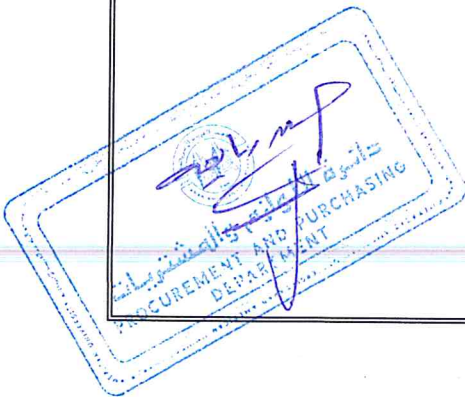




دائرة اللوازم والمشتريات

عطاء رقم T07-2024.25

أجهزة وأدوات لتخصص البصریات



2024-2025

## عطاء أجهزة لتخصص البصريات

### وثائق العطاء:

أ- الجزء الأول:

(1) دعوة العطاء

(2) الشروط والتعليمات التنظيمية للعطاء

(3) طريقة الدفع

ب- الجزء الثاني:

(1) جدول الكميات والمواصفات الفنية



## الجزء الأول (1)

إعلان طرح عطاء رقم T07-2024.25

## أجهزة لتخصص البصريات

تدعو الجامعة العربية الأمريكية الشركات المختصة الى المشاركة في العطاء المذكور أعلاه. يمكن الاستفسار أو الحصول على وثائق العطاء من دائرة اللوازم والمشتريات في الجامعة/ مبنى الدوائر الإدارية الطابق الثاني، هاتف- 04 2418888- تحويلة 1488 فاكس 04 2510972 بريد الكتروني [pnnp@aaup.edu](mailto:pnnp@aaup.edu) مقابل مبلغ غير مسترد مقداره (50) تدفع في إحدى البنوك المعتمدة وذلك اعتباراً من يوم ( الخميس ) الموافق 2024/11/21

## ملاحظات :

1. تقديم عرضين: فني ومالي، وسيتم دراسة العروض فنياً ومالياً لاختيار العرض المناسب.
2. آخر موعد لتسليم العطاءات هو في تمام الساعة الثانية من يوم (الخميس) 2024/12/5 ولنفس المكان.
3. يجب تقديم كفالة دخول عطاء 5% من قيمة العطاء على شكل كفالة بنكية أو شيك بنكي مصدق لصالح الجامعة العربية الأمريكية.
4. الأسعار (بالدولار) وتشمل جميع الضرائب بما فيها ضريبة القيمة المضافة وعلى المورد تقديم الفواتير الضريبية وشهادة خصم المصدر.
5. الجامعة غير ملزمة بأقل الأسعار وبدون إبداء الأسباب.
6. رسوم الاعلان على من يرسو عليه العطاء.
7. بإمكانكم الاطلاع على النظام الداخلي لدائرة اللوازم والمشتريات من خلال زيارة صفحة الجامعة العربية الأمريكية على الانترنت. [www.aaup.edu](http://www.aaup.edu)



## الشروط والتعليمات التنظيمية للطاء

(2)

1. على جميع المشاركين في العطاء الالتزام التام بهذه الشروط والتعليمات، وهي تعتبر جزءاً لا يتجزأ من أي أمر شراء أو عقد يبرم مع المشارك الفائز ما لم ينص صراحة على خلاف ذلك في أمر الشراء أو العقد.
2. في هذه الشروط والتعليمات يرمز إلى "الجامعة العربية الامريكية بالاختصار (AAUP)".
3. يجب أن تكون الشركة المتقدمة للعطاء مسجلة رسمياً ومشتغلاً مرخصاً.
4. تقدم الأسعار (بالدولار) شاملاً لجميع الضرائب بما في ذلك ضريبة القيمة المضافة (VAT).
5. يلتزم المشارك الفائز بتقديم شهادات خصم المصدر والفواتير الضريبية اللازمة وأية مستندات قانونية أخرى تغطي عملية الشراء.
6. يجب أن تشمل الأسعار على جميع المصاريف المطلوبة من النقل والتركيب والتشغيل والفحص والصيانة والتدريب في المواقع المحددة في جدول المواصفات والكميات المرفق.
7. يجب أن تكون الأسعار المقدمة سارية المفعول لمدة لا تقل عن (90) يوماً من تاريخ تقديم العرض.
8. على المشارك الفائز تقديم كفالة حسن تنفيذ خلال أسبوع من تاريخ الاتفاقية بحيث تعادل (10%) من قيمة الاتفاقية على شكل كفالة بنكية صادرة عن إحدى البنوك العاملة في فلسطين أو شيك مصدق صادر لصالح "الجامعة العربية الامريكية".
9. إذا تخلف المناقص الفائز عن تقديم كفالة حسن التنفيذ عن الموعد المحدد في البند السابق فإنه يحق لـ (AAUP) إلغاء الإحالة.
10. إذا تخلف المناقص الفائز عن التوقيع على عقد التنفيذ و تسليم الكفالات والتأمينات المطلوبة منه خلال أسبوع من تاريخ قرار الاحالة، يعتبر مستنكفا عن تنفيذ العطاء ويصادر مبلغ الكفالة أو التأمين دخول العطاء بالاضافة الى ذلك يتحمل فرق السعر و/أو اي أضرار أخرى قد تلحق بالجامعة نتيجة استنكافه ويحرم من لمشاركة في عطاءات الجامعة لمدة عام.
11. إذا تخلف المناقص الفائز عن تنفيذ العطاء الذي احيل عليه او خالف شرطاً من شروط العقد يحق للجامعة مصادرة كفالة دخول العطاء أو حسن التنفيذ أو جزء منها وتنفيذ العطاء مباشرة من الجامعة أو اية جهة تراها مناسبة بالاسعار والشروط والطريقة المناسبة ويتحمل المناقص أي فروقات بالاسعار مضاف اليها 15% من اجمالي قيمة العطاء.
12. يتحمل المناقص المتخلف دفع تعويض بدل اي عطل او ضرر قد يلحق بالجامعة نتيجة لذلك.





13. تعاد كفالة حسن التنفيذ بعد استكمال التوريد وجميع شروط العقد أو أوامر الشراء وبموجب الوثائق الأصلية اللازمة للاستلام.

14. على المشاركين في العطاء ارفاق كتالوجات عن المنتج.

15. يلتزم من يرسو عليه العطاء بدفع غرامة تأخير بواقع (0.1%) عن كل يوم تأخير من قيمة الأعمال المنجزة عن الوقت المحدد في الاتفاقية، ويتم احتساب هذه الغرامات من الدفعات المستحقة له أو من كفالة حسن التنفيذ.

16. يحق لـ (AAUP) إلغاء العطاء دون إبداء الأسباب كما أن (AAUP) غير ملزمة بإحالة العطاء على أقل العروض سعراً دون إبداء الأسباب. ولها أن ترفض كل أو بعض العروض المقدمة لها دون أن يكون لأي من المشاركين الحق في الرجوع إليها بأي خسارة أو ضرر ناجم عن تقديم عرضه ولا يترتب على (AAUP) أي التزامات مادية أو غير مادية مقابل ذلك، كما يحق لـ (AAUP) تجزئة العطاء بما تراه مناسباً ودون إبداء أسباب.

17. يلتزم من يرسو عليه العطاء بتقديم كفالة بنكية (صيانة) بقيمة (5%) من قيمة الأعمال المنجزة صالحة لمدة عام من تاريخ تسليم الأعمال.

18. على المشارك في العطاء تقديم عرضه على أساس المواصفات الفنية المبينة في وثائق العطاء وبموجب الكميات المحددة في جدول الكميات المرفق.

19. لا يجوز للمشارك في العطاء أن يتنازل لأي طرف آخر عن كل أو جزء من أمر الشراء دون الحصول على إذن خطي من (AAUP) مع الاحتفاظ بكامل حقوق (AAUP) وفقاً لشروط أمر الشراء.

20. عند دراسة العروض يؤخذ بعين الاعتبار كفاءة المناقص من الناحيتين المالية والفنية وقدرته على الوفاء بالتزامات العطاء وخبرته في تقديم اللوازم المطلوبة والسمعة التجارية والتسهيلات التي يقدمها ويجوز استبعاد عرضه لنقص كل أو بعض هذه المتطلبات.

21. لا تقبل العروض أو التعديلات التي ترد بعد التاريخ والموعود المحدد كآخر موعد لتقديم العروض.

22. يجب تعبئة جداول المواصفات المرفقة و لن ينظر بأي عرض لا يلتزم بتعبئة الجداول.

#### ملاحظات

- ❖ يسمح بتقديم عرضين اثنين فقط كحد أقصى لكل بند.
- ❖ يجب تقديم عرضي الاسعار الفني والمالي بنسختين: الأولى ورقية، والأخرى الكترونية (محواسبة).
- ❖ تقديم العرضين المالي والفني الورقيين بالظرف المختوم، مع ضرورة وضع ختم الشركة والتوقيع على كل الصفحات (للعرض المالي بالذات).
- ❖ قد تكون المواصفات مأخوذة من منتجات وعلامات تجارية معروفة ولكنها ليست إلزامية.



(3)

### طريقة الدفع

خلال (90) يوماً من التوريد والقبول والاستلام النهائي، مقابل تقديم الكفالات المطلوبة.



الجزء الثاني1. جدول الكميات والمواصفات الفنية  
أجهزة لتخصص البصريات

No.	Product	Qty	Unit Price ILS	Total Price ILS
1.	<i>Full-Automated Optical Lens Edger with Tracer</i>	1		
2.	<i>Semi-Automated Optical Lens Edger</i>	2		
3.	<i>Retinoscope/Ophthalmoscope</i>	2		
4.	<i>Automated Optical Lens Groover</i>	1		
5.	<i>Manual Lensmeter with Ink</i>	1		
6.	<i>Optical Lens Manual Column Drill</i>	1		
7.	<i>Optical Hand Edger</i>	1		
8.	<i>Optical Frames Heater</i>	1		
9.	<i>12 Digital Pupillometer-CRP</i>	1		
Total				

في حالة وجود استفسار يرجى تزويدنا بها من خلال البريد الإلكتروني للرد عليها [pnnp@aaup.edu](mailto:pnnp@aaup.edu)



**Item #1: Full-Automated Optical Lens Edger with Tracer**

3 years warranty, 10 years availability of spare parts.

Origin: Brand name USA, EURO, Japan

**General Specifications:**

- Designed for use in ophthalmology labs at medical faculties.
- Full-automatic operation with integrated tracer for streamlined lens processing.

**Lens Edging Process:**

- Automatically edges optical lenses to precise specifications for fitting into frames.
- Able to edge a wide range of lens materials including plastic, glass, and polycarbonate.
- Beveling, grooving, and polishing capabilities for various lens shapes and styles.

**Tracer Functionality:**

- Integrated tracer for accurate mapping and measurement of lens shape and size.
- Ensures precise edging and fitting of lenses into frames.

**Edging Modes:**

- Fully automatic mode for hands-free operation and consistent results.
- Manual mode for optional input and control over edging parameters.

**Lens Measurement:**

- Tracer-based measurement system for accurate sizing and shaping of lenses.
- Digital display for easy visualization of measurement data.

**Edging Speed:**

- Variable speed settings to accommodate different lens materials and edging requirements.
- High-speed edging capabilities for increased productivity.

**Water Cooling System:**

- Built-in water cooling system to prevent overheating during the edging process.
- Efficient water circulation to maintain optimal operating temperature.

**Safety Features:**

- Safety interlocks and guards to prevent accidents and ensure operator safety.
- Emergency stop button for immediate cessation of operation if necessary.

**Compatibility:**

- Compatible with a wide range of lens types, sizes, and prescriptions.
- Able to handle both single-vision and multifocal lenses.





**Accessories:**

- Includes edging blocks, polishing pads, and other accessories for lens edging.
- Optional accessories such as drill bits and grooving wheels are available for specialized edging tasks.

**Software Integration:**

- Connectivity options for integration with lab management software for seamless workflow management.
- USB or Ethernet connectivity for data transfer and remote diagnostics.

**Power Requirements:**

- Standard electrical power requirements compatible with laboratory power sources.
- Energy-efficient design for cost-effective operation.

**Support:**

- Comprehensive technical support and training are provided for users.
- Availability of spare parts and service technicians for ongoing maintenance and repair.
- ومتطلبات غير ذلك السعر يشمل التوريد والتركيب ويجب أن يتم توضيح جميع متطلبات التركيب في عرض السعر من ملحقات المورد ملزم بأية مصاريف أو أعمال يحتاجها الجهاز.

❖ Kindly your offer will not be taken into consideration if you don't fill in the table below.

Full-Automated Optical Lens Edger with Tracer	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty	Yes/No	
<b>General Specifications:</b>		
Designed for use in ophthalmology labs at medical faculties.	Yes/No	
Full-automatic operation with integrated tracer for streamlined lens processing.	Yes/No	
<b>Lens Edging Process:</b>	Yes/No	
Automatically edges optical lenses to precise specifications for fitting into frames.		
Able to edge a wide range of lens materials including plastic, glass, and polycarbonate.	Yes/No	
Beveling, grooving, and polishing capabilities for various lens shapes and styles.	Yes/No	



Full-Automated Optical Lens Edger with Tracer	Yes/No	Comment
<b>Tracer Functionality:</b>	Yes/No	
Integrated tracer for accurate mapping and measurement of lens shape and size.		
Ensures precise edging and fitting of lenses into frames.	Yes/No	
<b>Edging Modes:</b>		
Fully automatic mode for hands-free operation and consistent results.	Yes/No	
Manual mode for optional input and control over edging parameters.	Yes/No	
<b>Lens Measurement:</b>		
Tracer-based measurement system for accurate sizing and shaping of lenses.	Yes/No	
Digital display for easy visualization of measurement data.	Yes/No	
<b>Edging Speed:</b>		
Variable speed settings to accommodate different lens materials and edging requirements.	Yes/No	
High-speed edging capabilities for increased productivity.	Yes/No	
<b>Water Cooling System:</b>		
Built-in water cooling system to prevent overheating during the edging process.	Yes/No	
Efficient water circulation to maintain optimal operating temperature.	Yes/No	
<b>Safety Features:</b>		
Safety interlocks and guards to prevent accidents and ensure operator safety.	Yes/No	
Emergency stop button for immediate cessation of operation if necessary.	Yes/No	
<b>Compatibility:</b>		
Compatible with a wide range of lens types, sizes, and prescriptions.	Yes/No	
Able to handle both single-vision and multifocal lenses.	Yes/No	
<b>Accessories:</b>		
Includes edging blocks, polishing pads, and other accessories for lens edging.	Yes/No	
Optional accessories such as drill bits and grooving wheels are available for specialized edging tasks.	Yes/No	
<b>Software Integration:</b>		
Connectivity options for integration with lab management software for seamless workflow management.	Yes/No	
USB or Ethernet connectivity for data transfer and remote diagnostics.	Yes/No	
<b>Power Requirements:</b>		

Full-Automated Optical Lens Edger with Tracer	Yes/No	Comment
Standard electrical power requirements compatible with laboratory power sources.	Yes/No	
Energy-efficient design for cost-effective operation.	Yes/No	
<b>Support:</b>		
Comprehensive technical support and training are provided for users.	Yes/No	
Availability of spare parts and service technicians for ongoing maintenance and repair	Yes/No	
<b>User's and service manual.</b>	Yes/No	
<b>The price includes installation and team training on-site.</b>	Yes/No	
<b>Date of manufacture of the machine not less than 2024</b>	Yes/No	
<b>References in Palestine are Attached to your offer</b>	Yes/No	
<b>3 years warranty</b>	Yes/No	
<b>10 years availability for spare parts</b>	Yes/No	





**Item #2: Semi-Automated Optical Lens Edger****3 years warranty, 10 years availability of spare parts.****Origin: Brand name USA, EURO, Japan****General Specifications:**

- Designed for use in ophthalmology labs at medical faculties.
- Semi-automatic operation for efficient lens edging.
- Compact and ergonomic design for space-saving and user comfort.

**Lens Edging Process:**

- Edges optical lenses to precise specifications for fitting into frames.
- Able to edge a wide range of lens materials including plastic, glass, and polycarbonate.
- Beveling, grooving, and polishing capabilities for various lens shapes and styles.

**Edging Modes:**

- Semi-automatic mode for manual input and control over edging parameters.

**Lens Measurement:**

- Manual measurement system for sizing and shaping of lenses.
- Digital display for easy visualization of measurement data.

**Edging Speed:**

- Semi-automatic mode for manual input and control over edging parameters.
- Allows for hands-on adjustment and customization of edging process.

**Water Cooling System:**

- Built-in water cooling system to prevent overheating during the edging process.
- Efficient water circulation to maintain optimal operating temperature.

**Safety Features:**

- Safety interlocks and guards to prevent accidents and ensure operator safety.
- Emergency stop button for immediate cessation of operation if necessary.

**Compatibility:**

- Compatible with a wide range of lens types, sizes, and prescriptions.
- Able to handle both single-vision and multifocal lenses.

**Accessories:**

- Includes edging blocks, polishing pads, and other accessories for lens edging.
- Optional accessories such as drill bits and grooving wheels are available for specialized edging tasks.

**Software Integration:**

- Connectivity options for integration with lab management software for seamless workflow management.
- USB or Ethernet connectivity for data transfer and remote diagnostics.

**Power Requirements:**

- Standard electrical power requirements compatible with laboratory power sources.
- Energy-efficient design for cost-effective operation.

**Support:**

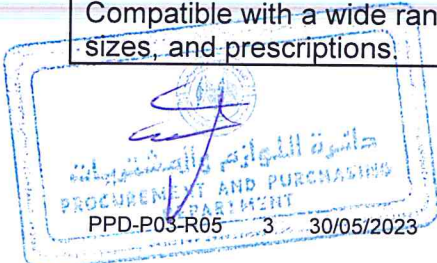
- Comprehensive technical support and training are provided for users.
- Availability of spare parts and service technicians for ongoing maintenance and repair.

- السعر يشمل التوريد والتركيب ويجب أن يتم توضيح جميع متطلبات التركيب في عرض السعر من ملحقات ومتطلبات غير ذلك المورد ملزم بأية مصاريف أو أعمال يحتاجها الجهاز.

❖ *Kindly your offer will not be taken into consideration if you don't fill in the table below.*



Semi-Automated Optical Lens Edger	Yes/No	Comment
<b>Manufacture</b>	Manufacture	
<b>Model</b>	Model	
<b>Origin</b>	Origin	
<b>Delivery time</b>	Delivery time	
<b>3 years warranty</b>	Yes/No	
<b>General Specifications:</b>		
Designed for use in ophthalmology labs at medical faculties.	Yes/No	
Semi-automatic operation for efficient lens edging.	Yes/No	
Compact and ergonomic design for space-saving and user comfort.	Yes/No	
<b>Lens Edging Process:</b>		
Edges optical lenses to precise specifications for fitting into frames.	Yes/No	
Able to edge a wide range of lens materials including plastic, glass, and polycarbonate.	Yes/No	
Beveling, grooving, and polishing capabilities for various lens shapes and styles.	Yes/No	
<b>Edging Modes:</b>		
Semi-automatic mode for manual input and control over edging parameters.	Yes/No	
<b>Lens Measurement:</b>		
Manual measurement system for sizing and shaping of lenses.	Yes/No	
Digital display for easy visualization of measurement data.	Yes/No	
<b>Edging Speed:</b>		
Semi-automatic mode for manual input and control over edging parameters.	Yes/No	
Allows for hands-on adjustment and customization of edging process.	Yes/No	
<b>Water Cooling System:</b>		
Built-in water cooling system to prevent overheating during the edging process.	Yes/No	
Efficient water circulation to maintain optimal operating temperature.	Yes/No	
<b>Safety Features:</b>		
Safety interlocks and guards to prevent accidents and ensure operator safety.	Yes/No	
Emergency stop button for immediate cessation of operation if necessary.	Yes/No	
<b>Compatibility:</b>		
Compatible with a wide range of lens types, sizes, and prescriptions.	Yes/No	





Semi-Automated Optical Lens Edger	Yes/No	Comment
Able to handle both single-vision and multifocal lenses.	Yes/No	
<b>Accessories:</b>		
Includes edging blocks, polishing pads, and other accessories for lens edging.	Yes/No	
Optional accessories such as drill bits and grooving wheels are available for specialized edging tasks.	Yes/No	
<b>Software Integration:</b>		
Connectivity options for integration with lab management software for seamless workflow management.	Yes/No	
USB or Ethernet connectivity for data transfer and remote diagnostics.	Yes/No	
<b>Power Requirements:</b>		
Standard electrical power requirements compatible with laboratory power sources.	Yes/No	
Energy-efficient design for cost-effective operation.	Yes/No	
<b>Support:</b>		
Comprehensive technical support and training are provided for users.	Yes/No	
Availability of spare parts and service technicians for ongoing maintenance and repair.	Yes/No	
<b>User's and service manual.</b>	Yes/No	
<b>The price includes installation and team training on-site.</b>	Yes/No	
<b>Date of manufacture of the machine not less than 2024</b>	Yes/No	
<b>References in Palestine are Attached to your offer</b>	Yes/No	
<b>3 years warranty</b>	Yes/No	
<b>10 years availability for spare parts</b>	Yes/No	





**Item #3: Retinoscope/Ophthalmoscope**

**3 years warranty, 10 years availability of spare parts.**

**Origin: Brand name USA, EURO, Japan**

**General Specifications:**

- Designed for use in ophthalmology labs at medical faculties.
- Dual-purpose instrument combining retinoscopy and ophthalmoscopy functionalities.

**Retinoscope Function:**

- Utilizes a retinoscope for objective refraction assessment.
- Adjustable brightness and beam width for accurate retinal reflex examination.
- Enables determination of refractive error and assessment of ocular health.

**Ophthalmoscope Function:**

- Incorporates an ophthalmoscope for direct examination of the fundus.
- Provides detailed visualization of retinal structures and pathology.
- Adjustable aperture settings for versatile examination options.

**Light Source:**

- Bright and focused illumination for both retinoscopy and ophthalmoscopy.
- White and/or halogen light sources for optimal tissue visualization.
- Adjustable brightness levels to suit individual patient comfort and pathology.

**Lenses:**

- Interchangeable lenses for accurate retinoscopic assessment.
- Includes spherical and cylindrical lenses for refractive error measurement.
- Provides versatility in performing objective refraction tests.

**Filters:**

- Interchangeable filters for enhanced contrast and visualization of specific retinal features.
- Includes green, cobalt blue, and red-free filters for versatile examination options.

**Pupil Size Adjustment:**

- Adjustable aperture settings to accommodate varying patient pupil diameters.
- Ensures optimal illumination and visualization regardless of pupil size.

**Comfort and Ergonomics:**

- Lightweight and ergonomic design for comfortable use during prolonged examinations.
- Adjustable headband and eyepiece positioning for personalized fit and comfort.

**Integrated Accessories:**

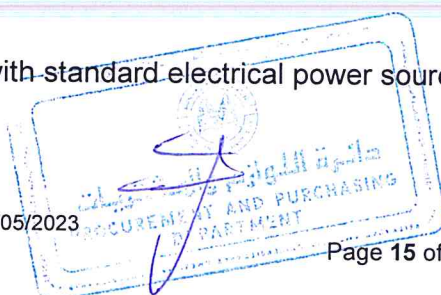
- Includes forehead rest and focusing wheel for convenient operation.
- Optional accessories such as scleral depressors and lenses available for specialized examinations.

**Portability:**

- Compact and portable design for easy transport between examination rooms.
- Suitable for use in both stationary and mobile ophthalmology settings.

**Power Source:**

- Compatible with standard electrical power sources.



- Optionally battery-powered for added flexibility in usage.

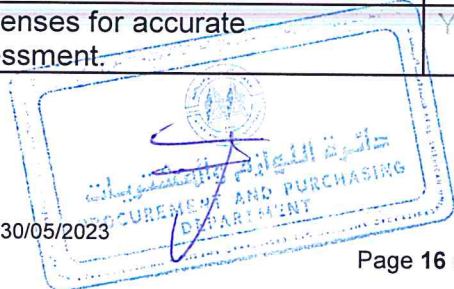
**Support:**

- Comprehensive technical support and training provided for users.
- Availability of spare parts and service technicians for ongoing maintenance and repair.

- ومتطلبات غير ذلك السعر يشمل التوريد والتركيب ويجب أن يتم توضيح جميع متطلبات التركيب في عرض السعر من ملحقات المورد ملزم بأية مصاريف أو أعمال يحتاجها الجهاز.

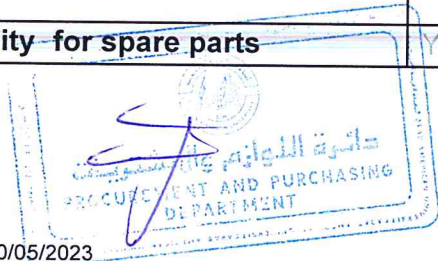
❖ Kindly your offer will not be taken into consideration if you don't fill in the table below.

Retinoscope/Ophthalmoscope	Yes/No	Comment
<b>Manufacture</b>	Manufacture	
<b>Model</b>	Model	
<b>Origin</b>	Origin	
<b>Delivery time</b>	Delivery time	
<b>3 years warranty</b>	Yes/No	
<b>General Specifications:</b>		
Designed for use in ophthalmology labs at medical faculties.	Yes/No	
A dual-purpose instrument combining retinoscopy and ophthalmoscopy functionalities.	Yes/No	
<b>Retinoscope Function:</b>		
Utilizes a retinoscope for objective refraction assessment.	Yes/No	
Adjustable brightness and beam width for accurate retinal reflex examination.	Yes/No	
Enables determination of refractive error and assessment of ocular health.	Yes/No	
<b>Ophthalmoscope Function:</b>		
Incorporates an ophthalmoscope for direct examination of the fundus.	Yes/No	
Provides detailed visualization of retinal structures and pathology.	Yes/No	
Adjustable aperture settings for versatile examination options.	Yes/No	
<b>Light Source:</b>		
Bright and focused illumination for both retinoscopy and ophthalmoscopy.	Yes/No	
White and/or halogen light sources for optimal tissue visualization.	Yes/No	
Adjustable brightness levels to suit individual patient comfort and pathology.	Yes/No	
<b>Lenses:</b>		
Interchangeable lenses for accurate retinoscopic assessment.	Yes/No	





Retinoscope/Ophthalmoscope	Yes/No	Comment
Includes spherical and cylindrical lenses for refractive error measurement.	Yes/No	
Provides versatility in performing objective refraction tests.	Yes/No	
<b>Filters:</b>		
Interchangeable filters for enhanced contrast and visualization of specific retinal features.	Yes/No	
Includes green, cobalt blue, and red-free filters for versatile examination options.	Yes/No	
<b>Pupil Size Adjustment:</b>		
Adjustable aperture settings to accommodate varying patient pupil diameters.	Yes/No	
Ensures optimal illumination and visualization regardless of pupil size.	Yes/No	
<b>Comfort and Ergonomics:</b>		
Lightweight and ergonomic design for comfortable use during prolonged examinations.	Yes/No	
Adjustable headband and eyepiece positioning for personalized fit and comfort.	Yes/No	
<b>Integrated Accessories:</b>		
Includes forehead rest and focusing wheel for convenient operation.	Yes/No	
Optional accessories such as scleral depressors and lenses available for specialized examinations.	Yes/No	
<b>Portability:</b>		
Compact and portable design for easy transport between examination rooms.	Yes/No	
Suitable for use in both stationary and mobile ophthalmology settings.	Yes/No	
<b>Power Source:</b>		
Compatible with standard electrical power sources.	Yes/No	
Optionally battery-powered for added flexibility in usage.	Yes/No	
<b>Support:</b>		
Comprehensive technical support and training provided for users.	Yes/No	
Availability of spare parts and service technicians for ongoing maintenance and repair.	Yes/No	
<b>User's and service manual.</b>	Yes/No	
<b>The price includes installation and team training on-site.</b>	Yes/No	
<b>Date of manufacture of the machine not less than 2024</b>	Yes/No	
<b>References in Palestine are Attached to your offer</b>	Yes/No	
<b>10 years availability for spare parts</b>	Yes/No	



**Item #4: Automated Optical Lens Groover****3 years warranty, 10 years availability of spare parts.****Origin: Brand name USA, EURO, Japan****General Specifications:**

- Designed for use in ophthalmology labs at medical faculties.
- Automates the process of grooving optical lenses for insertion into eyeglass frames.

**Grooving Process:**

- Utilizes automated machinery to create precise grooves on optical lenses.
- Accommodates various lens materials, including plastic, polycarbonate, and glass.
- Offers customizable groove parameters such as width, depth, and positioning.

**Cutting Mechanism:**

- Incorporates diamond or carbide cutting tools for high precision and durability.
- Ensures clean and accurate grooves without damaging lens integrity.
- Adjustable cutting speed and pressure settings for optimal results.

**Lens Compatibility:**

- Compatible with single-vision, bifocal, and progressive lenses.
- Supports a wide range of lens sizes and shapes, including spherical and aspheric designs.
- Handles lenses with different base curves and thicknesses.

**Control System:**

- Features an intuitive user interface for easy operation and programming.
- Allows for manual adjustment of groove parameters or selection of pre-programmed settings.
- Provides real-time feedback and monitoring of the grooving process.

**Safety Features:**

- Incorporates safety guards and sensors to prevent accidents and protect operators.
- Automatically shuts off in case of abnormal conditions or malfunctions.
- Complies with relevant safety standards and regulations.

**Integration Options:**

- Compatible with digital lens processing systems for seamless integration into lab workflows.
- Offers connectivity options for data exchange and remote monitoring.

**Maintenance and Support:**

- Requires minimal maintenance and routine cleaning to ensure optimal performance.
- Comprehensive technical support and training are provided for users.
- Availability of spare parts and service technicians for ongoing maintenance and repair.





- السعر يشمل التوريد والتركيب ويجب أن يتم توضيح جميع متطلبات التركيب في عرض السعر من ملحقات ومتطلبات غير ذلك المورد ملزم بأية مصاريف أو أعمال يحتاجها الجهاز.

❖ Kindly your offer will not be taken into consideration if you don't fill in the table below.

Automated Optical Lens Groover	Yes/No	Comment
<b>Manufacture</b>	Manufacture	
<b>Model</b>	Model	
<b>Origin</b>	Origin	
<b>Delivery time</b>	Delivery time	
<b>3 years warranty</b>	Yes/No	
<b>General Specifications:</b>		
Designed for use in ophthalmology labs at medical faculties.	Yes/No	
Automates the process of grooving optical lenses for insertion into eyeglass frames.	Yes/No	
<b>Grooving Process:</b>		
Utilizes automated machinery to create precise grooves on optical lenses.	Yes/No	
Accommodates various lens materials, including plastic, polycarbonate, and glass.	Yes/No	
Offers customizable groove parameters such as width, depth, and positioning.	Yes/No	
<b>Cutting Mechanism:</b>		
Incorporates diamond or carbide cutting tools for high precision and durability.	Yes/No	
Ensures clean and accurate grooves without damaging lens integrity.	Yes/No	
Adjustable cutting speed and pressure settings for optimal results.	Yes/No	
<b>Lens Compatibility:</b>		
Compatible with single-vision, bifocal, and progressive lenses.	Yes/No	
Supports a wide range of lens sizes and shapes, including spherical and aspheric designs.	Yes/No	
Handles lenses with different base curves and thicknesses.	Yes/No	
<b>Control System:</b>		
Features an intuitive user interface for easy operation and programming.	Yes/No	
Allows for manual adjustment of groove parameters or selection of pre-programmed settings.	Yes/No	
Provides real-time feedback and monitoring of the grooving process.	Yes/No	
<b>Safety Features:</b>		



Automated Optical Lens Groover	Yes/No	Comment
Incorporates safety guards and sensors to prevent accidents and protect operators.	Yes/No	
Automatically shuts off in case of abnormal conditions or malfunctions.	Yes/No	
Complies with relevant safety standards and regulations.	Yes/No	
<b>Integration Options:</b>		
Compatible with digital lens processing systems for seamless integration into lab workflows.	Yes/No	
Offers connectivity options for data exchange and remote monitoring.	Yes/No	
<b>Maintenance and Support:</b>		
Requires minimal maintenance and routine cleaning to ensure optimal performance.	Yes/No	
Comprehensive technical support and training are provided for users.	Yes/No	
Availability of spare parts and service technicians for ongoing maintenance and repair.	Yes/No	
User's and service manual.	Yes/No	
The price includes installation and team training on-site.	Yes/No	
Date of manufacture of the machine not less than 2024	Yes/No	
References in Palestine are Attached to your offer	Yes/No	
10 years availability for spare parts	Yes/No	



**Item #5: Manual Lensmeter with Ink:**

**3 years warranty, 10 years availability of spare parts.**

**Origin: Brand name USA, EURO, Japan**

**General Specifications:**

- Designed for use in ophthalmology labs at medical faculties.
- Manual lensmeter with ink for precise measurement of lens power and alignment.

**Lens Measurement:**

- Measures lens power in diopters (D) with high accuracy.
- Determines cylindrical power, axis, and prism in prescription lenses.
- Provides clear and easy-to-read measurements for accurate lens assessment.

**Ink Marking Feature:**

- Equipped with an ink marking system for identifying optical center and axis alignment.
- Enables precise marking on lenses for accurate cutting and fitting into frames.
- Uses non-permanent ink that can be easily removed after marking.

**Lens Compatibility:**

- Compatible with single-vision, bifocal, and progressive lenses.
- Supports a wide range of lens materials, including plastic, polycarbonate, and glass.
- Handles lenses with different base curves and thicknesses.

**Alignment Adjustment :**

- Allows manual adjustment of lens alignment to ensure accurate measurements.
- Provides fine-tuning controls for axis alignment and prism correction.
- Ensures precise positioning of lenses for optimal visual performance.

**Measurement Accuracy:**

- Provides reliable and consistent measurements within specified tolerance limits.
- Calibration function for periodic accuracy checks and adjustments.
- Conforms to international standards for lensmeter accuracy and precision.

**User Interface :**

- Features a user-friendly interface with intuitive controls for easy operation.
- Clear and legible scale markings for quick and accurate readings.
- Ergonomic design for comfortable and efficient use during extended periods.

**Durability and Maintenance:**

- Constructed with durable materials for long-lasting performance and reliability.
- Requires minimal maintenance and routine calibration to ensure accuracy.
- Designed for easy cleaning and upkeep to maintain optimal functionality.





**Integration Options:**

- Compatible with digital lens processing systems for seamless integration into lab workflows.
- Offers connectivity options for data exchange and remote monitoring.

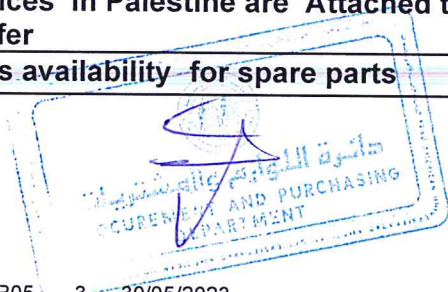
**Safety Features:**

- Incorporates safety guards and shields to protect users from potential hazards.
- Complies with relevant safety standards and regulations for ophthalmic equipment.
- ومتطلبات غير ذلك السعر يشمل التوريد والتركيب ويجب أن يتم توضيح جميع متطلبات التركيب في عرض السعر من ملحقات المورد ملزم بأية مصاريف أو أعمال يحتاجها الجهاز.

❖ Kindly your offer will not be taken into consideration if you don't fill in the table below.

Manual Lensmeter with Ink	Yes/No	Comment
<b>Manufacture</b>	Manufacture	
<b>Model</b>	Model	
<b>Origin</b>	Origin	
<b>Delivery time</b>	Delivery time	
<b>3 years warranty</b>	Yes/No	
<b>General Specifications:</b>		
Designed for use in ophthalmology labs at medical faculties.	Yes/No	
Manual lensmeter with ink for precise measurement of lens power and alignment.	Yes/No	
<b>Lens Measurement:</b>		
Measures lens power in diopters (D) with high accuracy.	Yes/No	
Determines cylindrical power, axis, and prism in prescription lenses.	Yes/No	
Provides clear and easy-to-read measurements for accurate lens assessment.	Yes/No	
<b>Ink Marking Feature:</b>		
Equipped with an ink marking system for identifying optical center and axis alignment.	Yes/No	
Enables precise marking on lenses for accurate cutting and fitting into frames.	Yes/No	
Uses non-permanent ink that can be easily removed after marking.	Yes/No	
<b>Lens Compatibility:</b>		
Compatible with single-vision, bifocal, and progressive lenses.	Yes/No	
Supports a wide range of lens materials, including plastic, polycarbonate, and glass.	Yes/No	
Handles lenses with different base curves and thicknesses.	Yes/No	

Manual Lensmeter with Ink	Yes/No	Comment
Alignment Adjustment :		
Allows manual adjustment of lens alignment to ensure accurate measurements.	Yes/No	
Provides fine-tuning controls for axis alignment and prism correction.	Yes/No	
Ensures precise positioning of lenses for optimal visual performance.	Yes/No	
<b>Measurement Accuracy:</b>		
Provides reliable and consistent measurements within specified tolerance limits.	Yes/No	
Calibration function for periodic accuracy checks and adjustments.	Yes/No	
Conforms to international standards for lensmeter accuracy and precision.	Yes/No	
<b>User Interface :</b>		
Features a user-friendly interface with intuitive controls for easy operation.	Yes/No	
Clear and legible scale markings for quick and accurate readings.	Yes/No	
Ergonomic design for comfortable and efficient use during extended periods.		
<b>Durability and Maintenance:</b>	Yes/No	
Constructed with durable materials for long-lasting performance and reliability.	Yes/No	
Requires minimal maintenance and routine calibration to ensure accuracy.	Yes/No	
Designed for easy cleaning and upkeep to maintain optimal functionality.	Yes/No	
<b>Integration Options:</b>		
Compatible with digital lens processing systems for seamless integration into lab workflows.	Yes/No	
Offers connectivity options for data exchange and remote monitoring.	Yes/No	
<b>Safety Features:</b>	Yes/No	
Incorporates safety guards and shields to protect users from potential hazards.	Yes/No	
Complies with relevant safety standards and regulations for ophthalmic equipment.	Yes/No	
Designed for easy cleaning and upkeep to maintain optimal functionality.	Yes/No	
<b>User's and service manual.</b>	Yes/No	
<b>The price includes installation and team training on-site.</b>	Yes/No	
<b>Date of manufacture of the machine not less than 2024</b>	Yes/No	
<b>References in Palestine are Attached to your offer</b>	Yes/No	
<b>10 years availability for spare parts</b>	Yes/No	





**Item #6 Optical Lens Manual Column Drill:**

3 years warranty, 10 years availability of spare parts.

Origin: Brand name USA, EURO, Japan.

- Designed for precision drilling of holes in optical lenses.
- Manual operation for precise control and accuracy.
- Column design provides stability and support during drilling.
- Adjustable drilling speed to accommodate various lens materials.
- Equipped with a durable drill chuck for secure lens fixation.
- Features depth control mechanism for consistent hole depth.
- Compact and space-saving design for lab efficiency.
- Suitable for drilling holes in plastic, polycarbonate, and glass lenses.
- Ergonomic handle for comfortable operation.
- Easy-to-use interface with intuitive controls.
- Requires minimal maintenance and upkeep.
- Complies with safety standards for ophthalmic equipment.

- السعر يشمل التوريد والتركيب ويجب أن يتم توضيح جميع متطلبات التركيب في عرض السعر من ملحقات ومتطلبات غير ذلك المورد ملزم بأية مصاريف أو أعمال يحتاجها الجهاز.

❖ Kindly your offer will not be taken into consideration if you don't fill in the table below.

Optical Lens Manual Column Drill	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty	Yes/No	
Designed for precision drilling of holes in optical lenses.		
Manual operation for precise control and accuracy.	Yes/No	
Column design provides stability and support during drilling.	Yes/No	
Adjustable drilling speed to accommodate various lens materials.		
Equipped with a durable drill chuck for secure lens fixation.	Yes/No	
Features depth control mechanism for consistent hole depth.	Yes/No	
Compact and space-saving design for lab efficiency.	Yes/No	
Suitable for drilling holes in plastic, polycarbonate, and glass lenses.		
Ergonomic handle for comfortable operation.	Yes/No	



Optical Lens Manual Column Drill	Yes/No	Comment
Easy-to-use interface with intuitive controls.	Yes/No	
Requires minimal maintenance and upkeep.	Yes/No	
Complies with safety standards for ophthalmic equipment.		
User's and service manual.	Yes/No	
The price includes installation and team training on-site.	Yes/No	
Date of manufacture of the machine not less than 2024	Yes/No	
References in Palestine are Attached to your offer	Yes/No	
10 years availability for spare parts	Yes/No	



**Item #7 Optical Hand Edger:****Brand name.****3 years warranty, 10 years availability of spare parts.****Origin: USA, EURO, Japan**

- Manual hand edger for shaping and beveling optical lenses.
- Equipped with high-quality grinding wheels for precise lens finishing.
- Adjustable angle and depth settings for customizable beveling.
- Compact and portable design for lab flexibility.
- Durable construction for long-term use.
- Smooth operation with ergonomic handle for comfortable handling.
- Compatible with various lens materials including plastic and glass.
- Efficient workflow with quick turnaround time.
- Easy-to-use interface for seamless operation.
- Includes safety features to prevent accidents during use.
- Complies with industry standards for optical equipment.

السعر يشمل التوريد والتركيب ويجب أن يتم توضيح جميع متطلبات التركيب في عرض السعر من ملحقات ومتطلبات.

❖ Kindly your offer will not be taken into our consideration if you don't fill in the table below.

Optical Hand Edger	Yes/No	Comment
<b>Manufacture.</b>	Manufacture	
<b>Model.</b>	Model	
<b>Origin:</b>	Origin	
<b>Delivery time.</b>	Weeks	
<b>3 years Full warranty.</b>	Yes/No	
Manual hand edger for shaping and beveling optical lenses.	Yes/No	
Equipped with high-quality grinding wheels for precise lens finishing.	Yes/No	
Adjustable angle and depth settings for customizable beveling.	Yes/No	
Compact and portable design for lab flexibility.	Yes/No	
Durable construction for long-term use.	Yes/No	
Smooth operation with ergonomic handle for comfortable handling.	Yes/No	
Compatible with various lens materials including plastic and glass.	Yes/No	
Efficient workflow with quick turnaround time.	Yes/No	
Easy-to-use interface for seamless operation.	Yes/No	
Includes safety features to prevent accidents during use.	Yes/No	

Optical Hand Edger	Yes/No	Comment
Complies with industry standards for optical equipment.	Yes/No	
Complete and Ready to use with all accessories.	Yes/No	
10 years availability for spare parts.	Yes/No	
Date of manufacture not less than 2024.	Yes/No	
في حال وجود أية قطعة ضرورية لتشغيل الجهاز غير موضحة يرجى ذكرها وتوضيحها في العرض غير ذلك تعتبر الشركة بتحمل وجود أية نواقص.	Yes/No	





**Item #8 Optical Frames Heater:**

3 years warranty, 10 years availability of spare parts.

Origin: Brand name USA, EURO, Japan

- Heating device specifically designed for adjusting and shaping optical frames.
- Utilizes controlled heating to soften frames for easy adjustment.
- Adjustable temperature settings for precise heating based on frame material.
- Compact and portable design for convenient use in the lab.
- Quick heating process for efficient workflow.
- Compatible with various frame materials including plastic and metal.
- Safe operation with built-in safety features to prevent overheating.
- Easy-to-use interface for straightforward operation.
- Durable construction for long-term reliability.
- Complies with industry standards for optical equipment.

- ومتطلبات غير ذلك السعر يشمل التوريد والتركيب ويجب أن يتم توضيح جميع متطلبات التركيب في عرض السعر من ملحقات المورد ملزم بأية مصاريف أو أعمال يحتاجها الجهاز.

❖ Kindly your offer will not be taken into consideration if you don't fill in the table below.

Optical Frames Heater	Yes/No	Comment
<b>Manufacture</b>	Manufacture	
<b>Model</b>	Model	
<b>Origin</b>	Origin	
<b>Delivery time</b>	Delivery time	
<b>3 years warranty</b>	Yes/No	
Heating device specifically designed for adjusting and shaping optical frames.		
Utilizes controlled heating to soften frames for easy adjustment.	Yes/No	
Adjustable temperature settings for precise heating based on frame material.	Yes/No	
Compact and portable design for convenient use in the lab.		
Quick heating process for efficient workflow.	Yes/No	
Compatible with various frame materials including plastic and metal.	Yes/No	
Safe operation with built-in safety features to prevent overheating.	Yes/No	
Easy-to-use interface for straightforward operation.		
Durable construction for long-term reliability.	Yes/No	

Optical Frames Heater	Yes/No	Comment
Complies with industry standards for optical equipment.	Yes/No	
User's and service manual.	Yes/No	
The price includes installation and team training on-site.	Yes/No	
Date of manufacture of the machine not less than 2024	Yes/No	
References in Palestine are Attached to your offer	Yes/No	
10 years availability for spare parts	Yes/No	





**Item #9 Digital Pupillometer-CRP:****3 years warranty, 10 years availability of spare parts.****Origin: Brand name USA, EURO, Japan**

- Precise measurement of pupil diameter
- Advanced imaging technology
- High-resolution digital display
- Quick and accurate readings
- User-friendly interface
- Compact and portable design
- Compatible with ophthalmology lab requirements
- Reliable performance
- Easy to operate

- السعر يشمل التوريد والتركيب ويجب أن يتم توضيح جميع متطلبات التركيب في عرض السعر من ملحقات ومتطلبات غير ذلك المورد ملزم بأية مصاريف أو أعمال يحتاجها الجهاز.

❖ Kindly your offer will not be taken into consideration if you don't fill in the table below.

Digital Pupillometer-CRP	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty	Yes/No	
Precise measurement of pupil diameter		
Advanced imaging technology	Yes/No	
High-resolution digital display	Yes/No	
Quick and accurate readings		
User-friendly interface	Yes/No	
Compact and portable design	Yes/No	
Compatible with ophthalmology lab requirements	Yes/No	
Reliable performance		
Easy to operate	Yes/No	
Precise measurement of pupil diameter	Yes/No	
User's and service manual.	Yes/No	
The price includes installation and team training on-site.	Yes/No	
Date of manufacture of the machine not less than 2024	Yes/No	
References in Palestine are Attached to your offer	Yes/No	
10 years availability for spare parts	Yes/No	

