

		Company Name:		Document No: OF/TM/ HO-01
		የኢትዮጵያ መድሃኒት ትላቅራቢ ኤጀንሲ		
		Ethiopian Pharmaceuticals Supply Agency		
Title:				Effective date : 121/01/2022
Procurement Notice Request for Bids Health Goods(Procurement of Chemical Purity & Potency Equipment)				Rev. No.: 1
Source of Fund:		World Bank		
ICB Tender No.		RFB No: ET-MOH-241033-GO-RFB		
S/ N	Item description	Unit	Quantity	Remark
<b>LOT-1 General chemicals</b>				
1	<i>N,N</i> -Diethyl- <i>m</i> -toluamide analytical standard of 250 mg	vial	5	
2	1-Chloro-4-nitrobenzene 99% of 100g	Bottle	4	
3	1-Hexanesulfonic acid sodium salt ACS Reagent, > 99.5% of 500g	Bottle	5	
4	1-Propanol, AR 99.5% of 1000ml	Bottle	5	
5	2-Aminoheptane 99% of 100g	Bottle	2	
6	2,6-Dichloroquinone-4-chloroimide for spectrophotometric det. of vitamin B6, ≥99.0% of 500g	Bottle	1	
7	2-Propanol, HPLC grade, 99.9% of 2.5L	Bottle	10	
8	Acetonitrile, HPLC grade 99.9% of 2.5L	Bottle	200	
9	Acetophenone puriss. p.a., ≥99.0% of 250ml	Bottle	2	
10	Acid blue 92,, AR 40%	bottle	2	
11	Aluminum sulphate Hexadecahydrate, AR ≥98% of 1kg	Bottle	3	
12	Ammonium acetate for analysis ACS, Reagent. Ph Eur ≥98% of 1kg	Bottle	3	
13	Ammonium nitrate ACS reagent, ≥98% of 500g	Bottle	4	
14	Ammonium thiocyanate ACS reagent, ≥97.5% of 500g	Bottle	4	
15	Arsenic(III) oxide ACS reagent 99.95%	Bottle	2	

16	Barium chloride 99.9% trace metals basis of 250g	Bottle	2	
17	4-Chloro-1-butanol technical grade, ~85% of 250ml	Bottle	2	
18	Chloroform analytical grade 99.8% of 1L	Bottle	8	
19	Aluminum sulphate Hexadecahydrate, AR of 1kg	Bottle	3	
20	Cobalt (II) Chloride 97% of 500g	Bottle	2	
21	Cobalt (II) nitrate hexahydrate ACS reagent, ≥98% of 500g	Bottle	2	
22	Dicyclohexylamine 99%	Bottle	2	
23	Diethyl phthalate ≥99% of 1kg	Bottle	2	
24	Digoxigenin analytical standard of 100mg	Bottle	2	
25	Dimethyl phthalate ≥99% of 1kg	Bottle	2	
26	Di-Sodium Hydrogen Orthophosphate, Anhydrous (>99.5%) of 1kg	Bottle	5	
27	Formic acid A reagent grade >95.0% of 500ml	Bottle	10	
28	Ethyl alcohol, Pure ACS Spectrophotometric grade, 95.0% of 1L	Bottle	15	
29	Hexane for HPLC, ≥97.0% of 1L	Bottle	5	
30	Holmium (III) oxide ≥99.9% (rare earth content, expressed as Ho <sub>2</sub> O <sub>3</sub> of 50g	Bottle	6	
31	Holmium perchlorate solution 10%, AG	Bottle	5	
32	Hydrochloric acid, 37%, ACS Reagent, bottle of 1 liters	Bottle	10	
33	Karl Fischer Reagent Single Solution Pyridine Free 2mg/ML, max. 0.01% H <sub>2</sub> O Aquastar™ of 1L	Bottle	4	
34	Lithium chloride for analysis ACS, Reagent. Ph Eur of 100g	Bottle	2	
35	Methanol 2.5 L HPLC grade 99.99%	Bottle	200	
36	Naphthalene - 99% of 25g	Bottle	4	
37	Perchloric acid ACS reagent, 60% of 1L	Bottle	10	
38	Phenol GR for analysis ACS, Reagent ≥99% of 250g	Bottle	6	
39	Phosphoric Acid, 1L, AG 99% of 1L	Bottle	4	
40	Decaethylene glycol monododecyl ethernonionic surfactant of 1kg	Bottle	2	
41	Potassium bromide FT-IR grade, ≥99% trace metals basis of 100g	Bottle	3	
42	Potassium Dichromate, Crystal 500g, AG of 500g	Bottle	4	

43	Potassium Iodate ACS reagent, 99.5% of 500g	Bottle	4	
44	Potassium Phosphate, Monobasic, Crystal 2.5kg , AG	Bottle	10	
45	Potassium Phosphate, Dibasic, AG of 1kg	Bottle	4	
46	Silver nitrate ACS reagent, ≥99.0% of 500g	Bottle	3	
47	Sodium barbital , Pack of 100g, AG	Bottle	5	
48	Sodium acetate anhydrous for analysis , pack of 1kg	Bottle	5	
49	Sodium Dihydrogen Orthophosphate, AG pack of 500g	Bottle	6	
50	Sodium hydroxide, Pellets AG Assay :95-100.5 % pack of 1kg	Bottle	7	
51	Sodium Nitrite ACS reagent, ≥97.0% pack of 1kg	Bottle	3	
52	Sodium Oxalate, AG pack of 500g	Bottle	4	
53	Sodium Phosphate, Tribasic, 12-Hydrate AG pack of 1 kg	Bottle	2	
54	Sodium Thiosulfate, 5-Hydrate, Crystal, AG pack of 500 gm	Bottle	5	
55	Talc powder, 10 µm	Bottle	10	
56	tert-Butanol for analysis ACS, Reagent. Ph Eur of 500ml	Bottle	5	
57	Tetrahydrofuran HPLC grade (Contains No Preservative Meets ACS Specifications of 1L For Use in Liquid Chromatography and Spectrophotometry)	Bottle	4	
58	Thymidine ≥99% pack of 25g	Bottle	2	
59	Toluene, HPLC Grade, (Toluol), Meets ACS Specifications Assay (C <sub>6</sub> H <sub>5</sub> CH <sub>3</sub> ) (by GC), amber glass bottle of 1L	Bottle	2	
60	Triethylamine ≥99% of 500ml	Bottle	5	
61	Uracil, >99% of 100g	Bottle	3	
62	Water standard 1% of 40ml	Ampoule	40	
63	Sodium hydroxide solution, 0.1N 0.1 M solution bacteria free (<1 Bacteria (CFU/ml)), pyrogen free (<0.03 Endotoxin (EU/ml)), RNase-free (< 0.01 ng/mL) and DNase-free (< 4 pg/µL) of 500ml Purity ≥98.0%	bottle	5	
64	Hydrochloric acid solution, 0.1N, endotoxin free of 100ml	bottle	7	
65	LAL Reagent Water Endotoxin-free water (<0.001EU/ml) Derived from water for injection, USP Non-LAL reactive	bottle	100	

66	Sodium thiosulfate pentahydrate; assay ≥99% ,	bottle	5	
67	LC/MS Grade Methanol	Amber bottle	20	
	Assay Percent Range Assay: ≥99.9% by GC)			
	ü Absorbance : ≤0.005 AU at 260nm, ≤0.005 AU at 280nm, ≤0.01 AU -			
	at 254nm, ≤0.1 AU at 230nm, ≤0.2 AU at 220nm, ≤0.4 AU at 214nm, ≤0.5 AU at 210nm of 1L			
68	LC/MS Grade Acetonitrile	Amber bottle	20	
	ü Impurities: ≤10ppb (Ionic, Potassium)			
	ü LCMS Gradient Suitability: ≤2 mAU - PDA (200-400nm)			
	ü >99.9% of 1L			
69	LC/MS grade Formic acid (99.0+ %) of 1ml	Amber apoul/vial	120	
70	LC/MS grade water of 1L	Bottle	80	
	ü Resistivity: >18 megohms(mΩ)at a25°C			
	ü Refractive Index: 1.34			
	ü Chloride: <1ppb			
71	Hyoscine butylbromide BCRS of 200mg	Vial	8	
72	Endotoxin Reference Standard of 5.2ml, Soluble powder of Amoebocyte Lysate having sensitivity of 0.125Eu/ml USP/ Better, * Part No E194-125, It should be free of G factor, * Have at least 3 years of expiry date at the time of delivery	vial	10	
73	Control Standard Endotoxin of 5m * Endotoxin derived from E. Coli UKT-B USP/ Better * 5.0ml/ vial  * Part No 7369 * Reconstituted CSE can be stored at 2-10°C for 1 month * Have at least 3 years of expiry date at the time of delivery	vial	10	
74	Sodium hydroxide solution, 0.1N Purity ≥98.0% of 1L * 100ml, 0.1 M solution bacteria free (<1 Bacteria (CFU/ml)), pyrogen free (<0.03 Endotoxin (EU/ml)), RNase-free (< 0.01 ng/mL) and DNase-free (< 4 pg/μL)	bottle	4	

75	Hydrochloric acid solution, 0.1N of 1L * Endotoxin free * PH<1 (20 °C in H2O) * Formliquid * Density 1.02 g/cm3 at 20 °C	bottle	4	
Sub-total				
<b>LOT 2 -Microbiology medias</b>				
76	Fluid Thioglycollate medium of 500g	Plastic Bottle	50	
77	Sabouraud Dextrose Broth of 500g	Bottle	10	
78	Selenite F Broth of 500g	Bottle	10	
79	Bismuth Sulphite agar of 500g	Bottle	10	
80	MacConkey Broth of 500g	Bottle	10	
81	MacConkey Agar of 500g	Bottle	10	
82	Cetrimide Agar of 500g	Bottle	10	
83	Plate count Agar of 500g	Bottle	10	
84	Nutrient Agar of 500g	Bottle	10	
85	Nutrient Broth of 500g	Bottle	10	
86	Egg yolk potassium tellurite emulsion of 100ml	Bottle	10	
87	Peptone Water of 500g	Bottle	10	
88	Mannitol Salt Agar of 500g	Bottle	10	
89	Polysorbate 80 of 500ml	Bottle	10	
90	Isopropyl myristate of 500ml	Bottle	10	
91	Glycine of 500ml	Bottle	10	
92	Lecithin of 500g	Bottle	10	
93	Soybean–Casein Digest Broth of 500g	Bottle	30	
94	Buffered Peptone Water of 500g	Bottle	10	
95	Vogel-Johnson Agar Medium of 500g	Bottle	10	
96	Pseudomonas agar for detection of fluoresceine of 500g	Bottle	10	
97	Pseudomonas agar for detection of Pyocyanine of 500g	Bottle	10	
98	Triple Sugar- iron agar of 500g	Bottle	10	
99	Lactose broth of 500g	Bottle	10	
100	Selenite–Cystine Medium of 500g	Bottle	10	
101	Tetrathionate Medium of 500g	Bottle	10	
102	Xylose Lysine–Desoxycholate (XLD) Agar of 500g	Bottle	10	
103	Levine Eosin-Methylene Blue Agar Medium of 500g	Bottle	10	
104	LJ Medium of 500g	Bottle	10	
Sub-total				
<b>Lot 3 Control strain</b>				
	<b>*Staphylococcus aureus</b>		2	

105	· Staphylococcus aureus ATCC 6538 or	Vial of each	
	· Staphylococcus aureus NCIMB 9518 or		
	· Staphylococcus aureus CIP 4.83 or		
	· Staphylococcus aureus NBRC 13276		
106	<b>*Pseudomonas aeruginosa 02 each</b>		
	· Pseudomonas aeruginosa ATCC 9027 or		
	· Pseudomonas aeruginosa NCIMB 8626 or		
	· Pseudomonas aeruginosa CIP 82.118 or		
	· Pseudomonas aeruginosa NBRC 13275		
107	<b>*Escherichia coli 02 each</b>		
	· Escherichia coli ATCC 9027 or		
	· Escherichia coli NCIMB 8626 or		
	· Escherichia coli CIP 82.118 or		
108	· Escherichia coli NBRC 13275		
	<b>*Salmonella enterica subsp. Enterica serovar</b>		
	Typhimurium or, as an alternative		
109	· Salmonella enterica subsp. Enterica serovar		
	Typhimurium or, as an alternative ATCC 14028		
	<b>*Salmonella enterica subsp. enterica serovar Abony</b>		
110	· Salmonella enterica subsp. enterica serovar Abony NBRC 100797 or		
	Salmonella enterica subsp. enterica serovar Abony NCTC 6017 or		
	Salmonella enterica subsp. enterica serovar Abony CIP 80.39		
	<b>*Bacillus Subtilis 02 each</b>		
111	· Bacillus Subtilis ATCC 9027 or		
	· Bacillus Subtilis NCIMB 8626 or		
	· Bacillus Subtilis CIP 82.118 or		
	· Bacillus Subtilis NBRC 13275		
111	<b>*Candida albicans 02 each</b>		
	· Candida albicans ATCC 10231 or		

	· Candida albicansNCPF 3179 or			
	· Candida albicansIP48.72 or			
	· Candida albicansNBRC 1594			
11 2	<b>*Aspergillus Niger02 each</b>			
	· Aspergillus Niger ATCC 10231or			
	· Aspergillus Niger NCPF 3179 or			
	· Aspergillus Niger IP 48.72 or			
	· Aspergillus Niger NBRC 1594			
Sub-total				
<b>LOT 4 Supplies and Micropipettes</b>				
11 3	Gridded cellulose Nitrate Membrane Filter paper of 0.45μ	100/p ack	50	
11 4	Gridded cellulose acetate Membrane Filter paper of 0.45μ	100/p ack	50	
11 5	Plane cellulose Nitrate Membrane Filter paper of 0.45μ	100/p ack	50	
11 6	Plane cellulose acetate Membrane Filter paper of 0.45μ	100/p ack	50	
11 7	Membrane Filter paper of 0.22μ	100/p ack	50	
11 8	Membrane Filter paper of 0.22μ	100/p ack	50	
11 9	Coverall isolation gown of a pack	50/pac k	1000	
12 0	Coverall isolation gown of a pack	50/pac k	1000	
12 1	Petri dish for Automation of 95mm x 15mm	10/pac k	1000	
12 2	Petri dish of a pack	100/p ack	100	
12 3	Media storage bottle, pack of 100ml	20/pac k	100	
12 4	Wide-mouth Media bottle of a pack of 250 ml	10/pac k	50	
12 5	Wide-mouth Media bottle with a pack of 500 ml	10/pac k	25	
12 6	Disposable Shoe cover of a pack	100/p ack	1000	
12 7	Head cover of a pack	100/p ack	1000	
12 8	Face mask of a pack	50/pac k	1000	
12 9	Petri dish basket	each	15	
13 0	Rack for Petri dish dispenser	each	10	
13 1	Test tube rack of 20ml	each	10	
13 2	Test tube rack of 50ml	each	10	
13 3	Automatic Glassware Washer	1/pack	2	

134	Micro pipette tip of a pack size, 0.5-10µl	96/pack	10	
135	Micro pipette tip of a pack size, 2-20µl	96/pack	10	
136	Micro pipette tip of a pack size, 10-100µl	96/pack	10	
137	weighing dishes of a pack	500/pack	50	
138	Heavy duty bandage scissor of a pack	10/pack	10	
139	Laboratory forceps of a pack	10/pack	10	
140	Laboratory scissors of a pack	10/pack	10	
141	Washable Coveralls of a pack	50/pack	1000	
142	Micropipette of 0.5-10 µL	1/pack	15	
143	Micropipette of 2-20 µL	1/pack	15	
144	Micropipette of 10-100 µL	1/pack	15	
145	Micropipette of 100-1000 µL	1/pack	15	
146	Parafilm of a pack	10/pack	10	
147	Aspirator Bottles, Rigid polyethylene	1/pack	10	
148	Medical Safety Box 5L (Biosafety box)	25/pack	50	
149	Pedal Waste bin	1/pcs	25	
150	Medical Waste Bags of a pack	200/pack	20	
151	Lab Safety Signs	1/pack	4pack	
152	Multichannel Micropipette, 8. size, 30 300µl	Each	2	
153	Multichannel Micropipette, 12. size, 30 300µl	Each	2	
154	Single Channel Variable Volume Micropipette, size, 0.5-10µl	Each	6	
155	Single Channel Variable Volume Micropipette, 20-200µl	Each	6	
156	Single Channel Variable Volume Micropipette, 10-100µl	Each	6	
157	Single Channel Variable Volume Micropipette, 100-1000µl	Each	2	
158	Single Channel Variable Volume Micropipette, 2-20µl	Each	10	
159	Single Channel Variable Volume Micropipette, 1-10µl	Each	4	
160	Single Channel Fixed Volume Micropipette, 5µl	Each	2	



16 1	Single Channel Fixed Volume Micropipette, 250µl	Each	2	
16 2	Single Channel Fixed Volume Micropipette, 1000µl	Each	2	
16 3	Pyrogen-free Automatic Micropipette increment of 0.1µl to 10 µl	Each	10	
16 4	Pyrogen-free Automatic Micropipette increment of 2µl to 20 µl	Each	10	
16 5	Pyrogen-free Automatic Micropipette increment of 10µl to 100 µl	Each	10	
16 6	Endotoxin free pipette tip (<0.005EU/tip) of 10ul	4 tips /bag	5000	
16 7	Endotoxin free pipette tip (<0.005EU/tip) of 20ul	4 tips /bag	5000	
16 8	Endotoxin free pipette tip (<0.005EU/tip) of 50ul	4 tips /bag	5000	
16 9	Endotoxin free pipette tip 100ul	4 tips /bag	5000	
17 0	Endotoxin free pipette tip (<0.005EU/tip) of 200ul	4 tips /bag	5000	
17 1	Endotoxin free pipette tip(<0.005EU/tip) of 500ul	4 tips /bag	5000	
17 2	Endotoxin free pipette tip(<0.005EU/tip) of a pack	4 tips /bag	5000	
17 3	Endotoxin free reaction tube for bacterial endotoxin test (<0.001EU/tube) of 10 x 75mm	50 /pack	50	
17 4	Endotoxin free dilution tubes for bacterial endotoxin test of a pack	50 /pack	50	
17 5	Ultra High Pure 99.9999 % Argon gas filled cylinder	Each	5	
17 6	Ultra High Pure 99.9999 % Nitrogen gas filled cylinder	Each	2	
17 7	Ultra High Pure 99.9999 % Helium gas filled cylinder	Each	2	
Sub-total				

**Tender issued on**

**March 29,2023**

**Tender Closing Date**

**May 12, 2023, at 2:00 PM after noon**

**Tender Opening Date**

**May 12, 2023, at 2:30 PM after noon**

እባክዎ በዚህ ሰነድ ከመጠቀምዎ በፊት ትክክለኛ መሆኑን ያረጋግጡ

Make sure that this is the correct issue before use

OF for Winner list OF/TM/HO-15, 1.21/01/2022

