

ENHANCING DOMESTIC ANIMAL PRODUCTION

Sub sector: Animal disease control and animal production

Sector: Agriculture

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

A- Veterinary Pharmaceuticals

Code	Item Description and its complementary items (if applicable)	Packing	Qty. in unit	Intended Use	Allocation Criteria	Field Application	Optimal delivery time
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	200 000 kg Vit. + Amino Asset 300 000 Kg of Minorals	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	60 000 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	60	=	=
05-04-00004	Spiramycin hydrochloride 20% W.S.P. (Spiramycin as a base 20%).	1/2 kg	50 000 kg	Treatment of poultry diseases	=	=	=
05-04-00005	Oxytetracycline LA 20%	Bott. 100c.c.	100 000 bott.	Treatment of animal diseases.	=	=	=
05-04-00006	Amoxycillin trihydrate W.S.P. each 1 gm contains 200 mg 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	=	=	=
05-04-00008	Doxycyclin 20% as a base W.S.P.	1/2 kg	20 000 kg	Treatment of poultry diseases	=	=	=
05-04-00009	Product for treatment of phosphorus deficiency	Doses	5000 dose	Treatment of phosphorus deficiency	=	=	=
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	150 000 pack	Treatment of poultry diseases	=	=	=
05-04-00011	Vit. C 25% and Acetyl Salicylic acid 25% W.S.P.	1 kg	50 000 kg	To supplement Poultry feeding	=	=	=
05-04-00012	Coccidiostat feed additive (Salionmycine)	5 kg	50 000 kg	For coccidia treatment in poultry	=	=	=
05-04-00013	Feed additive (premixes) contains:Vitamins, minerals & amino acids as combination	10 kg	150 000 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	25 000 kg	To supplement poultry feeding system to promote egg production and fertility	=	=	=

05-04-00015	A) Amprolium hydrochloride 60% W.S.P.each 1 kg contains:600 gm Amprolium pure B) Sulphadimidine sodium 300 gm/kg with diaveridine 25 gm/kg C) Toltrazuril (liquid) 2.5gm/100ml D) Sulphaquinoxaline Sodium	1 kg , 1 Lite, 25 Kg pack	A) 100 000 Kg B) 60 000 kg C) 60 000 Lit. D) 3000 Kg	Treatment of coccidiosis in poultry	=		
05-04-00016	Oxytetracycline 25% W.S.P.	1 kg	25 000 kg	Treatment of bacterial infection 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	100 000 kg			=	=
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	25 000 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	A) Ivermectin 1% inj. B) Abamactin 1% inj.	Bott. 50 C.C.	A) 500 000 bott. B) 100 000 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 , 10 Kg	40 000 + 30000	Treatment of vitamin deficiency in ruminants			
05-04-00026	Rodent poison	Pack 25 gm	30 000 kg	Control of rodent	=		
05-04-00027	Ointment for topical application contains :Camphor, menthol, boric acid, salicylic acid, zinc oxide, methyl salicylate, turpentine oil	Pack 100 gm	10 000 pack	Treatment of ey infection in ruminants			
05-04-00028	Calcium borogluconate 20-30%	Bott. 250 C.C.	4000 Bott	Treatment of digestion disorder in ruminants	=		
05-04-00029	A) Flumequine 10% W.S.P. B) Flumequine 10% liquid	1/2 Kg Bott. 100 C.C.	60 000 Kg 100 000 Bott.	Treatment of diseases in poultry	=		
05-04-00030	Gentamycin 10% W.S.P.	1/2 Kg	50 000 Kg	Treatment of diseases in poultry	=		
05-04-00031	Colistin sulphate W.S.P.	1/2 Kg	50 000 Kg	Treatment of diseases in poultry	=		
05-04-00032	Levamisole hydrochloride 1.5-3% and oxcyclozanide 3-6% (suspension)	1 lit	150 000 lit	Treatment of liver fluke in ruminants	=		
05-04-00033	A) Oxfendazole 2.265% (suspension) B) Al-bendazole 2.5% (suspension)	1 lit	A) 150 000 lit B) 150 000 lit	Treatment of liver fluke in ruminants	=		
05-04-00034	A) Rafoxinide 3% B) triclabendazol (suspension) 5%	1 lit	A) 150 000 lit B) 150 000 lit	Treatment of liver fluke in ruminants	=		
05-04-00035	A0 Cypermethrin (Hi-cis)10% liquid B) Daltamethrine 5% liquid (An emulsifiable con: Cypermethrine stability 2 years minimum under normal condition and tightly sealed and pack in Aluminum container sealed.	Gallon 5 lit	A) 60 000 gallon B) 60 000 gallon	Fly control	=		
05-04-00036	Trimetheprim and sulphamethoxine inj. Each 1ml contains Trimetheprim 40 mg Sulphamethoxine 200 mg	Bott. 100 c.c.	15 000	Treatment of diseases in ruminants	=		
05-04-00037	Tylosin 20% inj.	Bott. 100 c.c.	15 000	Treatment of diseases in ruminants	=		

05-04-00038	Anti-inflammatory agent (steroid inj. Sol.	Bott. 50 c.c	10 000 bott.	Treatment of diseases in ruminants	=		
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	A) Treatment for mastitis (ointment) each tube containing one antibiotic or as combination with other antibiotics. B) Dry cow treatment.	A) 5 , 10 Gm 4 tub pack B) 10 cc tub pack of four	A) 100 000 , 100000 pack each B) 40 000 pck	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	20 000 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	A) Intrauterine foam B) Intrauterine passaries	Spray cans Passeries	100 000 200 000	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.	5000 vil	Increase urine excretion in some clinical conditions	=		
05-04-00050	Erythromycin 20% W.S.P.	1 Kg	60 000 Kg	Treatment of bacterial infections in poultry	=		
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	A) Quinapyramine B) Suramin	Sachet 1 dose	5000 sachet	Treatment of Surra disease	=		
05-04-00053	Prostoglandine F ₂	Vial 10 Mil	5 000 vial	Sterilizing powder for ruminant treatments	=		
05-04-00054	Anticolic for horses contains:Light kaolin,Paraffin oil,Tr. Chlorodyne,Aromatic ammonia	Bott. 1 lit.	1000 bott	treatment of colic horses	=		
05-04-00055	Ointment for external use contains:Camphor, Phenol,Menthol,Paraffin oil,Belladona	200 gm pack	4000 pack	ointment used in horses for muscular tretment	=		
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 vial	treatment of infertility in cattle	=		

B- Veterinary Vaccines

Code	Item Description and its complementary items (if applicable)	Packing	Qty. in unit	Intended Use	Allocation Criteria	Field Application	Optimal delivery time
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05-04-00059	A. Inactivated vaccine in oil adjuvant against Infectious Bronchitis strain 52, Newcastle disease, and Egg-drop syndrome in poultry. B) Live attenuated vaccine against Newcastle disease (Lasota)	A) Bott. 500 ml B) Vial 1000 dose	A) 10 000 000 dose B) 500 000 000 dose	poultry vaccination	According to poultry farms in each governorate and backyard poultry concentration	All year round	As soon as possible
05-04-00060	A.Live vaccine against Gumboro disease in [poultry (intermediate AND/OR intermediate plus), B. Live attenuated vaccine against Newcastle disease (Lasota).C. Live attenuated vaccine against Newcastle disease (B1) Hitchner	A) vial of 1000 dose B) vial of 1000 dose C) vial of 1000 dose	A)200 000000dose B)200 000000dose C)500 000000 dose	poultry vaccination	=	=	=
05-04-00061	Live vaccine against Infectious Bronchitis (IB strain H52)	vial 1000 dose	2 000 000 dose	poultry vaccination	According to poultry farms in each governorate and backyard poultry concentration	=	=
05-04-00062	Live vaccine against Infectious Bronchitis (IB 120)	vial 1000 dose	2 000 000 dose	poultry vaccination	=	=	=
05-04-00063	A) Foot and Mouth disease vaccine, purified vaccine with adjuvant. (Type: A22, O1 and Asia1).B) Foot and Mouth disease vaccine, purified vaccine with adjuvant (Type: O1).	Vial	A) 2 500 000 Cuttle dose B) 15 000 000 Sheep dose	FMD , vaccination	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	10 000 000 Dose	viaination of sheep	According to sheep population in 15 governorates	=	=
05-04-00065	Live attenuated vaccine against PPR (Certified)	Vial	3 000 000 dose	viaination of sheep	According to sheep population in 15 governorates	=	=
05-04-00066	Inactivated vaccine against Infectious Bovine Rinhotrachitis (IBR).	Vial	30 000 dose	viaination of cattel	According to cattle population in 15 governorates	=	=
05-04-00067	A) live vaccine against fowl Pox, B)Vaccine against Hydropericardium Hepatitis Syndrome (H.H.S.)	10 000 000 dose for A	300 000 000 for B	viaination of poultry	According to poultry farms and backyard poultry concentration	=	=
05-04-00068	Frozen bivalent live vaccine against Mark's disease (Rispenes + HVT) in poultry.	Vial	12 000 000 dose	viaination of poultry	According to poultry farms and backyard poultry concentration	=	=
05-04-00069	Pentadog vaccine contains: Canine distemper, Canine parvoviral, Canine hepatitis, Rabies virus and leptospira.	Vial	10 000 dose	viaination for dogs	According to dogs No in GOVS	=	=
05-04-00070	Live attenuated Theileria vaccine	Vial	50 000 dose	viaination of Ruminats	According to Animals No in GOVS	=	=

C- Chemical & Biological materials

Code	Item Description and its complementary items (if applicable)	Packing	Qty. in unit	Intended Use	Allocation Criteria	Field Application	Optimal delivery time
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		=	=	All year round	As soon as possible
05-04-00073	Ethanol AnalaR	150 x 2.5 lit.		=	=	=	=
05-04-00074	Ethanol special for chromatography	10 x 2.5 lit		=	=	=	=
05-04-00075	Methanol AnalaR	150 x 2.5 lit		=	=	=	=
05-04-00076	Methanol special for chromatography	10 x 2.5 lit		=	=	=	=
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	150 x 2.5 lit		=	=	=	=
05-04-00080	Acetone special for chromatography	10 x 2.5 lit		=	=	=	=
05-04-00081	Tryptic soy agar	200 kg		=	=	=	=
05-04-00082	Peptone	300 kg		=	=	=	=
05-04-00083	Hoktoen Enteric Agar	500 g X 5		=	=	=	=
05-04-00084	Desoxy cholate Agar	500 g X 5		=	=	=	=

05-04-00085	PalacAm Medium Base	500 g X 5		=	=	=	=
05-04-00086	Crystal violet stain powder	20 x 100gm		=	=	=	=
05-04-00087	Rose bengal powder technical dye (water & alcohol soluble)	50 x 100gm				=	=
05-04-00088	TCBS Agar	500 g X 5		=	=	=	=
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)	20 x ½ kg		=	=	=	=
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	40 x 25 gm		=	=	=	=
05-04-00096	Malachite green powder	40 x 25 gm		=	=	=	=
05-04-00097	Brilliant green powder	20 x 25 gm		=	=	=	=
05-04-00098	Lactic acid 85%	100 x 1 lit.		=	=	=	=
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	8 x 250 gm		=	=	=	=
05-04-00106	Violet Red bile Agar	500 g X 5		=	=	=	=
05-04-00107	Compylobacter Agar Kit Blaser	6 X 1 liter		=	=	=	=
05-04-00108	Potassium sulfate	20 x 100 gm		=	=	=	=
05-04-00109	Magnesium citrate	10 x 250 gm		=	=	=	=
05-04-00110	Magnesium sulphate MgCl ₂ AnalaR	10 x 250 gm		=	=	=	=
05-04-00111	Calcium chloride CaCl ₂ AnalaR	20 x ½ kg		=	=	=	=
05-04-00112	Sodium hydrogen carbonate NaHCO ₃ AnalaR	20 x ½ kg		=	=	=	=
05-04-00113	Xylol AnalaR	200 x 1 lit.		=	=	=	=
05-04-00114	Phosphoric acid	20 x 2.5 lit		=	=	=	=
05-04-00115	Sulphuric acid AnalaR sp. gr. 1.84	20 x 2.5 lit		=	=	=	=
05-04-00116	Polysorbate 80 (Tween 80)	4 x 250 gm		=	=	=	=
05-04-00117	Ferric chloride AnalaR	20 x 1 lit.		=	=	=	=
05-04-00118	Glacial acetic acid AnalaR	20 x 1 lit.		=	=	=	=
05-04-00119	Chloroform	20 x 1 lit.		=	=	=	=
05-04-00120	Phosphate tetraetic acid	2 x 250 gm		=	=	=	=
05-04-00121	Nitric acid (HNO ₃ =61.01) AnalaR	20 x 2.5 lit.		=	=	=	=
05-04-00122	Perchloric acid	20 x 2.5 lit.		=	=	=	=
05-04-00123	Potassium dichromate	10 x 1 kg		=	=	=	=
05-04-00124	Anti-bovine IgG – HRP conjugate	60 vials		=	=	=	=
05-04-00125	Anti-sheep IgG – HRP conjugate	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	Compylobacter Agar Kit Skirrow	6 X 1 liter		=	=	=	=
05-04-00135	EZ coli Rapid Detection system	60 test X 5		=	=	=	=
05-04-00136	Sodium monohydrogen phosphate Na ₂ HPO ₄ .7H ₂ O AnalaR	20 x 250 gm		=	=	=	=

05-04-00137	Disodium monohydrogen phosphate Na ₂ HPO ₄ (Anhydrous) AnalaR	20 x 250 gm		=	=	=	=
05-04-00138	Potassium dihydrogen phosphate KH ₂ PO ₄ AnalaR	20 x 250 gm		=	=	=	=
05-04-00139	Sodium chloride NaCl AnalaR	20 x 250 gm		=	=	=	=
05-04-00140	Potassium chloride KCl AnalaR	20 x 250 gm		=	=	=	=
05-04-00141	Magnesium sulphate heptahydrate MgSO ₄ AnalaR	20 x 250 gm		=	=	=	=
05-04-00142	Sodium dihydrogen orthophosphate NaH ₂ PO ₄ .2H ₂ O GPR	20 x 250 gm		=	=	=	=
05-04-00143	Calcium chloride CaCl ₂ . 2H ₂ O technical use flakes	20 x 250 gm		=	=	=	=
05-04-00144	Disodium phosphate Na ₂ HPO ₄	20 x 250 gm		=	=	=	=
05-04-00145	Lactalbumine hydrolysate	40 x ½ kg		=	=	=	=
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	Chlamydia Direct FA Reagent	30 test X 5		=	=	=	=
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)	5 x ½ lit		=	=	=	=
05-04-00154	Coagulase plasma EDTA (Rabbit)	6 X 25 ml		=	=	=	=
05-04-00155	Dry slide – product 1- Dry slide – indole 2- Dry slide – Beta lactamase 3- Dry slid- oxidase test 4- Dry slide – Pyrkit	75 slide X 10		=	=	=	=
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 Cl. Perferengis type (A, B, C, D & E)	5 vials		=	=	=	=
05-04-00161	Antitoxin of Cl. Novyi type (A & B).	5 vials		=	=	=	=
05-04-00162	Antitoxin of Cl. Chuvoei	5 vials		=	=	=	=
05-04-00163	Antitoxin of Cl. Septicum	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 & Shegelle agar)	20 x 250 gm		=	=	=	=
05-04-00169	Tryptic soya broth	20 x 250 gm		=	=	=	=
05-04-00170	Amies medium - single & Twin	(10 X 50 unit) X 100 packets		=	=	=	=
05-04-00171	Selient broth	20 x 250 gm		=	=	=	=
05-04-00172	PPD bovine type (Bovine tuberculin)	2500 vials		=	=	=	=
05-04-00173	Urease Agar	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 110	10 x 250 gm		=	=	=	=
05-04-00177	PPD Avian type (Avian tuberculin)	2500 vials		=	=	=	=
05-04-00178	Hyperimmune serum (rabbit) for PPR	25 vials		=	=	=	=
05-04-00179	Salicine	10 x 250 gm		=	=	=	=
05-04-00180	D- glucose	20 x 250 gm		=	=	=	=
05-04-00181	PPR virus antigen as positive control for PPR AGID test.	25 vials		=	=	=	=
05-04-00182	Modiefied gram stain	30 x 25 gm		=	=	=	=
05-04-00183	MEM (manimum essential medium)	200 x 100 gm	Page 6	=	=	=	=

05-04-00184	Agarose	20 x 100 gm		=	=	=	=
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 x 1 lit		=	=	=	=
05-04-00190	Phenolphthalen	100 gm		=	=	=	=
05-04-00191	1- naphthalenzein	100 gm		=	=	=	=
05-04-00192	Nutrient Agar	50 x 500 gm		=	=	=	=
05-04-00193	2,4 – dichlorophenol indophenol	100 gm		=	=	=	=
05-04-00194	Mercuric acetate	4 x 250 gm		=	=	=	=
05-04-00195	Potassium iodate	20 x 250 gm		=	=	=	=
05-04-00196	Potassium bromide	20 x 250 gm		=	=	=	=
05-04-00197	Trisodium orthophosphate	20 x 250 gm		=	=	=	=
05-04-00198	Sodium silicotungstate	20 x 250 gm		=	=	=	=

D- Diagnostic Kits

Code	Item Description and its complementary items (if applicable)	Packing & quantity		Intended Use	Allocation Criteria	Field Application	Optimal delivery time
05-04-00199	Elisa kit for Brucellosis	5 kit = 5000 sera /kit		For surveillance	According to animal and 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 kit = 5000 sera /kit		=	=	=	=
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	5 kit = 5000 sera /kit		=	=	=	=
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.	10 kit = 5000 sera /kit		=	=	=	=
05-04-00213	Elisa kit for Mycoplasma gallisepticum & synovi.	20 kit = 5000 sera /kit		=	=	=	=
05-04-00214	Elisa kit for bovine leukemia	2 kit = 1000 sera /kit		=	=	=	=
05-04-00215	Elisa kit for malignant catarrhal fever	5 kit = 1000 sera /kit		=	=	=	=
05-04-00216	Elisa kit for rotavirus & corona virus	5 kit = 1000 sera /kit		=	=	=	=
05-04-00217	Elisa kit for mucosal disease & viral diarrhea.	20 kit = 5000 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)	20 kit = 10 000 sera /kit		=	=	=	=
05-04-00220	Elisa kit for coli bacillosis.	5 kit = 1000 sera /kit		=	=	=	=

E- Equipments & Instruments

Code	Item Description and its complementary items (if applicable)	Qty. in unit		Intended Use	Allocation Criteria	Field Application	Optimal delivery time
05-04-00221	Incinerator different sizes	50		For daily disposal of waste carcasses in vet. Hospitals	According to the veterinary hospitals and labs in Governorates	All year round	As soon as possible
05-04-00222	Automatic absorption spectrophotometer (ASS) with 15% spare parts	4		For center and government labs	According to the veterinary hospitals and labs	All year round	As soon as possible

05-04-00223	High speed mixers of fecal sample	20		For Vet labs use according to vet. Labs	According to the labs no. in governorates	=	=
05-04-00224	Compressor (R12) 1/5 H. P.	50		Maintenance of existing cold rooms in governorates	=	=	=
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		Veterinary labs of hospitals and Vet. centers in governorates	According to the number of existing veterinary hospital and Vet. centers in the 15 governorates	=	=
05-04-00227	MaC master slides	50		Veterinary labs of hospitals and Vet. centers in governorates	According to the number of existing veterinary hospital and Vet. centers in the 15 governorates	=	=
05-04-00228	Petri dish: A) Glasses with 90mm diameter X 15 mm H B) Glasses with 35mm diameter X 15 mm H C) Disposable with 5cm diameter D) Disposable with 10cm diameter	A) 5000 B) 5000 C) 5000 D) 5000		For vet. Labs use	According to number of veterinary hospitals in governorates	=	=
05-04-00229	Hydraulic operating table with 15% spare parts	15		For surgical operation in vet. hospitals	According to number of veterinary hospitals in governorates	=	=
05-04-00230	Portable X- ray unit with 15% spare parts	15		For vet. use in vet. hospital	=	=	=
05-04-00231	Ultraviolet tubes	5000		For the laboratory use	According to the veterinary lab in the center and in governorates	=	=
05-04-00232	Ultra sonic bath	50		For the laboratory use	According to the veterinary lab in the center and in governorates	=	=
05-04-00233	Polarimeter	10		For the laboratory use	According to the quality control lab	=	=
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	Laboratory timer	50		For the laboratory use	According to the veterinary lab in the center and in governorates	=	=
05-04-00236	Autoclave	200		For the laboratory use in the central and governorates labs.	=	=	=
05-04-00237	Drenching syringe graduated from 5-30 ml with connecting tube with spare part 15%.	3000 Pc		To drench animals for endo parasite treatment	Animal population / number of veterinary facilities	=	=
05-04-00238	Portable vacuums / pressure pumps	30		For the laboratory use	According to the veterinary lab in the center and in governorates	=	=
05-04-00239	Spraying vaccination cabinet with 15% spare parts	50		For poultry vaccination	According to the vet. hospitals and poultry centers.	=	=
05-04-00240	Carcass brander	200		For vaccination campaign	According to number of veterinary centers in the 15 governorates	=	=
05-04-00241	Automatic syringe 30 ml for vaccination (stainless steal) with spare part 15%.	2000		=	=	=	=

05-04-00242	Automatic syringe for sheep pox vaccination 2ml (graduation 0.1) (stainless steal) with spare part 15%.	2000		For the main labs in governorates	=	=	=
05-04-00243	Automatic vaccination machine (injector) with 15% spare parts	40		For poultry vaccination	According to the vet. hospitals and poultry centers.	=	=
05-04-00244	Tablet testing system	1					
05-04-00245	Venoject tube :10 ml plain, 10 ml EDTA, 5 ml heparin	10 000 , 100 000 , 10 000					
05-04-00246	Venoject needle for above	120 000		=	=	=	=
05-04-00247	Venoject holder 5 x 10 ml	500		For laboratory use in the central and governorates labs	According to the requirements of each lab	=	=
05-04-00248	Spraying machine for Newcastle vaccine with 15% spare parts	100		For poultry vaccination	According to the vet. hospitals and poultry centers.	=	=
05-04-00249	Cooled centerfuge (different size)	200		For vet lab use	According to the vet. lab in Baghdad and in hospitals in 15 governorates	=	=
05-04-00250	Overall water proof in different size	6000		For vet. use	According to the vet. hospitals and poultry centers.	=	=
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		For the vet. use in the center.	=	=	=
05-04-00254	Roller Tissue Culture apparatus	3 unit		For the vet. use in the center.	=	=	=
05-04-00255	Gas chromatography (GC)	1		For laboratory use in the central and governorates labs	=	=	=
05-04-00256	Caliper 0 – 120 mm	10					
05-04-00257	Flask volumetric (glass narrow neck with plastic flat head stoper) (50, 100, 250, 500, & 1000) ml.	20 for each		=	=	=	=
05-04-00258	Spectrophotometer PH indicator paper 5.5-9	20		=	=	=	=
05-04-00259	Water bath	50		For the laboratory use in the central and governorates labs.	=	=	=
05-04-00260	Foging 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	50		=	=	=	=
05-04-00264	Plates (Nunc maxisorb) 40/sera/plate	1000 plate		=	=	=	=
05-04-00265	Deionizer with accessories	25 unit		=	=	=	=
05-04-00266	Magnetic stirrers system	30		=	=	=	=
05-04-00267	Auto analyzer	2		=	=	=	=
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	Infrared spectrophotometer	15		=	=	=	=
05-04-00272	Cartrage and shaker : Cartrage , Shaker (part of Elisa)	12 , 5 for each		=	=	=	=
05-04-00273	Automatic laboratory washer	25		=	=	=	=
05-04-00274	Apparatus for detection and determination of mycotoxin and food borne pathogens	1		=	=	=	=
05-04-00275	Set of pipets , multichanel pipette for 12 tips	12		=	=	=	=
05-04-00276	Bidistaled water supply machine	8					

F-Glasswares

Code	Item Description and its complementary items (if applicable)	Packing	Qty. in unit	Intended Use	Allocation Criteria	Field Application	Optimal delivery ti
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					
05-04-00278	Cell culture flask, roux with cylindrical neck, excentric	2000		For the central and district labs and vet. Centers in the 15 governorates	According to existing numbers of labs and vet. Centers in the 15 governorates	=	=
05-04-00279	Rubber stoppers for above (non toxic)	5000		=	=	=	=
05-04-00280	Beakers capacity 50 , 100, 250 ,500 , 1000 ml	2000 each size		=	=	=	=
05-04-00281	Bijout bottles 5, 10 ml with screw cap	20 each					
05-04-00282	Universal bottles 20 ml with screw cap	20 000		=	=	=	=
05-04-00283	Measuring cylinders (pyrex) 50, 100, 250, 500, 1000 & 2000 ml	2000 each size		=	=	=	=
05-04-00284	Test tubes with screw caps (pyrex)	5000		=	=	=	=
05-04-00285	Lighten tubes with screw caps (Pyrex)	3000		=	=	=	=
05-04-00286	Serological pipettes (Pyrex) size 1, 2, 5, 10 & 20 ml	5000 each size		=	=	=	=
05-04-00287	Pipette container stainless steal (Rounded)	400		=	=	=	=
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 tabulation the neck finish provide an excellent fit for rubber stoppers size 1000 ml	2000		=	=	=	=
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	25		=	=	=	=
05-04-00293	Centrifuge tubes, graduated, with screw cap, conical bottom made from thick-walled borosilicate glass cap 15 ml & 40 ml .	2000 each size		=	=	=	=
05-04-00294	A) Air cool split unit different types B) Air condition 2 T C) Refrigerator	A) 300 B) 600 C) 50		=	=	=	=
05-04-00295	Colony counters	100					
05-04-00296	Anaerobic jars	10					
05-04-00297	Burners (gas)	100					
05-04-00298	Disposable syringe with needle With different sizes as below: 5 ml 10 ml 20 ml 50 ml	500 000 syringes 1 000 000 syringes 250 000 syringes 250 000 syringes		For injection	According to existing numbers of labs in the 15 governorates		
05-04-00299	Vacuum pumps	25					
05-04-00300	Test tube supports (Rock)	100		For the central labs in the governorates	According to existing numbers of labs in the 15 governorates	=	=
05-04-00301	Aspirator bottles (glass)	100		=	=	=	=
05-04-00302	Washing bottles polyethylene round with long tube	500		=	=	=	=
05-04-00303	Funnels top diameter mm 50, 100, 200, 1000,	1000 each size		=	=	=	=

05-04-00304	Tubing clamps jaw opening 0-50, 0-60 & 0-70	100 each		For the central labs in the governorates	According to existing numbers of labs in the 15 governorates	=	=
05-04-00305	Microtiter pipetting system volume 5, 20, 100, 200 & 1000	25 each		For the central labs and in the vet. hospitals in 15 governorates	According to existing numbers of labs in the 15 governorates	=	=
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, flasks have scales to indicate volumes. size 250 & 500 ml	2000 each size		=	=	=	=
05-04-00309	Falcone- tissue culture flask . 25 cm2, culturing surface canted neck With black phenolic screw cap	5000		=	=	=	=
05-04-00310	Falcone- tissue culture flask . 75 cm2, culturing surface canted neck With black phenolic screw cap	10 000		=	=	=	=
05-04-00311	Falcone- tissue culture flask . 150 cm2, culturing surface canted neck With black phenolic screw cap	15 000		=	=	=	=

G- Transportation

Code	Item Description and its complementary items (if applicable)	Packing	Qty. in unit	Intended Use	Allocation Criteria	Field Application	Optimal delivery time
05-04-00312	A. Fork lift capacity (1 T.) B. Manual lift capacity (1 T.)	16 A , 25 B		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	10		For staff transportation	According to the staff number of the main veterinary labs and hospitals	=	=
05-04-00315	Minibus cars 14-18 seats	50		=	=	=	=
05-04-00316	A. Water tanker truck (10000-15000) lit. capacity. B) Special vehicle for transportation of liquid nitrogen	30 A , 1 B		For water distribution during the dipping campaign			
05-04-00317	Truck 3-10 T. capacity.	50					
05-04-00318	25-30 T. pay load truck with trailer	5					
05-04-00319	Cooled truck for transportation of vaccines (10-15)T.	40		For liquid Nitrogen distribution	According to the numbers of hospitals in the 15 governorates		
05-04-00320	Mobile veterinary clinic.	32					
05-04-00321	Mobile Dip. with trailer	22					
05-04-00322	Vehicles for surveillance (Double cabin)	150		=	=	=	=
05-04-00323	Vehicles for field work (Double axle)	100		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	=	=
05-04-00324	Motor cycle (Scooter)	130		For drugs transportation from the central ware houses to the 15 governorates	To be located in the central ware houses in Baghdad	=	=

Code	Item Description and its complementary items (if applicable)	Packing	Qty. in unit	Intended Use	Allocation Criteria	Field Application	Optimal delivery time
05-04-00325	Thermostat	15		Thermostat mixing valve	To rehabilitate the main fish hatchery in WASIT	February	AS SOON AS POSS
05-04-00326	Water pump	4		Heating circulating pump	To rehabilitate the main fish hatchery in WASIT	February	AS SOON AS POSS
05-04-00327	Nozzle	12		Nozzle for burner	To rehabilitate the main fish hatchery in WASIT	February	AS SOON AS POSS
05-04-00328	Anaesthetic	10 Ltr.		Fish anaesthetic brand (MS222)	To be used in the main fish hatchery in WASIT for propagation	February	AS SOON AS POSS
05-04-00329	Flibe E	750 Ltr.		For disinfecting fish ponds before fish finger released	To be used in the main fish hatchery in WASIT for propagation	February	AS SOON AS POSS
05-04-00330	Plankton net	50 net		For fish finger growing in ponds	To be used in the main fish hatchery in WASIT for propagation	February	AS SOON AS POSS
05-04-00331	Rubber suites	300		Rubber overall suites with boots size M & L	To be used in the main fish hatchery in WASIT for propagation	February	AS SOON AS POSS
05-04-00332	Fishing nets	50000		Different sizes for sea & fresh water fisherman			
05-04-00333	Fishing net less	1000		Suitable For fish ponds operations	To be used by fish ponds owners and fish hatchery owners	All year round	AS SOON AS POSS
05-04-00334	Pituitary gland extract from carp fish	50		Natural carp Pituitary gland hormone			
05-04-00335	Robes 8 – 24 mm diameter	50		Robes for fishing nets (sea and fresh water)			
05-04-00336	Common carp males and females	400		Age 2-5 years live wt 4-5 kg	To be used in the main fish hatchery in WASIT for propagation	Feb. – may	AS SOON AS POSS
05-04-00337	Silver carp males and females	350		Age 4 – 6 years live wt 4 – 6 kg	To be used in the main fish hatchery in WASIT for propagation	Feb. – may	AS SOON AS POSS
05-04-00338	Grass carp males and females	400		4 – 6 years old , length 51-67 cm	To be used in the main fish hatchery in WASIT for propagation	Feb. – may	AS SOON AS POSS
05-04-00339	Big head carp males and females	150		3 – 5 years old , 3 – 5 kg	To be used in the main fish hatchery in WASIT for propagation	Feb. – may	AS SOON AS POSS
05-04-00340	Grohe thermostat	25		Water mixing valve	To rehabilitate the main fish hatchery in Wasit	Feb. – May	AS SOON AS POSS
05-04-00341	Small Zuger (glass)	50 Pcs		Volume 10 letter each	To rehabilitate the main fish hatchery in Wasit	Feb. – May	AS SOON AS POSS
05-04-00342	Large Zuger (fiber glass)	15 Pcs		Volume of 52 letters each	To rehabilitate the main fish hatchery in Wasit	Feb. – May	AS SOON AS POSS
05-04-00343	Lubrication oil	30 MT		For fishing boat engines	To be distributed to fisher man in the 15 gov.	Feb. – May	AS SOON AS POSS
05-04-00344	Mixing Valve	2 Pcs		Samsow DN 80, RN 306220	To rehabilitate the main fish hatchery in Wasit	Feb. – May	AS SOON AS POSS
05-04-00345	Industrial small relay	12 Pcs					
05-04-00346	Current Relay 36 – 5954 – 3	4					
05-04-00347	Motor protective switch (complete)36-118701conductor 36-110101	3					
05-04-00348	Time relay 36-27480	5					

05-04-00349	Conductor 36-134101	4					
05-04-00350	Time relay 35-71-480	40					
05-04-00351	Fus-link 33-1433	DO 11 4A	40	To rehabilitate the main fish hatchery in Wasit	Feb. – May	AS SOON AS POSSIBLE	
05-04-00352	Fus-link 33-1435	DO 11 6A	50	To rehabilitate the main fish hatchery in Wasit	Feb. – May	AS SOON AS POSSIBLE	
05-04-00353	Fus-link 33-1437	DO 11 10A	60	To rehabilitate the main fish hatchery in Wasit	Feb. – May	AS SOON AS POSSIBLE	
05-04-00354	Fus-link 33-1439	DO 11 16A	50	To rehabilitate the main fish hatchery in Wasit	Feb. – May	AS SOON AS POSSIBLE	
05-04-00355	Fus-link 33-26020	NOLGD – 0-16A	50	To rehabilitate the main fish hatchery in Wasit	Feb. – May	AS SOON AS POSSIBLE	
05-04-00356	Fus-link 33-1443	DO 11 25 A	50	To rehabilitate the main fish hatchery in Wasit	Feb. – May	AS SOON AS POSSIBLE	
05-04-00357	Fus-link 33-2804	VNO – 001GL 25 A	30	To rehabilitate the main fish hatchery in Wasit	Feb. – May	AS SOON AS POSSIBLE	
05-04-00358	Fus-link 33-2818	VNO – 01GL 25 A	40	To rehabilitate the main fish hatchery in Wasit	Feb. – May	AS SOON AS POSSIBLE	
05-04-00359	Fus-link 33-1451	DO 111 35 A	45	To rehabilitate the main fish hatchery in Wasit	Feb. – May	AS SOON AS POSSIBLE	
05-04-00360	Fus-link 33-1453	DO 111 50 A	50	To rehabilitate the main fish hatchery in Wasit	Feb. – May	AS SOON AS POSSIBLE	
05-04-00361	Fus-link 33-2821	VNO-01GD 63 A	50	To rehabilitate the main fish hatchery in Wasit	Feb. – May	AS SOON AS POSSIBLE	
05-04-00362	Fus-link 33-1455	DO 111 63 A	50	To rehabilitate the main fish hatchery in Wasit	Feb. – May	AS SOON AS POSSIBLE	
05-04-00363	Fus-link 33-2823	VNO – 01GL 100 A	50	To rehabilitate the main fish hatchery in Wasit	Feb. – May	AS SOON AS POSSIBLE	
05-04-00364	Fus-link 33-2804	VNO – 001 GL 25 A	40	To rehabilitate the main fish hatchery in Wasit	Feb. – May	AS SOON AS POSSIBLE	
05-04-00365	Fus-link 33-2820	VNO – 01GL 50 A	45	To rehabilitate the main fish hatchery in Wasit	Feb. – May	AS SOON AS POSSIBLE	
05-04-00366	Fus-link 33-2839	VNO – 11 GL 100 A	50	To rehabilitate the main fish hatchery in Wasit	Feb. – May	AS SOON AS POSSIBLE	
05-04-00367	Fus-link	NOLGD –1 200 A	12	To rehabilitate the main fish hatchery in Wasit	Feb. – May	AS SOON AS POSSIBLE	
05-04-00368	Suclion height (nominal power)		4				

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

Code	Item Description and its complementary items (if applicable)	Packing	Qty. in unit	Intended Use	Allocation Criteria	Field Application	Optimal delivery ti
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	AS SOON AS POSSIBLE	
05-04-00370	Holstein sires	14 – 18 month of age and 4	15 – 20	To replace the old herd serving at the IA center	All year round	AS SOON AS POSSIBLE	
05-04-00371	Digital Photometer	For semen evaluation with	1	To be used in the main IA center	All year round	AS SOON AS POSSIBLE	
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	AS SOON AS POSSIBLE	
05-04-00373	Strew filling and printing machine Mini strews	500 000 strew + 1 machin	1	To be used in the main IA center	All year round		
05-04-00374	Liquid nitrogen containers	Capacity 37 Ltr.	100	To be used by IA services in governorates	All year round	AS SOON AS POSSIBLE	

05-04-00375	Liquid nitrogen containers	Capacity 7 Ltr.	200	To be used by IA services in governorates	All year round	AS SOON AS POSSIBLE	
05-04-00376	Universal syringe	0.25 ml	150	To be used by IA services in governorates	All year round	AS SOON AS POSSIBLE	
05-04-00377	Protecting jacket for AI gun Protecting jacket for all sheath		100 each	To be used by IA services in governorates	All year round	AS SOON AS POSSIBLE	
05-04-00378	Universal sheet	0.25 ml	200 000	To be used by IA services in governorates	All year round	AS SOON AS POSSIBLE	
05-04-00379	Five finger plastic gloves	Each box contains 100 gloves	250 Box	To be used by IA services in governorates	All year round	AS SOON AS POSSIBLE	
05-04-00380	Standard goblets	For strew storage	500 vial	To be used by IA services in governorates	All year round	AS SOON AS POSSIBLE	
05-04-00381	Prozolin (hormone)	10 cc vial	2000 vial	To be used by IA services in governorates	All year round	AS SOON AS POSSIBLE	
05-04-00382	Chorolion (hormone)	Five x five package	200 pack	To be used by IA services in governorates	All year round	AS SOON AS POSSIBLE	
05-04-00383	Fertagel (hormone)	10 cc vial	3500 vial	To be used by IA services in governorates	All year round	AS SOON AS POSSIBLE	
05-04-00384	Progesterone (hormone)	10 cc vial	1000 vial	=	=	AS SOON AS POSSIBLE	
05-04-00385	Estradiol (hormone)	10 cc vial	1000 vial	=	=	AS SOON AS POSSIBLE	
05-04-00386	Folligon	Vial (1500 IU)	2000 vial	=	=	AS SOON AS POSSIBLE	
05-04-00387	Oxytocin	Vial (10 CC)	1000 vial	A.I. Center	All year round		
05-04-00388	Metroget	Syringe	20 000 000				
05-04-00389	A) RCB stainless steel container B)Liquid Nitrogen container with accessory C) Transfer hoses are made of stainless steel with abraded protection	1 A , 1 B , 5 C					
05-04-00390	Semen collection (artificial vagina) equipment with 50 % spare parts		25	=	=	AS SOON AS POSSIBLE	
05-04-00391	Electro-ejaculator for bull	=	2	=	=	AS SOON AS POSSIBLE	
05-04-00392	Cold cabinet adjustable floor height	Used for semen production	2	=	=	AS SOON AS POSSIBLE	
05-04-00393	Automatic computerised device for semen freezing	=	2	=	=	AS SOON AS POSSIBLE	
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	1500				
05-04-00397	Universal sheath	0.25 CC	500 000 000				
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 :

Code	Item Description and its complementary items (if applicable)	Packing	Qty. in unit	Intended Use	Allocation Criteria	Field Application	Optimal delivery time
05-04-00400	Pulsation generator	For ALFA - LAFAL and g	40	To be distributed for maintenance and use in dairy stations in the country	All year round	AS SOON AS POSSIBLE	
05-04-00401	Electric pulsator	For ALFA - LAFAL and g	160	To be distributed for maintenance and use in dairy stations in the country	All year round	AS SOON AS POSSIBLE	

05-04-00402	Sanitary trap	For ALFA - LAFAL and g	40	To be distributed for maintenance and use in dairy stations in the country	All year round	AS SOON AS POSSIBLE	
05-04-00403	Lubricator	For ALFA - LAFAL and g	80	To be distributed for maintenance and use in dairy stations in the country	All year round	AS SOON AS POSSIBLE	
05-04-00404	Vacuums pump	For ALFA - LAFAL and g	80	To be distributed for maintenance and use in dairy stations in the country	All year round	AS SOON AS POSSIBLE	
05-04-00405	Electric motor 2.2 kw	For ALFA - LAFAL and g	80	To be distributed for maintenance and use in dairy stations in the country	All year round	AS SOON AS POSSIBLE	
05-04-00406	Teat cup liner	For ALFA - LAFAL and g	2500	To be distributed for maintenance and use in dairy stations in the country	All year round	AS SOON AS POSSIBLE	
05-04-00407	Wash cup set of 4	For ALFA - LAFAL and g	2500	To be distributed for maintenance and use in dairy stations in the country	All year round	AS SOON AS POSSIBLE	
05-04-00408	Roll clip for 22.3	For ALFA - LAFAL and g	600	To be distributed for maintenance and use in dairy stations in the country	All year round	AS SOON AS POSSIBLE	
05-04-00409	Single air section	For ALFA - LAFAL and g	600	To be distributed for maintenance and use in dairy stations in the country	All year round	AS SOON AS POSSIBLE	
05-04-00410	Elbow forth glass jar	For ALFA - LAFAL and g	600	To be distributed for maintenance and use in dairy stations in the country	All year round	AS SOON AS POSSIBLE	
05-04-00411	FMD milk pump	For ALFA - LAFAL and g	40	To be distributed for maintenance and use in dairy stations in the country	All year round	AS SOON AS POSSIBLE	
05-04-00412	Portable milking machine	For small breeders	100	To be distributed to the small breeders in governorates	All year round	AS SOON AS POSSIBLE	
05-04-00413	Milk container	Capacity 50 kg	10000	To be distributed to the small breeders in governorates	All year round	AS SOON AS POSSIBLE	
05-04-00414	Milk cooling machine	capacity 500 kg	300	To be distributed to small breeders in the governorates	All year round	AS SOON AS POSSIBLE	
05-04-00415	Pasteurization milk machine	capacity 500kg	300	To be distributed to small breeders in the governorates	All year round	AS SOON AS POSSIBLE	

05-04-00416	Double jaket tank for cheese processing	capacity 500kg	300	To be distributed to small breeders in the governorates	All year round	AS SOON AS POSSIBLE	
05-04-00417	Ranine enzyme for processing cheese	Normal grade	3MT	To be distributed to small breeders in the governorates	All year round	AS SOON AS POSSIBLE	

K - Rehabilitation of food and mouth disease (FMD) laboratory - Al_Dora / Baghdad

Code	Item Description and its complementary items (if applicable)	Qty. in unit	Intended Use	Allocation Criteria	Field Application	Optimal delivery time
05-04-00418	Rehabilitation of the steam system.	Different	Rehabilitation of FMD lab in MOA	All Year Around	To produce the requirement of FMD vaccine required in vaccination campaign in cattle and sheep	All Year Around
05-04-00419	Rehabilitation of the cooling system.	Different	=	All Year Around	=	All Year Around
05-04-00420	Rehabilitation of the compressor.	Different	=	All Year Around	=	All Year Around
05-04-00421	Rehabilitation of the electric system and supplying generators.	Different	=	All Year Around	=	All Year Around
05-04-00422	Rehabilitation of the water system.	Different	=	All Year Around	=	All Year Around
05-04-00423	Rehabilitation of the water treatment plan.	Different	=	All Year Around	=	All Year Around
05-04-00424	Rehabilitation of the main air-condition system.	Different	=	All Year Around	=	All Year Around
05-04-00425	Rehabilitation of the Freezer & Cole store.	Different	=	All Year Around	=	All Year Around
05-04-00426	Rehabilitation of the demonized water.	Different	=	All Year Around	=	All Year Around
05-04-00427	Rehabilitation of the alarm system in the operator.	Different	=	All Year Around	=	All Year Around
05-04-00428	Supplying the production and laboratory facilities.	Different	=	All Year Around	=	All Year Around
05-04-00429	Supply the furniture.	Different	=	All Year Around	=	All Year Around