

Annex AGRI. - 4

ENHANCING DOMESTIC ANIMAL PRODUCTION

Sector: Agriculture

Sub sector: Animal disease control and animal production

Activity Restoration of an adequate diagnostic and operational capacity in the veterinary services to enhance the efficiency of existing distribution system .

Priority within the sector: HIGH

1st- Veterinary Pharmaceuticals

Code	Item Description	Packing	Qty. in unit	Intended Use	Allocation Criteria	Field Application	Optimal delivery
05-04-00001	Vitamins, minerals and amino acids high conc. W.S.P. contains: (A, D3, E, C, B1, B2, B6, B12, k3, folic acid, Manganese, Zinc, Iron, Cobalt, Potassium, Calcium, Nicotinamid, Methionine, Lysine, Glutamic acid, Cystin, Valine, Tyrosine, Aspartic acid, Histidine, proline, Seirene, Tryptophane.	1 kg	20 000 kg	To supplement poultry feeding and prevent disease stress during infection	According to poultry farms and backyard concentration in each governorate	All Year Round	As soon as possible
05-04-00002	Enrofloxacin 10% (Liquid), each 1 ml. Contain: 100mg enrofloxacin	1/2 lit	75,000 lit.*	Treatment of poultry diseases	=	=	=
05-04-00003	Ciprofloxacin 10%(Liquid), each 1 ml. Contains: 100 mg ciprofloxacin .	1/2 lit	50 000 lit.	Treatment of poultry diseases	=	=	=
05-04-00004	Spiramycin hydrochloride 20% W.S.P. (Spiramycin as a base 20%).	1/2 kg	15 000 kg	Treatment of poultry diseases	=	=	=
05-04-00005	Erythromycinthiocyanate W.S.P. each 100 gm contain: 20 gm erythromycin as a base.	1/2 kg	30 000 kg	Treatment of poultry diseases	=	=	=
05-04-00006	Amoxicillin trihydrate W.S.P. each 100 gm contains: 20 gm amoxicillin as a base	1/2 kg	25 000 kg	Treatment of poultry diseases	=	=	=
05-04-00007	Neomycin sulphate W.S.P. each 100 gm contain: 30 gm Neomycin as a base.	1/2 kg	20 000 kg	Treatment of poultry diseases	=	=	=

* amended 17 August 2000

05-04-00008	Doxcyclin 20% as a base W.S.P.	1/2 kg	20 000 kg	Treatment of poultry diseases	=	=	=
05-04-00009	Ampicillin trihydrate W.S.P. each 100 gm contain: Ampicillin 20 gm as a base	1/2 kg	25 000 kg	Treatment of poultry diseases	=	=	=
05-04-00010	Tylosin as a base W.S.P. each 114-118 gm contains: Tylosin 100gm Tartrate 14-18 gm	pack of 114-118 gm	40 000 pack	Treatment of poultry diseases	=	=	=
05-04-00011	Vit. C 25% and Acetyl Salicylic acid 25% W.S.P.	1 kg	10 000 kg	To supplement Poultry feeding	=	=	=
05-04-00012	Cocciostat feed additive (Salionmycine)	5 kg	30 000 kg	For coccidia treatment in poultry			
05-04-00013	Feed additive (premixes) contains: Vitamins, minerals & amino acids as combination	10 kg	40 000 kg	Treatment of vitamin and mineral and protein deficiency in poultry	=	=	=
05-04-00014	Vit. E and Selenium W.S.P. each 1 kg contains: Vit. E: 50-100 gm Selenium 2 gm	1 kg	10 000 kg	To supplement poultry feeding system to promote egg production and fertility .	=	=	=
05-04-00015	Amprolium hydrochloride 60% W.S.P. each 1 kg contains: 600 gm Amprolium pure OR Sulphadimidine sodium 300 gm/kg with diaveridine 25 gm/kg OR Toltrazuril (liquid) 2.5gm/100ml	1 kg	60 000 kg	Treatment of coccidiosis in poultry	=	=	=
05-04-00016	Diuretic for poultry - Methenamine each 100 gm contain: 99% - 100% Methenamine	1 kg	10 000 kg	Treatment of vitamin deficiency in poultry	=	=	=
05-04-00017	Vitamine AD3E each 1 kg contains: Vit. A: 100 000 000 IU Vit D3: 50 000 000 IU Vit. E : 40 gm	1 kg	10 000 kg	Treatment of vitamin deficiency in poultry	=	=	=
05-04-00018	Phenol derivative	Gallon 5 lit	15 000 gallon	Disinfecting animal houses	=	=	=
05-04-00019	Iodophore (1.8 free iodine)	Gallon 5 lit	15 000 gallon	Disinfecting animal houses	=	=	=
05-04-00020	Pot. Permanganate	5 kg	25 000 kg	Sterilizing agent	=	=	=

05-04-00021	General tonic injectable contains: A, D3, E, C, B1, B2, B6, B12, Vit. K, Calcium, pantothenate, phosphorus, Mag. Iron, Copper, Cobalt, Nicotinamide, Choline and other essential elements.	Bott. 100 C.C.	25 000 Bott.	Treatment of vitamin deficiency in ruminants	=	=	=
05-04-00022	Ivermectin 1% inj.	Bott. 50 C.C.	20 000 bott.	Treatment of ecto and endo parasite in ruminants			
05-04-00023	Synthetic pyrethroid, pour on formula	Bott. 500 C.C.	30 000 bott.				
05-04-00024	Fly insecticide	Pack 1/2kg	20 000 kg	Fly control in animal farms	=	=	=
05-04-00025	Lick block , each block contains : Sodium, phosphorus, mag. , cobalt, iodine, mang., zinc, Iron, selenium, calcium & copper	Block 5 kg Block 10 kg	40 000 block 30 000 block	Treatment of vitamin deficiency in ruminants	=	=	=
05-04-00026	Rodent poison	Pack 25 gm	30 000	Treatment of rodent in animal farms	=	=	=
05-04-00027	Ointment for topical application contains : Camphor, menthol, boric acid, salicylic acid, zinc oxide, methyl salicylate, turpentine oil	Pack 100 gm	5000 pack	Treatment of ey infection in ruminants	=	=	=
05-04-00028	Calcium borogluconate 20-30%	Bott. 250 C.C.	4 000 Bott.	Treatment of digestion disorder in ruminants	=	=	=
05-04-00029	Amoxicillin trihydrate injectable each ml contains : 150 mg amoxicillin	Bott. 100 C.C.	15 000 Bott.	Treatment of diseases in ruminants	=	=	=
05-04-00030	Sterile powder contains :- Procaine benzyl penicillin 2 250 000 IU Sodium benzyl penicillin 750 000 IU Dihydrostreptomycin sulphate 3g /vial	Vial 3 gm	50 000 vials	Sterilizing agent for ruminants	=	=	=
05-04-00031	Kanamycin sulphate each ml contains : 100 mg kanamycin.	Bott. 100 C.C.	10 000 Bott.	Treatment of diseases in ruminant	=	=	=
05-04-00032	Levamisole hydrochloride 1.5-3% and oxycozanide 3-6% (suspension)	1 lit	150 000 lit	Treatment of liver fluke in ruminants	=	=	=
05-04-00033	Oxfendazole 2.265% (suspension) or Al-bendazole 2.5% (suspension)	1 lit	150 000 lit	Treatment of liver fluke in ruminants	=	=	=
05-04-00034	Rafoxinide 3% Or triclabendazol (suspension)	1 lit	150 000 lit	Treatment of liver fluke in ruminants	=	=	=

05-04-00035	Cypermethrin 10% liquid OR Daltamethrine 5% liquid (An emulsifiable con: Cypermethrine stability 2 years minimum under normal condition and tightly sealed and pack in Aluminum containser seated.	Gallon 5 lit	60 000 gallon	Fly control	=	=	=
05-04-00036	Trimetheprim and sulphamethoxine inj. Each 1ml contains Trimetheprim 80 mg Sulphamethoxine 400 mg	Bott. 100 c.c.	15 000	Treatment of diseases in ruminants	=	=	=
05-04-00037	Tylosin 20% inj.	Bott. 100 c.c	15 000 bott.	Treatment of diseases in poultry	=	=	=
05-04-00038	Anti-inflammatory agent (steroid inj. Sol.	Bott. 100 c.c	5 000 bott.	Treatment of ruminant diseases	=	=	=
05-04-00039	Treatment for tempany & bloat each 100 ml contains - Silicon methyl - Peppemintol - Trypentin oil - Yanson oil	Bott. 100 c.c	50 000 bott.	Treatment of bloat in ruminants	=	=	=
05-04-00040	Treatment for mastitis (ointment) each tube containing one antibiotic or as combination with other antibiotics.	4 tube in 1 pack (5 gm for ovine) (10 gm for bovine)	60 000 pack 70 000 pack	Treatment of mastitis in ruminants	=	=	=
05-04-00041	Buparvaquine 5% inj.	Bott. 50 c.c.	5 000 bott.	Treatment of theilieriosis in ruminants	=	=	=
05-04-00042	Gentamycin 4-8% inj.	Bott. 100 c.C.	20 000 bott.	Treatment of diseases in ruminants	=	=	=
05-04-00043	Niclosamide tablets each tab. Contains 200mg niclosamide .	Pack 10 tab	15 000 tab.	Treatment of tape worms in animals	=	=	=
05-04-00044	Treatment for diarrhea	1 kg	10 000 kg	Treatment of diarrhea in ruminants	=	=	=
05-04-00045	Metamisole 50% inj	Bott. 100 c.c	60 000 bott.	Treatment of fever in ruminants	=	=	=
05-04-00046	Erthromycin inj. Each 1 ml contains 200mg erythromycin as abase	Bott. 100 c.c	25 000 bott.	Treatment of diseases in ruminants	=	=	=

05-04-00047	Diminazine aceturate each 1 ml contains 1.05 gm diminazine aceturate >	Sachet 1 dose	5000 sachet	Treatment of babesiosis in ruminants	=	=	=
05-04-00048	Niclosamide powder	100 gm	50 000 pack	Treatment of internal parasites in ruminants	=	=	=
05-04-00049	Diuretic inj. For large animals	Vial 10 C.C.	5 000 C.C.	Increase urine excretion in some clinical conditions	=	=	=
05-04-00050	Eye ointment	Tube	30 000 tube	Treatment of eye infections in ruminants	=	=	=
05-04-00051	Wound spray each 1 ml contains: Oxytetracycline hydrochloride 40 mg Gention violet 4 mg	Bott. 200 C.C.	10 000 bott.	Treatment of wounds and foot route in ruminants	=	=	=
05-04-00052	Melarsomine 50 mg/vial	2ml	1000 vial		=	=	=
05-04-00053	Sterile powder contains :- Procaine benzyl penicillin 750 000 iu Sodium benzyl pencillin 250 000 iu Dihydrostreptomycin sulphate 1g /vial	Vial 1 gm	30 000 vial	Sterilizing powder for ruminant treatments	=	=	=
05-04-00054	Anticolic for horses contains: Light kaolin Paraffin oil Tr. Chlorodyne Aromatic ammonia	Bott. 1 lit.	1 000 bott.	Treatment of colic in horses	=	=	=
05-04-00055	Ointment for external use contains: <ul style="list-style-type: none"> • Camphor • Phenol • Menthol • Paraffin oil • Belladona 	200 gm pack	2 000 pack	Ointment used in horses for muscular treatment	=	=	=
05-04-00056	Oxytocine hormone	Bott 30 C. C.	10 000 bott.	Treatment of infertility in cattle	=	=	=
05-04-00057	FSH hormone	Vial 10 C.C.	20 000 vial	Treatment of infertility in cattle	=	=	=
05-04-00058	Gonadotrophic hormone	Vial 10 C.C.	20 000 v ial	Treatment of infertility in cattle	=	=	=

2nd- Veterinary Vaccines

No.	Description	Packing	Qty. in unit	Intended Use	Allocation Criteria	Field Application	Optimal delivery
05-04-00059	Inactivated vaccine in oil adjuvant against Infectious Bronchitis strain 52, Newcastle disease, and Egg-drop syndrome in poultry.	Bott. 500 ml	10 000 000 Dose	Poultry vaccination campaign in poultry farms and backyard flocks in 15 governorates	According to poultry farms in each governorate and backyard poultry concentration	All year round	As soon as possible
05-04-00060	Inactivated vaccine in oil adjuvant against Infectious Bronchitis strain 52, Newcastle disease (Gumboro disease) in poultry.	Vial 1000 5000 dose	10 000 000 Dose	=	=	=	=
05-04-00061	Live vaccine against Infectious Bronchitis (IB strain H52)	Vial 1000 dose	2 000 000 dose	=	=	=	=
05-04-00062	Live vaccine against Infectious Bronchitis (IB 120)	Vial 1000 dose	2 000 000 dose	=	=	=	=
05-04-00063	Foot and Mouth disease vaccine, purified vaccine with adjuvant. (Type: A22, O1 and Asia1).	Vial	2 500 000 cattle Dose	FMD disease vaccination campaign for cattle	According to cattle population and cases diagnostic in governorates	=	=
05-04-00064	Vaccine against Clostridial disease containing: - Cl. Perfringes type: A, B, C, and D. - Cl. Novyi type B. (Oedematous) and D. - Cl. Septicum.	Vial	6 000 000 Dose	Vaccination for sheep against clostridia and enterotoxaemia	According to sheep population in 15 governorates	=	=
05-04-00065	Vaccine against <i>Clostridium chauvoei</i>	Bott. 100 c.c.	1 000 000 dose	Vaccination for sheep against clostridia – (chauvoei)	According to sheep population in 15 governorates	=	=

05-04-00066	Inactivated vaccine against Infectious Bovine Rinhotrachitis (IBR).	Vial	30 000 Dose	Vaccination for cattle	According to cattle population in 15 governorates	=	=
05-04-00067	live vaccine against fowl Pox	Vial 1000 dose	10 000 000 dose	Vaccination campaign against fowl pox	According to poultry farms and backyard poultry concentration	=	=
05-04-00068	Frozen bivalent live vaccine against Marek's disease (Rispenes + HVT) in poultry.	Vial	4 000 000 Dose	Poultry vaccination campaign in parent poultry farms	According to poultry farms in the 15 governorates	=	=
05-04-00069	Pentadog vaccine contains: Canine distemper, Canine parvovirus, Canine hepatitis, Rabies virus and leptospira.	15 000 Dose	15 000 dose	Vaccination for dogs	According to existing pet dogs in 15 governorates	=	=
05-04-00070	Vaccine against Rotavirus and Corona virus & E. coli	Vial	30 000 dose	Vaccination for ruminants against diarrhea	According to existing population of animals in 15 governorates	=	=

C- Chemical & Biological materials

No.	Description	Qty	Qty. in unit	Intended Use	Allocation Criteria	Field Application	Optimal delivery
05-04-00071	Agar – agar	250 kg	For laboratory use in the central labs and governorates labs	According to number of labs and activity in each governorate	All year round		As soon as possible
05-04-00072	Beef extract	60 kg	=	=	=		=
05-04-00073	Ethanol AnalaR , 2.5 kg	150 Lit.	=	=	=		=
05-04-00074	Ethanol special for chromatography , 2.5 kg	10 Bottle	=	=	=		=
05-04-00075	Methanol AnalaR , 2.5 kg	150 Bottle	=	=	=		=
05-04-00076	Methanol special for chromatography , 2.5 kg	10 Bottle	=	=	=		=
05-04-00077	Ethanol AnalaR	150 x 2.5 lit					
05-04-00078	Ethanol special for chromatography	10 x 2.5 lit	=	=	=		=
05-04-00079	Acetone AnalaR , 2.5 kg	150 Bottle	=	=	=		=
05-04-00080	Acetone special for chromatography , 2,5 kg	10 Bottle	=	=	=		=
05-04-00081	Tryptic soy agar	200 kg	=	=	=		=
05-04-00082	Peptone	300 kg	=	=	=		=
05-04-00083	Glycerene	200 lit.	=	=	=		=
05-04-00084	Cooked meat medium, ½kg	40 pack	=	=	=		=
05-04-00085	Thioglycolate medium, ½kg	40 pack	=	=	=		=
05-04-00086	Crystal violet stain powder	20 x 100gm	=	=	=		=
05-04-00087	Rose bengal powder techincal dye (water & alcohol soluble)	50 x 100gm	=	=	=		=
05-04-00088	Ammonium oxalate AnalaR , 1 kg	20 pack	=	=	=		=
05-04-00089	Rivanol powder	10 x 250 gm	=	=	=		=
05-04-00090	Sodium iodate NaIO ₃ H ₂ O GPR	20 x ½ kg	=	=	=		=
05-04-00091	Ammonium aluminum sulfate NH ₄ Al(SO ₄) ₂ .12H ₂ O), 1 kg	10 pack	=	=	=		=
05-04-00092	Polymyxin B	10 x 100 gm	=	=	=		=
05-04-00093	Bacitracin	10 x 100 gm	=	=	=		=
05-04-00094	Actidion (Cyclohexamide)	20 x 100 gm	=	=	=		=
05-04-00095	Basic fuchsin, 25 gm	40 pack	=	=	=		=
05-04-00096	Malachite green powder, 100 gm	10 pack	=	=	=		=
05-04-00097	Brilliant green powder, 25 gm	20 pack	=	=	=		=
05-04-00098	Lactic acid 85%	100 lt.	=	=	=		=
05-04-00099	Thiophen-2 carboxylic acid hydrazid (TCH)	500 gm	=	=	=		=
05-04-00100	Lowenstib medium base (Difco 0444)	20 x ½ kg	=	=	=		=
05-04-00101	Middle brook's 7H-10 agar base	40 x ½ kg	=	=	=		=

05-04-00102	Middle brook's 7H-10 agar broth	40 x ½ kg	=	=	=	=
05-04-00103	Dubos broth base	20 x ½ kg	=	=	=	=
05-04-00104	Sauton medium	20 x ½ kg	=	=	=	=
05-04-00105	Ferric ammonium citrate, 250 gm	8 pack	=	=	=	=
05-04-00106	L- glutamic acid, 250 gm	8 pack	=	=	=	=
05-04-00107	L- asparagine, 100gm	20 pack	=	=	=	=
05-04-00108	Potassium sulfate	2 Kg	=	=	=	=
05-04-00109	Magnesium citrate	10 x 250 gm	=	=	=	=
05-04-00110	Magnesium sulphate MgCl ₂ AnalaR, 250 gm	10 pack	=	=	=	=
05-04-00111	Calcium chloride CaCl ₂ AnalaR	10 kg	=	=	=	=
05-04-00112	Sodium hydrogen carbonate NaHCO ₃ AnalaR, ½ kg	20 kg	=	=	=	=
05-04-00113	Xylol AnalaR	200 lt.	=	=	=	=
05-04-00114	Phosphoric acid, 2.5 kg	20 bottle	=	=	=	=
05-04-00115	Sulphuric acid AnalaR, 2.5 kg	20 bottle	=	=	=	=
05-04-00116	Polysorbate 80 (Tween 80)	4 x 250 gm	=	=	=	=
05-04-00117	Ferric chloride AnalaR	20 lt.	=	=	=	=
05-04-00118	Glacial acetic acid AnalaR	20 lt.	=	=	=	=
05-04-00119	Chloroform	20 lt.	=	=	=	=
05-04-00120	Phosphate tengetic acid	2 x 250 gm	=	=	=	=
05-04-00121	Nitric acid (HNO ₃ =61.01) AnalaR, 2.5 lt.	20 bottle	=	=	=	=
05-04-00122	Perchloric acid, 2.5 lt.	20 bottle	=	=	=	=
05-04-00123	Potosium dichromate	10 kg	=	=	=	=
05-04-00124	Anti-bovine IgG – HRP conugate	60 vials	=	=	=	=
05-04-00125	Anti-sheep IgG – HRP conugate	60 vials	=	=	=	=
05-04-00126	OPD	100 vials	=	=	=	=
05-04-00127	Hemolysin	100 vials	=	=	=	=
05-04-00128	Complement	100 vials	=	=	=	=
05-04-00129	Brucella phages	15 vials	=	=	=	=
05-04-00130	(ISAB) international serum antibrucella abortus (Standard)	20 vials	=	=	=	=
05-04-00131	Johin test set	25 set	=	=	=	=
05-04-00132	Brucelloslide test (Biomerieux)	50 vials	=	=	=	=
05-04-00133	Potassium Tellurite	14 x 250 gm	=	=	=	=
05-04-00134	PH standards (4, 7, 9)	75 unit	=	=	=	=
05-04-00135	Phenol (Pure), 25 kg	2 pack	=	=	=	=
05-04-00136	Disodium monohydrogen phosphate , 2HPO ₄ .7H ₂ O AnalaR, ½kg	10 pack	=	=	=	=
05-04-00137	Disodum monohydrogen phosphate Na ₂ HPO ₄ (Anhydrouse) AnalaR, 1 kg	5 pack	=	=	=	=

05-04-00138	Potassium dihydrogen phosphate KH ₂ PO ₄ AnalaR, 500gm	10 pack	=	=	=	=
05-04-00139	Sodium chloride NaCl AnalaR, 500 gm	10 pack	=	=	=	=
05-04-00140	Potassium chloride KCl AnalaR	5 kg	=	=	=	=
05-04-00141	Magnesium sulphate heptahydrate MgSO ₄ AnalaR	5 kg	=	=	=	=
05-04-00142	Sodium dihydrogen orthophosphate NaH ₂ PO ₄ .2H ₂ O GPR, 500 gm	10 pack	=	=	=	=
05-04-00143	Calcium chloride CaCl ₂ . 2H ₂ O technical use flakes	5 kg	=	=	=	=
05-04-00144	Disodium phosphate Na ₂ HPO ₄	20 x 250 gm	=	=	=	=
05-04-00145	Lactalbumine hydrolysate	40 x ½kg	=	=	=	=
05-04-00146	TCY estate (Difco)	10 x 500 gm	=	=	=	=
05-04-00147	Phenol red sodium salt	30 x 25 gm	=	=	=	=
05-04-00148	Trypsin (1:250) (Difco)	30 x 25 gm	=	=	=	=
05-04-00149	EDTA (versera), 250 gm	5 pack	=	=	=	=
05-04-00150	Mycostatin (mystatin) for cell culture	200 vials (500 000 IU)	=	=	=	=
05-04-00151	Trypan blue	30 x 25 gm	=	=	=	=
05-04-00152	Haemocytometer (Neubor)	25	=	=	=	=
05-04-00153	Dimethylsulphoxide (DMSO), ½lt.	5 bottle	=	=	=	=
05-04-00154	Haematoxylin, 25 gm	100 pack	=	=	=	=
05-04-00155	Eosin, 25 gm	100 pack	=	=	=	=
05-04-00156	Carbol fuchin powder (GURR) for microscopical staining	40 x 25 gm	=	=	=	=
05-04-00157	Carbol fuchin Ziehl-Neelsen (Strong) (GURR) for microscopical staining	40 x 100 ml	=	=	=	=
05-04-00158	Tween 20	2 x 250 gm	=	=	=	=
05-04-00159	Reference electrolyte for PH meter	25 vilas	=	=	=	=
05-04-00160	Antitoxin of <i>Cl. Perferengis</i> type (A, B, C, D & E)	5 vials	=	=	=	=
05-04-00161	Antitoxin of <i>Cl. Novyi</i> type (A &B).	5 vials	=	=	=	=
05-04-00162	Antitoxin of <i>Cl. Chuvoei</i>	5 vials	=	=	=	=
05-04-00163	Antitoxin of <i>Cl. Septicum</i>	5 vials	=	=	=	=
05-04-00164	Gas pack	500 sachets	=	=	=	=
05-04-00165	Fetal calf serum	20 x 500 ml	=	=	=	=
05-04-00166	Blood agar base	30 x 250 gm	=	=	=	=
05-04-00167	Macconkey agar	20 x 250 gm	=	=	=	=
05-04-00168	S. S. agar (Salmonella & Shigelle agar)	20 x 250 gm	=	=	=	=
05-04-00169	Tryptic soya broth	20 x 250 gm	=	=	=	=
05-04-00170	Brilliant green , 500gm	10 pack	=	=	=	=

05-04-00171	Sillinet broth, 500 gm	10 pack	=	=	=	=
05-04-00172	Triple sugar iron, 500 gm	10 pack	=	=	=	=
05-04-00173	Urease	30 x 250 gm	=	=	=	=
05-04-00174	Millur hinton agar	20 x 250 gm	=	=	=	=
05-04-00175	Meat broth	20 x 250 gm	=	=	=	=
05-04-00176	Staph 10	10 x 250 gm	=	=	=	=
05-04-00177	Manitol, 250 gm	20 pack	=	=	=	=
05-04-00178	Lactose, 250 gm	10 pack	=	=	=	=
05-04-00179	Salicine	10 x 250 gm	=	=	=	=
05-04-00180	D- glucose, 500gm	10 pack	=	=	=	=
05-04-00181	Sucrose	5 kg	=	=	=	=
05-04-00182	Modefied gram stain	30 x 25 gm	=	=	=	=
05-04-00183	MEM (manimum essential medium)	200 x 100 gm	=	=	=	=
05-04-00184	Agarose, 100gm	20 pack	=	=	=	=
05-04-00185	PPLO agar	40 x 100 gm	=	=	=	=
05-04-00186	PPLO broth	40 x 100 gm	=	=	=	=
05-04-00187	Mycoplasma agar base	40 x 100 gm	=	=	=	=
05-04-00188	Mycoplasma broth base	40 x 100 gm	=	=	=	=
05-04-00189	1-2 dioxan	2 lt.	=	=	=	=
05-04-00190	Phenolphthalen, 100 gm	1 pack	=	=	=	=
05-04-00191	1- naphthalenzein	100 gm	=	=	=	=
05-04-00192	Oracet blue, 5 gm	20 pack	=	=	=	=
05-04-00193	2,4 – dichlorophenol indophenol	100 gm	=	=	=	=
05-04-00194	Mercuric acetate, 100 gm	10 pack	=	=	=	=
05-04-00195	Potassium iodate, 250 gm	20 pack	=	=	=	=
05-04-00196	Potassium bro mide, 250 gm	20 pack	=	=	=	=
05-04-00197	Trisodium orthophosphate	5 kg	=	=	=	=
05-04-00198	Sodium silicotungstate, 500 gm	10 pack	=	=	=	=

D- Diagnostic Kits

No.	Description	Packing & Quantity	Intended Use	Allocation Criteria	Field Application	Optimal delivery
05-04-00199	Elisa kit for Brucellosis	10 unit	To be used in survailing and diagnostic campaigns for animal diseases by the central and governorates laboratories	According to animal and poultry population in each of the 15 governorates	All year round	As soon as possible
05-04-00200	Elisa kit for Tuberculosis	5 kit = 5000 sera /kit	=	=	=	=

05-04-00201	Elisa kit for EHD (Epizootic Hemorrhagic disease of deer).	5 kit = 1000 sera /kit	=	=	=	=
05-04-00202	Elisa kit for Gumboro	10 unit	=	=	=	=
05-04-00203	Elisa kit for IB	10 kit = 5000 sera /kit	=	=	=	=
05-04-00204	Elisa kit for RP	5 kit = 5000 sera /kit	=	=	=	=
05-04-00205	Elisa kit for IBR	10 unit	=	=	=	=
05-04-00206	Elisa kit for Mark's disease	5 kit = 1000 sera /kit	=	=	=	=
05-04-00207	Elisa kit for FMD (A, O, Asia).	10 kit = 5000 sera /kit	=	=	=	=
05-04-00208	Elisa kit for PPR	5 kit = 5000 sera /kit	=	=	=	=
05-04-00209	Elisa kit for avian influenza	2 kit = 1000 sera /kit	=	=	=	=
05-04-00210	Elisa kit for Newcastle disease	10 kit = 5000 sera /kit	=	=	=	=
05-04-00211	Elisa kit for infectious laryngotracheitis.	10 kit = 5000 sera /kit	=	=	=	=
05-04-00212	Elisa kit for avian encephalomyelitis.	5 unit	=	=	=	=
05-04-00213	Elisa kit for <i>Mycoplasma gallisepticum</i> & <i>synovi</i> .	10 unit	=	=	=	=
05-04-00214	Elisa kit for bovine leukemia	10 unit	=	=	=	=
05-04-00215	Elisa kit for malignant catarrhal fever	5 kit = 1000 sera /kit	=	=	=	=
05-04-00216	Elisa kit for rotavirus & coronavirus	5 kit = 1000 sera /kit	=	=	=	=
05-04-00217	Elisa kit for mucosal disease & viral diarrhea.	5 kit = 1000 sera /kit	=	=	=	=
05-04-00218	Elisa kit for Blue tongue	5 kit = 1000 sera /kit	=	=	=	=
05-04-00219	Elisa kit for Congo – Crimean fever (Haemorrhagic fever)	10 kit = 5000 sera /kit	=	=	=	=
05-04-00220	Elisa kit for coli bacillosis.	5 kit = 1000 sera /kit	=	=	=	=

E- Equipments & Instruments

No.	Description	Qty. in unit	Intended Use	Allocation Criteria	Field Application	Optimal delivery
05-04-00221	Air condition (window type) 2 –2.5 T. Ref.	400	For veterinary centers and stores in 15 governorates	According to number of veterinary centers and stores in 15 governorates	All year round	As soon as possible
05-04-00222	Compressor (R22) 2 T. Ref.	100	For rehabilitation of air conditions in vet. centers	Number of sets need to be rehabilitated	All year round	As soon as possible
05-04-00223	Compressor (R12) 1/3 H. P.	50	Maintenance of refrigerators in the vet. centers	According to the number of existing sets in the 15 governorates to be repaired	=	=
05-04-00224	Compressor (R12) 1/5 H. P.	50	Maintenance of freezers in the vet. centers	=	=	=
05-04-00225	Compressor (R12, R22, R502) 7.5 H. P.	15	Maintenance of existing cold rooms in governorates	=	=	=
05-04-00226	Compressor (R12, R22, R502) 10 H. P.	10	Maintenance of existing cold rooms in governorates	=	=	=
05-04-00227	Deep freezer (-20) °C	20	Veterinary labs and hospitals in governorates	According to the number of existing veterinary hospital in the 15 governorates	=	=

05-04-00228	Ultra deep freezer (-70 to -90 °C)	8	For storage in the main labs and hospitals	According to lab and hospital in need for this freezers	=	=
05-04-00229	Air cooled condensing unit 10 T. Ref	10	Storage for vaccine and thermosensitive in vet , labs , stores and hospital	According to number of veterinary stores and hospitals in governorates	=	=
05-04-00230	Evaporator unit for (cooled room's) 7.5 T	15	=	=	=	=
05-04-00231	Evaporater unit for (cooled room's) 10 T	10	=	=	=	=
05-04-00232	cubic)) Ice makers	211	For ice production needed in vaccination campaign in the veterinary center	According to the existing 211 veterinary centers in the 15 governorates	=	=
05-04-00233	Ice makers (crush)	15	For ice production in the central labs and some of the veterinary hospitals in the governorates	According to the number of existing labs and hospitals	=	=
05-04-00234	Refrigerator (1300-1500 cubic feet) with 15% spare parts	15	For storage of vaccine and sensitive drugs in the central hospital in the 15 governorates	According to the number of existing hospital in the 15 governorates	=	=
05-04-00235	Veterinary Stethoscope	2 000	For use by veterinary doctors in the 15 governorates	According to existing number of vet staff in the 15 governorates	=	=
05-04-00236	Veterinary Thermometer	5 000	=	=	=	=

05-04-00237	Drenching syringe graduated from 5-30 ml with connecting tube with spare part 15%.	3 000 pc.	To drench animals for endo parasite treatment	Animal population / number of veterinary facilities	=	=
05-04-00238	Microscope with video camera (complete set).	1	For the central lab in Baghdad	/	=	=
05-04-00239	Fluorescent microscope	5	For the main labs in governorates	/	=	=
05-04-00240	Carcass brander	200	For stamping inspected meat	According to number of slaughter houses	=	=
05-04-00241	Automatic syringe 30 ml for vaccination (stainless steal) with spare part 15%.	2000	For vaccination campaign	According to number of veterinary centers in the 15 governorates	=	=
05-04-00242	Automatic syringe for sheep pox vaccination 2ml (graduation 0.1) (stainless steal) with spare part 15%.	2000	=	=	=	=
05-04-00243	Needle holder for surgery medium size	500	In animal surgical operations	=	=	=
05-04-00244	Glass syringe record size 10 , 20 & 50 ml with spare part 15%.	750 syringe for each type	Sub-coetaneous intramuscular injections	=	=	=
05-04-00245	Venoject tube : <ul style="list-style-type: none"> • 10 ml plain • 10 ml EDTA • 5 ml heparin 	10 000 100 000 10 000	For the collection of animal blood samples	=	=	=
05-04-00246	Venoject needle for above	120 000	=	=	=	=
05-04-00247	Venoject holder 5 x 10 ml	500	=	=	=	=
05-04-00248	Serum protein refractometer	5	For laboratory use in the central and governorates labs	According to the requirements of each lab	=	=
05-04-00249	Kit for calcium examination in whole blood.	1000 test	=	=	=	=
05-04-00250	Neo-sense Tabs for antimicrobial sensitivity test	5	=	=	=	=
05-04-00251	Anti- A hyperimmune sera	10 vial	=	=	=	=
05-04-00252	Anti- M hyperimmune sera	10 vial	=	=	=	=

05-04-00253	McLintock intradermal syringe	100 syringe	=	=	=	=
05-04-00254	Mortarts (Tap Dia 200, Height 200)	10	=	=	=	=
05-04-00255	Scoops + Spoons + Spatulas	20 for each	=	=	=	=
05-04-00256	Caliper 0 – 120 mm	10	=	=	=	=
05-04-00257	Flask volumetric (glass narrow neck with plastic flat head stopper) (50, 100, 250, 500, & 1000) ml.	20 for each	=	=	=	=
05-04-00258	Spectrophotometer PH indicator paper 5.5-9	20	=	=	=	=
05-04-00259	Haematological cell counter	10 units	=	=	=	=
05-04-00260	Fogging machine	20 units	=	=	=	=
05-04-00261	Ultrasound Bimode 7. MHZ portable electric & battery & probe for small & large & gel for external use .	4 system	=	=	=	=
05-04-00262	Ultrasonic bath for cleaning pipettes	20	=	=	=	=
05-04-00263	Vertical laminar flow benches for handling cell and tissue cultures	8	=	=	=	=
05-04-00264	Plates (Nunc maxisorb) 40/sera/plate	1000 plate	=	=	=	=
05-04-00265	ICE	3 unit	=	=	=	=
05-04-00266	Tips white , Blue Yellow	150 000 150 000 300 000	=	=	=	=
05-04-00267	Brown bottle (plastic)	30	=	=	=	=
05-04-00268	Microfuge tubes (1.5 ml)	300 000	=	=	=	=
05-04-00269	Boxes for microfuge tubes	3000 boxes	=	=	=	=
05-04-00270	Multiskan reader	3	=	=	=	=
05-04-00271	Automatic washer	3	=	=	=	=
05-04-00272	Carriage and shaker : Carriage Shaker (part of Elisa)	12 5	=	=	=	=
05-04-00273	Printer	3	=	=	=	=
05-04-00274	Computer	3	=	=	=	=
05-04-00275	Set of pipets , multichannel pipette for 12 tips	12	=	=	=	=
05-04-00276	Bidistilled water supply machine	8	=	=	=	=

F-Glasswares

No.	Description	Qty. in unit	Intended Use	Allocation Criteria	Field Application	Optimal delivery
05-04-00277	Microplates (for cell culture) (Nunc) 96F well , 24F well with fitting covers and adhesive	40 x 50 boxes of 96 well plates 20 x 50 boxes of 24 plates	For the central and district labs in the 15 governorates	According to existing numbers of labs in the 15 governorates	=	=
05-04-00278	Cell culture flask, roux with cylindrical neck, excentic	1000	=	=	=	=
05-04-00279	Rubber stoppers for above (non toxic)	3000	=	=	=	=
05-04-00280	Beakers capacity 50 , 100, 250 ,500 , 1000 ml	1000 each size	=	=	=	=
05-04-00281	Bijout bottles 5, 10 ml with screw cap	10 000 each size	=	=	=	=
05-04-00282	Universal bottles 20 ml with screw cap	10 000	=	=	=	=
05-04-00283	Measuring cylinders (pyrex) 50, 100, 250, 500, 1000 & 2000 ml	1000 each size	=	=	=	=
05-04-00284	Test tubes with screw caps (pyrex)	5000	=	=	=	=
05-04-00285	Lighton tubes with screw caps (Pyrex)	2000	=	=	=	=
05-04-00286	Serological pipettes (pyrex) size 1, 2, 5, 10 & 20 ml	3000 each size	=	=	=	=
05-04-00287	Pipette countainer stainless steal (Rounded)	200	=	=	=	=
05-04-00288	Duran – screw – cap laboratory bottles size 100 , 250, 500 & 1000 ml	5000 each size	=	=	=	=
05-04-00289	Pyrex filtering flasks, heavy wall, with tubulation the neck finish provide an excellent fit for rubber stoppers size 1000 ml	500	=	=	=	=
05-04-00290	Pyrex flasks flat bottom, with medium neck cap. 10 & 20 lit.	1000 each size	=	=	=	=
05-04-00291	Trpsinising flasks, graduated, with screw cap on neck and a constriction below the sidearm size 100, 250, 500 ml	500 each size	=	=	=	=
05-04-00292	Deionnization system for the production of ultra pure water needed for cell culture media with accessories	10	=	=	=	=
05-04-00293	Centrifuge tubes, graduated, with screw cap, conical bottom made from thick-walled borosilicate glass cap 15 ml & 40 ml .	1000 each size	=	=	=	=
05-04-00294			=	=	=	=

05-04-00295	Colony counters	100	=	=	=	=
05-04-00296	Anaerobic jars	10	=	=	=	=
05-04-00297	Burners (gas)	100	=	=	=	=
05-04-00298	Clamps, stands, supports	100 for each	=	=	=	=
05-04-00299	Tripodo	50	=	=	=	=
05-04-00300	Test tube supports (Rock)	100	=	=	=	=
05-04-00301	Aspirator bottles (glass)	100	=	=	=	=
05-04-00302	Washing bottles polyethylene rond with long tube	500	=	=	=	=
05-04-00303	Funnels top diameter mm 50, 100, 200, 1000,	1000 for each	=	=	=	=
05-04-00304	Tubing clamps jaw opening 0-50, 0-60 & 0-70	100 for each	=	=	=	=
05-04-00305	Microtiter pipetting system volume 5, 20, 100, 200 & 1000 µl	25 for each	=	=	=	=
05-04-00306	Beakers, tall or low form , made of borosilicate glass , with graduation and spout size 50, 100, 250 , 500 & 1000.	1000 each size	=	=	=	=
05-04-00307	Beakers , tall or low made from borosilicate glass, with graduation , without spout size 100, 250, 500 & 1000 ml .	1000 each size	=	=	=	=
05-04-00308	Erlenmyer screw cap flask supplied with caps, flaskes have scales to indicate volumes . size 250 & 500 ml	2 000 each size	=	=	=	=
05-04-00309	Falcone- tissue culture flask . 25 cm ² , culturing serface canted neck With black phenolic screw cap	3000	=	=	=	=
05-04-00310	Falcone- tissue culture flask . 75 cm ² , culturing serface canted neck With black phenolic screw cap	5000	=	=	=	=
05-04-00311	Falcone- tissue culture flask . 150 cm ² , culturing serface canted neck With black phenolic screw cap	15000	=	=	=	=

G- Transportation

No.	Description	Qty. in unit	Intended Use	Allocation Criteria	Field Application	Optimal delivery
05-04-00312	Fork lift capacity (1 T.)	16	For use in the central and district stores in the 15 governorates	According to number of existing stores in the 15 governorates	All year round	As soon as possible
05-04-00313	Fork lift capacity (2-3 T.)	5	=	=	=	=
05-04-00314	Bus cars 22-24 seats	5	For staff transportation	According to the staff number of the main veterinary labs and hospitals	=	=
05-04-00315	Minibus cars 14-18 seats	2	=	=	=	=
05-04-00316	Water tanker truck (10000-15000) lit. capacity.	15	For water distribution during the dipping campaign	According to the numbers of hospitals in the 15 governorates	=	=
05-04-00317	Truck 3 T. capacity.	16	For drugs transportation from the ware houses to the veterinary centers in the 15 governorates	According to the number of hospitals in the 15 governorates	=	=
05-04-00318	25-30 T. pay load truck with trailer	2	For drugs transportation from the central ware houses to the 15 governorates	To be located in the central ware houses in Baghdad	=	=
05-04-00319	Cooled truck for transportation of vaccines (10-15)T.	3	For vaccine transportation from the central ware houses to the 15	=	=	=
05-04-00320	Mobile veterinary clinic.	32	For field vaccination and traetment campaign in the 15 governorates	According to the number of existing veterinary hospitals in the 15 governorates	=	=
05-04-00321	Mobile Dip. with trailer	22	For field dipping campaign in the 15 governorates	=	=	=
05-04-00322	Vehicles for surveillance (Double cabin)	25	Crew car for transporting surveillance team in the 15 governorates	=	=	=

05-04-00323	Vehicles for field work (Double axle)	25	For transportation of veterinary teams during vaccination campaign in difficult roads in the 15 governorates	=	=	=
05-04-00324	Motor cycle (Scooter)	130	For transportation of the artificial insemination staff in the 15 governorates	According to the numbers of the AI centers in the 15 governorates	=	=

H - Rehabilitation for fish hatchery plant and fisheries input requirements :

05-04-00325	Thermostat	Thermostat mixing valve	15	To rehabilitate the main fish hatchery in WASIT	February	January
05-04-00326	Water pump	Heating circulating pump	4	To rehabilitate the main fish hatchery in WASIT	February	January
05-04-00327	Nozzle	Nozzle for burner	12	To rehabilitate the main fish hatchery in WASIT	February	January
05-04-00328	Anaesthetic	Fish anaesthetic brand (MS222)	10 Ltr.	To be used in the main fish hatchery in WASIT for propagation	February	January
05-04-00329	Flibe E	For disinfecting fish ponds before fish finger released	750 Ltr.	To be used in the main fish hatchery in WASIT for propagation	February	January
05-04-00330	Plankton net	For fish finger growing in ponds	50 net	To be used in the main fish hatchery in WASIT for propagation	February	January
05-04-00331	Rubber suites	Rubber overall suites with boots size M & L	100	To be used in the main fish hatchery in WASIT for propagation	February	January
05-04-00332	Fishing nets	Different sizes for sea & fresh water fisherman	25000 pcs	To be distributed to the fisherman in 15 governorates	All year round	January
05-04-00333	Fishing net less	Suitable For fish ponds operations	1000	To be used by fish ponds owners and fish hatchery owners	All year round	January
05-04-00334	Pituitary gland extract from carp fish	Natural carp Pituitary gland hormone	50 gm	To be used for the main hatchery in WASIT and private HATCH owners	Feb. – May	January
05-04-00335	Robes 8 – 10 mm diameter	Robes for fishing nets (sea and fresh water)	2 Ton	To be distributed to fishermen in the 15 governorates	All year round	January
05-04-00336	Common carp males and females	Age 2-5 years live wt 4-5 kg	400	To be used in the main fish hatchery in WASIT for propagation	Feb. – may	January
05-04-00337	Silver carp males and females	Age 4 – 6 years live wt 4 – 6 kg	350	To be used in the main fish hatchery in WASIT for propagation	Feb. – may	January

05-04-00338	Grass carp males and females	4 – 6 years old , length 51-67 cm	400	To be used in the main fish hatchery in WASIT for propagation	Feb. – may	January
05-04-00339	Big head carp males and females	3 – 5 years old , 3 – 5 kg	150	To be used in the main fish hatchery in WASIT for propagation	Feb. – may	January
05-04-00340	Grohe thermostat	Water mixing valve	25	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00341	Small Zuger (glass)	Volume 10 letter each	50 Pcs	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00342	Large Zuger (fiber glass)	Volume of 52 letters each	15 Pcs	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00343	X large Zuger (fiber glass)	Volume of 150 letters each	12 Pcs	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00344	Mixing Valve	Samsow DN 80	2 Pcs	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00345	Industrial small relay	RN 306220 220 V , 5 A/ 250 V	12 Pcs	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00346	Current Relay 36 – 5954 – 3	RA 70 , 220 V AC TGL 34662	4	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00347	Motor protective switch (complete) 36-118701 conductor 36-110101	DTO DILO – 52	3	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00348	Time relay 36-27480	GIM 360 220 V	5	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00349	Conductor 36-134101	DIL2- 220D Voltage Control 220 V	4	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00350	Time relay 35-71-480	XVM -7 –4 –40 SEC Voltage control 380 V	4	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00351	Fus-link 33-1433	DO 11 4A	40	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January

05-04-00352	Fus-link 33-1435	DO 11 6A	50	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00353	Fus-link 33-1437	DO 11 10A	60	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00354	Fus-link 33-1439	DO 11 16A	50	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00355	Fus-link 33-26020	NOLGD – 0-16A	50	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00356	Fus-link 33-1443	DO 11 25 A	50	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00357	Fus-link 33-2804	VNO – 001GL 25 A	30	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00358	Fus-link 33-2818	VNO – 01GL 25 A	40	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00359	Fus-link 33-1451	DO 111 35 A	45	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00360	Fus-link 33-1453	DO 111 50 A	50	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00361	Fus-link 33-2821	VNO-01GD 63 A	50	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00362	Fus-link 33-1455	DO 111 63 A	50	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00363	Fus-link 33-2823	VNO – 01GL 100 A	50	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00364	Fus-link 33-2804	VNO – 001 GL 25 A	40	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00365	Fus-link 33-2820	VNO – 01GL 50 A	45	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00366	Fus-link 33-2839	VNO – 11 GL 100 A	50	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00367	Fus-link	NOLGD –1 200 A	12	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January
05-04-00368	Suclion height (nominal power)	VN = 0 – 160 m ³ /h YN = 372 – OJ / kg HN = 380 – OM PSN = 715 KW U = 380 V F = 50 Hz	4	To rehabilitate the main fish hatchery in Wasit	Feb. – May	January

I - Rehabilitation of dairy cattle sector and the main center for Artificial insemination and centers for AI services :

05-04-00369	Pregnant Heifers	With 4-6 month pregnancy	10000	To be distributed to dairy farmers and dairy station in the 15 governorates	All year round	Jan. – April
05-04-00370	Holstein sires	14 – 18 month of age and 400 – 500 kg selected from progeny tested bulls	15 – 20	To replace the old herd serving at the IA center	All year round	Jan. – April
05-04-00371	Digital Photometer	For semen evaluation with accessories	1	To be used in the main IA center	All year round	Jan. – April
05-04-00372	Spare parts for filling and sealing frozen semen straws	Automatic machine MPS3	Round	To be used to rehabilitate the existing machine in IA center	All year round	Jan. – April
05-04-00373	Strew filling and printing machine	Used fir integrated system computer controlled strew filling and printing machine	1	To be used in the main IA center	All year round	Jan. – April
05-04-00374	Liquid nitrogen containers	Capacity 37 Ltr.	50	To be used by IA services in governorates	All year round	Jan. – April
05-04-00375	Liquid nitrogen containers	Capacity 7 Ltr.	100	To be used by IA services in governorates	All year round	Jan. – April
05-04-00376	Universal syringe	0.25 ml	150	To be used by IA services in governorates	All year round	Jan. – April
05-04-00377	Protecting jacket for AI gun		100	To be used by IA services in governorates	All year round	Jan. – April
05-04-00378	Universal sheet	0.25 ml	200000	To be used by IA services in governorates	All year round	Jan. – April
05-04-00379	Five finger plastic gloves	Each box contains 100 gloves	4,500 box*	To be used by IA services in governorates	All year round	Jan. – April
05-04-00380	Standard goblets	For strew storage	500	To be used by IA services in governorates	All year round	Jan. – April
05-04-00381	Prozolvin (hormone)	10 cc vial	2000 vial	To be used by IA services in governorates	All year round	Jan. – April

* amended 1 September 2000

05-04-00382	Chorolion (hormone)	Five x five package	1000 pack.	To be used by IA services in governorates	All year round	Jan. – April
05-04-00383	Fertagel (hormone)	10 cc vial	2000 vial	To be used by IA services in governorates	All year round	Jan. – April
05-04-00384	Progesterone (hormone)	10 cc vial	1000 vial	To be used by IA services in governorates	All year round	Jan. – April
05-04-00385	Estradiol (hormone)	10 cc vial	1000 vial	To be used by IA services in governorates	All year round	Jan. – April
05-04-00386	Folligon	Vial (1500 IU)	1000 vial	=	=	=
05-04-00387	Oxytocin	Vial (10 CC)	1000 vial	=	=	=
05-04-00388	Metroget	Syringe	20000 syringe	=	=	=
05-04-00389	Complete dummy cow with spare parts	For semen collection from sires	3	To rehabilitate the A.I. center in Baghdad	All year round	January – May
05-04-00390	Semen collection (artificial vagina) equipment with 50 % spare parts	=	25	=	=	=
05-04-00391	Electro-ejaculator for bull	=	2	=	=	=
05-04-00392	Cold cabinet adjustable floor height	Used for semen production in the main lab in AI center	2	=	=	=
05-04-00393	Automatic computerised device for semen freezing	=	2	=	=	=
05-04-00394	Water bath for semen and extender	=	1	=	=	=

05-04-00395	Dry water bath with interchangeable stand	=	1	=	=	=
05-04-00396	Standard goblets for straws storage	Different size	15000 goblet	=	=	=
05-04-00397	Universal sheath	0.25 CC	500000	=	=	=
05-04-00398	Five finger plastic gloves	Each box contains 100 gloves	2000 box	=	=	=
05-04-00399	Protecting jacket for al sheath	-----	200	=	=	=

J - Spare parts for milking machine and breeders requirements :

05-04-00400	Pulsation generator	For ALFA - LAFAL and gas goin milking machines	40	To be distributed for maintenance and use in dairy stations in the country	All year round	Jan. May
05-04-00401	Electric pulsator	For ALFA - LAFAL and gas goin milking machines	160	To be distributed for maintenance and use in dairy stations in the country	All year round	Jan. May
05-04-00402	Sanitary trap	For ALFA - LAFAL and gas goin milking machines	40	To be distributed for maintenance and use in dairy stations in the country	All year round	Jan. May
05-04-00403	Lubricator	For ALFA - LAFAL and gas goin milking machines	80	To be distributed for maintenance and use in dairy stations in the country	All year round	Jan. May
05-04-00404	Vacuums pump	For ALFA - LAFAL and gas goin milking machines	80	To be distributed for maintenance and use in dairy stations in the country	All year round	Jan. May
05-04-00405	Electric motor 2.2 kw	For ALFA - LAFAL and gas goin milking machines	80	To be distributed for maintenance and use in dairy stations in the country	All year round	Jan. May
05-04-00406	Teat cup liner	For ALFA - LAFAL and gas goin milking machines	2500	To be distributed for maintenance and use in dairy stations in the country	All year round	Jan. May
05-04-00407	Wash cup set of 4	For ALFA - LAFAL and gas goin milking machines	2500	To be distributed for maintenance and use in dairy stations in the country	All year round	Jan. May
05-04-00408	Roll clip for 22.3	For ALFA - LAFAL and gas goin milking machines	600	To be distributed for maintenance and use in dairy stations in the country	All year round	Jan. May
05-04-00409	Single air section	For ALFA - LAFAL and gas goin milking machines	600	To be distributed for maintenance and use in dairy stations in the country	All year round	Jan. May
05-04-00410	Elbow forth glass jar	For ALFA - LAFAL and gas goin milking machines	600	To be distributed for maintenance and use in dairy stations in the country	All year round	Jan. May
05-04-00411	FMD milk pump	For ALFA - LAFAL and gas goin milking machines	40	To be distributed for maintenance and use in dairy stations in the country	All year round	Jan. June
05-04-00412	Portable milking machine	For small breeders	100	To be distributed to the small breeders in governorates	All year round	Jan. June
05-04-00413	Milk container	Capacity 50 kg	10000	To be distributed to the small breeders in governorates	All year round	Jan. June
05-04-00414	barley for animal feedstock		997,500 ³ MT			

* amended 24 March 2000

³ amended 27 June 2000

05-04-00415		Hydopericardium Hepatitis Syndrom	100 million dose
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** amended 6 June 2000