



دائرة اللوازم والمشتريات

عطاء رقم (T11 /2021.22)

أجهزة طب أسنان

2021-2022



عطاء أجهزة طب أسنان

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(2) الشروط والتعليمات التنظيمية للعطاء

(3) طريقة الدفع

ب- الجزء الثاني:

(1) جدول الكميات ومواصفات الفنية



الجزء الأول (1)

إعلان طرح عطاء رقم T11-2021.22

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 دولار أمريكي تدفع في إحدى البنوك المعتمدة وذلك اعتباراً من يوم (الاثنين) الموافق 10/1/2022

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 (الاثنين) 24/1/2022 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 (دولار) 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



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 (دولار) 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 تشتمل 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 اضرار 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 والموعده المحدد كآخر موعد لتقديم العروض.
22. يجب تعبئة جداول المواصفات المرفقة و لن ينظر بأي عرض لا يلتزم بتعبئة الجداول.

- ❖ ويسمح 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).



(3)

طريقة الدفع

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



الجزء الثاني

1. جدول الكميات والمواصفات الفنية
عطاء أجهزة طب أسنان

No.	Product	Qty	Unit Price USD	Total Price USD
1.	Digital panoramic with Celphalomtry	1		
2.	Laser detection of caries	3		
3.	scanner for Periapical X ray	3		
4.	Vibrator	4		
5.	Trimmer	2		
6.	Light cure unit	8		
7.	Micromotor	45		
8.	deflasking Chisel	2		
9.	Polish Machine	2		
10.	Ultrasonic bath	2		
11.	Sand plaster	3		
12.	Dental Surveyor	2		
13.	Wax Electric	2		
14.	Vacuum mixer	2		
15.	Dental Steam Cleaner	1		
16.	De Wax machine oven	1		
17.	PORCELIAN FURNACE	3		
18.	Vacuum Forming Machine	1		
19.	Casting machine	2		
20.	Polyclave with hotplate	2		
21.	Gothic arch tracer kit	5		



No.	Product	Qty	Unit Price USD	Total Price USD
22.	Fox plane	5		
23.	Soft tissue laser	1		
24.	Soldering unit	1		
25.	Dental Bleaching unit	2		
26.	Portable Dental Nitrous Oxide Systems	1		
27.	Dental Digital Anesthesia Machine	1		
28.	Surveyor with milling machine	2		
29.	Genova handpiece for Laser Biomodulation Therapy (LLLT) for (Lightwalker AT S) Laser machine Model: (M021-5AF/1 S)	2		
30.	Smile design software	1		
Total				

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



Item 1

Digital panoramic with Cephalometry

System include following :

- Digital panoramic with Cephalometry include P.C (hardware and software) DICOM .
- Origin: USA , Europe

Specification :**X-ray generator :**

- High Frequency X-Ray generator 140khz or more .
- Digital microprocessor control .

- minimum Exposure time for panoramic and ceph .

X-Ray tube :

- Focal Spot : 0.5 mm.
- Total Filtration: Equivalent to 2.5mm .
- 60 - 90 KV or better (1 -2) KV steps .
- Cathode Current : 2- 15 mA

Basic unit :

- Should have fully motorized patient positioning ,system positioning guides, fully head adjustable head support , chin rest and supporting (includes ear supports, adjustable graduated nasion support, and Frankfort positioning and 4-point head rests) .
- Control: Unit should have operation via remote control or centralized workstation.
- Should have exposure counters total no of images.
- Should have a test mode which disables X-ray radiation during operation.

Digital sensor :

- Two sensors (panoramic and one for ceph.) eliminate the need to change sensors between examinations .
- sensors (panoramic & ceph.): CMOS / CSI or DCS sensor .
- minimum panoramic and ceph Sensor pixel size .
- panoramic active filed : 15x6 mm
- ceph active filed : 23x6 mm .
- minimum exposure time for panoramic and ceph .

Modes of Operation with the following exams and Views:

- General dentistry , orthodontics ,
- Full Panoramic .
- TMJ : lateral TMJ x2 , lateral TMJ x4 ,PA ,Open and close TMJ (AP and PA view TMJ) .
- Cephalometric (with and without filter)
- Lateral View for skull .
- AP/PA View for skull .
- Submento-Vertex View .
- Multi slice in posterior tooth region .
- Carpus View (hand and wrist view) .
- For Adult/Child Panoramic, and Sinus .
- Preprogrammed values for adult/child .
- automatic tracing software .
- ability to focus on area interest and create slices along the jaws for allow buccal / lingual exploration.
- Effective exposure time : adjustable timer (pediatric & adult) for the available imaging programmers

Computer System and Software :

- Brand name computer (HP or Dell) .
- PC system configuration is compatible with the x-ray system(as manufacturer recommendation requirements or higher) .
- LAN/Ethernet connection , CD/DVD , R/W.
- Image transfer and storage to CD
- Integrated DICOM services .
- High efficiency Graphics card .
- Should include clear and good size HD monitor with high resolution to ensure image quality.
- Large capacity (not less 1 TB)
- Dental Image processing Software with automatic tracing with land mark to recognizes anatomical structures.



- By Software User be able to manipulate region of interest ,zoom ,contrast and zoom and brightness adjustment ,measurement etc .
- Capable of archiving & printing selected image to standred DICOM destination in DICOM 3.0 formatting .
- Integrated DICOM services .
 - Operation Software must be installed to pc by manufacturer company not by local company .
 - Any Software updates should be free of charge during the first 5 years and done by supplier .

DICOM compatibility

- Media Storage – saving images into removable DICOM media
- Print – printing images on film or paper with a DICOM medical printer
- Storage – saving images into DICOM image archive
- Query/ Retrieve – importing digital images from DICOM image archive
- Work list – importing a patient list from DICOM patient management
- Storage Commitment – confirmation of a successful image storage .

Following information must be clear and included with your offer:

يجب على الشركة المتقدمة لهذا البند ان يتوفر لديها مهندس أجهزة طبية واحد على الاقل لديه خبره في مجال صيانة الأشعة ولديه السنية معتمدة (يرجى ارفاق المعلومات بالعرض و الاسم) على الاقل دورة تدريبيه واحدة على صيانة الأشعة

تلتزم الشركة بزيارة الموقع المخصص قبل التسعير لإبداء جميع متطلبات التركيب التي تلتزم لعمل الجهاز من حيث الموقع والكهرباء وما يلزم وتوضيح ذلك في العرض المقدم من قبلها

2D Digital Panoramic with Cephalometry	Compliance Yes / No (if no put your comments)
Manufacture	Manufacture
Model	Model
Origin	Origin
Delivery time	Delivery time
5 years warranty	yes
Manufacture of tube يجب ارفاق معلومات التقنية	Manufacture
Model of tube	Model
Origin of tube	Origin
Digital panoramic with Celphalomtry include P.C (hardware and software) DICOM	
X-ray generator :	
High Frequency X-Ray generator 140khz or more .	
Digital microprocessor control .	
minimum Exposure time for panoramic and ceph .	
X-Ray tube :	
Focal Spot : 0.5 mm.	
Total Filtration: Equivalent to 2.5mm .	
60 - 90 KV or better (1 -2) KV steps .	
Cathode Current : 2- 15 mA	
Basic unit :	
Should have fully motorized patient positioning ,system positioning guides, fully head adjustable head support , chin rest and supporting (includes ear supports, adjustable graduated nasion support, and Frankfort positioning and 4-point head rests) .	
Control: Unit should have operation via remote control or centralized workstation.	
Should have exposure counters total no of images.	
Should have a test mode which disables X-ray radiation during operation.	



2D Digital Panoramic with Cephalometry	Compliance Yes / No (if no put your comments)
Work list – importing a patient list from DICOM patient management	
Storage Commitment – confirmation of a successful image storage .	
يجب على الشركة المتقدمة لهذا البند ان يتوفر لديها مهندس أجهزة طبية واحد على الاقل لديه خبره في مجال صيانة الأشعة ولديه على الاقل دورة تدريبية واحدة على صيانة الأشعة معتمدة (يرجى ارفاق المعلومات بالعرض و الاسم)	
تلتزم الشركة بزيارة الموقع المخصص قبل التسعير لإبداء جميع متطلبات التركيب التي تلتزم لعمل الجهاز من حيث الموقع والكهرباء وما يلزم وتوضيح ذلك في العرض المقدم من قبلها	
Your warranty must be include all spare parts and labor .	
Your warranty include at least two visits at least (preventive maintenance) in site for each year warranty from the date of the installation .	
10 years Warranty for spare parts Availability from date of instillation	
Price should be include installation and team training in site to doctors , staff .	
Your offer should be include price for service training for one person in factory.	
Service & operation manuals are included	
Date of manufacturing of panoramic system and printer not less than 2021 .	
with FDA / CE certificate	



Item 2

Laser detection of caries

LASER fluorescence

Simple and handheld .

safe and reliable caries diagnosis.

For detection of fissure and proximal caries with monitor the development of caries. With the Paro probe, you can also detect plaque in the gingival pockets.

With display

With all accessories ready to work

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

<u>Laser detection of caries</u>	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
LASER fluorescence	Yes / No
Simple and handheld .	Yes / No
safe and reliable caries diagnosis.	Yes / No
For detection of fissure and proximal caries with monitor the development of caries. With the Paro probe, you can also detect plaque in the gingival pockets.	Yes / No
With display	Yes / No
With all accessories ready to work	
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 2021 .	Yes / No



Item 3

scanner for Periapical X ray

Brand name.

3 years warranty, 10 years availability spare parts.

Origin: USA, EURO

Clear display .

Scan resolution: 22lp/mm

Images bit : 16 bit , 1000 dpi

connection via USB /LAN / WLAN

With all plate((size 0 Qty / 5) , (size 1 Qty / 4) , (size 2 Qty / 5) , (size 3 Qty / 2) , (size 4 Qty / 2))

Software :

to manage images

It can to transfer or share images to multiple PCs with by a network .

Easy import and export images .

With cleaning material for clean Phosphor plate .

With holder system for psp .

Computer:

Good brand

High resolution

Specification of the pc not less than of manufacture recommendation .

With all accessories and ready to use.

يجب تعبئة الجدول بالأسفل بالإضافة الى تقديم عرض الشركة التقني

plate scanner for Periapical X ray	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
Clear display .	Yes / No
Scan resolution: 22lp/mm	Yes / No
Images bit : 16 bit , 1000 dpi	Yes / No
connection via USB /LAN / WLAN	Yes / No
With all plate((size 0 Qty / 5) , (size 1 Qty / 4) , (size 2 Qty / 5) , (size 3 Qty / 2) , (size 4 Qty / 2))	Yes / No
Software :	Yes / No
to manage images	Yes / No
It can to transfer or share images to multiple PCs with by a network .	Yes / No
Easy import and export images .	Yes / No
With cleaning material for clean Phosphor plate .	Yes / No
With holder system for psp .	
Computer:	
Good brand	
High resolution	



plate scanner for Periapical X ray	Compliance Yes / No (if no put your comments)
Specification of the pc not less than of manufacture recommendation .	
With all accessories and ready to use .	
Your warranty must be include all spare parts and labor.	Yes / No
Your warranty include 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 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 intraoral x ray system not less than 2021	Yes / No



Item 4

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 WXD_XH : 26 X 15x 10 cm .

Power : 320 W , 230 V / 50 Hz .

3 years warranty .

- 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 WXD _X H : 14 X 17 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 2021 .	Yes / No



Item 5

Trimmer**3 years 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 .

With extra one gasket .

- يجب تعبئة الجدول بالأسفل بالإضافة الى تقديم عرض الشركة التقنى وفى حال عدم تعبئة الجدول بالأسفل أو عدم وجود عرض تقنى 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 .	Yes / No
With extra one gasket.	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.	Yes / No
Date of manufacturing of Trimmer not less than 2021 .	Yes / No



Item 6

Light cure unitFor dental lab

3 years warranty

36 HIGHT-POWER UV LED 48W

SPETTRO: 365-405nm

light curing unit is designed for easy fabrication of the acrylic devices that are routinely used in removable dental procedures.

Timer

Power on off .

OPTINAL PRICE:

LAMP

Light cure unit	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
36 HIGHT-POWER UV LED 48W	Yes / No
SPETTRO: 365-405nm	Yes / No
light curing unit is designed for easy fabrication of the acrylic devices that are routinely used in removable dental procedures.	Yes / No
Timer	Yes / No
Power on off .	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 (run two cycles tests complete)	Yes / No
Service & operation manuals are included & Date of manufacturing of system not less than 2021.	Yes / No



Item 7

Micromotor

3 years warranty, 10 years availability spare parts.
 Adjustable Speed : 0 – 40,000 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.

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 – 40,000 rpm.	Yes / No
Digital speed display .	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
Date of manufacturing of system not less than 2021 .	Yes / No



Item 8

deflasking Chisel**For dental lab**

Good Brand Name and Country of origin (USA , Europe , Japan)
Pneumatic deflasking Chisel .

Air consumption : 9 L min and Hand arm acceleration : 7 m/s .
piston frequency : 110 Hz / 130 Hz , Working pressure : 4 – 6 bar .
Noise level : 80 db (A) or less .

With chisel insert , connection hose 2 meter , Set of connection filters .
Service and user manual And spare parts list included .

Price include installation with training in site .

Optional price :

Different chisel insert

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

deflasking Chisel	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
Pneumatic deflasking Chisel .	Yes / No
Air consumption : 9 L min .	Yes / No
Hand arm acceleration : 7 m/s .	Yes / No
piston frequency : 110 Hz / 130 Hz , Noise level : 80 db (A) or less .	Yes / No
Working pressure : 4 – 6 bar .	Yes / No
With chisel insert included with Unit price . (plz Mention Cat log Number)	Yes / No
With connection hose 2 meter , Set of connection filters .	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 deflasking Chisel not less than 2021.	Yes / No
<i>Optional price :</i>	Yes / No
Different chisel insert (channeled chisel , standard)	Price



Item 9

Polish Machine**For dental lab****3 years warranty**

Good Brand Name and Country of origin (USA , Europe , Japan)

Polish station with light and suction .

Speed selection knob : two speed low (1000- 1500 rpm) & high (2500 – 3000 rpm) with twin speed polish lathe .

Two stand stainless steel quick release (brush holder) suitable for all kind of brushes with quick chuck .

Unit Price include spiral chuck , With cones to support disc .

Main power switch and speed control switch

Thermal protective and electric fuse .

overall stability , Rubber feet .

Power : 350 W - 220v / 50 Hz .

Complete system comes with a heavy gauge, stainless steel cabinet, o dust collection trays,

two insert pans and Wing Polishing lathe.

Optional :

With acrylic cardide burs

Polish station with light and suction

يجب تعبئة الجدول بالأسفل بالإضافة الى تقديم عرض الشركة التقنى

Polish Machine	Compliance Yes / No (if no put your comments)
Manufacture	Manufacture
Model	Model
Origin	Origin
Delivery time	Delivery time
3 years warranty	Yes / No
Speed selection knob : two speed low (1000- 1500 rpm) & high (2500 – 3000 rpm) with twin speed polish lathe .	Yes / No
Two stand stainless steel quick release (brush holder) suitable for all kind of brushes	Yes / No
With cones to support disc .	Yes / No
Polish station with light and suction .	Yes / No
Main power switch and speed control switch	Yes / No
Thermal protective and electric fuse .	Yes / No
overall stability , Rubber feet .	Yes / No
Power : 350 W - 220v / 50 Hz .	Yes / No
With aluminum splash guard with shield .	Yes / No
Complete system	Yes / No
Service and user manual And spare parts list included .	Yes / No
Optional : Polish station with light and suction .	
Price include installation with training in site .	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 .	
Service & operation manuals are included with spare part list .	Yes / No
Date of manufacturing of Polish machine not less than 2021 .	Yes / No



ITEM 10

Ultrasonic bath

- Good Brand name.
- Origin: USA, Europe, japan.
- For cleaning dental and medical tools .
- Microprocessor control .
- Frequency : 37khz .
- With temperature control
- 12 L.
- With cover .
- With basket (immersion basket)
- Anti chemical and corrosive stainless steel .
- With timer

يجب تعبئة الجدول بالأسفل بالإضافة الى تقديم عرض الشركة التقني

Ultrasonic bath	Compliance Yes / No (if no put your comments)
Manufacture	Manufacture
Model	Model
Origin : USA , Europe	Origin
Delivery time	Delivery
3 years warranty	Yes/No
cleaning dental and medical tools .	Yes/No
Microprocessor control .	Yes/No
Frequency : 37khz .	Yes/No
With temperature control	Yes/No
12 L.	Yes/No
With cover .	Yes/No
With basket (immersion basket)	Yes/No
Anti chemical and corrosive stainless steel .	Yes/No
With timer	Yes/No
On/off switch .	Yes/No
User's and service manual.	Yes/No
Price include installation and team training in site.	Yes/No
3 years warranty, 10 years availability spare parts	Yes/No
Date of manufacture not less than 2021	



Item 11

Sand plaster

Brand name.

3 years warranty, 10 years availability spare parts.

Origin: USA, EURO ,japan .

- Blasting chamber volume 10 l.
- With two tank (1 liter each)
- Florescent light .
- 230 V.
- 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 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
Date of manufacturing of system not less than 2021 .	Yes / No



Item 12

Dental Surveyor

3 years warranty, 10 years availability spare parts .

Origin: USA, EURO, JAPAN

Tabletop.

For dental lab

Horizontal arm and vertical

Surveying arm and cast holder .

Surveying plat form

Effective length 2.8

Fully adjustable .

Complete set with handpiece holder .

7pcs Attached exchangeable spindle

يجب تعبئة الجدول بالأسفل بالإضافة الى تقديم عرض الشركة التقني

Dental Surveyor	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
Horizontal arm and vertical	Yes / No
Surveying arm and cast holder .	Yes / No
Surveying plat form	Yes / No
Effective length 2.8	Yes / No
Fully adjustable .	Yes / No
Complete set with handpiece holder .	Yes / No
7pcs Attached exchangeable spindle	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 (run two cycles tests complete)	Yes / No
Service & operation manuals are included & Date of manufacturing of system not less than 2021 .	Yes / No



Item 13

Wax Electric

Brand name.

3 years warranty, 10 years availability spare parts.

Origin: USA, EURO, japan

- Main unit .

Temperature adjustment: 40 – 190 C .

Power: 7 W

220V .

- handpiece 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 التقني

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
handpiece 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 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
Date of manufacturing of system not less than 20121 .	Yes / No



Item 14

Vacuum mixer

Brand name.

3 years warranty, 10 years availability spare parts.

Origin: USA, EURO ,japan .

- built-in vacuum pump
- adjustable Speed: 1 to 550rpm
Mixing Beaker: 500ml
Vacuum : 0.08~0.09MPa
with Vibrator: Variable Speed
- Power Supply: 220V/ 50 Hz.
- Power Consumption: 250W

يجب تعبئة الجدول بالأسفل بالإضافة الى تقديم عرض الشركة التقني

Dental Vacuum mixer	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
built-in vacuum pump	Yes / No
adjustable Speed: 1 to 550rpm	Yes / No
Mixing Beaker: 500ml	Yes / No
Vacuum : 0.08~0.09MPa	
with Vibrator: Variable Speed	
Power Supply: 220V/ 50 Hz	
Power Consumption: 250W	Yes / No
220 V :	Yes / No
With all stander accessories	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
Date of manufacturing of system not less than 2021 .	



Item 15

Dental Steam Cleaner

Brand name.

3 years warranty, 10 years availability spare parts.

Origin: USA, EURO ,japan .

- Water Tank : 4 L
- Heating element : 1500 W
- Low and height water level indicator .
- Regular tap water
- 4 bar operated pressure .
- over temperature protection .
- Fast heating up : 10 – 15 minutes .
- With fluid cleaning for cleaning boiling tank .

يجب تعبئة الجدول بالأسفل بالإضافة الى تقديم عرض الشركة التقني

Dental Steam Cleaner	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
Water Tank : 4 L	Yes / No
Heating element : 1500 W	Yes / No
Low and height water level indicator .	Yes / No
Regular tap water	Yes / No
4 bar operated pressure .	Yes / No
over temperature protection .	Yes / No
Fast heating up : 10 – 15 minutes .	Yes / No
With fluid cleaning for cleaning boiling tank .	Yes / No
With all stander accessories	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
Date of manufacturing of system not less than 2021 .	Yes / No



Item 16

De Wax machine oven

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

Dewaing furnace 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 waxing furnace	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
Side door .	
User friendly	
General dental lab waxing furnace	
Volume :2 liters	
Temp : up to 1200 C	
Your warranty must be include all spare parts and labor .	
Your warranty include 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 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 2021 .	Yes / No



Item 17

PORCELIAN FURNACE

3 years warranty, 10 years availability spare parts .

Origin: USA, EURO, JAPAN

Tabletop.

For dental lab.

Temp : up 1200C 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 التقني

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
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 .	



PORCELIAN FURNACE	Compliance Yes / No (if no put your comments)
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 2021 .	Yes / No



Item 18

Vacuum Forming Machine

Brand name.

3 years warranty, 10 years availability spare parts.

Origin: USA, EURO ,japan .

- **Electric vacuum motor provide immediate suction and adaptation.**
- **Without compressed Air .**
- **Easy frame system with spring loaded , self-leveling , with cleaver quick release latch security**
- **Vacuum table : 5 X 5 inches .**
- **With rotates heater hood .**
- **220 V .**
- **With all stander accessories**

يجب تعبئة الجدول بالأسفل بالإضافة الى تقديم عرض الشركة التقني

Dental Vacuum forming machine	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
Electric vacuum motor provide immediate suction and adaptation.	Yes / No
Without compressed Air .	Yes / No
Easy frame system with spring loaded , self-leveling , with cleaver quick release latch security	Yes / No
Vacuum table : 5 X 5 inches .	Yes / No
With rotates heater hood .	Yes / No
220 V .	Yes / No
With all stander accessories	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
Date of manufacturing of system not less than 2021 .	



Item 19

Casting machine

Brand name.

3 years 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 التقنى

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
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



Item 20

Polyclave with hotplate

For dental lab

Good Brand Name and Country of origin (USA , Europe , Japan)

Body Material : aluminum with Teflon coated inner .

Capacity : 4 liters .

Temperature range : 55 C .

PRESSURE : 2- 2.5 Bar .

Pressure gauge .

With safety valve 8 bar .

Inlet outlet valve .

With hot plate

You price must be include :

With : 1 compressed air hose , 1 spare inlet valve . 1 spare gasket .

1 spare Locking lever kit include (pressure release valve and lid lock) .

* يجب تعبئة الجدول بالأسفل بالإضافة الى تقديم عرض الشركة التقني

Polyclave and hot plate	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
Body Material : aluminum with Teflon coated inner .	Yes / No
Capacity : 4 liters .	Yes / No
Temperature range : 55 C .	Yes / No
PRESSURE : 2- 2.5 Bar .	Yes / No
Pressure gauge .	Yes / No
With safety valve 8 bar .	Yes / No
Inlet outlet valve .	Yes / No
You price must be include in unit price :	Yes / No
1 compressed air hose , 1 spare inlet valve .	Yes / No
1 spare Locking lever kit include (pressure release valve and lid lock) .	Yes / No
<i>With hot plate</i>	Yes / No
Service and user manual And spare parts list included .	Yes / No
Price include installation with training in site .	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 not less than 2021.	Yes / No



Item 23

Soft tissue laser

3 years warranty, 10 years availability spare parts .

Origin: USA, EURO, JAPAN

For dental application .

Intraoral and extraoral surgeries including incision, excision, hemostasis, coagulation and vaporization of soft tissue

Compact simple to use

3 wave length : (445 blue)(970 infrared) (660 red wavelength)

stainless steel handpiece with integrated finger switch .

Additional handpiece sleeve for alternating operation

MultiTips sizes for various applications

Bending tool .

Fiber cutter

laser safety goggles .

Duty cycle Variable .

Frequency : 1 – 10.000 Hz .

Laser operating mode : Continuous Wave, Chopped Mode .

Disposable fibers sterile EasyTips for immediate and safe treatments .

With FDA CE CERTIFICATE .

يجب تعبئة الجدول بالأسفل بالإضافة الى تقديم عرض الشركة التقنى

Soft tissue laser	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 application .	Yes / No
Intraoral and extraoral surgeries including incision, excision, hemostasis, coagulation and vaporization of soft tissue	Yes / No
Compact simple to use	Yes / No
3 wave length : (445 blue)(970 infrared) (660 red wavelength)	Yes / No
stainless steel handpiece with integrated finger switch .	Yes / No
Additional handpiece sleeve for alternating operation	Yes / No
MultiTips sizes for various applications	Yes / No
Bending tool .	Yes / No



Soft tissue laser	Compliance Yes / No (if no put your comments)
Fiber cutter	Yes / No
laser safety goggles .	Yes / No
Duty cycle Variable .	Yes / No
Frequency : 1 – 10.000 Hz .	Yes / No
Laser operating mode : Continuous Wave, Chopped Mode .	
Disposable fibers sterile Easy Tips for immediate and safe treatments .	
With FDA CE CERTIFICATE .	
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 2021 .	Yes / No



Item 24

Soldering unit

Power Consumption: 100W

- Degree of protection: IP21
- Gas supply pressure: $\geq 0.1\text{Mpa}$
- Welding voltage: 40V
- Welding current: 5A600A
- Welding time: 3ms--30ms
- Max. welding frequency: 1Hz
- Max. argon consumption: 5L/min
- Dimensions: 280mm*160mm*230cm

<u>Soldering unit</u>	Compliance Yes / No	Comment
Manufacturer:	Manufacture	
Model :	Model	
Origin:	Origin	
Delivery time :	Weeks	
Warranty 3 Years	Yes/No	
• Power Consumption: 100W	Yes/No	
• Degree of protection: IP21	Yes/No	
• Gas supply pressure: $\geq 0.1\text{Mpa}$	Yes/No	
• Welding voltage: 40V	Yes/No	
• Welding current: 5A600A	Yes/No	
• Welding time: 3ms--30ms	Yes/No	
• Max. welding frequency: 1Hz	Yes/No	
• Max. argon consumption: 5L/min	Yes/No	
• Dimensions: 280mm*160mm*230cm	Yes/No	
Date of manufacture not less than 2021.		
User's and service manual.		
السعر يشمل التوريد والتركيب والتدريب للطاقم الطبي في الموقع.		
في حال وجود أية قطعة ضرورية لتشغيل الجهاز غير موضحة يرجى ذكرها وتوضيحها في العرض غير ذلك تعتبر الشركة بتحمل وجود أية نواقص.		



Item 25

Dental Bleaching unit**(LED bleaching light)**Brand name.4 years warranty, 10 years availability spare parts.Origin: USA, EURO, Japan

- * Easy and friendly to use.
- * Should be an open system(compatible with all materials brands)
- * Blue LED light source.
- * The LED should provide 50,000 hours of use minimum.
- * Full Mouth Exposure Lamp.
- * Programmable Modes: Timer Setting and light intensity.
- * Mobile on wheels design.
- * Energy Output: 2,000 W/cm2.
- * Power supply: 230V, 50/60Hz.
- * Minimum 4 pairs of protective eyewear including the price.
- * The price should be included of installation and all needed accessories for start-up and work.

Safety and Training:

- * Preferred to be FDA or CE approved product.
- * User and service manual in English.
- * Full application training for the operators on site.
- * List of important spare parts and accessories with their part number and costing.
- * Recommended spare parts to be available at least for 10 years.

ومتطلبات السعر يشمل التوريد والتركييب ويجب أن يتم توضيح جميع متطلبات التركيب في عرض السعر من مساحة وملحقات

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

<u>Dental Bleaching unit</u>	<u>Yes/No</u>	<u>Comment</u>
Manufacture.	Manufacture	
Model.	Model	
Origin: USA, Europe, Japan.	Origin	
Delivery time.	Weeks	
3 years Full warranty.	Yes/No	
Brand name.	Yes/No	
Easy and friendly to use	Yes/No	
Should be an open system(compatible with all materials brands)	Yes/No	
Blue LED light source	Yes/No	
LED should provide 50,000 hours of use minimum	Yes/No	
Full Mouth Exposure Lamp	Yes/No	



<u>Dental Bleaching unit</u>	<u>Yes/No</u>	<u>Comment</u>
Programmable Modes: Timer Setting and light intensity	Yes/No	
Mobile on wheels design	Yes/No	
Energy Output : 2,000 W/cm2	Yes/No	
Power supply: 230V, 50/60Hz	Yes/No	
Minimum 4 pairs of protective eyewear including the price	Yes/No	
FDA or CE approved product	Yes/No	
The price should be included of installation and all needed accessories for start-up and work	Yes/No	
Price includes installation with application training on-site.	Yes/No	
Complete and Ready to use with all accessories.	Yes/No	
Date of manufacture not less than 2021.	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 26

Portable Dental Nitrous Oxide SystemsBrand name.4 years warranty, 10 years availability spare parts.Origin: USA, EURO, Japan

- * Easy and friendly to use.
- * Portable system with lockable wheels.
- * Mechanical flowmeter with adjustable control (Adjustable mixture).
- * Pressure regulators.
- * Ability to connect to cylinder gas or wall gas outlet.
- * 2 or 4-cylinders portable manifold system.
- * 1 or 2 N2O "E" cylinders and 1 or 2 O2 "E" cylinders (completely full).
- * Scavenging system with nasal hood for adults and children (All requirements).
- * Vacuum control.
- * Corrugated tube and reservoir bag.
- * Automatic safety feature: close N2O if O2 shut off or pressure reduced.
- * The price should be included of installation and all needed accessories for start-up and work.

Safety and Training:

- * Preferred to be FDA or CE approved product.
- * User and service manual in English.
- * Full application training for the operators on site.
- * List of important spare parts and accessories with their part number and costing.
- * Recommended spare parts to be available at least for 10 years.

ومتطلبات السعر يشمل التوريد والتركييب ويجب أن يتم توضيح جميع متطلبات التركيب في عرض السعر من مساحة وملحقات

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

Portable Dental Nitrous Oxide Systems	Yes/No	Comment
Manufacture .	Manufacture	
Model .	Model	
Origin: USA, Europe, Japan.	Origin	
Delivery time.	Weeks	
3 years Full warranty.	Yes/No	



Portable Dental Nitrous Oxide Systems	Yes/No	Comment
Brand name.	Yes/No	
Easy and friendly to use.	Yes/No	
Portable system with lockable wheels.	Yes/No	
Mechanical flowmeter with adjustable control.	Yes/No	
Pressure regulators.	Yes/No	
Ability to connect to cylinder gas or wall gas outlet.	Yes/No	
2 or 4-cylinders portable manifold system.	Yes/No	
1 or 2 N2O "E" cylinders and 1 or 2 O2 "E" cylinders(completely full)	Yes/No	
Scavenging system with nasal hood for adults and children (All requirements)	Yes/No	
vacuum control.	Yes/No	
Corrugated tube and reservoir bag	Yes/No	
Automatic safety feature: close N2O if O2 shut off or pressure reduced.	Yes/No	
FDA or CE approved product	Yes/No	
The price should be included of installation and all needed accessories for start-up and work	Yes/No	
Price includes application training on-site.	Yes/No	
Complete and Ready to use with all accessories.	Yes/No	
Date of manufacture not less than 2021.	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 27

Dental Digital Anesthesia Machine

- Computer-controlled local anesthetic system.
- Suited size and easy operation.
- Using for all dental anesthesia applications.(Adults and children)
- Electronic pen handpiece with comfortable design.
- Electronic rotating needle for penetration and injection.
- The quantities injected can be controlled electronically.
- Easy to maintain and clean.
- 3 injection modes (Slow, Fast, Intraosseous).
- The quantities injected can be directly viewed all over the headpiece.
- DHT Needles
- All accessories should be autoclavable.
- Controlled by a wireless, battery-less foot pedal.
- Indicator lights and audible alerts.
- Warranty: 3 years.
- Power Supply: 220V 50/60Hz.

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

Vacuum Pump:	Yes/No	Comment
Manufacturer:	Manufacture	
Model :	Model	
Origin:	Origin	
Delivery time :	Weeks	
Warranty :	Yes/No	
Computer-controlled local anesthetic system.	Yes/No	
Using for all dental anesthesia applications. (Adults and Childs)	Yes/No	
Electronic pen handpiece with comfortable design.	Yes/No	
Electronic rotating needle for penetration and injection.	Yes/No	
The quantities injected can be controlled electronically.	Yes/No	
3 injection modes (Slow, Fast, Intraosseous).	Yes/No	
DHT Needles.	Yes/No	
Wireless, battery-less foot pedal.	Yes/No	
Autoclavable accessories.	Yes/No	



Vacuum Pump:	Yes/No	Comment
Power Supply: 220V 50/60Hz.	Yes/No	
Date of manufacture not less than 2021.	Yes/No	
User and service manual.	Yes/No	
السعر يشمل التوريد والتركيب والتدريب.	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 28

Surveyor with milling machineBrand name.4 years warranty, 10 years availability spare parts.Origin: USA, EURO, Japan

- * Easy and friendly to use.
- * Excellent Durability device for milling and surveying.
- * Multipurpose device for Milling and Surveying.
- * Dedicated electrical micromotor.
- * A digital electronic feeder with adjustable speed.
- * Electrical pedal.
- * Mechanical model holder with switch-off magnets.
- * Complete porta-chuck nuts.
- * Mandrel for attachments assembly and surveying.
- * Adjustable Shadow-free illumination.
- * Measuring tracer point.
- * Magnetic device for table fixing.
- * Milling table, Surveyor table, and Plaster table.
- * Articulated arm lock.
- * Heating tool control device.
- * Self-diagnosis and Reset function.
- * Power supply: 230V, 50/60Hz.
- * The price should be included of installation and all needed accessories for start-up and work.

Safety and Training:

- * Preferred to be FDA or CE approved product.
- * User and service manual in English.
- * Full application training for the operators on site.
- * List of important spare parts and accessories with their part number and costing.
- * Recommended spare parts to be available at least for 10 years.

ومتطلبات السعر يشمل التوريد والتركيب ويجب أن يتم توضيح جميع متطلبات التركيب في عرض السعر من مساحة وملحقات

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

Surveyor with milling machine	Yes/No	Comment
Manufacture .	Manufacture	
Model .	Model	
Origin: USA , Europe , Japan .	Origin	
Delivery time .	Weeks	
3 years Full warranty .	Yes/No	
Brand name .	Yes/No	



Easy and friendly to use	Yes/No	
Excellent Durability device for milling and surveying	Yes/No	
Multipurpose device for Milling and Surveying	Yes/No	
Dedicated electrical micromotor	Yes/No	
Digital electronic feeder with adjustable speed	Yes/No	
Electrical pedal	Yes/No	
Mechanical model holder with switch-off magnets	Yes/No	
Complete porta-chuck nuts	Yes/No	
Mandrel for attachments assembly and surveying	Yes/No	
Adjustable Shadow-free illumination	Yes/No	
Measuring tracer point	Yes/No	
Magnetic device for table fixing	Yes/No	
Milling table, Surveyor table, and Plaster table	Yes/No	
Power supply: 230V, 50/60Hz	Yes/No	
A heating tool control device	Yes/No	
Self-diagnosis and Reset function	Yes/No	
FDA or CE approved product	Yes/No	
The price should be included of installation and all needed accessories for start-up and work	Yes/No	
Price includes installation with application training on-site.	Yes/No	
Complete and Ready to use with all accessories.	Yes/No	
Date of manufacture not less than 2021.	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	

