

ENHANCING DOMESTIC ANIMAL PRODUCTION**Sector:** Agriculture**Sub sector:** Animal disease control**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 - Emergency Rehabilitation of the Veterinary Distribution Cold Chain .**

Code	Item Description and its complementary items (if applicable)	Intended Use and (targeted end user)	Qty. in unit	Allocation Criteria	time frame	
					Field Application	optimal delivery
05-04-00001	Deep freezer (- 20) C .	(Vet. Hospitals in Governorates)	20		ALL YEAR AROUND	As soon as possible
05-04-00002	Ultra deep freezer (-70 to -90) C		5		ALL YEAR AROUND	As soon as possible
05-04-00003	Refrigerated truck 1 ton capacity.	To transport vaccines to the vet hospital and district clinics in the Governorates (State Board of vet. Services MOA)	15	1 truck for each Governorates	ALL YEAR AROUND	As soon as possible
05-04-00004	15 cubic ft refrigerators	Storage of vaccines and thermosensitive drugs in vet. District clinics (Vet. District clinics)	30	According to the number of existing district vet. Centers in all 15 Governorates	ALL YEAR AROUND	As soon as possible
05-04-00005	Replacement 1/5 Hp compressors.	Maintenance of refrigerators in vet. District (Vet. Hospitals Vet. Centres)	50	According to maintenance requirements of these centers in 15 Governorates	ALL YEAR AROUND	As soon as possible

time frame						
Code	Item Description and its complementary items (if applicable)	Intended Use and (targeted end user)	Qty. in unit	Allocation Criteria	Field application	optimal delivery
05-04-00006	Tanker 15 ton		7		ALL YEAR AROUND	As soon as possible
05-04-00007	Vehicles for surveillance	For surveillance of fly control	25		ALL YEAR AROUND	As soon as possible
05-04-00008	Mobile dip. With trailer	For dipping campaign	22		ALL YEAR AROUND	As soon as possible
05-04-00009	Heavy duty motorcycle		100		ALL YEAR AROUND	As soon as possible
05-04-00010	Mobile veterernry clinic	Vet . vaccines and diseases control campaign	32	Animal population intensity of infestation	ALL YEAR AROUND	As soon as possible
05-04-00011	Voltage stabilisers.	To mitigate effect to power cuts on electrical equipment (Vet. District Clinics)	100	According to the number of existing district vet. Centers in all 15 Governorates	ALL YEAR AROUND	As soon as possible
05-04-00012	Spare parts for cold chambers in vet-hospital in Govenorate capitals	To repair the cold chambers in the Governorate capital vet. Hospitals (Governorate capital Vet. Hospital)	15	Repair of cold chamber in each of the 15 Governorates	ALL YEAR AROUND	As soon as possible

Annex AGRI. - 4A

B - Veterinary Vaccines and Diagnostics

Code	Item Description and its complementary items (if applicable)	Intended Use and (targeted end user)	Qty. in unit	Allocation Criteria	time frame	
					Field application	Optimal delivery
05-04-00013	Freeze - dried live vaccine against infections Bursal Disease (Gumboro Disease) in poultry (Intermediate Strain) .	Poultry vaccination campaign in poultry farms and backyard flocks (Poultry farms backyard poultry in 15 Governorates)	300.000.000 Dose	According to poultry farms in each governorate and backyard poultry concentration	ALL YEAR ROUND	As soon as possible
05-04-00014	Inactivated vaccine in oil adjuvant against infectius Bronchitis , Newcastle disease and Egg – drop Syndrome in poultry .	Poultry vaccination campaign in poultry farms and backyard flocks (Poultry farms backyard poultry in 15 Governorates)	4 000 000 Dose	According to poultry farms in each governorate and backyard poultry concentration	ALL YEAR ROUND	As soon as possible
05-04-00015	Inactivated vaccine in oil adjuvant against infectious bronchitis , Newcastle disease and infectious bursal disease. (Gumboro disease) in poultry .	Poultry vaccination campaign in poultry farms and backyard flocks (Poultry farms backyard poultry in 15 Governorates)	8 000 000 Dose	According to poultry farms in each governorate and backyard poultry concentration	ALL YEAR ROUND	As soon as possible
05-04-00016	Foot and Mouth Disease vaccine , purified vaccine with adjuvant . Type: A22 , O1 , Asia 1).	F.M.D. disease vaccination campaign for cattle (Large animals owners and dairy stations)	4 000 000 Cattle Dose	According to cattle populations and cases diagnostic in Governorates	ALL YEAR ROUND	As soon as possible
05-04-00017	vaccine against Clostridial disease : Containing : - Cl. Preifringes type , A , B , C , and D . - Cl. novaei type B. (Odematious - Cl. Chauvoei	Vaccination for sheep against clostridia and enterotoxaemia	6 000 000 Dose	According to sheep populations in the 15 Governorates	ALL YEAR ROUND	As soon as possible
05-04-00018	Pentadog vaccine containg : Canine distemper, Canine parvocirus, Canine hepatitis , Rabies virus and leptospira.	Vaccination for dogs in 15 gevernaret	15 000 Dose	According to Existing pet dogs 15 Governorates	ALL YEAR ROUND	As soon as possible
05-04-00019	Frozen bivalent live vaccine against Marek's disease (Rispenes + HVT) in poultry	Poultry vaccination campaign in poultry farms and backyard flocks (Poultry farms backyard poultry in 15 Governorates)	4 000 000 Does	According to poultry farms in each governorate and backyard poultry concentration	ALL YEAR ROUND	As soon as possible

05-04-00020	Rinder pest vaccin	Vaccination for cattle	1 500 000 dose	According to cattle farms in each governorate and backyard cattle concentration	ALL YEAR ROUND	As soon as possible
05-04-00021	PPD Bovin type	Vaccination for cattle	50 000 dose	According to cattle farms in each governorate and backyard cattle concentration	ALL YEAR ROUND	As soon as possible
05-04-00022	PPD Avian type	For use by vet. centers	50 000 dose	Will be allocated to the labs and vet centers in different governorates	ALL YEAR ROUND	As soon as possible
05-04-00023	Elisa kit for PPR	For use by vet. centers	15 000 kit	Will be allocated to the labs and vet centers in different governorates	ALL YEAR ROUND	As soon as possible
05-04-00024	Elisa kit for Rinderpest	For use by vet. centers	15 000 kit	Will be allocated to the labs and vet centers in different governorates	ALL YEAR ROUND	As soon as possible
05-04-00025	Kit for hemorrhagic fever (Congo Crimean fever)	For use by vet. centers	30 000 test	Will be allocated to the labs and vet centers in different governorates	ALL YEAR ROUND	As soon as possible
05-04-00026	Eagle's media	For use by vet. centers	1 000 pack of 100 gm	Will be allocated to the labs and vet centers in different governorates	ALL YEAR ROUND	As soon as possible
05-04-00027	Trypsin 1/250 (bovine)	For use by vet. centers	20 pack of 25 gm	Will be allocated to the labs and vet centers in different governorates	ALL YEAR ROUND	As soon as possible
05-04-00028	Faetal bovine serum	For use by vet. centers	10 bottle of 500 ml	Will be allocated to the labs and vet centers in different governorates	ALL YEAR ROUND	As soon as possible

C - Veterinary Pharmaceuticals

Code	Item Description and its complementary items (if applicable)	Intended Use and (targeted end user)	Qty. in unit	Allocation Criteria	time frame	
					Field application	Optimal delivery
05-04-00029	Vitamins & minerals high Conc. W.S.P. Contain:- -(A,D3, E, C, B1 , B2 , B6 , B12 , K3 , Folic acid , Pot. Cal. Man. Zinc . Cobalt , Iron ,Nictinamid Methionine , Lysine , Glutamic acid , Cystin , Valin , Tyrosine , Aspartic acid , Histidine, Proline , Seiren , Tryptophane .	To supplement poultry feeding system to promote feed growth and prevent disease stress during infection	200 000 kg	According to poultry farm and backyard poultry concentration in each governorate	ALL YEAR ROUND	July – December
05-04-00030	Tylosin 100 % as a base W.S.P Each 114 gm contain Tylosin 100 gm Tartarate 14 gm	Control of poultry diseases	50 000 pack of 114 gm	=	ALL YEAR ROUND	July – December
05-04-00031	Vitamin AD3E Each 1 kg contain : - Vit A : 100 000 000 I. U. - Vit D3 : 50 000 000 I.U. - Vit E : 40 gm	Treatments of vitamin deficiency in poultry	80 000 kg	=	ALL YEAR ROUND	July – December
05-04-00032	Diuretic for poultry Each 100 gm contain 99 % -100% Methenamine	Treatments of vitamin deficiency in poultry	10 000 kg		ALL YEAR AROUND	July – December
05-04-00033	Ampicillin tryhydrate 20% W.S.P. Each 114 gm contain Ampicillin 20 gm as a base	Treatment for poultry diseases	25 000 kg	=	ALL YEAR ROUND	July – December
05-04-00034	Amoxicillin tryhydrate 20% W.S.P. Each 100 gm contain Amoxicillin 20 gm as a base	Treatment for poultry diseases	40 000 kg	=	ALL YEAR ROUND	July – December
05-04-00035	Erthyromycin thiocynate 20% Each 100 gm contain Erthyromycin 20 gm as a base	Treatment for poultry diseases	40 000 kg	=	ALL YEAR ROUND	July – December
05-04-00036	Cypermethrin 10 % liquid (An emulsifiable con contain 100 gm/lit. Cypermethrin stability two year min. under normal condition and tightly sealed and pack in Aluminum container sealed	Fly control	75 000 Gallon		ALL YEAR AROUND	July – December

05-04-00037	Iodophor Each 1 kg contain free Iodine 1.8 %	Disinfectant for ruminant and poultry farms (Poultry farms Ruminant farms Vet. Centres)	60 000 gallon	According to animal farms and vet. Centres in each of 15 Governorate	ALL YEAR ROUND	July – December
05-04-00038	Phenol derivatives	Disinfectant for ruminant and poultry farms	25 000 gallon	=	ALL YEAR ROUND	July – December
05-04-00039	Enrofloxacin 10 % (Liquid) Each 1 ml contain 100 mg Enrofloxacin	Treatment for poultry diseases	60 000 ltr.	According to poultry farms , backyard concentrations in each of the 15 Governorates	ALL YEAR ROUND	July – December
05-04-00040	Doxycycline 20% Each 100 Gm contain 20 gm Doxycycline	Treatment for poultry diseases	25 000 kg	=	ALL YEAR ROUND	July – December
05-04-00041	Amprolium hydrpchloride 60% W.S.P Each 1 kg contain 600 Amprolium pure	Treatment of coccidiosis in poultry	60 000 kg	=	ALL YEAR ROUND	July – December
05-04-00042	Vit C + Acetyl salicylic acid 25 % W.S.P.	Treatment of vitamin deficiency in poultry	15 000 kg	=	ALL YEAR ROUND	July – December
05-04-00043	Neomycin Sulphate 30% Each 100 gm contain 30 gm Neomycin as a base	Treatment of poultry disease	20 000 kg	=	ALL YEAR ROUND	July – December
05-04-00044	Vit E + Selenium W.S. P. Each 1 kg contain Vit E : 50 000 IU Selenium 2 gm	Treatment of vitamin and mineral deficiency	10 000 kg	=	ALL YEAR ROUND	July – December
05-04-00045	Ciprofloxacin 10 % Liquid Each 1 ml contain 100 mg Ciprofloxacin	Treatment of poultry disease	40 000 Lt	=	ALL YEAR ROUND	July – December
05-04-00046	Spiramycin hydrochlorid 20 % W.S.P Each 100 gm contain 20 gm Spiramycin as a base	Treatment of poultry disease	15 000 kg	=	ALL YEAR ROUND	July – December
05-04-00047	Lincomycin and spectinomycin 50 % W.S. P. Each 150 gm contain Lincomycin 25gm as a base Spectinomycin 50 gm as a base	Treatment of poultry disease	20 000 kg	=	ALL YEAR AROUND	July – December
05-04-00048	Rafoxinide 3 % (suspension)	Treatment of liver fluke in sheep and cattle	75 000 ltr.	According to sheep and cattle population in each of the 15 Governorates	ALL YEAR ROUN	July – December

05-04-00049	Levamisole hydrochloride 1.5 % and Oxytoclozanide 3 % (suspension)	Treatment of liver fluke in sheep and cattle	150 000 Lt	=	ALL YEAR AROUND	July – December
05-04-00050	Oxfendazole 2. 5 % (suspension) or Al – Bendazole 2.5 %	Treatment of worm in sheep and cattle	50 000 lt	=	ALL YEAR AROUND	July – December
05-04-00051	General tonic injection contain Vit A, D3, E , C , B1 , B2 , B12 , K , Calcium pantothenate , phosphorus , Mag. , Iron , Copper , Cobalt , Nicotineamide , Choline and other essential elements.	Treatment of vitamin deficiency in ruminants	10 000 bottle x 100 c.c.	=	ALL YEAR ROUND	July – December
05-04-00052	Neomycin Sulphate + pectine + Vit. A	Treatment of diseases in ruminants	5 000 kg	=	ALL YEAR ROUND	July – December
05-04-00053	Treatment for mastitis containing following antibiotics alone or as combination :- a- Kanamycin b- Pencillin + Streptomycin c- Cephaloxin	Treatments of mastitis in ruminants	70 000 pack x 4 tube	=	ALL YEAR ROUND	July – December
05-04-00054	Antiseptic and anti – inflammatory ointment for the udder contain :- - Comphar 3 gm - Salicylic acid 3.6 gm - Ichthaino 6 gm - Belladonna extract 3 gm	Treatment of Udder in cattle and sheep	30 000 tube of 60 gm		ALL YEAR AROUND	July – December
05-04-00055	Treatment for tampany and bloat contain :- - Silicone methyle . - Trypentile oil . - Yansone oil . - Or light liquid paraffin alone	Treatment of tempany and bloat in ruminants	40 000 bottle x 100 ml	=	ALL YEAR ROUND	July – December
05-04-00056	Metamisole 50 % inj .	Treatment of fever in ruminants	50 000 bott of 100 cc		ALL YEAR AROUND	July – December
05-04-00057	Amoxicillin 15% inj.	Treatment of diseases in ruminant	15 000 bottle x 100 c.c.	=	ALL YEAR ROUND	July – December
05-04-00058	Gentamycin 4% inj.	=	20 000 bottle x 100 c.c.	=	ALL YEAR ROUND	July – December

05-04-00059	Erythromycin 20% inj	=	10 000 bott of 100 cc	=	ALL YEAR AROUND	July – December
05-04-00060	Ampicillin + Colistin inj Each 1 ml contain Ampicillin trihydrate 100 mg Colistin Sodium Methansulphonate 250 000 IU	=	10 000 bottle x 100 c.c.	=	ALL YEAR ROUND	July – December
05-04-00061	Procaine Benzyl penicillin 200 000 IU dihydrostreptomycine (Sulphate) 200 mg . Dexamethasone (21 – Sodiumphosphate 500 mcg inj suspension	=	40 000 bott of 100 cc	=	ALL YEAR AROUND	July – December
05-04-00062	Long acting penicillin inj . suspension Each 1 ml contain Procaine penicillin G 150 000 IU Benzathaine penicillin G 150 000 IU	=	25 000 bott of 100 cc	=	ALL YEAR AROUND	July – December
05-04-00063	Enrofloxacin 5% inj Each 1 ml contain 5 mg Enrofloxacin	=	15 000 bottle x 50c.c.	=	ALL YEAR ROUND	July – December
05-04-00064	Trimethoprim + sulphamethoxazole inj. Each 1 ml contain Trimethoprim 40 mg Sulphamethoxazole 200 mg	=	20 000 bottle x 100 c.c.	=	ALL YEAR ROUND	July – December
05-04-00065	Lincomycin and spectinomycin Each 1 ml contain Lincomycin 50mg as a base Spectinomycin 100 mg as a base	=	10 000 bott of 100 cc	=	ALL YEAR AROUND	July – December
05-04-00066	Vitamin AD3E Each 1 ml contain : - Vit A : 15 000 000 I. U. - Vit D3 : 2 250 000 I.U. - Vit E : gm	Treatments of vitamin deficiency in ruminant	80 000 kg	=	ALL YEAR ROUND	July – December
05-04-00067	Diuretic inj. (furosemide) Each 1 ml contain 56.82 mg furosemide 2.2 - iminodiethanol salt equivalent to mg furosemide and 0.234 mg meprobamate – Y – picolinium chloride	Increase urine excretion in a no. of clinical conditions	6 000 bottle x 50 c.c.	=	ALL YEAR ROUND	July – December

05-04-00068	Ivermectin 1 % inj	Treatment of ecto and endo parasite	20 000 bott of 50 cc	=	ALL YEAR AROUND	July – December
05-04-00069	Diminazene Aceturate Each dose contain 1.5 gm Diminazene Aceturate	Treatment of babesiosis in ruminants	10 000 sachates x 1 dose	=	ALL YEAR ROUND	July – December
05-04-00070	Parvaguone 5 % inj	Treatment of theilerialiosis in ruminant	8 000 bottle x 50 c.c.	=	ALL YEAR ROUND	July – December
05-04-00071	Wound spray Each 1 gm contain Oxytetracycline hydrochloride 40 mg Gention Violet 4 mg	Treatment of wounds Food rot	10 000 bottle	=	ALL YEAR ROUND	July – December
05-04-00072	Fly insecticide	Fly control in animal farms	20 000 kg	Animal concentrations and farms in 15 Governorates	ALL YEAR ROUND	July – December
05-04-00073	Synthetic pyrethroid pouron formula	Treatment of ecto parasite in cattle	30 000 bott of 500 cc	=	ALL YEAR AROUND	July – December
05-04-00074	Intrauterine foam Each 13.4 gm contain Rifximin 0.10 gm	Treatment of Turin infection	5 000 can	=	ALL YEAR AROUND	July – December
05-04-00075	Intrauterine suppositories contain different antibiotics	Treatment of Turin infection	10 000 role	=	ALL YEAR AROUND	July – December
05-04-00076	Rodent poison	Rat control in animal farms	200 000 sachet of 25 gm	=	ALL YEAR AROUND	July – De
05-04-00077	Niclosamide tab. Each tablet contain 200 mg Niclosamide	Treatment of internal parasites	15 000 tab.	Sheep and cattle concentrations in the 15 Governorates	ALL YEAR ROUND	July – December

D - Instruments and spare parts / Equipment .

Time frame						
Code	Item Description and its complementary items (if applicable)	Intended Use and (targeted end user)	Qty. in unit	Allocation Criteria	Field Application	optimal delivery
05-04-00078	Carcass brander .	For stamping inspected meat	1000	According to number of slaughter houses	ALL YEAR ROUND	July – December
05-04-00079	Stamp ink ; different colours.	=	5000	=	ALL YEAR ROUND	July – December
05-04-00080	50 ml automatic vaccination syringe	Herd vaccination	2000	Animal population / number of vet. Facilities	ALL YEAR ROUND	July – December
05-04-00081	Automatic syringe for sheep pox vaccination (Tuberculin Auto Syringe).	For vaccination against sheep pox	2000	=	ALL YEAR ROUND	July – December
05-04-00082	Needles , Schmmel (Intradermal syringes + adaptor) . (1 per Dozen) .	For internal animal surgery	500 Dozen	=	ALL YEAR ROUND	July – December
05-04-00083	Drenching syringe graduated from 5-30 ml with connecting tube .	To drench animals for endo-parasite treatment	1500 pc.	=	ALL YEAR ROUND	July – December
05-04-00084	Scissors surgical , Blunt point , straight .	In animals surgical operations	1500 pc.	=	ALL YEAR ROUND	July – December
05-04-00085	Artery forceps 16 cm “ pean 2 or L Rochesters pean “.	=	1500 pc.	=	ALL YEAR ROUND	July – December
05-04-00086	Teat Knife + teat dilator + teat syphone for Cow .	Mastitis control	750 pc.	=	ALL YEAR ROUND	July – December
05-04-00087	Teat Knife + teat dilator + teat syphone for Ewe .	=	750 pc.	=	ALL YEAR ROUND	July – December

05-04-00088	Cool box 2 lit.	Field vaccination transport	1500 pc.	=	ALL YEAR ROUND	July – December
05-04-00089	Cool box 4 lit.	=	1500 pc.	=	ALL YEAR ROUND	July – December
05-04-00090	Rumenotomy kit (syringe) .	Surgical operations of the rumen	200 pc .	=	ALL YEAR ROUND	July – December
05-04-00091	Egg incubator (100 eggs)	Diagnostic purposes in vet. facilities	5 pc		ALL YEAR ROUND	July – December
05-04-00092	Scissors 16 cm, surgical , blunt curved .	minor surgical operations in animals	1500 pc.	=	ALL YEAR ROUND	July – December
05-04-00093	Scalpel handel No. 4 .	=	1500 pc.	=	ALL YEAR ROUND	July – December
05-04-00094	Scalpel blades for handle No. 4 .	=	1500 pc.	=	ALL YEAR ROUND	July – December
05-04-00095	Suture needle , triangle cut curved .	Surgical operations	3000 pc.	=	ALL YEAR ROUND	July – December
05-04-00096	Gerlech needle for Cow – Ewe .	Treatment of Uterine and vaginal prolapsed	1500 pc.	=	ALL YEAR ROUND	July – December
05-04-00097	Needle holder , surgery , Medium size .	Minor surgical operations	1500 pc.	=	ALL YEAR ROUND	July – December
05-04-00098	Cat gut chromatic , suture in different size disp. bti.	=	1500 pc.	=	ALL YEAR ROUND	July – December
05-04-00099	Silk , suture different size disp. bti.	=	1500 pc.	=	ALL YEAR ROUND	July – December
05-04-00100	Microtitration plate 96 wells (strile)	For Lab. Uses	10000 pc	=	ALL YEAR ROUND	July – December
05-04-00101	Microtitration plate 24 wells (strile)	For Lab. Uses	2000 pc.	=	ALL YEAR ROUND	July – December
05-04-00102	Screw Capped tube	For Lab. Uses	50 000 pc		ALL YEAR AROUND	July – December

05-04-00103	Veterinary Post – Mortem Set	Post mortem operations in large animals	300 pc	=	ALL YEAR ROUND	July – December
05-04-00104	Bacteriology microscope slides and cover slip.	Diagnostic purposes in vet. Facilities	5000 pc.	=	ALL YEAR ROUND	July – December
05-04-00105	Burdizzo castrator	Animal castration	300 pc.	=	ALL YEAR ROUND	July – December
05-04-00106	Complex microscope	Diagnostic purposes in vet. Facilities	50pc		ALL YEAR AROUND	July – December
05-04-00107	Venoject tubes: - 10 ml plain. - 10 ml EDTA - 5 ml heparin	For the collection of animal blood samples	100000 for each	=	ALL YEAR ROUND	July – December
05-04-00108	Vulva suture needles	Minor animal surgical operations	500	=	ALL YEAR ROUND	July – December
05-04-00109	Petre dishes different size	For Lab. Uses	10000 pc	=	ALL YEAR ROUND	July – December
05-04-00110	Hoof Knife	For hoof treatment	300	=	ALL YEAR ROUND	July – December
05-04-00111	Head lamp zoom	Surgery illumination	300	=	ALL YEAR ROUND	July – December
05-04-00112	Disposable syringe with needle(1, 2 , 5 , 10 & 20) ml.	Sub-cutaneous intramuscular injections	300000 for each	=	ALL YEAR ROUND	July – December
05-04-00113	Prolapse pins with wooden balls (size 40 , 50 , & 60).	Treatment of uterine and vaginal prolapse in domestic animals	1500 for each	=	ALL YEAR ROUND	July – December
05-04-00114	Fin pipettes different size	For Lab. uses	100 pc		ALL YEAR AROUND	July – December
05-04-00115	Vet. Needles (Stainless steel standard quality) different size (intradermal , intramuscular & intravenous) .	Animal vaccination and treatment	1500 dozen for each	=	ALL YEAR ROUND	July – December

05-04-00116	Aliss forceps (4 x 5 teeth stainless steel size 14 cm).	For artificial insemination livestock	1000	=	ALL YEAR ROUND	July – December
05-04-00117	Universal tubes	For lab. Uses	10000	=	ALL YEAR ROUND	July – December
05-04-00118	Forceps (Stainless steel standard quality) a- Surgical forceps 13 cm. b- Anatomical 13 cm . c- Anatomical curved 13 cm.	For minor surgical operations in animals	4500 for each	=	ALL YEAR ROUND	July – December
05-04-00119	Tissue culture flask (25 , 500 ml)	For Lab. Uses	5000pc		ALL YEAR ROUND	July – December
05-04-00120	Water Stills	Lab. Distilled water production	20	=	ALL YEAR ROUND	July – December
05-04-00121	Deionizers	Lab. Deionized water production	5	=	ALL YEAR ROUND	July – December
05-04-00122	Autoanalyzer	Quality Control of imported Vet - Drugs.	1	=	ALL YEAR ROUND	July – December
05-04-00123	High pressure liquid chromatography (HPIC)	Quality Control of imported Vet - Drugs.	1	Quality control Dept /Ministry of Agric.	ALL YEAR ROUND	July – December
05-04-00124	infra - red spectroscopy	Quality Control of imported Vet - Drugs.	1	Quality control Dept /Ministry of Agric.	ALL YEAR ROUND	July – December
05-04-00125	Autotirater	Quality Control of imported Vet - Drugs.	2	Quality control Dept /Ministry of Agric.	ALL YEAR AROUND	July – December
05-04-00126	Cooled incubator 9 ++ cubic	Quality Control of imported Vet - Drugs.	25	=	ALL YEAR AROUND	July – December
05-04-00127	Water bath	Quality Control of imported Vet - Drugs.	25	=	ALL YEAR AROUND	July – December
05-04-00128	Digital balance	Quality Control of imported Vet - Drugs.	25	=	ALL YEAR AROUND	July – December

05-04-00129	PH meter	Quality Control of imported Vet - Drugs.	25	=	ALL YEAR AROUND	July – December
05-04-00130	Oven	Quality Control of imported Vet - Drugs.	25	=	ALL YEAR AROUND	July – December
05-04-00131	Ordinary incubator	Quality Control of imported Vet - Drugs.	25	=	ALL YEAR ROUND	July – December
05-04-00132	Gas chromatography	For vet. drug analysis	1	Quality Control lab	ALL YEAR ROUND	July – December
05-04-00133	Melting point apparatus	For vet. drug analysis	1	Quality Control lab	ALL YEAR ROUND	July – December
05-04-00134	Inverted microscope	For diagnostic uses	5	Quality Control lab , diagnostic lab. , brucella project , rinderpest project , heamorahgic fever lab.	ALL YEAR ROUND	July – December
05-04-00135	Phase contrast microscope	for quality control lab	1	For quality control lab	ALL YEAR ROUND	July – December

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

05-04-00136	Thermostat	Thermostat mixing valve	15	To rehabilitate the main fish hatchery in WASIT	February	December
05-04-00137	Water pump	Heating circulating pump	4	To rehabilitate the main fish hatchery in WASIT	February	December
05-04-00138	Nozzle	Nozzle for burner	12	To rehabilitate the main fish hatchery in WASIT	February	December
05-04-00139	Anaesthetic	Fish anaesthetic brand (MS222)	10 Ltr.	To be used in the main fish hatchery in WASIT for propagation	February	December
05-04	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	December
05-04-00141	Plankton net	For fish finger growing in ponds	50 net	To be used in the main fish hatchery in WASIT for propagation	February	December
05-04-00142	Rubber suites	Rubber overall suites with boots size M & L	100	To be used in the main fish hatchery in WASIT for propagation	February	December
05-04-00143	Fishing nets	Different sizes for sea & fresh water fisherman	25000 pcs	To be distributed to the fisherman in 15 governorates	All year round	July – December
05-04-00144	Fishing net less	Suitable For fish ponds operations	1000	To be used by fish ponds owners and fish hatchery owners	All year round	July – December
05-04-00145	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	December
05-04-00146	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	September
05-04-00147	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	November

05-04-00148	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	November
05-04-00149	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	November
05-04-00150	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	November

F - Rehabilitation of the main center for Artificial insemination and centers for AI services :

05-04-00151	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	November
05-04-00152	Digital Photometer	For semen evaluation with accessories	1	To be used in the main IA center	All year round	November
05-04-00153	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	November
05-04-00154	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	November
05-04-00155	Liquid nitrogen containers	Capacity 37 Ltr.	50	To be used by IA services in governorates	All year round	November
05-04-00156	Liquid nitrogen containers	Capacity 7 Ltr.	100	To be used by IA services in governorates	All year round	November

05-04-00157	Universal syringe	0.25 ml	150	To be used by IA services in governorates	All year round	November
05-04-00158	Protecting jacket for AI gun		100	To be used by IA services in governorates	All year round	November
05-04-00159	Universal sheet	0.25 ml	200000	To be used by IA services in governorates	All year round	November
05-04-00160	Five finger plastic gloves	Each box contains 100 gloves	2500 box	To be used by IA services in governorates	All year round	November
05-04-00161	Standard goblets	For stew storage	500	To be used by IA services in governorates	All year round	November
05-04-00162	Prozolin (hormone)	10 cc vial	2000 vial	To be used by IA services in governorates	All year round	November
05-04-00163	Chorolion (hormone)	Five x five package	1000 pack.	To be used by IA services in governorates	All year round	November
05-04-00164	Fertagel (hormone)	10 cc vial	2000 vial	To be used by IA services in governorates	All year round	November
05-04-00165	Progesterone (hormone)	10 cc vial	1000 vial	To be used by IA services in governorates	All year round	November
05-04-00166	Estradiol (hormone)	10 cc vial	1000 vial	To be used by IA services in governorates	All year round	November

G - Spare parts for milking machine and breeders requirements :

05-04-00167	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	Sep. – Dec.
05-04-00168	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	Sep. – Dec.
05-04-00169	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	Sep. – Dec.
05-04-00170	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	Sep. – Dec.
05-04-00171	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	Sep. – Dec.
05-04-00172	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	Sep. – Dec.
05-04-00173	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	Sep. – Dec.
05-04-00174	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	Sep. – Dec.
05-04-00175	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	Sep. – Dec.
05-04-00176	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	Sep. – Dec.
05-04-00177	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	Sep. – Dec.

05-04-00178	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	Sep. – Dec.
05-04-00179	Portable milking machine	For small breeders	100	To be distributed to the small breeders in governorates	All year round	Sep. – Dec.
05-04-00180	Milk container	Capacity 50 kg	10000	To be distributed to the small breeders in governorates	All year round	Sep. – Dec.