



دائرة اللوازم والمشتريات

عطاء رقم T03-2024.25

أجهزة طب أسنان



2024-2025

عطاء شراء أجهزة طب أسنان

وثائق العطاء:

أ- الجزء الأول:

(1) دعوة العطاء

(2) الشروط والتعليمات التنظيمية للعطاء

(3) طريقة الدفع

ب- الجزء الثاني:

(1) جدول الكميات ومواصفات الفنية

a. جدول كميات ومواصفات أجهزة الحرم الجامعي في جنين

b. جدول كميات ومواصفات أجهزة الحرم الجامعي في رام الله



الجزء الأول (1)

إعلان طرح عطاء رقم T03-2024.25

شراء أجهزة طب أسنان

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 pnp@aaup.edu مقابل مبلغ غير مسترد مقداره (100) 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 الامريكية على الانترنت. www.aaup.edu



الشروط والتعليمات التنظيمية للعبء

(2)

1. على جميع المشاركين في العبء 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 للعبء 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 المطلوبه منه خلال أسبوع من تاريخ قرار الاحالة، يعتبر مستنكفا عن تنفيذ العبء ويصادر مبلغ الكفالة أو التأمين دخول العبء 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 العبء الذي احيل عليه او خالف شرطاً من شروط العقد يحق للجامعة مصادرة كفالة دخول العبء أو حسن التنفيذ أو جزء منها وتنفيذ العبء مباشرة من الجامعة أو اية جهة تراها مناسبة بالاسعار والشروط والطريقة المناسبة ويتحمل المناقص أي فروقات بالاسعار مضاف اليها 15% من اجمالي قيمة العبء.
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 الأصولية 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 الثاني

1. جدول الكميات والمواصفات الفنية
شراء أجهزة طب اسنان-الحرم الجامعي جنين

No.	Product	Qty	Unit Price USD	Total Price USD
1.	Wax dipping devices	2		
2.	Vibrator For dental lab	1		
3.	Sand plaster	1		
4.	De Wax machine oven	1		
5.	Casting machine	1		
6.	Wax Electric	7		
7.	Thermal Sealer machine	2		
8.	Dental Diode Laser for soft tissue	1		
9.	High speed Handpieces	20		
10.	Micromotor	10		
11.	Trimmer	1		
12.	PORCELIAN FURNACE	1		
13.	3D PRINTER 8K	1		
14.	Dental CAD Design software	5		
15.	Crusher for Biological Indicator	1		
16.	Apex Locator	3		
17.	Cabinet for dust collector cabinet	2		
Total				



في حالة وجود استفسار يرجى تزويدنا بها من خلال البريد الالكتروني للرد عليها

Item (1) Wax dipping devices

- 3years warranty
- wax dipping for dental lab
- Temp 50 : up to 120 C
- Fast heating rate : 5 C / Min
- Over heat protection
- Digital display

1-1-1 Wax Dipping devices	Compliance Yes / No (if no put your comments)
Manufacture	Manufacture
Model	Model
Origin	Origin
Delivery time	Delivery time
3 years warranty, 10 years availability spare parts.	Yes / No
wax dipping for dental lab	Yes / No
Temp : 50 up to 120 C	Yes / No
Fast heating rate : 5 C / Min	Yes / No
Over heat protection	Yes / No
Your warranty must be include all spare parts and labor .	
Price should be include installation and team training to(doctor , staff ,operator for operation training) in site .	Yes / No
Service & operation manuals are included	Yes / No
Date of manufacturing of system not less than 2024 .	Yes / No



Item (2) Vibrator For dental lab

- Good Brand Name and Country of origin (USA , Europe , Japan)
- Vertical oscillating.
- Adjustable speed knob.
- Removable cover for easy cleaning.
- Dimension WDXH 24 : X 15 x 10 cm.
- Power 320 : W 230 , V / 50 Hz.
- 3years warranty.

1. يجب تعبئة الجدول بالأسفل بالإضافة الى تقديم عرض الشركة التقني وفي حال عدم تعبئة الجدول بالأسفل أو عدم وجود عرض تقني واضح فلن ينظر بالعرض المقدم

Vibrator	Compliance Yes / No (if no put your comments)
Manufacture	Manufacture
Model	Model
Origin	Origin
Delivery time	Delivery time
3 years warranty	Yes / No
For dental lab	Yes / No
Vertical oscillating .	Yes / No
Adjustable speed knob .	Yes / No
Removable cover for easy cleaning .	Yes / No
Dimension WDXH : 24 X 15 x 10 cm	Yes / No
Power : 320 W , 230 V / 50 Hz .	Yes / No
10 years Warranty for spare parts Availability from date of instillation	Yes / No
Price include installation and team training in site to staff .	Yes / No
Service & operation manuals are included with spare part list .	Yes / No
Date of manufacturing of Vibrator not less than 2024 .	Yes / No



Item (3) Sand plaster

- Brand name.
- 3years warranty, 10 years availability spare parts.
- Origin: USA, EURO ,japan.
- Blasting chamber volume 10 l.
- With two tank (1 liter each)
- Florescent light .
- 230V .
- Two access port right left.
- With magnifier.
- Large inner glass with cover.

الجدول بالأسفل بالإضافة الى تقديم عرض الشركة التقني

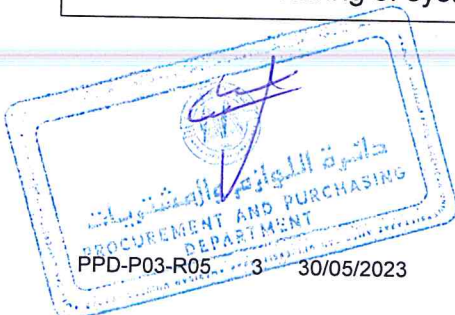
Sand plaster	Compliance Yes / No (if no put your comments)
Manufacture	Manufacture
Model	Model
Origin	Origin
Delivery time	Delivery time
3 years warranty	Yes / No
Blasting chamber volume 10 l.	Yes / No
With two tank (1 liter each)	Yes / No
Florescent light.	Yes / No
230 V.	Yes / No
Two access port right left.	Yes / No
With magnifier.	Yes / No
Large inner glass with cover.	Yes / No
Your warranty must be including all spare parts and labor.	Yes / No
Price should be include installation and team training to (doctor , staff ,operator for operation training) in site .	Yes / No
Service & operation manuals are included	Yes / No
Date of manufacturing of system not less than 2024 .	Yes / No



Item (4) De Wax machine oven

- USA, EUROPE
- 3YEARS WARRANTY
- General dental- lab dewaxing oven
- Volume :2 liters
- Temp: up to 1200 C
- Microprocessor control, Error log, Easy programmable
- Fast heating rate: 5 C / Min
- Over heat protection
- User friendly

Dewaxing oven for dental lab	Compliance Yes / No (if no put your comments)
Manufacture	Manufacture
Model	Model
Origin	Origin
Delivery time	Delivery time
3 years warranty, 10 years availability spare parts.	Yes / No
General dental lab dewaxing	Yes / No
Volume :2 liters	Yes / No
Temp: up to 1200 C	Yes / No
Microprocessor control, Error log, Easy programmable	Yes / No
Fast heating rate: 5 C / Min	Yes / No
Over heat protection	Yes / No
User friendly	Yes / No
Your warranty must be including all spare parts and labor.	Yes / No
Your warranty includes at least two visits at least (preventive maintenance) in site for each year warranty from the date of the installation.	Yes / No
Price should be included installation and team training to (doctor, staff, operator for operation training) in site.	Yes / No
Service & operation manuals are included	Yes / No
Date of manufacturing of system not less than 2024.	Yes / No



Item (5) Casting machine

- Brand name.
- 3years warranty, 10 years availability spare parts.
- Origin: USA, EURO, japan
- Melting all dental alloys.
- Max alloy: 60 g.
- Centrifugal speed: 430 rpm
- Power: 20 to 100.%
- Different start modes.
- Close circuits cooling system built in.
- Vibrate free
- Safety: cooling system, door electric.
- Power: 230 16A 2.5kw.

يجب تعبئة الجدول بالأسفل بالإضافة الى تقديم عرض الشركة التقني

Casting machine	Compliance Yes / No (if no put your comments)
Manufacture	Manufacture
Model	Model
Origin	Origin
Delivery time	Delivery time
3 years warranty, 10 years availability spare parts.	Yes / No
Tabletop.	Yes / No
For dental lab	Yes / No
Melting all dental alloys .	Yes / No
Max alloy : 60 g.	Yes / No
Centrifugal speed : 430 rpm	Yes / No
Power : 20 to 100 % .	Yes / No
Different start modes .	Yes / No
Close circuits cooling system built in .	Yes / No
Vibrate free	Yes / No
Safety : cooling system , door electric .	Yes / No
Power : 230 16A 2.5kw .	Yes / No
Complete system with all accessories ready to use	Yes / No



Casting machine	Compliance Yes / No (if no put your comments)
Your warranty must be include all spare parts and labor .	Yes / No
Price should be include installation and team training in site (run two cycles tests complete)	Yes / No
Service & operation manuals are included &Date of manufacturing of system not less than 2024 .	Yes / No



Item (6) Wax Electric

- Brand name.
- 3years warranty, 10 years availability spare parts.
- Origin: USA, EURO, japan

1. Main unit.

- Temperature adjustment: 40 – 190 C.
- Power: 7 W
- 220V.

2. 2handpieces with tips easy changed.

- With holders for handpiece and tips.
- With tips (small , large , knife chamfered , knife wide , Hollenbeck vertical , mini angled (

الجدول بالأسفل بالإضافة الى تقديم عرض الشركة التقنى

Wax Electric	Compliance Yes / No (if no put your comments)
Manufacture	Manufacture
Model	Model
Origin	Origin
Delivery time	Delivery time
3 years warranty	Yes / No
Main unit :	Yes / No
Temperature adjustment: 40 – 190 C .	Yes / No
Power: 7 W	Yes / No
220V .	Yes / No
Two handpieces with tips easy changed:	Yes / No
With holders for handpiece and tips.	Yes / No
With tips (small, large, knife chamfered, knife wide, Hollenbeck vertical, mini angled)	Yes / No
Your warranty must be including all spare parts and labor.	Yes / No
Price should be include installation and team training to (doctor, staff ,operator for operation training) in site .	Yes / No
Service & operation manuals are included	Yes / No



Item (7) Thermal Sealer machine

- Brand name.
- 3years warranty, 10 years availability spare parts.
- Origin: USA, EURO
- Simple.
- Sealing band width 250 :mm.
- Over heat protection .
- With cutting blade.
- Power: 700 w.
- 240 -220V.
- Optional : heater , cutting blade

يجب تعبئة الجدول بالأسفل بالإضافة الى تقديم عرض الشركة التقني

Thermal Sealer machine	Compliance Yes / No (If no put your comments)
Manufacture	Manufacture
Model	Model
Origin	Origin
Delivery time	Delivery time
3 years warranty, 10 years availability spare parts.	Yes / No
Sealing band width: 250 mm .	Yes / No
Over heat protection.	Yes / No
With cutting blade.	Yes / No
Power : 700 w 220 – 240 v	Yes / No
heater , cutting blade	price
Your warranty must be include all spare parts and labor .	Yes / No
Price should be included installation and team training in site.	Yes / No
Service & operation manuals are included & Date of manufacturing of system not less than 2024.	Yes / No



Item (8) Dental Diode Laser for soft tissue

- different wave-lengths : 800 – 980 nm.
- power out put 12 -1 : WATT .
- main application : surgery & Perio
- with handpiece (sterilizable)
- continuous or pulse wave length .
- Complete and ready to use with all accessories (handpiece , box , safety glass , fiber cable , ...)

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

Dental Diode Laser	Yes/No	Comment
Manufacturer	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Weeks	
3 years Warranty	Yes/No	
different wave-lengths : 800 – 980 nm .	Yes/No	
power output : 1- 12 WATT .	Yes/No	
main application: surgery & Perio	Yes/No	
with handpiece (sterilizable)	Yes/No	
continuous or pulse wave length.	Yes/No	
Complete and ready to use with all accessories (handpiece, box, safety glass, fiber cable, ...)	Yes/No	
Price include instillation and training on site		
Date of manufacture not less than 2024.		



Item (9) High speed Handpieces

Origin: USA, EURO, JAPAN

1. *high speed turbines*
2. Midwest 4holes .
3. push button.
35,000 .4rpm.
4. autoclavable.
5. disinfectant and autoclavable.
6. ceramic bearing.
7. internal cooling.
8. Working pressure 2-3 bar
9. Warranty 2 years.

يجب تعبئة الجدول بالأسفل بالإضافة الى تقديم عرض الشركة التقنى

High speed Handpieces	Compliance Yes / No (if no put your comments)
Manufacture	Manufacture
Model	Model
Origin	Origin
Delivery time	Delivery time
2years warranty, 10 years availability spare parts.	Yes / No
<i>Midwest 4holes.</i>	Yes / No
<i>push button.</i>	Yes / No
<i>35,000rpm .</i>	Yes / No
<i>autoclavable .</i>	Yes / No
<i>disinfectant and autoclavable .</i>	Yes / No
<i>ceramic bearing .</i>	Yes / No
<i>internal cooling .</i>	Yes / No
<i>Working pressure 2-3 bar</i>	



Item (10) Micromotor

- 3years warranty, 10 years availability spare parts.
- Adjustable Speed 50,000 – 0 : rpm.
- Digital speed display and Error code digital display.
- Forward and reverse direction.
- Auto cruise (Speed Holding) Forward and reverse direction.
- Operated by : foot , hand , knee.
- Electrical : 220 V , 50 HZ.
- Hand piece:
- Brushless motor , Torque 7 : N.cm , . vibration free , Noiseless.
- easy to change chucks and Included : two chucks 2.35 .
- Handpiece cord more than 1 m with Maintenance tools for Handpiece.
- OPTINAL : Handpiece

Micromotor	Compliance Yes / No (if no put your comments)
Manufacture	Manufacture
Model	Model
Origin	Origin
Delivery time	Delivery time
3 years warranty	Yes / No
Adjustable Speed : 0 – 50,000 rpm.	Yes / No
Digital speed display .	Yes / No
Unit price include handpiece and control	Yes / No
Forward and reverse direction .	Yes / No
Auto cruise (Speed Holding)	Yes / No
Operated by : foot , hand , knee .	Yes / No
Error code digital display .	Yes / No
Electrical : 220 V , 50 HZ .	Yes / No
Hand piece :	Yes / No
Brushless motor	Yes / No
Torque : 7 N.cm .	Yes / No
vibration free , Noiseless .	Yes / No
easy to change chucks.	Yes / No
Include in unit price : two chucks 2.35 .	Yes / No
handpiece cord more than 1 m .	Yes / No
Maintenance tools for handpieces .	Yes / No
Service and user manual And spare parts list included .	Yes / No
Electrical : 220 V , 50 HZ .	Yes / No
Your warranty must be include all spare parts and labor .	Yes / No
Price should be include installation and team training to(doctor , staff ,operator for operation training) in site .	Yes / No
Service & operation manuals are included	Yes / No
Handpiece extra one	Optional price
Date of manufacturing of system not less than 2024	Yes / No



Item (11) Trimmer

- 3years warranty
- Good Brand Name and Country of origin (USA , Europe , Japan)
- wet Trimmer .
- Motor 1400 : W 2800 , RPM.
- Quiet operation .
- Adjustable table With work plate aluminum to strengthen the disc against excessive
- Automatic solenoid water valve and tap-flow regulator.
- With Splash shield .
- Power : 220 / 50 Hz.
- With trimmer discs . (sandpaper disc)
- With extra one gasket.

1. يجب تعبئة الجدول بالأسفل بالإضافة الى تقديم عرض الشركة التقني وفي حال عدم تعبئة الجدول بالأسفل أو عدم وجود عرض تقني واضح فلن ينظر بالعرض المقدم

Trimmer	Compliance Yes / No (if no put your comments)
Manufacture	Manufacture
Model	Model
Origin	Origin
Delivery time	Delivery time
3 years warranty	Yes / No
wet Trimmer .	Yes / No
Motor : 1400 W , 2800 RPM .	Yes / No
Quiet operation .	Yes / No
Adjustable table With work plate aluminum to strengthen the disc against excessive	Yes / No
Automatic solenoid water valve and tap-flow regulator.	Yes / No
With Splash shield .	Yes / No
Power : 220 / 50 Hz .	Yes / No
With trimmer discs . (sandpaper disc)	Yes / No
With extra one gasket.	Yes / No
10 years Warranty for spare parts Availability from date of instillation	Yes / No



Trimmer	Compliance Yes / No (if no put your comments)
Price include installation and team training in site to staff .	Yes / No
Service & operation manuals are included.	Yes / No
Date of manufacturing of Trimmer not less than 2024.	Yes / No



Item (12) PORCELIAN FURNACE

- 3years warranty, 10 years availability spare parts.
- Origin: USA, EURO, JAPAN
- Tabletop .
- For dental lab.
- Temp : up 1200 C with Temp accuracy: ± 1 c.
- With clear control.
- Controller: programmable and adjustable temperature vacuum time , status massage with service massage, start time configurable , program entry in steps .
- Adjustable vacuum values, adjustable pre vacuum and main vacuum
- Fast heating and cooling.
- Chamber dimension (DXH) : 90 X 50 mm.
- Reliable firing and pressing for all commercially-available materials.
- Lifting motor, adjustable lift speed.
- With over temp limiter controller to protect the oven and the load.
- Power supply failure protection.
- With vacuum pump.
- Single phase 230 V.

يجب تعبئة الجدول بالأسفل بالإضافة الى تقديم عرض الشركة التقنى

PORCELIAN FURNACE	Compliance Yes / No (if no put your comments)
Manufacture	Manufacture
Model	Model
Origin	Origin
Delivery time	Delivery time
3 years warranty, 10 years availability spare parts.	Yes / No
For dental lab.	Yes / No
Temp : up 1200C with Temp accuracy: ± 1 c .	Yes / No
With clear control .	Yes / No
Controller: programmable and adjustable temperature vacuum time , status massage with service massage ,start time configurable , program entry in steps .	Yes / No
Adjustable vacuum values, adjustable pre vacuum and main vacuum	Yes / No
Fast heating and cooling .	Yes / No
Chamber dimension (DXH) : 90 X 50 mm .	Yes / No
Reliable firing and pressing for all commercially-available materials.	Yes / No



PORCELIAN FURNACE	Compliance Yes / No (if no put your comments)
Lifting motor, adjustable lift speed.	Yes / No
With over temp limiter controller to protect the oven and the load.	Yes / No
Power supply failure protection .	Yes / No
With vacuum pump.	Yes / No
Complete system with all accessories ready to use	Yes / No
Your warranty must be include all spare parts and labor .	Yes / No
Price should be include installation and team training in site .	Yes / No
Service & operation manuals are included & Date of manufacturing of system not less than 2024 .	Yes / No



Item (13) 3D PRINTER 8K or above

- 8k resolution
- Open Material System : print any suitable material from any manufacturer.
- Free update software , lifetime update.
- Different file input.
- Printer speed 90 : mm /H
- Technology : DLP.
- With slice software different type.
- Calibration : Simple , and fast less than 70 seconds
- Change-over materials with no calibration required
- Built in heater for reliable performance
- High power UV 385nm LED or 405 nm.
- Pixel size : dentistry pixel sizes 45 um.
- Connectivity: USB , WIFI, Ethernet
- With resin material : 5 kg

Optional : washer and light cure

السعر يشمل التركيب والتشغيل والتدريب على الاستخدام في المختبرات وعمل عينات تجريبية بشكل ناجح

3D PRINTER 8K or above	Compliance Yes / No (if no put your comments)
Manufacture	Manufacture
Model	Model
Origin	Origin
Delivery time	Delivery time
3 years warranty, 10 years availability spare parts.	Yes / No
8k resolution or above	Yes / No
Open Material System : print any suitable material from any manufacturer .	Yes / No
Free update software , lifetime update.	
Different file input .	
Printer speed : 90mm /H	Yes / No
Technology : DLP .	Yes / No
With slice software different type .	Yes / No
Calibration : Simple , and fast less than 70 seconds	Yes / No
Change-over materials with no calibration required	Yes / No



3D PRINTER 8K or above	Compliance Yes / No (if no put your comments)
Built in heater for reliable performance	Yes / No
High power UV 385nm LED or 405 nm .	Yes / No
Pixel size : dentistry pixel sizes 45 um.	Yes / No
Connectivity :USB , WIFI, Ethernet	Yes / No
With resin material : 5 kg	Yes / No
<u>Optional : washer and light cure</u>	Price
Complete system with all accessories ready to use	Yes / No
Your warranty must be include all spare parts and labor .	Yes / No
Price should be include installation and team training in site (include software application with run samples not less than two days)	Yes / No
Service & operation manuals are included & Date of manufacturing of system not less than 2024 .	Yes / No



Item (14) Dental CAD Design software

- licenses For 5 students at same time .
- Fully open system.
- For dental cad design software application .
- Module : implant library , model creator , partial CAD , complete denture , virtual articulator , jaw motion .RPD
- . Free upgrade up to 2 years.
- Price should be include installation and team training in site (include software application with run samples not less than two days)

Dental CAD Design software	Compliance Yes / No (if no put your comments)
Manufacture	Manufacture
Model or version number	Model
Origin	Origin
Delivery time	Delivery time
2 years warranty,	Yes / No
licenses For 5 students at same time .	Yes / No
Fully open system.	Yes / No
For dental cad design software application .	
<ul style="list-style-type: none"> • Module : implant library , model creator , partial CAD , complete denture , virtual articulator , jaw motion .RPD 	*
Price should be include installation and team training in site . السعر يشمل والتشغيل والتدريب على الاستخدام في المختبرات وعمل عينات تجريبية بشكل ناجح	Yes / No



Item (16) Apex locator

Power: battery.

Clear display and indicator

Auto detects apex accurately in wet or dry .

Alert Sound detect location of file clip .

High detection accuracy rate

System include :

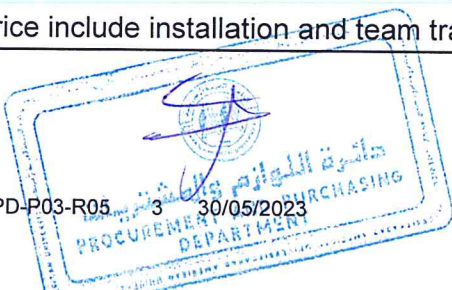
probe cord qty (3 pcs).

file clip qty(3 pcs).

lip hook qty (3 pcs) apex tester qty (1 pcs)

and battery (with one sets extra) .

Apex locator	Compliance Yes / No (if no put your comments)
Manufacture	
Model	
Origin	
3 years warranty	
Power: battery.	
Clear display.	
Auto detects apex accurately in wet or dry .	
Alert Sound detect location of file clip .	
High detection accuracy rate	
System include : apex locator with probe cord qty (3 pcs), file clip qty(3 pcs), lip hook qty (3 pcs) apex tester qty (1 pcs) and battery (with one sets extra) .	
User's and service manual.	
Memory function mode	
Large display	
Date of manufacture not less than 2024.	
Price include installation and team training in site to staff	



Item (17) Cabinet for dust collector cabinet

Led light .
 Switch stop / emergency stop
 Dust glass
 Dust box .
 Female plug .

optional :
 Dust collector

Cabinet for dust collector cabinet	Compliance Yes / No (if no put your comments
Manufacture	
Model	Model
Origin	
3 years warranty	Yes / No
Led light .	Yes / No
Switch stop / emergency stop	Yes / No
Dust glass	Yes / No
Dust box .	Yes / No
Female plug	Yes / No
optional : Dust collector	
Date of manufacture not less than 2024.	
User's and service manual.	Yes / No
Memory function mode	Yes / No
Price include instillation and training on site	Yes / No



الجزء الثاني

2. جدول الكميات والمواصفات الفنية
شراء أجهزة طب اسنان-الحرم الجامعي رام الله

No.	Product	Qty	Unit Price USD	Total Price USD
1.	Micromotor	36		
2.	Bunsen Burner	34		
3.	Trimmer	1		
4.	Vibrator	4		
5.	Boil Out Unit or Water Bath	2		
6.	Hydraulic Press Machine	2		
7.	Porcelain Furnace	1		
8.	Preheating Oven	1		
9.	Steam Generator	1		
10.	Casting Machine	1		
11.	Flasks	20		
12.	Storage Container	1		
13.	Hot Plate for Dental Polyclav	3		
14.	High-speed dental handpiece	14		
15.	Straight low-speed handpiece	14		
16.	Periapical x ray system	1		
17.	Phosphor Plate (PSP) Scanner	1		
18.	Dental Led Curing Light	14		
19.	Dental Amalgamator	14		
20.	Hot Plate for Dental Polyclav	3		
21.	Pressure Curing Pot (Polyclav)	3		
Total				

في حالة وجود استفسار يرجى تزويدنا بها من خلال البريد الالكتروني للرد عليها pnp@aaup.edu

1.Micromotor

Brand name.

3 years warranty, 10 years availability of spare parts.

Origin: USA, EURO, Japan.

- Adjustable Speed 50,000 – 0 rpm.
- Digital speed display and Error code digital display.
- Forward and reverse direction.
- Auto cruise (Speed Holding) forward and reverse direction.
- Operated by: foot, hand, and knee.
- Electrical: 220 V, 50 HZ.
- Hand piece:
- Brushless motor, Torque 7: N.cm, Vibration-free, Noiseless.
- Easy to change chucks and Included: two chucks 2.35.
- The Handpiece cord is more than 1 m with maintenance tools for the handpiece.

Installation:

- The price includes installation and all necessary accessories for start-up.

Safety and Training

- Preferred to be FDA or CE-certified.
- User and service manuals in English.
- On-site application training for operators.
- Spare parts list with availability for ten years.

Priced separately:

- OPTIONAL: Extra Handpiece.

❖ Your offer will not be considered if you don't fill out the table below.

Micromotor	Compliance	Comments
Manufacturer:	Manufacture	
Model	Model	
Country of Origin:	Origin	
Delivery Time:	Delivery	
Warranty: 3 years comprehensive warranty.	Yes/No	
Features: Easy to use, durable design.	Yes/No	
Adjustable Speed 50,000 – 0 rpm.	Yes/No	
Digital speed display and Error code digital display.	Yes/No	
Forward and reverse direction.	Yes/No	
Auto cruise (Speed Holding) Forward and reverse direction.	Yes/No	
Operated by: foot, hand, and knee.	Yes/No	
Electrical: 220 V, 50 HZ.	Yes/No	
Hand piece:	Yes/No	

Brushless motor, Torque 7: N.cm, Vibration-free, Noiseless.	Yes/No	
Easy to change chucks and Included: two chucks 2.35.	Yes/No	
The Handpiece cord is more than 1 m with maintenance tools for the handpiece.	Yes/No	
The price includes installation and all necessary accessories for start-up.	Yes/No	
Preferred to be FDA or CE-certified.	Yes/No	
User and service manuals in English.	Yes/No	
On-site application training for operators.	Yes/No	
Spare parts list with availability for ten years.	Yes/No	
Priced separately:		
OPTIONAL: Extra Handpiece		
Additional Information:		
Service and operation manuals, along with a detailed spare parts list, are provided.	Yes/No	
Manufacture date: The device must be manufactured no earlier than 2024 to ensure up-to-date technology and performance.	Yes/No	



2. Bunsen Burner

Specifications:

Brand name.

3-year warranty.

Suitable for heating applications in dental labs.

Durable construction from heat-resistant materials.

Flame Control: • Adjustable for precise temperature control.

Compatible with natural gas and propane.

Stable, non-slip base for safe operation.

Equipped with a safety shut-off mechanism to prevent gas leakage.

Portable and easy to clean.

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

Compliance Table

Bunsen Burner	Compliance Yes / No	Comments
Manufacturer:		
Model		
Country of Origin:		
Delivery Time:		
Warranty: 3 years comprehensive warranty.		
Suitable for dental lab heating	Yes / No	
Durable, heat-resistant materials	Yes / No	
Adjustable flame control	Yes / No	
Compatible with natural gas/propane	Yes / No	
Stable, non-slip base	Yes / No	
Safety shut-off mechanism	Yes / No	
Portable design	Yes / No	
Easy to clean	Yes / No	
Installation and training included	Yes / No	
Service & operation manuals provided	Yes / No	
Manufacturing date not earlier than 2024	Yes / No	



3. Trimmer

Specifications:

Brand name.

3 years warranty, 10 years availability of spare parts.

Origin: USA, EURO, Japan.

Designed for efficient trimming of plaster models in dental labs.

Wet trimmer with integrated water supply system.

Motor:

• 1400 W, 2800 RPM for high-performance trimming.

Quiet operation with minimal vibration.

Adjustable work table with reinforced aluminum disc support.

Automatic solenoid water valve with tap-flow regulator.

Splash shield for operator protection.

Power Supply: 230 V, 50 Hz.

Includes trimming discs and an extra gasket.

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

Compliance Table

Trimmer	Compliance Yes / No	Comments
Manufacturer:		
Model		
Country of Origin:		
Delivery Time:		
Warranty: 3 years comprehensive warranty.		
Suitable for plaster model trimming	Yes / No	
Wet trimming with water supply	Yes / No	
Motor: 1400 W, 2800 RPM	Yes / No	
Quiet, low-vibration operation	Yes / No	
Adjustable work table with support	Yes / No	
Automatic water valve and flow regulator	Yes / No	
Operator splash shield	Yes / No	
Power: 230 V, 50 Hz	Yes / No	
Includes discs and extra gasket	Yes / No	
Installation and training included	Yes / No	
Service & operation manuals provided	Yes / No	
Manufacturing date not earlier than 2024	Yes / No	



4. Vibrator

Specifications:

Brand name.

3 years warranty, 10 years availability of spare parts.

Origin: USA, EURO, Japan.

Ideal for vibrating dental molds and materials in a lab setting.

Vertical oscillating motion for effective vibration.

Speed Control: Adjustable knob for vibration level customization.

Removable cover for easy cleaning.

Compact design

Power: 230 V, 50 Hz.

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

Compliance Table

Vibrator	Compliance Yes / No	Comments
Manufacturer:		
Model		
Country of Origin:		
Delivery Time:		
Warranty: 3 years comprehensive warranty.		
Suitable for vibrating dental molds	Yes / No	
Vertical oscillation	Yes / No	
Adjustable speed control	Yes / No	
Removable cover for cleaning	Yes / No	
Compact design	Yes / No	
Power: 320 W, 230 V, 50 Hz	Yes / No	
Installation and training included	Yes / No	
Service & operation manuals provided	Yes / No	
Manufacturing date not earlier than 2024	Yes / No	



5. Boil Out Unit or Water Bath

"It is used for the final step of denture elaboration, it helps in boiling out, washing, and cure units."

Specifications:

Brand name.

3 years warranty, 10 years availability of spare parts.

Origin: USA, EURO, Japan.

Capacity:

28 liters.

Recommended Applications:

Wax removal (Boil Out) from dental molds.

Polishing and drying components after polymerization processes.

Exterior Construction:

Made of stainless steel for durability and corrosion resistance.

High-quality finish, easy to clean.

Temperature Control:

Adjustable temperature ranges from 30°C to 100°C.

Digital temperature display for accurate monitoring.

Overheat protection system.

Heating System:

Utilizes a fast and efficient electric heating system to warm the water.

Even heat distribution ensures consistent performance.

Valves and Drainage:

Equipped with a bottom drain valve for easy water discharge.

A detachable drain hose for safe water removal.

Boiling and Steaming Feature:

Integrated steaming feature for the efficient removal of wax residues and other materials.

Lid:

A heat-resistant, insulated lid to prevent heat loss and ensure safety.

Safety Features:

Automatic shut-off function when exceeding the maximum allowed temperature.

Electrical shock protection in compliance with international standards.

Electrical Specifications:

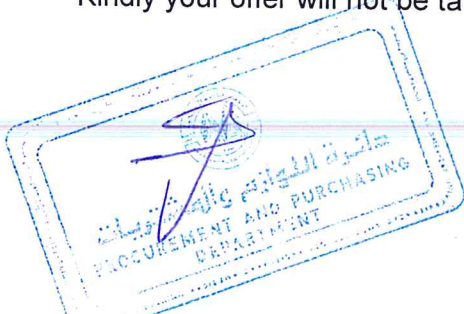
Operates at 220-240V, 50/60Hz.

Optional Accessories:

2 flask baskets Minimum.

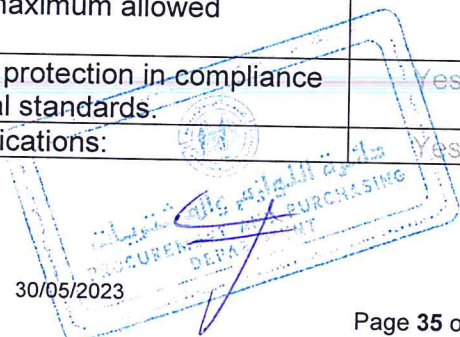
Extra grids are recommended.

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



Compliance Table

Boil Out Unit or Water Bath	Compliance Yes / No	Comments
Manufacturer:		
Model		
Country of Origin:		
Delivery Time:		
Warranty: 3 years comprehensive warranty.	Yes / No	
Capacity:	Yes / No	
28 liters.	Yes / No	
Recommended Applications:	Yes / No	
Wax removal (Boil Out) from dental molds.	Yes / No	
Polishing and drying components after polymerization processes.	Yes / No	
Exterior Construction:	Yes / No	
Made of stainless steel for durability and corrosion resistance.	Yes / No	
High-quality finish, easy to clean.	Yes / No	
Temperature Control:	Yes / No	
Adjustable temperature ranges from 30°C to 100°C.	Yes / No	
Digital temperature display for accurate monitoring.	Yes / No	
Overheat protection system.	Yes / No	
Heating System:	Yes / No	
Utilizes a fast and efficient electric heating system to warm the water.	Yes / No	
Even heat distribution ensures consistent performance.	Yes / No	
Valves and Drainage:	Yes / No	
Equipped with a bottom drain valve for easy water discharge.	Yes / No	
A detachable drain hose for safe water removal.	Yes / No	
Boiling and Steaming Feature:	Yes / No	
Integrated steaming feature for the efficient removal of wax residues and other materials.	Yes / No	
Lid:	Yes / No	
A heat-resistant, insulated lid to prevent heat loss and ensure safety.	Yes / No	
Safety Features:	Yes / No	
Automatic shut-off function when exceeding the maximum allowed temperature.	Yes / No	
Electrical shock protection in compliance with international standards.	Yes / No	
Electrical Specifications:	Yes / No	



Boil Out Unit or Water Bath	Compliance Yes / No	Comments
Operates at 220-240V, 50/60Hz.	Yes / No	
Optional Accessories:	Yes / No	
2 flask baskets Minimum.	Yes / No	
Extra grids are recommended	Yes / No	
Additional Information:	Yes / No	
Service and operation manuals, along with a detailed spare parts list, are provided.	Yes / No	
Manufacture date: The device must be manufactured no earlier than 2024 to ensure up-to-date technology and performance.	Yes / No	



6. Hydraulic Press Machine

Specifications:

Brand name.

3 years warranty, 10 years availability of spare parts.

Origin: USA, EURO, Japan.

Suitable for manual pressing applications in dental labs.

Non-electric, fully mechanical operation for safety and reliability.

Maximum Pressure: 400 bars for various dental pressing processes.

Easy-to-read pressure gauge for precise control.

Sturdy construction with a stable base to withstand high-pressure applications.

Ergonomic handle for ease of use and minimal operator fatigue.

Compact and durable design for extended use in a dental laboratory environment.

Kindly your offer will not be taken **into consideration if you don't fill table below****Compliance Table**

Hydraulic Press Machine	Compliance Yes / No	Comments
Manufacturer:		
Model		
Country of Origin:		
Delivery Time:		
Warranty: 3 years comprehensive warranty.		
Suitable for dental lab pressing	Yes / No	
Non-electric, mechanical operation	Yes / No	
Maximum pressure: 400 bars	Yes / No	
Pressure gauge for control	Yes / No	
Sturdy construction with stable base	Yes / No	
Ergonomic handle	Yes / No	
Compact, durable design	Yes / No	
Installation and training included	Yes / No	
Service & operation manuals provided	Yes / No	
Manufacturing date not earlier than 2024	Yes / No	



7. Porcelain Furnace

Specifications:

Brand name.

3 years warranty, 10 years availability of spare parts.

Origin: USA, EURO, Japan.

Designed for firing and pressing ceramic dental materials.

Temperature Control:

- Maximum temperature: 1200°C with accuracy ±2°C
- Fast heating and cooling capabilities.

Programmable Controller:

- Adjustable temperature, vacuum timing, and program steps.

Includes adjustable pre-vacuum and main vacuum settings.

Equipped with an over-temperature limiter to protect the oven and materials.

Chamber dimensions: ~ 90 x 50 mm.

Lifting motor with adjustable lift speed.

Power supply failure protection.

Power Supply: Single-phase, 230 V.

Includes a vacuum pump.

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

Compliance Table

Porcelain Furnace	Compliance Yes / No	Comments
Manufacturer:		
Model		
Country of Origin:		
Delivery Time:		
Origin: USA, EURO, Japan.		
Suitable for ceramic firing	Yes / No	
Temperature range up to 1200°C ±2°C	Yes / No	
Programmable controller	Yes / No	
Adjustable vacuum settings	Yes / No	
Fast heating and cooling	Yes / No	
Chamber dimensions: ~ 90 x 50 mm	Yes / No	
Over-temperature protection	Yes / No	
Lifting motor with adjustable speed	Yes / No	
Power failure protection	Yes / No	
Power: Single-phase, 230 V	Yes / No	
Vacuum pump included	Yes / No	
Installation and training included	Yes / No	
Service & operation manuals provided	Yes / No	
Manufacturing date not earlier than 2024	Yes / No	



8. Preheating Oven

Specifications:

Brand name.

3 years warranty, 10 years availability of spare parts.

Origin: USA, EURO, Japan.

Preheating oven with circulating air for uniform temperature distribution.

Suitable for heating and curing dental materials.

Temperature Range: Up to 300°C, adjustable with a digital thermostat.

Built with a durable stainless steel interior and high insulation.

Compact size suitable for dental laboratory use.

Includes a digital temperature display for precise monitoring.

Equipped with over-temperature protection for safety.

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

Compliance Table

Preheating Oven	Compliance Yes / No	Comments
Manufacturer:		
Model		
Country of Origin:		
Delivery Time:		
Warranty: 3 years comprehensive warranty.		
Suitable for preheating dental materials	Yes / No	
Temperature adjustable up to 300°C	Yes / No	
Stainless steel interior	Yes / No	
Compact design for lab use	Yes / No	
Digital temperature control	Yes / No	
Over-temperature protection	Yes / No	
Installation and training included	Yes / No	
Service & operation manuals provided	Yes / No	
Manufacturing date not earlier than 2024	Yes / No	



9. Steam Generator

Specifications:

Brand name.

3 years warranty, 10 years availability of spare parts.

Origin: USA, EURO, Japan.

Built to ASME specifications for high safety standards.

Suitable for producing high-pressure steam for dental lab sterilization.

Power Supply: 220 V, 50/60 Hz.

Capacity: 4-6 liters.

Equipped with a safety valve and water level indicator.

Quick heat-up function to generate steam within minutes.

Compact, durable design for reliable, long-term use.

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

Compliance Table

Steam Generator	Compliance Yes / No	Comments
Manufacturer:		
Model		
Country of Origin:		
Delivery Time:		
Warranty: 3 years comprehensive warranty.		
ASME compliance	Yes / No	
Suitable for high-pressure steam output	Yes / No	
Power: 220 V, 50/60 Hz	Yes / No	
Capacity: 4-6 liters	Yes / No	
Safety valve included	Yes / No	
Water level indicator	Yes / No	
Quick heat-up feature	Yes / No	
Compact, durable design	Yes / No	
Installation and training included	Yes / No	
Service & operation manuals provided	Yes / No	
Manufacturing date not earlier than 2024	Yes / No	



10. Casting Machine

Specifications:

Brand name.

3 years warranty, 10 years availability of spare parts.

Origin: USA, EURO, Japan.

Automatic casting machine designed for dental alloy processing.

Compatible with a variety of dental metal alloys.

Alloy Capacity: Up to 60 grams.

Centrifugal Speed: ~430 RPM.

Power adjustable from 20 to 100%.

Built-in closed circuit cooling system to maintain optimal temperatures.

Anti-vibration design for stable, accurate casting.

Safety Features: • Cooling system and electric door lock for operator safety.

Power Supply: 230 V.

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

Compliance Table

Casting Machine	Compliance Yes / No	Comments
Manufacturer:		
Model		
Country of Origin:		
Delivery Time:		
Warranty: 3 years comprehensive warranty.		
Suitable for dental alloy casting	Yes / No	
Alloy capacity: 60 g	Yes / No	
Centrifugal speed: ~ 430 RPM	Yes / No	
Adjustable power: 20-100%	Yes / No	
Closed circuit cooling system	Yes / No	
Anti-vibration design	Yes / No	
Cooling system & electric door lock	Yes / No	
Power: 230 V	Yes / No	
Installation and training included	Yes / No	
Service & operation manuals provided	Yes / No	
Manufacturing date not earlier than 2024	Yes / No	



13. Hot Plate for Dental Polyclav

Good brand name.

3 years warranty, 10 years availability of spare parts.

Material:

Stainless steel surface, suitable for use with various Polyclav units (e.g., 4-liter and 9-liter capacities).

Temperature Control:

Thermostat for adjustable water temperature.

Temperature range: variable, with step 4 reaching approximately 55°C (131°F).

Thermostat set for water temperature at 43°C (109.4°F).

Power Specifications:

Voltage: 230 V, 50/60 Hz.

Power consumption: 125 W to 500 W, depending on the model.

Hot Plate Diameter:

185 mm.

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

Hot Plate for Dental Polyclav	Compliance	Comments
Manufacturer:	Manufacture	
Model	Model	
Country of Origin:	Origin	
Delivery Time:	Delivery	
Warranty: 3 years comprehensive warranty.	Yes/No	
Material:	Yes/No	
Stainless steel surface, suitable for use with various Polyclav units (e.g., 4-liter and 9-liter capacities).	Yes/No	
Temperature Control:	Yes/No	
Thermostat for adjustable water temperature.	Yes/No	
Temperature range: variable, with step 4 reaching approximately 55°C (131°F).	Yes/No	
Thermostat set for water temperature at 43°C (109.4°F).		
Power Specifications:	Yes/No	
Voltage: 230 V, 50/60 Hz.	Yes/No	
Power consumption: 125 W to 500 W, depending on the model.	Yes/No	
Hot Plate Diameter:	Yes/No	
185 mm.	Yes/No	
Maintenance:	Yes/No	

Hot Plate for Dental Polyclav	Compliance	Comments
Low maintenance with easy access for cleaning.	Yes/No	
Additional Information:		
Operation manuals, along with a detailed spare parts list, are provided.	Yes/No	
Manufacture date: The device must be manufactured no earlier than 2024 to ensure up-to-date technology and performance.	Yes/No	

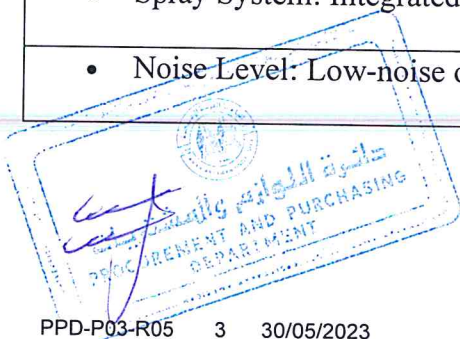


14. High-speed dental handpiece

- Type: High-speed dental handpiece.
- Material: Stainless steel, durable and corrosion-resistant.
- Speed: High rotational speed for precise cutting.
- Connection: Standard 4-hole connection.
- Spray System: Integrated cooling spray.
- Noise Level: Low-noise operation.
- Bearings: High-quality, long-lasting bearings.
- Maintenance: Fully autoclavable and easy to clean.
- Compatibility: Compatible with standard dental burs.
- Warranty: 3 years.

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

High-speed dental handpiece	Compliance Yes / No	Comments
• Manufacturer:	Manufacture	
• Model	Model	
• Country of Origin:	Origin	
• Delivery Time:	Delivery	
• Warranty: 3 years comprehensive warranty.	Yes/No	
• Type: High-speed dental handpiece.	Yes/No	
• Material: Stainless steel, durable and corrosion-resistant.	Yes/No	
• Speed: High rotational speed for precise cutting.	Yes/No	
• Connection: Standard 4-hole connection.	Yes/No	
• Spray System: Integrated cooling spray.	Yes/No	
• Noise Level: Low-noise operation.	Yes/No	



High-speed dental handpiece	Compliance Yes / No	Comments
<ul style="list-style-type: none"> Bearings: High-quality, long-lasting bearings. 	Yes/No	
<ul style="list-style-type: none"> Maintenance: Fully autoclavable and easy to clean. 	Yes/No	
<ul style="list-style-type: none"> Compatibility: Compatible with standard dental burs. 	Yes/No	
<ul style="list-style-type: none"> Spare Parts & Service: <ul style="list-style-type: none"> Warranty for spare parts availability: 10 years from the date of installation. 	Yes/No	
<ul style="list-style-type: none"> Price includes: Installation and on-site training for the dental team. 	Yes/No	
<ul style="list-style-type: none"> Additional Information: <ul style="list-style-type: none"> Service and operation manuals, along with a detailed spare parts list, are provided. 	Yes/No	
<ul style="list-style-type: none"> Manufacture date: The device must be manufactured no earlier than 2024 to ensure up-to-date technology and performance. 	Yes/No	



15. Straight low-speed handpiece

- Type: Straight low-speed handpiece.
- Material: Stainless steel, corrosion-resistant.
- Speed: Up to 40,000 RPM.
- Connection: INTRA system coupling (compatible with Kavo INTRA L Motor 181H).
- Operation: Forward and reverse rotation.
- Sterilization: Fully autoclavable.
- Noise Level: Low-noise operation.
- Design: Lightweight and ergonomic.
- Compatibility: Suitable for standard dental burs.
- Warranty: 3 years.

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

Straight low-speed handpiece	Compliance	Comments
• Manufacturer:	Manufacture	
• Model	Model	
• Country of Origin:	Origin	
• Delivery Time:	Delivery	
• Warranty: 3 years comprehensive warranty.	Yes/No	
• Type: Straight low-speed handpiece.	Yes/No	
• Material: Stainless steel, corrosion-resistant.	Yes/No	
• Speed: Up to 40,000 RPM.	Yes/No	
• Connection: INTRA system coupling (compatible with Kavo INTRA L Motor 181H).	Yes/No	
• Operation: Forward and reverse rotation.	Yes/No	
• Sterilization: Fully autoclavable.	Yes/No	

Straight low-speed handpiece	Compliance	Comments
<ul style="list-style-type: none"> Noise Level: Low-noise operation. 	Yes/No	
<ul style="list-style-type: none"> Design: Lightweight and ergonomic. 	Yes/No	
<ul style="list-style-type: none"> Compatibility: Suitable for standard dental burs. 	Yes/No	
<ul style="list-style-type: none"> Spare Parts & Service: 		
<ul style="list-style-type: none"> <ul style="list-style-type: none"> Warranty for spare parts availability: 10 years from the date of installation. 	Yes/No	
<ul style="list-style-type: none"> <ul style="list-style-type: none"> Price includes Installation and on-site training for the dental team. 	Yes/No	
<ul style="list-style-type: none"> Additional Information: 		
<ul style="list-style-type: none"> <ul style="list-style-type: none"> Service and operation manuals, along with a detailed spare parts list, are provided. 	Yes/No	
<ul style="list-style-type: none"> <ul style="list-style-type: none"> Manufacture date: The device must be manufactured no earlier than 2024 to ensure up-to-date technology and performance. 	Yes/No	



16. Periapical x ray system:**Brand name.****3 years warranty, 10 years availability of spare parts.****Origin: USA, EURO, Japan.****Origin:**

- USA, Europe, or Japan.

Electrical System:

- Based on DC current.
- Electric classification: Electromedical equipment, Class 1 Type B.

Power Supply:

- 230V, single-phase, 50 Hz.

Design:

- Standard wall mounted design.

Generator:

- DC high-frequency generator.
- High voltage: 60/70 kV.
- Anode current: 4-8 mA.
- Focal spot: 0.4 mm.

Timer:

- Adjustable exposure time from 0.02 to 2.0 seconds.

Cone Specifications:

- Long cone with a focus-to-cylinder tip distance of 31 cm (9”).

Accessories:

- Complete system with all necessary accessories.

Warranty:

- Warranty for 3 years, included in the total device cost.
- No separate charges for the warranty.

Additional Requirements:

- The company is required to visit the designated site before pricing to assess all installation requirements, including power and space needs, and provide detailed information in the submitted offer. **Failure to do so will make the company liable for all necessary expenses and materials required for the optimal installation and operation of the device.**
- The arm length of the device must be appropriate for the room size.
- A detailed X-ray tube specification sheet must be provided, clearly indicating the country of manufacture and origin.



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

Periapical x ray system	Compliance	Comments
Manufacturer:	Manufacture	
Model	Model	
Country of Origin:	Origin	
Delivery Time:	Delivery	
Warranty: 3 years comprehensive warranty.	Yes/No	
Electrical System:	Yes/No	
Based on DC current.	Yes/No	
Electric classification: Electromedical equipment, Class I Type B.	Yes/No	
Power Supply:		
230V, single-phase, 50 Hz.	Yes/No	
Design:		
Standard wall mounted design.		
Generator:	Yes/No	
DC high-frequency generator.	Yes/No	
High voltage: 60/70 kV.	Yes/No	
Anode current: 4-8 mA.	Yes/No	
Focal spot: 0.4 mm.	Yes/No	
Timer:	Yes/No	
Adjustable exposure time from 0.02 to 2.0 seconds.	Yes/No	
Cone Specifications:	Yes/No	
Long cone with a focus-to-cylinder tip distance of 31 cm (9").	Yes/No	
Accessories:	Yes/No	
Complete system with all necessary accessories.	Yes/No	
Warranty:		
Warranty for 3 years, included in the total device cost.	Yes/No	
No separate charges for the warranty.	Yes/No	
Additional Requirements:	Yes/No	
The company is required to visit the designated site before pricing to assess all installation requirements, including power and space needs, and provide detailed information in the submitted offer. Failure to do so will make the company liable for all necessary expenses and materials	Yes/No	



Periapical x ray system	Compliance	Comments
required for the optimal installation and operation of the device.		
The arm length of the device must be appropriate for the room size.	Yes/No	
A detailed X-ray tube specification sheet must be provided, clearly indicating the country of manufacture and origin.	Yes/No	
Others:		
Service and operation manuals, along with a detailed spare parts list, are provided.	Yes/No	
Manufacture date: The device must be manufactured no earlier than 2024 to ensure up-to-date technology and performance.	Yes/No	
Your warranty must include all spare parts and labor.	Yes/No	
Your warranty includes at least two visits at least (preventive maintenance) on-site for each year's warranty from the date of the installation.	Yes/No	
Price includes installation team training (doctor, staff for operation training) in site	Yes/No	



17. Phosphor Plate (PSP) Scanner

Brand name.

3 years warranty, 10 years availability of spare parts.

Origin: USA, EURO, Japan.

Scanning Technology:

- Utilizes phosphor plate technology for digital radiographic image capture and processing.

Compatibility:

- Compatible with intraoral phosphor plates of sizes 0, 1, and 2.
- Please add 6 plates of size (2) to the purchase order.

Resolution:

- High-resolution scanning for detailed dental imaging.
- Optical resolution up to 17-20 LP/mm (line pairs per millimeter).

Processing Speed:

- Fast image acquisition and processing.
- Scanning time under 10 seconds per plate for efficient workflow.

Software Integration:

- Includes easy-to-use software for image management, enhancement, and sharing.
- Compatible with DICOM standard for image storage and transfer.

Display Features:

- Immediate image preview on the integrated screen or via connected PC.
- Real-time visualization of the scanned image.

Design and Build:

- Compact, lightweight, and easy to fit in any dental operator.
- Durable construction, designed for long-term use.

Maintenance and Cleaning:

- Simple maintenance and easy cleaning for infection control.

Computer System should be included in the price separately :

- Processor: Intel Core i5 or higher.
- RAM: 8 GB or more.
- Storage: 256 GB SSD for fast performance, plus 1 TB HDD for storage.
- Graphics: Dedicated GPU with 2 GB VRAM.
- Display: Full HD monitor (1920x1080).
- Operating System: Windows 10 or later, 64-bit.
- Connectivity: USB 3.0, Ethernet, and Wi-Fi.

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

Phosphoric Plate (PSP) Scanner	Compliance	Comments
Manufacturer:	Manufacture	
Model	Model	
Country of Origin:	Origin	
Delivery Time:	Delivery	
Warranty: 3 years comprehensive warranty.	Yes/No	

Phosphoric Plate (PSP) Scanner	Compliance	Comments
Scanning Technology:	Yes/No	
<ul style="list-style-type: none"> Utilizes phosphor plate technology for digital radiographic image capture and processing. 	Yes/No	
Compatibility:	Yes/No	
<ul style="list-style-type: none"> Compatible with intraoral phosphor plates of sizes 0, 1, and 2. 	Yes/No	
<ul style="list-style-type: none"> Please add 6 plates of size (2) to the purchase order. 	Yes/No	
Resolution:		
<ul style="list-style-type: none"> High-resolution scanning for detailed dental imaging. 	Yes/No	
<ul style="list-style-type: none"> Optical resolution up to 17-20 LP/mm (line pairs per millimeter). 	Yes/No	
Processing Speed:	Yes/No	
<ul style="list-style-type: none"> Fast image acquisition and processing. 	Yes/No	
<ul style="list-style-type: none"> Scanning time under 10 seconds per plate for efficient workflow. 	Yes/No	
Software Integration:	Yes/No	
<ul style="list-style-type: none"> Includes easy-to-use software for image management, enhancement, and sharing. 	Yes/No	
<ul style="list-style-type: none"> Compatible with DICOM standard for image storage and transfer. 	Yes/No	
Display Features:	Yes/No	
<ul style="list-style-type: none"> Immediate image preview on the integrated screen or via connected PC. 	Yes/No	
<ul style="list-style-type: none"> Real-time visualization of the scanned image. 	Yes/No	
Design and Build:	Yes/No	
<ul style="list-style-type: none"> Compact, lightweight, and easy to fit in any dental operatory. 	Yes/No	
<ul style="list-style-type: none"> Durable construction, designed for long-term use. 		
Maintenance and Cleaning:	Yes/No	
<ul style="list-style-type: none"> Simple maintenance and easy cleaning for infection control. 	Yes/No	
Computer System should be included in the price separately :	Yes/No	
<ul style="list-style-type: none"> Processor: Intel Core i5 or higher. 	Yes/No	
<ul style="list-style-type: none"> RAM: 8 GB or more. 	Yes/No	
<ul style="list-style-type: none"> Storage: 256-GB SSD for fast performance, plus 1 TB HDD for storage. 	Yes/No	

Phosphoric Plate (PSP) Scanner	Compliance	Comments
<ul style="list-style-type: none"> Graphics: Dedicated GPU with 2 GB VRAM. 	Yes/No	
<ul style="list-style-type: none"> Display: Full HD monitor (1920x1080). 	Yes/No	
<ul style="list-style-type: none"> Operating System: Windows 10 or later, 64-bit. 	Yes/No	
<ul style="list-style-type: none"> Connectivity: USB 3.0, Ethernet, and Wi-Fi. 	Yes/No	
Additional Information:		
<ul style="list-style-type: none"> Service and operation manuals, along with a detailed spare parts list, are provided. 	Yes/No	
<ul style="list-style-type: none"> Manufacture date: The device must be manufactured no earlier than 2024 to ensure up-to-date technology and performance. 	Yes/No	
<ul style="list-style-type: none"> Your warranty must include all spare parts and labor. 		
<ul style="list-style-type: none"> Your warranty includes at least two on-site visits at least (preventive maintenance) for each year's warranty from the installation date. 		
<ul style="list-style-type: none"> Price includes installation team training (doctors, staff for operation training) on-site 		



18.Dental Led Curing Light

Brand name.

3 years warranty,

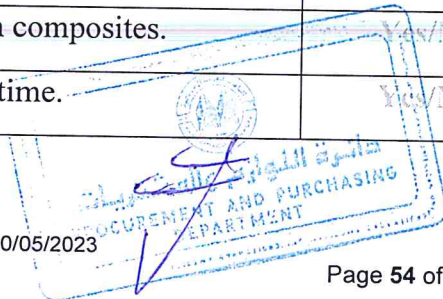
- Portable and cordless.
- LED technology.
- Wavelength:420-480 nm.
- Minimum power: 1,250 mW/cm2 on (Ø7.5mm light guide).
- Different curing modes.
- Cures most known composites.
- With short curing time.
- Protective shield.
- With a charger and rechargeable battery. (Lithium Battery)
- Easy to change battery back and light cure tip.
- Rigid protection shield for a focused blue light with no danger to the retina
- Autoclavable multi-fiber glass light guide

Option price :

- Tips and rechargeable batteries.

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

Dental Led Curing Light	Compliance Yes / No	comments
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery	
3 years warranty	Yes/No	
Portable and cordless.	Yes/No	
LED technology.	Yes/No	
Wavelength:420-480 nm.	Yes/No	
Minimum power: 1,250 mW/cm2 on (Ø7.5mm light guide).	Yes/No	
Different curing modes.	Yes/No	
Cures most known composites.	Yes/No	
With short curing time.	Yes/No	



Dental Led Curing Light	Compliance Yes / No	comments
Protective shield.	Yes/No	
With a charger and rechargeable battery.(Lithium Battery)	Yes/No	
Easy to change battery back and light cure tip.	Yes/No	
Rigid protection shield for a focused blue light with no danger to the retina	Yes/No	
Autoclavable multi-fiber glass light guide	Yes/No	
Option price :	Price	
Tips and rechargeable battery.		
User's and service manual.	Yes/No	
Price includes installation and team training on site.	Yes/No	
3 years warranty, 10 years availability of spare parts	Yes/No	
Date of manufacture not less than 2024		

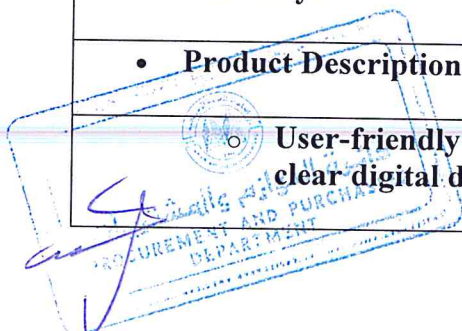


19.Dental Amalgamator

- Brand name.
- 3 years warranty
- Product Description:
 - User-friendly pad controls with a clear digital display.
 - Includes a door safety feature to prevent accidents during operation.
 - Mixing frequency: No less than 4200 oscillations per minute.
 - Mixing time: Fully adjustable from 1 to 99 seconds, providing flexibility in mixing cycles.
 - Oscillating range: Not less than 25mm, ensuring thorough mixing of amalgam.
 - Quiet operation with low vibration for minimal noise during use.
 - Sealed mixing area for enhanced safety and contamination control.
 - Capable of mixing multiple types of capsules, making it a versatile tool for dental practices.
 - Complete and ready to use upon delivery.
 - Includes service and user manuals with a detailed spare parts list.
- Electrical Requirements:
 - Voltage: 220V, Frequency: 50Hz.
- Spare Parts & Service:
 - Warranty for spare parts availability: 10 years from the date of installation.
 - Price includes: Installation and on-site training for the dental team.
- Additional Information:
 - Service and operation manuals, along with a detailed spare parts list, are provided.
 - Manufacture date: The device must be manufactured no earlier than 2024 to ensure up-to-date technology and performance.

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

Dental Amalgamator	Compliance Yes / No	Comments
• Manufacturer: [Specify Manufacturer]	Manufacture	
• Model: [Specify Model]	Model	
• Country of Origin: [Specify Country]	Origin	
• Delivery Time: [Specify Time]	Delivery	
• Warranty: 3 years comprehensive warranty.	Yes/No	
• Product Description:		
○ User-friendly pad controls with a clear digital display.	Yes/No	



Dental Amalgamator	Compliance Yes / No	Comments
○ Includes a door safety feature to prevent accidents during operation.	Yes/No	
○ Mixing frequency: No less than 4200 oscillations per minute.	Yes/No	
○ Mixing time: Fully adjustable from 1 to 99 seconds, providing flexibility in mixing cycles.	Yes/No	
○ Oscillating range: Not less than 25mm, ensuring thorough mixing of amalgam.	Yes/No	
○ Quiet operation with low vibration for minimal noise during use.	Yes/No	
○ Sealed mixing area for enhanced safety and contamination control.	Yes/No	
○ Capable of mixing multiple types of capsules, making it a versatile tool for dental practices.	Yes/No	
○ Complete and ready to use upon delivery.	Yes/No	
○ Includes service and user manuals with a detailed spare parts list.	Yes/No	
• Electrical Requirements:		
○ Voltage: 220V, Frequency: 50Hz.	Yes/No	
• Spare Parts & Service:		
○ Warranty for spare parts availability: 10 years from the date of installation.	Yes/No	



Dental Amalgamator	Compliance Yes / No	Comments
<ul style="list-style-type: none"> ○ Price includes: Installation and on-site training for the dental team. 	Yes/No	
<ul style="list-style-type: none"> • Additional Information: 		
<ul style="list-style-type: none"> ○ Service and operation manuals, along with a detailed spare parts list, are provided. 	Yes/No	
<ul style="list-style-type: none"> ○ Manufacture date: The device must be manufactured no earlier than 2024 to ensure up-to-date technology and performance. 	Yes/No	



20. Hot Plate for Dental Polyclav

Good brand name.

3 years warranty, 10 years availability of spare parts.

- **Material:**
 - Stainless steel surface, suitable for use with various Polyclav units (e.g., 4-liter and 9-liter capacities).
- **Temperature Control:**
 - Thermostat for adjustable water temperature.
 - Temperature range: variable, with step 4 reaching approximately 55°C (131°F).
 - Thermostat set for water temperature at 43°C (109.4°F).
- **Power Specifications:**
 - Voltage: 230 V, 50/60 Hz.
 - Power consumption: 125 W to 500 W, depending on the model.
- **Hot Plate Diameter:**
 - 185 mm.

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

Hot Plate for Dental Polyclav	Compliance	Comments
Manufacturer:	Manufacture	
Model	Model	
Country of Origin:	Origin	
Delivery Time:	Delivery	
Warranty: 3 years comprehensive warranty.	Yes/No	
Material:	Yes/No	
Stainless steel surface, suitable for use with various Polyclav units (e.g., 4-liter and 9-liter capacities).	Yes/No	
Temperature Control:	Yes/No	
Thermostat for adjustable water temperature.	Yes/No	
Temperature range: variable, with step 4 reaching approximately 55°C (131°F).	Yes/No	
Thermostat set for water temperature at 43°C (109.4°F).		
Power Specifications:	Yes/No	
Voltage: 230 V, 50/60 Hz.	Yes/No	
Power consumption: 125 W to 500 W, depending on the model.	Yes/No	
Hot Plate Diameter:	Yes/No	
185 mm.	Yes/No	
Maintenance:	Yes/No	

Hot Plate for Dental Polyclav	Compliance	Comments
<ul style="list-style-type: none"> • Low maintenance with easy access for cleaning. 	Yes/No	
Additional Information:		
<ul style="list-style-type: none"> • Operation manuals, along with a detailed spare parts list, are provided. 	Yes/No	
<ul style="list-style-type: none"> • Manufacture date: The device must be manufactured no earlier than 2024 to ensure up-to-date technology and performance. 	Yes/No	



21. Pressure Curing Pot (Polyclav)

Brand name.

3 years warranty, 10 years availability of spare parts.

Origin: USA, EURO, Japan.

- Material:
 - Stainless steel or aluminum with Teflon inner coating for enhanced durability and resistance to corrosion and wear.
- Capacity:
 - 6 liters, suitable for curing various dental materials.
- Weight:
 - Between 2.5 kg and 3.4 kg(Not more), depending on the material used.
- Pressure Specifications:
 - Working pressure: 2.0 – 2.2 bar (29 – 32 psi).
 - Maximum pressure: 2.5 bar.
 - Test pressure: 4 bar.
 - Maximum pressure in compressed air circulation: 8.0 bar.
- Temperature Range:
 - Maximum working temperature: 50°C (122°F).
- Compliance:
 - Pressure vessel Category I, in accordance with guideline 97/23 EC for safety and performance.

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

Pressure Curing Pot (Polyclav)	Compliance	Comments
Manufacturer:	Manufacture	
Model	Model	
Country of Origin:	Origin	
Delivery Time:	Delivery	
Warranty: 3 years comprehensive warranty.	Yes/No	
Material:	Yes/No	
Stainless steel or aluminum with Teflon inner coating for enhanced durability and resistance to corrosion and wear.	Yes/No	
Capacity:	Yes/No	
6 liters, suitable for curing various dental materials.	Yes/No	
Weight:	Yes/No	



Pressure Curing Pot (Polyclav)	Compliance	Comments
Between 2.5 kg and 3.4 kg(Not more), depending on the material used.		
Pressure Specifications:	Yes/No	
Working pressure: 2.0 – 2.2 bar (29 – 32 psi).	Yes/No	
Maximum pressure: 2.5 bar.	Yes/No	
Test pressure: 4 bar.	Yes/No	
Maximum pressure in compressed air circulation: 8.0 bar.	Yes/No	
Temperature Range:	Yes/No	
Maximum working temperature: 50°C (122°F).	Yes/No	
Compliance:	Yes/No	
Pressure vessel Category I, in accordance with guideline 97/23 EC for safety and performance.	Yes/No	
Maintenance:	Yes/No	
<ul style="list-style-type: none"> Low maintenance with easy access for cleaning. 	Yes/No	
Additional Information:		
<ul style="list-style-type: none"> Service and operation manuals, along with a detailed spare parts list, are provided. 	Yes/No	
<ul style="list-style-type: none"> Manufacture date: The device must be manufactured no earlier than 2024 to ensure up-to-date technology and performance. 	Yes/No	

