



بتمويل من
الإتحاد الأوروبي



Project Strengthening Institutional and Economic Resilience in Yemen (SIERY)

مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

**BOQs for Supply and Operation of Modern Medical Examination
Equipment, Along with Laboratory solutions, for 4 Health Centers in Al-
Shikhothman District, Aden Governorate.**

جدول الكميات والمواصفات لتوريد وتشغيل أجهزة الفحص الطبي الحديثة مع المحاليل المخبرية لعدد 4
مراكز صحية في مديرية الشيخ عثمان - محافظة عدن



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تعليمات هامة:

الآخوة الموردين ومتخصصي التوريدات الطبية مرفق لكم المناقصة التالية والتي تحوي توريدات طبية مختلفة مقسمة بحسب التخصص (جداول كميات لتوريد معدات الاسنان، وجداول خاصة بتوريد أجهزة طبية للعيادات، وجداول خاصة بتوريدات معدات المختبرات والمحاليل الطبية) ننصح ونطلب من جميع الموردين المؤهلين بالتقديم على الكل وتسعير جميع البنود مكتملة لجميع الجداول المرفقة، ولكن في حالة رغبة البعض فقط في التقديم على احدى التخصصات المذكورة فقط لكونه متخصص فقط في الاسنان على سبيل المثال او غيره ، فلا مانع من ذلك ولكن يشترط تسعير جميع البنود في التخصص المختار دون استثناء، ومن يخالف في ذلك فقد يعرض نفسه للخروج من المنافسة بموجب القانون"

يجب علي المقاول تقديم خطة تفصيلية لتنفيذ الاعمال مع مراعاة الفترة الزمنية باقل فترة ممكنة لتنفيذ الاعمال من خلال تكثيف فرص العمل وبما لا يخل بالجودة.

علي المقاول تقديم جميع الكتلوجات وصور ومواصفات المواد والمعدات التي سيقوم بتوريدها ورافاقها ضمن وثائق العطاء.

المقاول مسؤولاً عن تقديم دورة تدريبية تركز علي تشغيل ومعايرة الأجهزة الطبية وإدارتها، وتقديم خطة او جدول زمني للتدريب يشمل جميع المراكز.

يجب ان تكون المعدات الموردة من قبل مصنعين عالميين مشهورين وذات جودة عالية درجة أولى ومعايير معتمدة وشهادة اختبار من طرف ثالث مستقل ويجب أن يكون جميع المواد والمعدات مدعومة بكافة التفاصيل والبيانات الفنية وعلى المقاول احضار عينات قبل التوريد لاعتمادها من قبل المنظمة ولن تقبل أي مواد لم يتم اعتمادها مسبقاً.

المقاول مسؤول عن صيانة الأجهزة والمعدات الطبية لمدة عامين وتوفير قطع غيار لمدة ٥ سنوات، بما في ذلك عمل جدول زمني للزيارات الدورية و الصيانة الوقائية خلال عامين.

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Summary - الخلاصة

No	Item Name	الوحدة	الكمية	سعر الوحدة	إجمالي السعر \$
		Unit	Quantity	Unit Price \$	
1	Total cost for Medical Clinic Devices	LS	1		
2	Total cost for Laboratory Equipments	LS	1		
3	Total cost for Dental clinic equipment	LS	1		
4	Total cost for Laboratory solutions	LS	1		
Total Cost \$					



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Part (1) : Supplying and installing of a medical devices

اولاً: توريد وتركيب معدات واجهزة العيادات الطبية



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أولاً: جدول توزيع معدات واجهزة العيادات الطبية

No	Item Name	الوحدة	الكمية Qty				الكمية الكلية Total of Qty	سعر الوحدة Unit price USD	الاجمالي الكلي Total cost USD
			مجمع الشيخ عثمان الصحي	مجمع الكود العثمان الصحي	مركز عبدالقوي الصحي	مركز المحاريق الصحي			
1	Medical Clinic Devices	Unit	Sheikh Othman Health Center	Kod Al-Othmani Center	Abdul-Qawi Center	AlMahariq Health Center			
1.1	Portable Doppler Ultrasound System ,Diagnostic Machine	NO		1	1	1	3		
1.2	Power Storge Unite (PSU) Battery Bank (3KW to 5KW) For X-Ray	NO				1	1		
1.3	<p>Training Course on the Use of Medical Equipment: This item includes providing a comprehensive training course for all concerned employees, not exceeding 5 persons approved by the center's management in the medical center, on how to use the medical equipment to be provided to the center. Training Objectives: The training course will cover an introduction to the equipment and its purposes of use, how to set it up and operate it properly, and routine maintenance guidelines to ensure optimal operation. The course will also include teaching safety rules to avoid accidents and injuries, and providing instructions on how to deal with common problems and emergency malfunctions. An interactive session will be organized to allow employees to try the equipment under the supervision of a certified trainer. Training Content: Must be approved by the supervising engineer. Training Duration: The training duration is 5 hours, for 1 day. Trainers: Must be specialized in the field of medical laboratories, have experience in using laboratory equipment and tools, and excellent training skills. Meals: The supplier must provide a daily lunch for the trainees.</p>	L.S		1			1		
1.4	<p>Project Signboard : In number: Supply and installation of a metal Signboard in the name of the project in the dimensions shown in drawing and the price includes the following: - Digging soil depth of 60 cm for the two bases then the pouring of plain concrete and water treatment period required- Implementation of two concrete footings in dimation (50X50) cm and a depth of 40 cm of 0.8 m3 aggregate and 0.4m3 sand with 250 kg/m3 cement with water treatment and all necessary. - Galvanized Steel Pipe Plates 2.5", it is covered from above with a tight cover ,and at the bottom two metal bars with diameter of 16mm,30cm long , which are painted a resistant paint 3 faces,well bonded with two + shaped welds and are fixed at the bottom of the base before casting. - Supply and installation of metal sheets (sheets) Made of heavy black iron,1.5mm thick and distribution shown in the model With internal strengthening in the space so that no traces appear on the painting, and so that the pieces of the painting are welded from all sides so that no space (filled with putty) is left for rain water to enter. - Painting of writing boards and standing with a resistant paint 3 faces and then painting the writing boards With putty, foundation and fire paint in the specified color 3 faces to getting smooth surface with out any roughness. - Writing on the painting in clear script, distinctive writing and color specified in Arabic and English With fiery paint, and the writing is on two sides in white. - Install the Signboard in the appropriate place determined by the supervisor and the price includes the supply and installation and all necessary for it to work. The price include all works to finish this item according to drawings, specifications, the technical asset & workmanship, general & specific conditions and instructions of the supervisor engineer.</p>	No		1			1		
Total cost USD									



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Part (2) : Supplying and installing of a Laboratory Equipments

ثانياً: توريد وتركيب الادوات المختبرية

Project Strengthening Institutional and Economic Resilience in Yemen (SIERY)

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مشروع توريد وتشغيل أجهزة الفحص الطبي الحديثة مع المحاليل المخبرية لعدد 4 مراكز صحية في مديرية الشيخ عثمان - محافظة عدن

ثانياً: جدول توزيع الأدوات المختبرية

No	Item Name	الوحدة	الكمية Qty				الكمية الكلية Total of Qty	سعر الوحدة Unit price USD	الاجمالي الكلي Total cost USD
			مجمع الشيخ عثمان الصحي	مجمع الكود عثمان الصحي	مركز عبدالقوي الصحي	مركز المحاريق الصحي			
2	Laboratory Equipments	Unit	Sheikh Othman Health Center	Kod Al- Othmani Center	Abdul-Qawi Center	AlMahariq Health Center			
2.1	Laboratory Microscope Binocular	NO		1	1		2		
2.2	Centrifuge Tabletop	NO	1	1	1	1	4		
2.3	Shaker Machine for Tubes	NO	1	1	1	1	4		
2.4	Digital Glucometer	NO	1	1	1		3		
2.5	Semi Automated Biochemistry Analyzer	NO	1	1		1	3		
2.6	Automatic Hematology cbc Complete Blood Cell Counter	NO	1	1			2		
2.7	Automated Micropipette ,Variable Type (Different Sizes)	NO	1				1		
2.8	<p>Training Course on the Use of Medical Equipment: This item includes providing a comprehensive training course for all concerned employees, not exceeding 5 persons approved by the center's management in the medical center, on how to use the medical equipment to be provided to the center. Training Objectives: The training course will cover an introduction to the equipment and its purposes of use, how to set it up and operate it properly, and routine maintenance guidelines to ensure optimal operation. The course will also include teaching safety rules to avoid accidents and injuries, and providing instructions on how to deal with common problems and emergency malfunctions. An interactive session will be organized to allow employees to try the equipment under the supervision of a certified trainer. Training Content: Must be approved by the supervising engineer. Training Duration: The training duration is 5 hours, for 1 day. Trainers: Must be specialized in the field of medical laboratories, have experience in using laboratory equipment and tools, and excellent training skills. Meals: The supplier must provide a daily lunch for the trainees.</p>	L.S		1			1		
2.9	<p>Project Signboard : In number: Supply and installation of a metal Signboard in the name of the project in the dimensions shown in drawing and the price includes the following: - Digging soil depth of 60 cm for the two bases then the pouring of plain concrete and water treatment period required- Implementation of two concrete footings in dimension (50X50) cm and a depth of 40 cm of 0.8 m3 aggregate and 0.4m3 sand with 250 kg/m3 cement with water treatment and all necessary. - Galvanized Steel Pipe Plates 2.5", it is covered from above with a tight cover ,and at the bottom two metal bars with diameter of 16mm,30cm long , which are painted a resistant paint 3 faces,well bonded with two + shaped welds and are fixed at the bottom of the base before casting. - Supply and installation of metal sheets (sheets) Made of heavy black iron,1.5mm thick and distribution shown in the model With internal strengthening in the space so that no traces appear on the painting, and so that the pieces of the painting are welded from all sides so that no space (filled with putty) is left for rain water to enter. - Painting of writing boards and standing with a resistant paint 3 faces and then painting the writing boards With putty, foundation and fire paint in the specified color 3 faces to getting smooth surface with out any roughness. - Writing on the painting in clear script, distinctive writing and color specified in Arabic and English With fiery paint, and the writing is on two sides in white. - Install the Signboard in the appropriate place determined by the supervisor and the price includes the supply and installation and all necessary for it to work. The price include all works to finish this item according to drawings, specifications, the technical asset & workmanship, general & specific conditions and instructions of the supervisor engineer.</p>	No		1			1		
Total cost USD									



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Part (3) : Supplying and installing of a Dental clinic equipment

ثالثاً: توريد وتركيب معدات عيادات الأسنان



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مشروع توريد وتشغيل أجهزة الفحص الطبي الحديثة مع المحاليل المخبرية لعدد 4 مراكز صحية في مديرية الشيخ عثمان - محافظة عدن

ثالثاً: جدول توزيع معدات عيادات الأسنان

No	Item Name	الوحدة	الكمية Qty				الكمية الكلية Total of Qty	سعر الوحدة Unit price USD	الاجمالي الكلي Total cost USD
			مجمع الشيخ عثمان الصحي	مجمع الكود عثمان الصحي	مركز عبدالقوي الصحي	مركز المحاريق الصحي			
3	Dental clinic equipment	Unit	Sheikh Othman Health Center	Kod Al- Othmani Center	Abdul-Qawi Center	AlMahariq Health Center			
3.1	Hot Air Oven	NO	1	1	1		3		
3.2	Dental Unit, Completed With Accessories	NO			1	1	2		
3.3	Dental Extraction Set	NO	1	1	1	1	4		
3.4	Dental Restorative Set	NO	1	1	1	1	4		
3.5	UltraSonic Scaling Unit	NO	1	1	1	1	4		
3.6	Dental Amalgamator	NO	1	1	1	1	4		
3.7	<p>Training Course on the Use of Medical Equipment: This item includes providing a comprehensive training course for all concerned employees, not exceeding 5 persons approved by the center's management in the medical center, on how to use the medical equipment to be provided to the center. Training Objectives: The training course will cover an introduction to the equipment and its purposes of use, how to set it up and operate it properly, and routine maintenance guidelines to ensure optimal operation. The course will also include teaching safety rules to avoid accidents and injuries, and providing instructions on how to deal with common problems and emergency malfunctions. An interactive session will be organized to allow employees to try the equipment under the supervision of a certified trainer. Training Content: Must be approved by the supervising engineer. Training Duration: The training duration is 5 hours, for 1 day. Trainers: Must be specialized in the field of medical laboratories, have experience in using laboratory equipment and tools, and excellent training skills. Meals: The supplier must provide a daily lunch for the trainees.</p>	L.S		1			1		
3.8	<p>Project Signboard : In number: Supply and installation of a metal Signboard in the name of the project in the dimensions shown in drawing and the price includes the following: - Digging soil depth of 60 cm for the two bases then the pouring of plain concrete and water treatment period required- Implementation of two concrete footings in dimation (50X50) cm and a depth of 40 cm of 0.8 m3 aggregate and 0.4m3 sand with 250 kg/m3 cement with water treatment and all necessary. - Galvanized Steel Pipe Plates 2.5", it is covered from above with a tight cover ,and at the bottom two metal bars with diamter of 16mm,30cm long , which are painted a resistant paint 3 faces,well bonded with two + shaped welds and are fixed at the bottom of the base before casting. - Supply and installation of metal sheets (sheets) Made of heavy black iron,1.5mm thick and distribution shown in the model With internal strengthening in the space so that no traces appear on the painting, and so that the pieces of the painting are welded from all sides so that no space (filled with putty) is left for rain water to enter. - Painting of writing boards and standing with a resistant paint 3 faces and then painting the writing boards With putty, foundation and fire paint in the specified color 3 faces to getting smooth surface with out any roughness. - Writing on the painting in clear script, distinctive writing and color specified in Arabic and English With fiery paint, and the writing is on two sides in white. - Install the Signboard in the appropriate place determined by the supervisor and the price includes the supply and installation and all necessary for it to work. The price include all works to finish this item according to drawings, specifications, the technical asset & workmanship, general & specific conditions and instructions of the supervisor engineer.</p>	No		1			1		
Total cost USD									



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مراكز صحية في مديرية الشيخ عثمان - محافظة عدن

**Part (4) : Supplying and installing of a
Laboratory solutions**

رابعاً : توريد المحاليل المخبرية

BOQs for Supply and Operation of Modern Medical Examination Equipment, Along with Laboratory solutions, for 4 Health Centers in Al-Shikhothman District, Aden Governorate.

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رابعاً: جدول المحاليل المخبرية - Laboratory solutions

No	Item Name	الوحدة Unit	الكمية Qty			الكمية الكلية Total of Qty	Unit price USD	Total	ملاحظات Remarks
			مجمع الشيخ عثمان الصحي	مجمع الكود عثمان الصحي	مركز المحاريق الصحي				
1	Albumin Reagent	Kit	1	1	1	3		ALBUMIN BCG MR 2x50 mL MONLABTEST	
2	Alcohol Pad Swab	Packet	2	2	2	6		Alcohol Pad Swab	
3	ALP Reagent (Alkaline Phosphatase)	Kit	1	1	1	3		ALP DGKC BR 1x60 mL/1x15 mL MONLABTEST	
4	Anti-A Blood Group Reagent	Vial	1	1	1	3		Anti-A Monoclonal Reagent (Titer: 1/512)10ml/vial 10 vials / vacuum pack	
5	Anti-B Blood Group Reagent	Vial	1	1	1	3		Anti-B Monoclonal Reagent (Titer: 1/512)10ml/vial 10 vials / vacuum pack	
6	Anti-D Blood Group Reagent	Vial	1	1	1	3		Anti-D IgG/IgM Blend Reagent (Titer: 1/128) 10ml/vial 10 vials/ pack	
7	Anti-Human Globulin (AHG) Reagent	Vial	1	1	1	3		Anti-Human Globulin (AHG) Reagent	
8	ASO Latex Reagent with Control	Kit	1	1	1	3		ASO LATEX 100 TESTS MONLABTEST complete with control	
9	Bilirubin Reagent (Total & Direct)	Kit	1	1	1	3		BILIRUBIN T&D DMSO BR 1x125 ml/1x125 ml/1x10	
10	Biochemistry Paper Report (57*30mm)	Roll	3	3	3	9		Biochemistry Paper Report (57*30mm)	
11	Blood Glucose Rapid Test Strips	Packet	5	5	5	15		Blood Glucose Test Strip/ Safe AQ Voice (1box=50test strips put in two vials)	
12	Blood Lancets	Box	5	5	5	15		Blood Lancets	
13	Bovine Serum Albumin Reagent	Vial	1	1	1	3		Bovine Serum Albumin Reagent. 22%	
14	Brucella Abortus + Melitensis Reagent	Kit	1	1	1	3		Brucella (Abortus) &Melitensis	
15	Calcium (Ca++) Reagent	Kit	1	1	1	3		CALCIUM o-Cresolphptalein BR 1x125 ml/1x125 mL MONLABTEST	
16	Capillary Tube - Blue Line	Vial	1	1	1	3		Capillary Tube - Blue Line	
17	Capillary Tube - Red Line	Vial	1	1	1	3		Capillary Tube - Red Line	
18	Cover Glass , 22*22mm 1*10 Boxes	Packet	2	2	2	6		COVER GLASS 22x22MM 10 BOXES EACH 100 PIECES EACH BOX	
19	Creatinine Reagent	Kit	2	2	2	6		CREATININE J. Jaffé BR 1x125 mL/1 x 125 mL MONLABTEST	
20	CRP Latex Reagent with Control	Kit	1	1	1	3		CRP LATEX 100 TESTS MONLABTEST complete with control	
21	Dengue IgG/IgM Rapid Test	Cassette	100	100	100	300		Dengue IgG/IgM cassette	
22	Disposable Cuvette for Chemistry Tests	PCs	25	25	25	75		Disposable Cuvette for Chemistry Tests	
23	Disposable Face Mask	Packet	2	2	2	6		Disposable Face Mask	
24	Disposable Plastic Gloves, Latex Free Powder	Packet	1	1	1	3		Disposable Plastic Gloves, Latex Free Powder	
25	Disposable Syringe 1cc	Packet	1	1	1	3		Disposable Syringe 1cc	
26	Disposable Syringe 3cc	Packet	1	1	1	3		Syringe, hypodermic, luer, 2-part with needles, sterile, disposable, 3 ml 23 G	
27	Disposable Syringe 5cc	Packet	1	1	1	3		Syringe, hypodermic, luer, 2-part with needles, sterile, disposable, 5 ml 23 G	
28	Distilled Water (D.W). 5 liter	Gallon	1	1	1	3		Distilled Water (D.W)	

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رابعاً: جدول المحاليل المخبرية - Laboratory solutions

No	Item Name	الوحدة Unit	الكمية Qty			الكمية الكلية Total of Qty	Unit price USD	Total	ملاحظات Remarks
			مجمع الشيخ عثمان الصحي	مجمع الكود عثمان الصحي	مركز المحاريق الصحي				
29	EDTA - Plastic Test Tube - 2.5ml	PCs	500	500	500	1500		EDTA - Plastic Test Tube - 2.5ml	
30	EDTA Vacuum Glass Tube, Purple - 3ml	PCs	50	50	50	150		, EDTA blood collection Vacuum Tube purple, 4ml K3EDTA	
31	EDTA Solution	Bottle	2	2	2	6		EDTA Solution	
32	Eppendorf Tube, 9,5*38mm - 1.5ml	PCs	100	100	100	300		Eppendorf tubes TEST TUBE 16*102mm	
33	ESR Pipette(100) and Tube(100) with ESR Rack(1)	Packet	2	2	2	6		ESR Pipette(100) and Tube(100) with ESR Rack(1)	
34	ESR Plastic Tube Rack	PCs	50	50	50	150		ESR Plastic Tube Rack	
35	Ethanol alcohol Solution 75% (Spirit Solution)	Gallon	1	1	1	3		Ethanol 70 % 5 L	
36	Filter Paper	Box	2	2	2	6		Filter Paper	
37	First Aid Plaster - Round	Packet	2	2	2	6		First Aid Plaster - Round	
38	Geimsa Stain Solution	Bottle	1	1	1	3		Geimsa Stain Solution	
39	Gel and Clot activator Vacuum Glass Tube, Yellow-4.5ml	PCs	1	1	1	3		Gel and Clot activator Vacuum Glass Tube, Yellow- 4.5ml	
40	Gel and Clot activator Vacuum Glass Tube, Yellow-7ml	PCs	1	1	1	3		Gel&Clot Activator blood collection Vacuum Tub yellow 6 ml	
41	Glacial Acetic Acid 2%	Bottle	1	1	1	2		Glacial Acetic Acid 2%	
42	Glass Test Tube - 5ml	PCs	500	500	500	1500		Glass tubs 7.5ml" N14500. TEST TUBE 12X75MM, 5ML, GLASS ROUND BOTTOM, PLAIN MOUTH"	
43	Glucose Reagent	Kit	1	1	1	3		GLUCOSE GOD-POD MR 2x125mL MONLABTEST	
44	Glucose Vacuum Glass Tube, Black - 4ml	PCs	25	25	25	75		ESR blood collection Vacuum Tube black. Size:8*120mm,1.28ml. Glass. Sodium Citrate 4NC	
45	GOT (AST) Reagent	Kit	1	1	1	3		GOT IFCC BR 1x60mL/1x15 ml MONLABTEST	
46	GPT (ALT) Reagent	Kit	1	1	1	3		GPT IFCC BR 1x60 mL/1x15 ml MONLABTEST	
47	Graduated Glass Beaker Flask 1000 ml	PCs			1	1		Graduated Glass Beaker Flask 1000 ml	
48	Graduated Glass Beaker Flask 500 ml	PCs			1	1		Graduated Glass Beaker Flask 500 ml	
49	Graduated Glass Conical Flask 500 ml	PCs			1	1		Graduated Glass Conical Flask 500 ml	
50	H.Pylori Ab	Cassette	50	50	50	150		H .pylori Antibody(from Serum & plasma)cassette	
51	H.Pylori Ag Rapid Test (Stool Specimen)	Cassette	10	10	10	30		H .pylori Antigen (from Stool cassette)	
52	Haematology/CBC Paper Report (57*35mm)	Roll	2	2	2	6		Haematology/CBC Paper Report (57*35mm)	
53	HAV IgG/IgM Rapid Test	Cassette	10	10	10	30		HAV IgM cassette (from Serum and plasma)	
54	HbA1c strip NEW	Strip	1	1	1	3		HbA1c strip New	
55	HBs Ag Rapid Test	Cassette	25	25	25	75		HBsAg cassette (from Serum and plasma)	
56	HCG Rapid Test (Serum & Urine)	Cassette	50	50	50	150		HCG cassette (from Serum & plasma and urine)	

BOQs for Supply and Operation of Modern Medical Examination Equipment, Along with Laboratory solutions, for 4 Health Centers in Al-Shikhothman District, Aden Governorate.

جدول الكميات والمواصفات لتوريد وتشغيل أجهزة الفحص الطبي الحديثة مع المحاليل المخبرية لعدد 4 مراكز صحية في مديرية الشيخ عثمان - محافظة عدن

رابعاً: جدول المحاليل المخبرية - Laboratory solutions

No	Item Name	الوحدة Unit	الكمية Qty			الكمية الكلية Total of Qty	Unit price USD	Total	ملاحظات Remarks
			مجمع الشيخ عثمان الصحي	مجمع الكود عثمان الصحي	مركز المحاريق الصحي				
57	HCV Ab Rapid Test	Cassette	25	25	25	75		HCV cassette (from Serum and plasma)	
58	Heparin Vacuum Glass Tube, Green - 4ml	PCs	1	1	1	3		PT Tube 1.8 ml, 3.2% Sodium Citrate ,13X75 mm blood collection Vacuum Tube Blue, 1.8 ml	
59	Hydrochloric acid(0.1 N HCL) Solution	Bottle	1	1	1	3		Hydrochloric acid(0.1 N HCL) Solution	
60	Latex Examination Gloves Pre Powdered Size: Medium	Packet	1	1	1	3		Latex Examination Gloves Pre Powdered Size: Medium	
61	Latex Examination Gloves Pre Powdered Size: Large	Packet	1	1	1	3		Latex Examination Gloves Pre Powdered Size: Large	
62	LDH - UV Reagent	Kit			1	1		LDH DGKC BR 1x60 ml/1x15 mL MONLABTEST	
63	LDH Reagent	Kit			1	1		LDH DGKC BR 1x60 ml/1x15 mL MONLABTEST	
64	Malaria Ag Rapid Test	Cassette	10	10	10	30		Malaria(pf/pv)falciparum & vivax Antigen cassette(whole blood)	
65	Medical Cotton 1000g	Roll	2	2	2	6		Medical Cotton 1000g	
66	Methanol Solution 99.6%	Gallon	1	1	1	3		METHANOL 99% ABSOLUTE 5 liter	
67	Micropipette Tips - Blue	Bag	2	2	2	6		Blue Tips Global Roll Gilson tip 1000ul blue Qty: 500PCS µl (500 Pcs in Bundle)	
68	Micropipette Tips - Yellow	Bag	2	2	2	6		Yellow Tips Global Roll Gilson tip 200u! yellow(1000 Pcs in Bundle)	
69	Microscope Glass Slides	Box	10	10	10	30		Microscope glass slides, 25.4*76.2mm, 1mm-1.2mm thick	
70	Oil immersion lens 100x	Bottle	1	1	1	3		Oil immersion lens 100x	
71	Plaine Vacuum Glass Tube, Red - 3ml	PCs	25	25	25	75		Plaine Vacuum Glass Tube, Red - 3ml	
72	Plaine Vacuum Glass Tube, Red - 7ml	PCs	10	10	10	30		Plain, blood collection Vacuum Tube, Red, 6ml Size: 13X100mm. :	
73	Plasma Sample Vacuum Glass Tube, Gray - 5ml	PCs	10	10	10	30		Plasma Sample Vacuum Glass Tube, Gray - 5ml	
74	Plastic Urine Test Tube - 10ml	PCs	10	10	10	30		Plastic Urine Test Tube - 10ml	
75	Potassium (K+) Reagent	Kit	1	1	1	3		Potassium (K+) Reagent 50 X 1 ml	
76	RF Latex Reagent with Control	Kit	1	1	1	3		RF-LATEX 100 TESTS MONLABTEST complete with control	
77	Sodium (Na+) Reagent	Kit	1	1	1	3		Na+ (Sodium Colorimetric 1x60ml Spinreact	
78	Sterile Wooden Cotton Swab	PCs	1	1	1	3		Sterile Wooden Cotton Swab	
79	Stool Container, Sterile - 60ml	PCs	25	25	25	75		Stool Container, Sterile - 60ml	
80	Syphilis IgG/IgM Rapid Test	Cassette	10	10	10	30		Syphilis cassette (from Serum and plasma)	
81	Test Tube Rack - Large	PCs	5	5	5	15		Test Tube Rack - Large	
82	Test Tube Rack - Medium	PCs	5	5	5	15		Test Tube Rack - Medium	
83	Test Tube Rack - Small	PCs	5	5	5	15		Test Tube Rack - Small	
84	ToRCH IgG/IgM Rapid Test	Cassette	1	1	1	3		TORCH IgG/IgM cassette (from Serum and plasma)	

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رابعاً: جدول المحاليل المخبرية - Laboratory solutions

No	Item Name	الوحدة Unit	الكمية Qty			الكمية الكلية Total of Qty	Unit price USD	Total	ملاحظات Remarks
			مجمع الشيخ عثمان الصحي	مجمع الكود عثمان الصحي	مركز المحاريق الصحي				
85	Total Protein Reagent	Kit	1	1	1	3		TOTAL PROTEINS Biuret MR 2x50 ml MONLABTEST	
86	Tourniquet (For Blood Draws)	PCs	1	1	1	3		TOXO IgG/IgM cassette (from Serum and plasma)	
87	Toxoplasmosis NEW	Cassette	1	1	1	3		TRIGLYCERIDES GPO-POD MR 2x50 mL MONLABTEST	
88	Triglycerides Reagent	Kit	1	1	1	3		UREA Urease-GLDH BR 1x40ml/1x10mL MONLABTEST	
89	Urea Reagent	Kit	1	1	1	3		URIC ACID Uricase-POD BR 1x50 ml/1x50 ml. MONLABTEST	
90	Urine Container, Sterile - 60ml	PCs	25	25	25	75		Urine Container, Sterile - 60ml	
91	Urine Test Strips - 10 Different Parameters	Bottle	1	1	1	3		Urine stripe 10 parameter 100 strip/barel	
92	Vacuum Blood Collection Tube Holder	PCs	1	1	1	3		Vacuum Blood Collection Tube Holder	
93	Widal antigen Latex Slide Reagents	Kit	1	1	1	3		Widal Test (H, O .BO,AO)	
94	PT and PTT Vacuum Glass Tube, Blue - 4.5ml	pcs	10	10	10	30		china	
95	PT	Packet	1		1	2		5*4ml Technoclone GmbH Austria	
96	PTT	Packet	1		1	2		10*4ml Technoclone GmbH Austria	
97	Widal IgG and IgM	Cassette	10	10	10	30		Typhoid IgG/IgM cassette(from Serum and plasma)	
98	Heamatology Analyser	Kit						(Model: X3 , Brand Name , Landwind)	
99	Heamatology Analyser	Kit						(Model: XP-300 , Brand Name , Sysmex)	
100	Heamatology Analyser	Kit			1	1		(Model: Celltac α, Brand Name , NihonKohden)	
101	Heamatology Analyser	Kit			1	1		(Model: Z5, Brand Name , Zybion)	
102	Heamatology Analyser	Kit	1			1		(Model: RT-7600, Brand Name ,Rayto)	
103	Heamatology Analyser	Kit	1			1		(Model: KX-21N, Brand Name , Sysmex)	
104	<p>Training Course on the Use of Medical Equipment: This item includes providing a comprehensive training course for all concerned employees, not exceeding 5 persons approved by the center's management in the medical center, on how to use the medical equipment to be provided to the center.</p> <p>Training Objectives: The training course will cover an introduction to the equipment and its purposes of use, how to set it up and operate it properly, and routine maintenance guidelines to ensure optimal operation. The course will also include teaching safety rules to avoid accidents and injuries, and providing instructions on how to deal with common problems and emergency malfunctions. An interactive session will be organized to allow employees to try the equipment under the supervision of a certified trainer.</p> <p>Training Content: Must be approved by the supervising engineer.</p> <p>Training Duration: The training duration is 5 hours, for 1 day.</p> <p>Trainers: Must be specialized in the field of medical laboratories, have experience in using laboratory equipment and tools, and excellent training skills.</p> <p>Meals: The supplier must provide a daily lunch for the trainees.</p>	L.S		1		1			

Project Strengthening Institutional and Economic Resilience in Yemen (SIERY)

مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

BOQs for Supply and Operation of Modern Medical Examination Equipment, Along with Laboratory solutions, for 4 Health Centers in Al-Shikhothman District, Aden Governorate.

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رابعاً: جدول المحاليل المخبرية - Laboratory solutions

No	Item Name	الوحدة Unit	الكمية Qty			الكمية الكلية Total of Qty	Unit price USD	Total	ملاحظات Remarks
			مجمع الشيخ عثمان الصحي	مجمع الكود العثمان الصحي	مركز المحاريق الصحي				
105	<p>Project Signboard :</p> <p>In number: Supply and installation of a metal Signboard in the name of the project in the dimensions shown in drawing and the price includes the following:</p> <ul style="list-style-type: none"> - Digging soil depth of 60 cm for the two bases then the pouring of plain concrete and water treatment period required- Implementation of two concrete footings in dimerion (50X50) cm and a depth of 40 cm of 0.8 m3 aggregate and 0.4m3 sand with 250 kg/m3 cement with water treatment and all necessary. - Galvanized Steel Pipe Plates 2.5", it is covered from above with a tight cover ,and at the bottom two metal bars with diamter of 16mm,30cm long , which are painted a resistant paint 3 faces,well bonded with two + shaped welds and are fixed at the bottom of the base before casting. - Supply and installation of metal sheets (sheets) Made of heavy black iron,1.5mm thick and distribution shown in the model With internal strengthening in the space so that no traces appear on the painting, and so that the pieces of the painting are welded from all sides so that no space (filled with putty) is left for rain water to enter. - Painting of writing boards and standing with a resistant paint 3 faces and then painting the writing boards With putty, foundation and fire paint in the specified color 3 faces to getting smooth surface with out any roughness. - Writing on the painting in clear script, distinctive writing and color specified in Arabic and English With fiery paint, and the writing is on two sides in white. - Install the Signboard in the appropriate place determined by the supervisor and the price includes the supply and installation and all necessary for it to work. <p>The price include all works to finish this item according to drawings,</p>	No	1		1				
Estimated Cost \$									