam	8	
	MJ - 9, 10, 11 RH, LH & rear friction plate	4	
02-10-01432	Counter meter	2	nos
02-10-01433	Digital meter for main motor	2	nos