



دائرة اللوازم والمشتريات

عطاء رقم (T02-2020.21)

أجهزة وأدوات خاصة بالاطراف الصناعية

2020-2021



## عطاء شراء أجهزة وأدوات خاصة بالاطراف الصناعية

وثائق العطاء:

أ- الجزء الأول:

(1) دعوة العطاء

(2) الشروط والتعليمات التنظيمية للعطاء

(3) طريقة الدفع

ب- الجزء الثاني:

(1) جدول الكميات ومواصفات الفنية



## الجزء الأول (1)

إعلان طرح عطاء رقم (T02/2020.21)

## شراء أجهزة وأدوات خاصة بالاطراف الصناعية

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 2020/10/12

## 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) 2020/10/29 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](http://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 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.
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 والسمة 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 عرضان اثنان فقط كحد اقصى لكل بند.
- ❖ يجب تقديم عرضي الاسعار الفني والمالي بنسختين: الاولى ورقية، والاخرى الكترونية (محواسبة).
- ❖ تقديم العرضين المالي والفني الورقيين بالظرف المختوم، مع ضرورة وضع ختم الشركة والتوقيع على كل الصفحات (للعرض المالي بالذات).
- ❖ كفالة



(3)

### طريقة الدفع

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



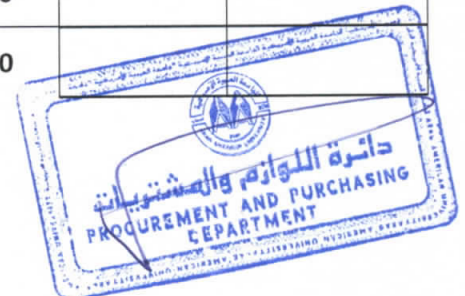
## الجزء الثاني

1. جدول الكميات ومواصفات الفنية  
عطاء شراء أجهزة وأدوات خاصة بالاطراف الصناعية  
قائمة الأدوات (1)

No.	Product	Unit	Qty	Unit Price USD	Total Price USD
1.	Adapter Sleeve (set of 4)	Piece	20.00		
2.	Arbor	Piece	10.00		
3.	Automatic Center Punch	Piece	10.00		
4.	bandage scissors, straight	Piece	10.00		
5.	Bending Iron with rounded jaws	Piece	80.00		
6.	Body Caliper	Piece	15.00		
7.	Caliper	Piece	10.00		
8.	Chisel	Piece	20.00		
9.	Chisel/Punch Set	Piece	5.00		
10.	Circular Saw Blade for 756B12	Piece	20.00		
11.	Combination Pliers	Piece	15.00		
12.	Compensation Board Set	Piece	3.00		
13.	Conical Cutter	Piece	10.00		
14.	Connection piece f. 3/8" Torque wrench	Piece	5.00		
15.	Connection piece f. 710D20 Torque wrench	طقم	5.00		
16.	Countersink, 90°, HSS	Piece	5.00		
17.	Deburring Knife	Piece	20.00		
18.	Die Holder with 2 Jaws	Piece	1.00		
19.	Drilling Fixture	Piece	2.00		



No.	Product	Unit	Qty	Unit Price USD	Total Price USD
20.	File Handle	Piece	10.00		
21.	Flat Chisel	Piece	5.00		
22.	Flat Nosed Pliers	Piece	10.00		
23.	Foam Finishing Drum Set, complete	Piece	20.00		
24.	Frame Plate -Aluminum-	Piece	3.00		
25.	Fuchs Draw Knife	Piece	10.00		
26.	Grease Pencils, blue	Piece	10.00		
27.	Grease Pencils, green	Piece	10.00		
28.	Grease Pencils, Red	Piece	10.00		
29.	HABERMANN Sanding Drum, normal	Piece	10.00		
30.	HABERMANN Sanding Drum, small	Piece	150.00		
31.	Hand Vise	Piece	2.00		
32.	Hand Vise with Handle	Piece	5.00		
33.	Height Scriber	Piece	4.00		
34.	High Leverage Side Cutting Pliers	Piece	10.00		
35.	Hip Leveling Guide	Piece	5.00		
36.	Hot Air Gun "Triac", 220 Volt	Piece	15.00		
37.	Knife Blade Cutter	Piece	10.00		
38.	Laminating island	Piece	3.00		
39.	Lead Block	Piece	10.00		
40.	Leather Scissors	Piece	10.00		
41.	Leather Upper Scissors	Piece	20.00		
42.	Measuring Stick	Piece	5.00		
43.	One-way vacuum pipe	Piece	4.00		





No.	Product	Unit	Qty	Unit Price USD	Total Price USD
44.	Plaster Cast Cutter	Piece	5.00		
45.	Plaster Cast Scissors	Piece	10.00		
46.	Plaster drying with compressed air	Piece	1.00		
47.	Plaster silo	Piece	2.00		
48.	Plaster Smoothing Tool	Piece	10.00		
49.	Plaster Spatula	Piece	25.00		
50.	Plastic Basin	Piece	4.00		
51.	Polishing Wheel	Piece	10.00		
52.	Protractor	Piece	10.00		
53.	Rasp Head, 5/8"	Piece	10.00		
54.	Rasp Head, fine	Piece	10.00		
55.	Replacement Blades	Piece	50.00		
56.	Revolving Hole Punch	Piece	10.00		
57.	Rivet Header	Piece	20.00		
58.	Rivet Set	طقم	10.00		
59.	Riveting Bar	Piece	5.00		
60.	Sanding Drum	Piece	25.00		
61.	Sanding Drum w. Rubber Core a. Sand. SI	Piece	10.00		
62.	Sanding Sleeves 40 GRIT	Piece	50.00		
63.	Screw Clamp	Piece	6.00		
64.	Segment Saw Blade for 756B12	Piece	5.00		
65.	Set of silicone polishing cones 5/8"	طقم	3.00		
66.	Sharpening Stone	Piece	2.00		
67.	Shoemaker's Knife	Piece	5.00		





No.	Product	Unit	Qty	Unit Price USD	Total Price USD
68.	Silicon Spatula, large	Piece	5.00		
69.	Six Edged Blades	Piece	10.00		
70.	Small Anvils	Piece	10.00		
71.	Socket wrench set	طقم	3.00		
72.	Special Fibre Shears	طقم	5.00		
73.	Special Wrench, adjustable	Piece	5.00		
74.	Spring Clamp	Piece	1.00		
75.	Stainless Steel Basin	Piece	20.00		
76.	Stockinette Holder	Piece	5.00		
77.	Storage table	Piece	2.00		
78.	Surform Blade, flat-round	Piece	50.00		
79.	Surform Rasp Holder	Piece	10.00		
80.	Surform Round Blade	Piece	50.00		
81.	Surgical Scissors	Piece	10.00		
82.	Tailors's Scissors	Piece	20.00		
83.	Tensioning frame	Piece	3.00		
84.	Test platform w. incl. Surface, steps I.	Piece	1.00		
85.	Thermal Gloves with Cuff	Piece	20.00		
86.	Thermoforming set (tube&plate Ø260+Ø360)	طقم	3.00		
87.	Threaded Connector	Piece	10.00		
88.	Tool holder	Piece	4.00		
89.	Torque screwdriver, 0.3-1.2 Nm	Piece	2.00		
90.	Torque wrench, 2,5-25 Nm	Piece	2.00		
91.	Truss Button Jig	Piece	2.00		



No.	Product	Unit	Qty	Unit Price USD	Total Price USD
92.	Two-way vacuum pipe	Piece	4.00		
93.	Valve Hole Cutter, HSS	Piece	5.00		
94.	Vise Clamp	Piece	2.00		
95.	Warding File Set	Piece	5.00		
96.	Wire Cutter	Piece	10.00		
97.	Wire Hand Brush	Piece	10.00		
98.	yarn	Piece	20.00		
99.	Zigzag Sewing Machine	Piece	2.00		
100.	Workbench for six persons	Piece	4		
	<b>Total</b>				



عطاء شراء أجهزة وأدوات خاصة بالاطراف الصناعية  
قائمة الاجهزة (2)

No.	Product	Qty	Unit Price USD	Total Price USD
1a	Examination table	12		
1b	Examination couch	12		
1c	Swivel stool	12		
2.	Chair for Taking Measurements	2		
3.	Plaster Assistant complete	4		
4.	Casting Apparatus	4		
5.	Casting Platform	4		
6.	Pneumatic SIT-Cast Plaster Ca. Apparatus	2		
7.	Ipsos Cast	4		
8.	Platform Mounted Parallel Bars	2		
9.	Mirror	4		
10.	Crosshair laser Graticule Laser	1		
11.	3 dimension laser assisted static alignment reference posture	1		
12.	Plaster modeling table	12		
13.	Electric Cast Cutter, straight 34	8		
14.	Compressed-air chipping hammer	4		
15.	Bench vise	40		
16.	Vise Jaw Protector	15		
17.	Trash Container	18		
18.	Plaster drying oven	1		
19.	Exhaust arm	2		
20.	Vacuum pump Vac M12, 220V 50-60Hz	3		
21.	Workstations ( hood )for mixing and trimming	1		



No.	Product	Qty	Unit Price USD	Total Price USD
22.	Chemiesافر A1200	2		
23.	Plaster cast tube retainer	2		
24.	IR OVEN Turntable trolley sensor	2		
25.	Vacuum forming device for orthopaedic shoe technology	1		
26.	Vacuum forming workstation with integrated tank	2		
27.	Workbench for six persons	4		
28.	Double grinding machine	2		
29.	prostheses.A. Assembly	2		
30.	Pro-Fit 3000 socket router	4		
31.	Pneum. gate slide Ø125mm/24Vdc/230Vac	6		
32.	Electro box 400V	1		
33.	central Dust collector	10		
34.	Compressor ( Oil Free Air ) with Dryer	2		
35.	Electric cutter	2		
36.	CAD CAM System	1		
37.	Flexam Master	1		
38.	transfer device	1		
<b>Total</b>				

**Tools, machines and Furniture shall have a known brand name, durable, strong**

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



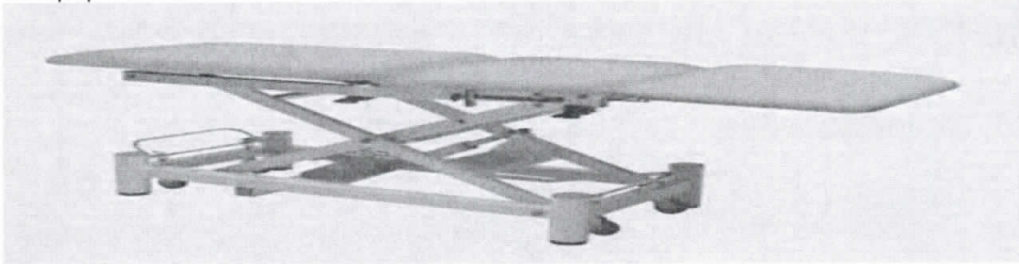


Item 1 a

Examination table

Origin: USA, EURO.

- 3 section ( electric )
- Continues adjustment up & down ( electric ) .
- Size L X W X H cm : 200 X 64 X 112
- artificial leather upholstery , Steel White epoxy coated frame .
- height-adjustable with foot switch from 42 – 112
- with paper roll holder .



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

Examination table	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
• 3 section ( electric )	Yes/No	
• Continues adjustment up & down . with foot switch	Yes/No	
• Size L X W X H cm : 200 X 64 X 112	Yes/No	
• artificial leather upholstery , Steel White epoxy coated frame .	Yes/No	
• height-adjustable with foot switch from 42 – 112	Yes/No	
• with paper roll holder .	Yes/No	
Price include installation in site .	Yes/No	



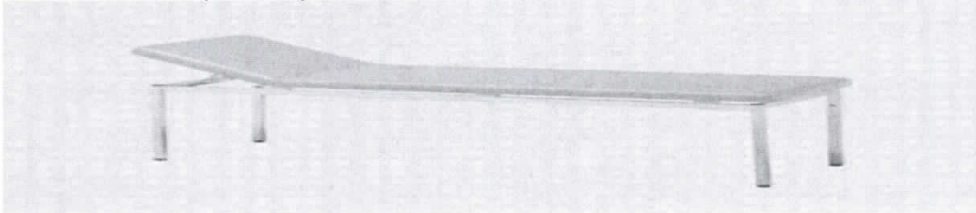


Item 1b

Examination couch

Origin: USA, EURO.

- 2 section
- adjustable head .
- Size L X d X H cm : 200 X 195 X 70
- artificial leather upholstery , Steel White epoxy coated frame .



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

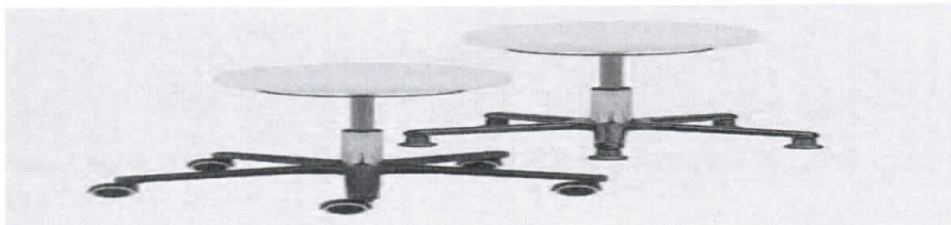
Examination couch	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
<b>2 section</b>	Yes/No	
<b>adjustable head .</b>	Yes/No	
<b>Size L X W X H cm : 195 X 70 X 70</b>	Yes/No	
<b>artificial leather upholstery , Steel White epoxy coated frame</b>	Yes/No	
Price include installation in site .	Yes/No	



Item 1 c

Swivel stool

- With 5 castors , Synthetic leather cover
- Height adjustment up & down ( pneumatic ) , Height cm : 40 to 60 cm
- 



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

Swivel stool	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
<ul style="list-style-type: none"> <li>• With 5 castors , Synthetic leather cover</li> </ul>	Yes/No	
<ul style="list-style-type: none"> <li>• Height adjustment up &amp; down ( pneumatic ) Height cm : 40 to 60 cm</li> </ul>	Yes/No	
Price include installation in site .	Yes/No	



Item 2

Chair for Taking Measurements

Continuous electro-mechanical height adjustment with 30 cm lifting height, seat part can be rotated and locked, integrated adjustable largest, platform height 40 cm, drawer, storage compartment

- WxD space requirements 750 x 1,300 mm
- Step platform WxDxH 550 x 750 x 400 mm
- Travel 300 mm
- Maximum adjustment 1,270 mm
- Electrical connection in V/Hz/kW 1x 230 N/PE / 50 / 0.5
- Frame colour Silver hammer finish
- Cushion colour White
- Step platform colour (Formica) Light grey
- Weight net/gross 165/190 kg

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

Chair for Taking Measurements	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
Continuous electro-mechanical height adjustment with 30 cm lifting height, seat part can be rotated and locked, integrated adjustable largest, platform height 40 cm, drawer, storage compartment	Yes/No	
WxD space requirements 750 x 1,300 mm	Yes/No	
Step platform WxDxH 550 x 750 x 400 mm	Yes/No	
Travel 300 mm	Yes/No	
Maximum adjustment 1,270 mm	Yes/No	
Electrical connection in V/Hz/kW 1x 230 N/PE / 50 / 0.5		
Frame colour Silver hammer finish		
Cushion colour White		
Step platform colour (Formica) Light grey		
Weight net/gross 165/190 kg		



Item 3

Plaster Assistant complete

Origin: USA, EURO.

- **Adjustable in just a few steps, adjustable footplate, knee supports and handles, support/anchor points for maximum safety, upper frame with head support. To be used for assistance and support in casting.**
- *Dimensions WxDxH 34 5/8 x 25 5/8 x 73 1/4 - 106 1/4 inch*
- *Workspace WxD 35 3/8 x 29 1/2 inch*
- *Weight 165,35 lbs*
- *Scope of delivery*
  - 743A140 Spinal casting aid, lumbar version,
  - 755Y400=1 Rack attachment,
  - 755Y400=2 Rack attachment "scoliosis",
  - 755Y400=3 Mirror,
  - 755Y400=4 Head support,
  - 755Y400=5 Pulley,
  - 755Y400=6 Sitting-standing aid
- *Kindly your offer will not be taken into our consideration if you don't fill below table.*

Plaster Assistant complete	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
<ul style="list-style-type: none"> <li>• <b>Adjustable in just a few steps, adjustable footplate, knee supports and handles, support/anchor points for maximum safety, upper frame with head support. To be used for assistance and support in casting.</b></li> </ul>	Yes/No	
<ul style="list-style-type: none"> <li>• <i>Dimensions WxDxH 34 5/8 x 25 5/8 x 73 1/4 - 106 1/4 inch</i></li> </ul>	Yes/No	
<ul style="list-style-type: none"> <li>• <i>Workspace WxD 35 3/8 x 29 1/2 inch</i></li> </ul>	Yes/No	
<ul style="list-style-type: none"> <li>• <i>Weight 165,35 lbs</i></li> </ul>	Yes/No	
<ul style="list-style-type: none"> <li>• <i>Scope of delivery</i> <ul style="list-style-type: none"> <li>○ 743A140 Spinal casting aid, lumbar version,</li> <li>○ 755Y400=1 Rack attachment,</li> <li>○ 755Y400=2 Rack attachment "scoliosis",</li> <li>○ 755Y400=3 Mirror,</li> <li>○ 755Y400=4 Head support,</li> <li>○ 755Y400=5 Pulley,</li> <li>○ 755Y400=6 Sitting-standing aid</li> </ul> </li> </ul>	Yes/No	
Price include installation in site .		





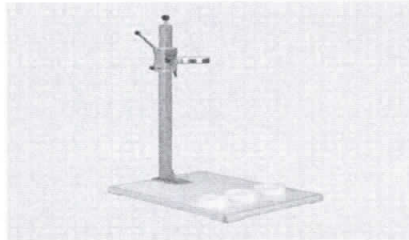
Item 5+4

Casting Apparatus

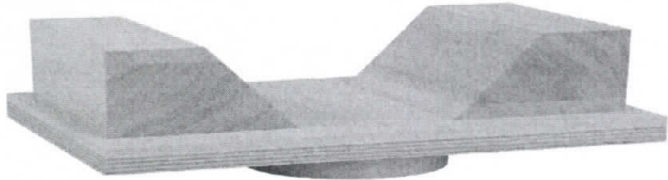
- for functional plaster casting under weighted conditions
- dimensions WxDxH : 60 x 80 x 81 cm
- include base plate, adapter rings, square column with lifting clamp device and gimbal

*Optional price :*

1. Attachment board for Plaster casting for hip/knee disarticulation patients
2. Height marking gauge with cm spacing height up to 100cm .
3. Casting platform



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

Casting Apparatus	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
<b>for functional plaster casting under weighted conditions</b>	Yes/No	
<b>dimensions WxDxH : 60 x 80 x 81 cm</b>	Yes/No	
<b>include base plate, adapter rings, square column with lifting clamp device and gimbal</b>		
<i>Optional price :</i> <b>Attachment board for Plaster casting for hip/knee disarticulation patients</b> <b>Height marking gauge with cm spacing height up to 100cm .</b> <b>Casting platform</b>		
	Yes/No	





Item 6

### Pneumatic SIT-Cast Plaster Ca. Apparatus

*For attachment to the casting apparatus. Provides functional casting of ischial containment sockets while bearing weight. Has pneumatic pressure adjustment and a short-stroke cylinder. Pressure regulator provides individual pressure adjustment of the femoral pad. The pneumatic unit of the SIT\* cast casting apparatus can be directly connected to the compressed air supply system (connecting hose and service unit with pressure regulator are not included in the delivery).*

Scope of Delivery:  
includes 8 SIT-casting forms: 743Y50=L1, =R1, =L2, =R2, =L3, =R3, =L4, =R4

Complete system

Optional :

all accessories separately

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

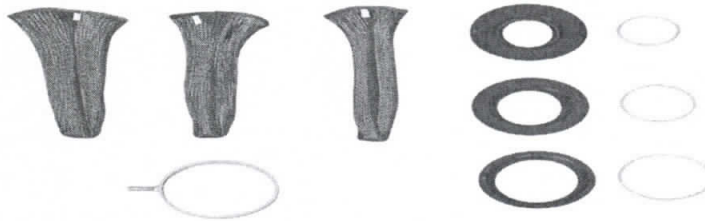
* Pneumatic SIT-Cast Plaster Ca. Apparatus	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
<b><i>For attachment to the casting apparatus. Provides functional casting of ischial containment sockets while bearing weight. Has pneumatic pressure adjustment and a short-stroke cylinder. Pressure regulator provides individual pressure adjustment of the femoral pad. The pneumatic unit of the SIT* cast casting apparatus can be directly connected to the compressed air supply system (connecting hose and service unit with pressure regulator are not included in the delivery)</i></b>	Yes/No	
Scope of Delivery: includes 8 SIT-casting forms: 743Y50=L1, =R1, =L2, =R2, =L3, =R3, =L4, =R4	Yes/No	
Complete system		
Optional : all accessories separately		
Price include installation in site .	Yes/No	



Item 7

Ipsos Cast

- Taking plaster negatives under load for the fabrication of a socket.
- Attachment to Otto Bock Casting Apparatus Ottobock plaster device .
- Retaining ring dimensions, ØxH : 255 x 35mm
- Price include :
  - QTY / 1x adapter for connection to Ottobock plaster device,
  - QTY / 3x retaining ring for casting tube (ø 110mm, ø 140mm, ø 180mm).
  - QTY / 1x casting tube (ø 90mm), QTY 1x casting tube (ø 110mm), QTY 1x 140 casting tube (ø 140mm )



**Optional price :**

- Casting tube 90 mm
- Casting tube 1190 mm
- Casting tube 140 mm

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

Ipsos Cast	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
• Taking plaster negatives under load for the fabrication of a socket.	Yes/No	
• Attachment to Otto Bock Casting Apparatus Ottobock plaster device .	Yes/No	
• Retaining ring dimensions, ØxH : 255 x 35mm	Yes/No	
• Price include : <ul style="list-style-type: none"> <li>- QTY / 1x adapter for connection to Ottobock plaster device,</li> <li>- QTY / 3x retaining ring for casting tube (ø 110mm, ø 140mm, ø 180mm).</li> <li>- QTY / 1x casting tube (ø 90mm), QTY 1x casting tube (ø 110mm), QTY 1x 140 casting tube (ø 140mm )</li> </ul>	Yes/No	
<b>Optional price :</b> <ul style="list-style-type: none"> <li>- Casting tube 90 mm</li> <li>- Casting tube 1190 mm</li> <li>- Casting tube 140 m</li> </ul>	Price	
Price include installation in site .		



Item 8

Platform Mounted Parallel Bars

Origin: USA ,EURO .

- flat base plates
  - used to and better walking and balancing .
- Parallel bars mounted stainless steel handrails for easy use and durability
- Safety tread at both ends of the platform
  - Height : 70 cm to 105cm. / Length : 500 cm / width : 50 to 80 cm .
- Heavy duty, square, telescoping, steel uprights
- Easy height changes with spring-loaded plungers and numbered height indicator strips
- Freestanding set-up; when not used, the parallel bars can be folded up and put to the side

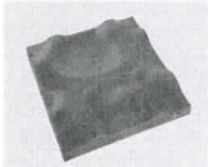

Optional :

1. Relief floor panel :
  - Polyurethane Non-slip, wear-resistant, dermatologically neutral, impervious to detergents and humidity -- dimension : 50cm x 50cm .
  - Qty : 6 pc .
  - Simulation of walking situations similar to everyday conditions in medical supply stores, therapy, socket fitting and adaptation .
  - Hardness : Approx. 45 Shore A
2. Access panels :
  - 100% polyurethane .
  - for Flush connection to relief floor panels
  - dimension : 50cm x 25cm
  - Qty : 2pc .
    - Kindly your offer will not be taken into our consideration if you don't fill below table.

Platform Mounted Parallel Bars	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
flat base plates	Yes/No	
used to and better walking and balancing .		
Parallel bars mounted stainless steel handrails for easy use and durability	Yes/No	
Safety tread at both ends of the platform	Yes/No	
Height : 70 cm to 105cm. / Length : 500 cm / width : 50 to 80 cm .	Yes/No	
Heavy duty, square, telescoping, steel uprights	Yes/No	
Easy height changes with spring-loaded plungers and numbered height indicator strips	Yes/No	
Freestanding set-up; when not used, the parallel bars can be folded up and put to the side	Yes/No	





<p><b>tional :</b></p> <p>1. Relief floor panel :</p> <ul style="list-style-type: none"> <li>- <b>Polyurethane Non-slip, wear-resistant, dermatologically neutral, impervious to detergents and humidity -- dimension : 50cm x 50cm .</b></li> <li>- <b>Qty : 6 pc .</b></li> <li>- <b>Simulation of walking situations similar to everyday conditions in medical supply stores, therapy, socket fitting and adaptation .</b></li> <li>- <b>Hardness : Approx. 45 Shore A</b></li> </ul>  <p>2. Access panels :</p> <ul style="list-style-type: none"> <li>- 100% polyurethane .</li> <li>- for Flush connection to the 752T1 relief floor panels</li> <li>- dimension : 50cm x 25cm</li> <li>- Qty : 2pc .</li> </ul> 		
<p><b>Price include installation and training in site .</b></p>	<p>Yes/No</p>	



Item 9

Mirror

- Mirror, mobile height 165 cm
- With rear panel, chrome plated frame, tilting





Item 10

Crosshair laser Graticule Laser

Origin: USA ,EURO

Brand

- **Orthopedics applications:** Plumb line for plaster casting, prosthesis and orthosis alignment, displaying abduction and adduction positions (angle with respect to the plumb line) and flexion and extension positions, displaying the lateral displacement of the spinal column in the neck area with respect to the intergluteal cleft, checking the neutral position of the pelvis, visualizing body positions and postural problems (e.g., lateral deviation in the case of scoliosis; valgus malalignment of legs)
- **Operating time :** 15 hours .
- Automatic self-levelling in a few seconds, exact, fast working without manual alignment, bright laser diodes of high quality for especially good laser line visibility, straightforward and intuitive operation, soft grip for a better and more comfortable hold, stand 1.1m
- **Protective pouch, stand & batteries included**
- **Power supply :** 2x 1,5V LR06 Mignon (AA)
- Wavelength : Laser class 2: 635 nm , **Levelling speed :** < 5 seconds , **Automatic levelling range :** 4° .
- **Connection thread :** W1/4' , Laser light color : rot

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

Crosshair laser	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
<ul style="list-style-type: none"> <li>• <b>Orthopedics applications:</b> Plumb line for plaster casting, prosthesis and orthosis alignment, displaying abduction and adduction positions (angle with respect to the plumb line) and flexion and extension positions, displaying the lateral displacement of the spinal column in the neck area with respect to the intergluteal cleft, checking the neutral position of the pelvis, visualizing body positions and postural problems (e.g., lateral deviation in the case of scoliosis; valgus malalignment of legs)</li> </ul>	Yes/No	
<ul style="list-style-type: none"> <li>• <b>Operating time :</b> 15 hours .</li> </ul>	Yes/No	
<ul style="list-style-type: none"> <li>• Automatic self-levelling in a few seconds, exact, fast working without manual alignment, bright laser diodes of high quality for especially good laser line visibility, straightforward and intuitive operation, soft grip for a better and more comfortable hold, stand 1.1m</li> </ul>	Yes/No	
<ul style="list-style-type: none"> <li>• <b>Protective pouch, stand &amp; batteries included</b></li> </ul>	Yes/No	
<ul style="list-style-type: none"> <li>• <b>Power supply :</b> 2x 1,5V LR06 Mignon (AA)</li> </ul>	Yes/No	
<ul style="list-style-type: none"> <li>• Wavelength : Laser class 2: 635 nm , <b>Levelling speed :</b> &lt; 5 seconds , <b>Automatic levelling range :</b> 4° .</li> </ul>	Yes/No	
<ul style="list-style-type: none"> <li>• <b>Connection thread :</b> W1/4' , Laser light color : rot</li> </ul>	Yes/No	
Price include installation in site .	Yes/No	



Item 11

3 dimension laser assisted static alignment reference posture

The 3D L.A.S.A.R. Posture consists of:

- Two interconnected force measurement plates which capture the ground reaction force independently of one another
  - Two tripods with two integrated cameras each
  - A tablet which functions as both a display and a control unit
  - A transport case with wheels and pull-out handle in which all components are stored.
  - Application :
    - Static alignment or verification of body posture in : lower limb prosthetics , custom lower limb orthotics , orthopedic foot care , incorrect posture of pelvis and legs , le length discrepancy , physiotherapy , rehabilitation .
    - Prosthetics : below knee prosthetics , above knee prosthetics, hip disarticulation prosthetics .
    - Orthotics : orthopedic insert and foot care , ankle foot orthoses , knee ankle foot orthoses , hip knee foot orthoses .
    - System must be ready and complete to work completely with all accessories
- \* Kindly your offer will not be taken into our consideration if you don't fill below table.

3 dimension laser assisted static alignment reference posture	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
The 3D L.A.S.A.R. Posture consists of:	Yes/No	
• Two interconnected force measurement plates which capture the ground reaction force independently of one another	Yes/No	
• Two tripods with two integrated cameras each	Yes/No	
• A tablet which functions as both a display and a control unit	Yes/No	
A transport case with wheels and pull-out handle	Yes/No	
• Application :	Yes/No	
- Static alignment or verification of body posture in : lower limb prosthetics , custom lower limb orthotics , orthopedic foot care , incorrect posture of pelvis and legs , le length discrepancy , physiotherapy , rehabilitation .	Yes/No	
- Prosthetics : below knee prosthetics , above knee prosthetics, hip disarticulation prosthetics .	Yes/No	
- Orthotics : orthopedic insert and foot care , ankle foot orthoses , knee ankle foot orthoses , hip knee foot orthoses .	Yes/No	
Price include user and service manual	Yes/No	
Price include installation and training in site.	Yes/No	
Any update of Software will be free of change if needed after of end the warranty.	Yes/No	



Item 12

Plaster modeling table

Stainless sheet steel table top cover, canted sides provide complete protection of wooden table top support frame of square section stainless steel, with two galvanized steel shelves on the left, and one galvanized steel shelf on the right.

Dimensions WxDxH: 1,800 x 900 x 850 mm

Optional : **Grating frame f. plaster modelling table**

Plaster modeling table	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
Stainless sheet steel table top cover, canted sides provide complete protection of wooden table top support frame of square section stainless steel, with two galvanized steel shelves on the left, and one galvanized steel shelf on the right.  Dimensions WxDxH: 1,800 x 900 x 850 mm	Yes/No	





Item 13

Electric Cast Cutter, straight

Origin: USA ,EURO

- Speed controllers for continuous vibration frequency pre-selection.
- linear oscillating saw
- price include : saw blade (diameters 50 and 65 mm)
- two open-end spanners
- Power : 220-240 N
- Oscillating frequency: 12,000 – 20,000 min-1
- With rechargeable battery

Optional price :

- Circular saw blade diameter Ø 50mm .
- Segment saw blade diameter Ø 65mm .

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

* Electric Cast Cutter, straight *	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
- Speed controllers for continuous vibration frequency pre-selection.		
- linear oscillating saw		
- price include : saw blade (diameters 50 and 65 mm)		
- two open-end spanners		
- Power : 220-240 N		
- Oscillating frequency: 12,000 – 20,000 min-1		
- With rechargeable battery		
Optional price :		
- Circular saw blade diameter Ø 50mm .		
- Segment saw blade diameter Ø 65mm .		
Price include user and service manual	Yes/No	
Price include installation and training in site.	Yes/No	
Any update of Software will be free of change if needed after of end the warranty.	Yes/No	





Item 14

Compressed-air chipping hammer

Origin: USA ,EURO

- with Plastic case
- price include : 185 mm long pointed chisel, 175 mm long flat chisel, 175 mm long chisel for separating sheet metal, 180 mm long chisel for cutting sheet metal, 175 mm long chisel for chipping off bolts, tool lubricant two open-end spanners
- pneumatic .
- Frequency : 3000 min-1
- chisel travel : 65 mm
- Tool attachment : (hexagonal) 10 mm .
- Air consumption : 150 – 240 l/min
- Nominal air pressure : 7 bar

Optional price :

Different size of Chisels

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

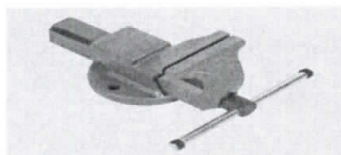
Compressed-air chipping hammer	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
<b>with Plastic case</b>		
<b>price include :</b> 185 mm long pointed chisel, 175 mm long flat chisel, 175 mm long chisel for separating sheet metal, 180 mm long chisel for cutting sheet metal, 175 mm long chisel for chipping off bolts, tool lubricant two open-end spanners		
<b>pneumatic .</b>		
<b>Frequency : 3000 min-1</b>		
<b>chisel travel : 65 mm</b>		
<b>Tool attachment : (hexagonal) 10 mm .</b>		
<b>Air consumption : 150 – 240 l/min</b>		
<b>Nominal air pressure : 7 bar</b>		
<i>Optional price :</i>		
<i>Chisels Different size</i>		
<b>Price include user and service manual</b>	Yes/No	
<b>Price include installation and training in site.</b>	Yes/No	
<b>Any update of Software will be free of change if needed after of end the warranty.</b>	Yes/No	



Item 15+16

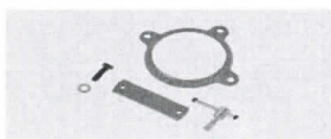
Bench vise

Jaw Width : 14 cm .  
 Jaw Opening : 20 cm .  
 Hole Spacing : 145 mm.  
 Diameter : 14 mm



Optional price :

1. Vice rotating base : 360° rotation range, without mounting materials , Material : Steel ,Weight/pair : 3 kg



2. Vice jaw protectors : Material : plastic ,Weight/pair : 0.5 kg



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

Bench vise	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
Jaw Width : 14 cm . Jaw Opening : 20 cm . Hole Spacing : 145 mm. Diameter : 14 mm	Yes/No	
Optional price : <ul style="list-style-type: none"> <li>Vice rotating base : 360° rotation range, without mounting materials , Material : Steel ,Weight/pair : 3 kg</li> <li>Vice jaw protectors : Material : plastic ,Weight/pair : 0.5 kg</li> </ul>	Yes/No	



Item 18

Plaster drying oven

Origin: USA ,EURO

- two swing doors with two windows, stainless steel interior, three perforated shelves made of galvanised steel (dimensions per shelf WxD 1,240 x 540 mm, max. load per shelf 50 kg), four steering casters (thereof two locking steering casters), 2 m condensate hose (diameter 12 mm)
- microprocessor control .
- clear display editable setting with all alarm function
- over temp protection
- Interior dimensions WxDxH : 1.246 x 540 x 1.218 mm
- Steel, stainless steel
- VOLUME : 800 L .
- TEMP : 40 – 60 c .
- 3 ph

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

* Plaster drying oven	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
<ul style="list-style-type: none"> <li>• two swing doors with two windows, stainless steel interior, three perforated shelves made of galvanised steel (dimensions per shelf WxD 1,240 x 540 mm, max. load per shelf 50 kg), four steering casters (thereof two locking steering casters), 2 m condensate hose (diameter 12 mm)</li> </ul>		
<ul style="list-style-type: none"> <li>• microprocessor control .</li> </ul>		
<ul style="list-style-type: none"> <li>• clear display editable setting with all alarm function</li> </ul>		
<ul style="list-style-type: none"> <li>• over temp protection</li> </ul>		
<ul style="list-style-type: none"> <li>• Interior dimensions WxDxH : 1.246 x 540 x 1.218 mm</li> </ul>		
<ul style="list-style-type: none"> <li>• Steel, stainless steel</li> </ul>		
<ul style="list-style-type: none"> <li>• VOLUME : 800 L .</li> </ul>		
<ul style="list-style-type: none"> <li>• TEMP : 40 – 60 c .</li> </ul>		
<ul style="list-style-type: none"> <li>• 3 ph</li> </ul>		
Price include user and service manual	Yes/No	
Price include installation and training in site.	Yes/No	
Any update of Software will be free of change if needed after of end the warranty.	Yes/No	



Item 21

Workstations ( hood )for mixing and trimming

used for Mixing lamination resin,  
 Suction booth for processing prepreg and carbon materials  
 Connection to an external fan, lighting, cabinet, roll storage  
 Dimensions WxDxH : 140 x 70 x 220 cm  
 Volume flow : Recommended: 500 m<sup>3</sup>/h  
 Air exhaust nozzle Ø : 160 mm  
 With light

Workstations ( hood )for mixing and trimming	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
used for Mixing lamination resin,		
Suction booth for processing prepreg and carbon materials		
Connection to an external fan, lighting, cabinet, roll storage		
Dimensions WxDxH : 140 x 70 x 220 cm		
Volume flow : Recommended: 500 m <sup>3</sup> /h		
Air exhaust nozzle Ø : 160 mm		
With light		
<b>Price include user and service manual</b>	Yes/No	
<b>Price include installation and training in site.</b>	Yes/No	





Item 23

Plaster cast tube retainer

- four adapters with diameters 16 mm, 21 mm, 26 mm and 36 mm used to Plaster modelling without securing the plaster model with jaw clamps or
- ring clamps; for various tube diameter
- Dimensions WxDxH : 119 x 55 x 130
- Material : Stainless steel

diameter  
mm

- \* Kindly your offer will not be taken into below table.

our consideration if you don't fill

Plaster cast tube retainer	Yes/No	Comment
*		
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
<ul style="list-style-type: none"> <li>• four adapters with diameters 16 mm, 21 mm, 26 mm and 36 mm used to Plaster modelling without securing the plaster model with jaw clamps or</li> </ul>	Yes/No	
<ul style="list-style-type: none"> <li>• ring clamps; for various tube diameter</li> </ul>	Yes/No	
<ul style="list-style-type: none"> <li>• Dimensions WxDxH : 119 x 55 x 130 mm</li> </ul>		
<ul style="list-style-type: none"> <li>• Material : Stainless steel</li> </ul>		



Item 24

IR OVEN Turntable trolley sensor

Origin: USA ,EURO

**Used for : Heating plastic materials in a vacuum forming frame or on a sheet with Teflon lining  
Material cart with rotation function for switching between sheet materials and vacuum formed sockets,  
sensor for programmable measurement of the blister depth for vacuum formed sockets, tower light for  
visualising the operating status, incl. 2-stage alarm function .**

*With rotation & sensor*

- Stainless steel housing front and interior
- Housing closed on the bottom
- Vertically opening sliding door with dual gas compression spring support and double-glazed viewing window
- Interior lighting 2 x 25W illuminants
- Opto-electronic IR-measuring head for measuring the material surface temperature
- PID controller, temperature continuously variable from 30°C to 250°C
- Temperature display with nominal and actual values
- Heating process record with graphical gradient display
- PLC with touch panel
- Programmable timer function
- Multilingual user interface
- Control box with plug connectors for straightforward complete replacement in case of repairs
- PLC program update via external USB port

• **Material cart:**

- With rotation function for switching between sheet materials and vacuum formed sockets (755T4=360 tensioning frame, 92)
- with 4 locking casters
- Material cart usable space WxD 1,260 x 1,040 mm
- Working height 1,080 mm

❖ **optional price :****shelf for oven :**

- 3x shelf top .
- Dimensions WxDxH 2,600 x 1,100 x 1,450/1,800 mm ,
- 3x shelf top:
- 5 compartments for max. sheet size 400 x 400 mm , 2 compartments for max. sheet size 2,450 x 1,100 mm
- 1x shelf right: max. sheet width 510 mm
- 1x shelf left: max. sheet width 410 mm

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

IR OVEN Turntable trolley sensor	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts		
<b>Stainless steel housing front and interior</b>		



Interior volume : 709 l		
Housing closed on the bottom	Yes/No	
<i>With rotation &amp; sensor</i>		
3x 400 N/PE / 50-60/ 8.5		
Vertically opening sliding door with dual gas compression spring support and double-glazed viewing window	Yes/No	
Interior lighting 2 x 25W illuminants	Yes/No	
Opto-electronic IR-measuring head for measuring the material surface temperature	Yes/No	
PID controller, temperature continuously variable from 30°C to 250°C	Yes/No	
Temperature display with nominal and actual values		
Heating process record with graphical gradient display		
PLC with touch panel		
Programmable timer function		
Multilingual user interface		
Control box with plug connectors for straightforward complete replacement in case of repairs		
PLC program update via external USB port	Yes/No	
<b>• Material cart:</b>		
- With rotation function for switching between sheet materials and vacuum formed sockets (755T4=360 tensioning frame, 92)		
- with 4 locking casters		
- Material cart usable space WxD 1,260 x 1,040 mm		
- Working height 1,080 mm		
<b>❖ optional price :</b> <b>shelf for oven :</b>		
- 3x shelf top .		
- Dimensions WxDxH 2,600 x 1,100 x 1,450/1,800 mm ,		
- 3x shelf top:		
- 5 compartments for max. sheet size 400 x 400 mm , 2 compartments for max. sheet size 2,450 x 1,100 mm		
- 1x shelf right: max. sheet width 510 mm		
- 1x shelf left: max. sheet width 410 mm		
Price include installation in site .	Yes/No	





Item25

Vacuum forming device for orthopaedic shoe technology

Origin: USA ,EURO

**Bench model, UNI-LOCK central tensioning system, vertical frame guide, automatic vacuum, electronically time-controlled nine-row quartz panel heating, halogen spotlight illuminates workstation, grate can be pulled out and swivels upwards, integrated 10 m<sup>3</sup>/h vacuum pump (oil-free) with fully integrated COOL-TEC cooling system**

- Dimensions WxDxH : 750 x 590 x 1,050 mm
- Workspace WxD : 600 x 450 mm
- Heater : 5400 W

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

Vacuum forming device for orthopaedic shoe technology	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
<b>Bench model, UNI-LOCK central tensioning system, vertical frame guide, automatic vacuum, electronically time-controlled nine-row quartz panel heating, halogen spotlight illuminates workstation, grate can be pulled out and swivels upwards, integrated 10 m<sup>3</sup>/h vacuum pump (oil-free) with fully integrated COOL-TEC cooling system</b>	Yes/No	
• Dimensions WxDxH : 750 x 590 x 1,050 mm	Yes/No	
• Workspace WxD : 600 x 450 mm		
• Heater : 5400 W	Yes/No	
Price include installation in site .	Yes/No	





Item 26

Vacuum forming workstation with integrated tank

Origin: USA ,EURO

- Workstation include : vacuum pipes, water trap, vacuum pipe holder tilting by 90°, foot pedals to control the vacuum
- Connection to a vacuum system ( delivery rate : 420 L/min & Nominal intake volume )
- **Material:** steel
- 4 pc. vacuum forming workstations
- Dimensions WxDxH : 1,750 x 750 x 750 mm
- **Vacuum connection diameter** : 25 mm, adapter for 13 m
- **Type of Planning and Equipment:** Plastic Forming and Deep-Drawing
- recommended vacuum forming output 10 m<sup>3</sup> per workstation .



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

Vacuum forming workstation with integrated tank	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
<b>Workstation include : vacuum pipes, water trap, vacuum pipe holder tilting by 90°, foot pedals to control the vacuum</b>	Yes/No	
<b>Connection to a vacuum system ( delivery rate : 420 L/min &amp; Nominal intake volume )</b>		
<b>Dimensions WxDxH : 1,750 x 750 x 750 mm</b>	Yes/No	
<b>Material: steel</b>		
<b>Vacuum connection diameter : 25 mm, adapter for 13 m</b>	Yes/No	
<b>Type of Planning and Equipment: Plastic Forming and Deep-Drawing</b>		
<b>recommended vacuum forming output 10 m<sup>3</sup> per workstation .</b>		
Price include installation in site .	Yes/No	



Item 19-27

Workbench for six persons

Six drawers, Airflow suction, electricity and compressed air connection per workstation (consisting of 2x grounded outlet and 2x compressed air connection)

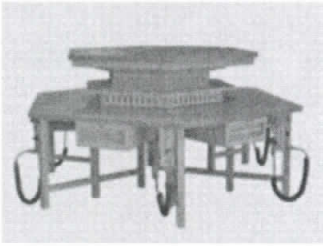
Dimensions WxDxH : 2,400 x 2,078 x 850 mm

Volume flow : Recommended: 1,000 m<sup>3</sup>/h

Material : Steel, wood

Optional price :

exhaust fan or a central exhaust system is required for dust collection



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

* <b>Workbench for six persons</b>	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
Six drawers, Airflow suction, electricity and compressed air connection per workstation (consisting of 2x grounded outlet and 2x compressed air connection)	Yes/No	
Dimensions WxDxH : 2,400 x 2,078 x 850 mm	Yes/No	
Volume flow : Recommended: 1,000 m <sup>3</sup> /h		
Material : Steel, wood	Yes/No	
Optional price : exhaust fan or a central exhaust system is required for dust collection		
Price include installation in site .	Yes/No	



Item 28

Double grinding machine

Origin: USA ,EURO

- Two corundum grinding wheels with different grit, protective hood and tool rests
- Floor model
- With protector
- Grinding wheel Ø : 20 cm
- Power : .55 kw
- 3 phase
- Price include gridding wheels
- Ready to use with all accessories .

Optional price :

- Spark protection
- Hand dressing tool

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

Double grinding machine	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
• Two corundum grinding wheels with different grit, protective hood and tool rests	Yes/No	
• Floor model	Yes/No	
• Grinding wheel Ø : 20 cm	Yes/No	
• Power : .55 kw	Yes/No	
• 3 phase	Yes/No	
• With protector	Yes/No	
• Price include gridding wheels	Yes/No	
Ready to use with all accessories	Yes/No	
Optional price : - Spark protection - Hand dressing tool		
Price include installation and training on site .	Yes/No	





Item 29

prostheses.A. Assembly

Origin: USA ,EURO

- Bench alignment of modular lower limb prostheses .
- Quick-action clamping device, two inflatable clamping devices for attaching sockets, holder for knee joint adapter inserts, integrated measuring accessories, mm rulers, goniometers, height-adjustable footplate, TT and TF alignment pads
- Dimensions WxDxH : 800 x 900 x 2,100 mm .
- Includes one right and one left adapter insert for knee joints (with all of adaptors ) .
- Ready to use with all accessories .



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

prostheses.A. Assembly	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
Bench alignment of modular lower limb prostheses .	Yes/No	
Quick-action clamping device, two inflatable clamping devices for attaching sockets, holder for knee joint adapter inserts, integrated measuring accessories, mm rulers, goniometers, height-adjustable footplate, TT and TF alignment pads	Yes/No	
Dimensions WxDxH : 800 x 900 x 2,100 mm .	Yes/No	
Includes one right and one left adapter insert for knee joints (with all of adaptors ) .	Yes/No	
Ready to use with all accessories	Yes/No	
Price include installation and training on site .	Yes/No	





Item 30

Pro-Fit 3000 socket router

Origin: USA ,EURO

- for Tooling Wood and Plastic Socket routers
- Electric height adjustment 40 CM , 5/8" milling shaft thread.
- adapter from 5/8" to M16 thread, adapter 5/8" to 5/8".
- suction hood, shaft protector short and long, exhaust nozzle for external suction system.
- tool set for changing the socket router cutters.
- self-fixing exhaust arm, floor suction, LED lamp, tool holder
- Exhaust nozzle Ø ; 12.5 cm
- Speed : max. 3,500 RPM
- Router shaft length ; 39.5 cm .
- Chip suction : Connection to a central chippings extraction system with a minimum air velocity of 20 m/s .
- With all stander accessories
- Optional accessories must be priced separately .

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

* Pro-Fit 3000 socket router	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
	Yes/No	
- for Tooling Wood and Plastic Socket routers	Yes/No	
- Electric height adjustment, 5/8" milling shaft thread.		
- adapter from 5/8" to M16 thread, adapter 5/8" to 5/8".		
- suction hood, shaft protector short and long, exhaust nozzle for external suction system.		
- tool set for changing the socket router cutters.		
- self-fixing exhaust arm, floor suction, LED lamp, tool holder		
- Exhaust nozzle Ø ; 12.5 cm		
- Speed : max. 3,500 RPM		
- Router shaft length ; 39.5 cm .		
- Chip suction : Connection to a central chippings extraction system with a minimum air velocity of 20 m/s .		
Ready to use with all accessories	Yes/No	
Price include installation and training on site .		



Item 33

central Dust collector

Origin: USA, EURO.

- Suction for Tooling Wood and Plastic
- Suction frequency controller.
- microprocessor control
- exhaust nozzle top left.
- 100 % duty cycle
- air return via filter system.
- Sound level less than 65 db .
- motorized cleaning, fine particle filter, 99.99% cleaning performance,
- controller for automatic start-up of processing machines with potential-free contact.
- max. negative pressure 2,900 Pa
- volume flow: 2500 m<sup>3</sup>/h .
- with all accessories

- optional price :

all filters .

all needed accessories

تلتزم الشركة بمعاينة الموقع وابداء اية ملاحظ تلتزم لتركيب والتشغيل قبل التوريد

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

* central Dust collector	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
Suction for Tooling Wood and Plastic	Yes/No	
Suction frequency controller.	Yes/No	
microprocessor control	Yes/No	
exhaust nozzle top left.	Yes/No	
100 % duty cycle	Yes/No	
air return via filter system.	Yes/No	
Sound level less than 65 db .	Yes/No	
motorized cleaning, fine particle filter, 99.99% cleaning performance,	Yes/No	
controller for automatic start-up of processing machines with potential-free contact.	Yes/No	
max. negative pressure 2,900 Pa	Yes/No	
volume flow: 2500 m <sup>3</sup> /h .	Yes/No	
السعر يشمل التوريد والتركيب في الموقع والتدريب	Yes/No	
Ready to use with all accessories	Yes/No	



Item 34

Compressor ( Oil Free Air ) with Dryer

Brand name

warranty: 3 years .

origin: USA . ERUOPE.

OIL FREE AIR compressor

Up to 950 L/min .

With storage tank 300 L or More .

100 % duty cycle .

Pressure up to 9 bar.

Over load (electrical )

Over pressure safety valve.

With automatic drain

with control box ( display for pressure temp with all services massage and errors)

With bacteria filter

Heavy duty inlet filter panel

sound pressure 60dB

auto restart

3 phase.

With dryer.

Complete system with all accessories.

10 years availability spare parts.

Service and user manuals.

- السعر يشمل التركيب والتوصيل للموقع ، تلتزم الشركة بزيارة الموقع لإبداء اية ملاحظة تلزم لتركيب قبل التوريد

Air Compressor ( Oil Free Air ) with Dryer	Compliance Yes / No ( if no put your comments )
Manufacture	Manufacture
Model	Model
Warranty: 3 years .	Yes / No
Origin: USA. ERUOPE.	Yes / No
Up to 950 L/min .	Yes / No
With storage tank 300 L or More .	Yes / No
100 % duty cycle .	Yes / No
Pressure up to 9 bar.	Yes / No
Over load (electrical )	Yes / No
Over pressure safety valve.	Yes / No
With automatic drain	Yes / No
with control box ( display for pressure temp with all services massage and errors)	Yes / No
With bacteria filter	Yes / No



Heavy duty inlet filter panel	Yes / No
sound pressure 60dB	Yes / No
auto restart	Yes / No
3 phase.	Yes / No
Complete system with all accessories .	Yes / No
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
10 years Warranty for spare parts Availability from date of instillation	Yes / No
Price should be include installation	Yes / No
Service & operation manuals and spare parts list are included	Yes / No
Date of manufacturing system not less than 2020 .	Yes / No





Item 35

Electric cutter

- With flat base, cutting depth up to 8 mm, integrated sharpener for the knife, fully insulated, noise suppression according to VDE, two six-bow
- Knives
- For cutting fabrics, foils and soft leather
- Knife speed under nominal load : 2,400 min-1

\* not be taken into our consideration if you don't fill below table.

* Electric cutter	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
• With flat base, cutting depth up to 8 mm, integrated sharpener for the knife, fully insulated, noise suppression according to VDE, two six-bow	Yes/No	
• Knives	Yes/No	
• For cutting fabrics, foils and soft leather	Yes/No	
• Knife speed under nominal load : 2,400 min-1	Yes/No	
Ready to use with all accessories	Yes/No	
Price include installation and training on site .	Yes/No	



Item 36

CAD CAM System

- **Brand**
- **Origin : USA . EUROPE**
- **For** ortho-prothesists
- 3 years warranty, 10 years availability spare parts.

**CAD/CAM system : with All standard Accessories to make it fully functional and operational from input ( camera & scanner ) + analysis and design with processing and enhancement Software, PC + out put to ( Milling can be used with any scanner or 3D CAD software that allows to export files in standard formats stl or else )**

- Open system ability to integrate multivendor or any component system.
- Any Software updates should be free of charge up to 3 years .
- With all milling pairs .
- **Scanner:**
- \* Easy clean, Lightweight 700 g.
- \* Fast and Easy operation and installation can be connected to pc via a USB and allowing to portability from pc to pc.
- \* Can be combined with any milling machine ( open file ) .
- \* Accuracy : up to 0.5 mm
- \* Stand off Distance :  $\pm$  40 cm
- \* Connection : USB /WIFI
- \* Application : plantar surface , knee , torso , seats , prosthetics , hand , footwear ,cranial .

Milling machine:

- \* 7 axis robot
- \* High Milling Accuracy
- \* Carving capacity table ( rotate : diameter 80 cm x 170 cm Height ) ( vertical : height 200cm x depth 45 cm width 90 ) ( horizontal : 100 cm x 100 cm height 45 cm )
- \* Automatically Measures the Tool Length .
- \* Low nise level
- \* Ideal for machining : Braces , AFOs , KAFOs , Prosthesis , Rigid mold for seats , Standing shell , Helmets , Mold for shoes Seat in soft foam , Insoles , Mattresses, Abduction plots , Shoe last
- \* Carving time : Brace: ~15 minutes - Standing shell: ~35 minutes .
- \* With all standard accessories .
- \* Ready with software
- \* Open system ability to integrate multivendor or any component system.

- تلتزم الشركة بتقديم جميع متطلبات التركيب من كهرباء و مساحات، هواء، شفط، انترنت او اية ملاحظات تلزم في العرض المقدم بشكل واضح وغير ذلك تعتبر الشركة ملزمة بجميع النواقص .
- تلتزم الشركة بتقديم جدول المطابق بالأسفل مع تقديم عرض تقني
- السعر يشمل التوريد والتركيب في الموقع المخصص في الجامعة العربية الأمريكية والتدريب الداخلي والخارجي لطواقم .
- الكفالة 3 سنوات تشمل أجور جميع التكاليف .

CAD CAM System	Compliance Yes / No ( if no put your comments )
Manufacture	
Model	
Warranty: 3 years .	Yes / No



Origin: USA. ERUOPE.	Yes / No
<b>CAD/CAM system : with All standard Accessories to make it fully functional and operational from input ( camera &amp; scanner ) + analysis and design with processing and enhancement Software, PC + out put to ( Milling can be used with any scanner or 3D CAD software that allows to export fles in standard formats stl or else )</b>	Yes / No
• Open system ability to integrate multivendor or any component system.	Yes / No
• Any Software updates should be free of charge up to 3 years .	Yes / No
• With all milling pairs .	Yes / No
• <b>Scanner:</b>	Yes / No
* Easy clean, Lightweight 700 g.	Yes / No
* Fast and Easy operation and installation can be connected to pc via a USB and allowing to portability from pc to pc.	Yes / No
* Cab be combined with any milling machine ( open file ) .	Yes / No
* Accuracy : up to 0.5 mm	Yes / No
* Stand off Distance : ± 40 cm	Yes / No
* Connection : USB /WIFI	
* Application : plantar surface , knee , torso , seats , prosthetics , hand , footwear ,cranial .	
<b>Milling machine:</b>	
* 7 axis robot	
* High Milling Accuracy	
* Carving capacity table ( rotate : diametr 80 cm x 170 cm Height ) ( vertical : height 200cm x depth 45 cm width 90 ) ( horizontal : 100 cm x 100 cm height 45 cm )	
* Automatically Measures the Tool Length .	
* Low nise level	
* Ideal for machining : Braces , AFOs , KAFOs , Prosthesis , Rigid mold for seats , Standing shell , Helmets , Mold for shoes Seat in soft foam , Insoles , Mattresses, Abduction plots , Shoe last	
* Carving time : Brace: ~15 minutes - Standing shell: ~35 minutes .	
* With all standard accessories .	
* Ready with software	
* Open system ability to integrate multivendor or any component system.	
• تلتزم الشركة بتقديم جميع متطلبات التركيب من كهرباء و مساحات , هواء , شفط , انترنت او اية ملاحظات تلزم في العرض المقدم بشكل واضح وغير ذلك تعتبر الشركة ملزمة بجميع النواقص .	
• تلتزم الشركة بتقديم جدول المطابق بالأسفل مع تقديم عرض تقني	
• السعر يشمل التوريد والتركيب في الموقع المخصص في الجامعة العربية الأمريكية والتدريب الداخلي والخارجي لطواقم	





• الكفالة 3 سنوات تشمل أجور جميع التكاليف	
Complete system with all accessories .	Yes / No
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 include application internal and external with all costs for all parts of system including software	
Price should be include installation	Yes / No
Price include service training with all costs at manufacture	
Service & operation manuals and spare parts list are included	Yes / No
Date of manufacturing system not less than 2020 .	Yes / No





Item 37

Flexam Master

- For orthopaedic ( Orthopedic Shoe Technology and Leather Processing)
- its compact design as a complete milling, grinding, scouring and polishing system.
- integrated suction system, manual opening of the suction vents, base can be unscrewed.
- single-speed motor.
- emergency stop switch
- electric : 3 phase 3kw
- 1x bayonet connector.
- 1x dinting machine with bayonet.
- 1x heel cutter 18 mm.
- 1x narrow sanding belt LxW 1,650 x 40 mm.
- 1x wide sanding belt LxW 1,480 x 100 mm distance between sanding belts 300 mm
- 1x naumkeag.
- 2x triple polishing unit

Flexam Master	Compliance Yes / No ( if no put your comments )
Manufacture	Manufacture
Model	Model
Warranty: 3 years .	Yes / No
Origin: USA. ERUOPE.	Yes / No
<ul style="list-style-type: none"> <li>• For orthopedic ( Orthopedic Shoe Technology and Leather Processing)</li> </ul>	Yes / No
<ul style="list-style-type: none"> <li>• its compact design as a complete milling, grinding, scouring and polishing system.</li> </ul>	Yes / No
<ul style="list-style-type: none"> <li>• integrated suction system, manual opening of the suction vents, base can be unscrewed.</li> </ul>	Yes / No
<ul style="list-style-type: none"> <li>• single-speed motor.</li> </ul>	Yes / No
<ul style="list-style-type: none"> <li>• emergency stop switch</li> </ul>	Yes / No
<ul style="list-style-type: none"> <li>• electric : 3 phase 3kw</li> </ul>	Yes / No
<ul style="list-style-type: none"> <li>• 1x bayonet connector.</li> </ul>	Yes / No
<ul style="list-style-type: none"> <li>• 1x dinting machine with bayonet.</li> </ul>	Yes / No
<ul style="list-style-type: none"> <li>• 1x heel cutter 18 mm.</li> </ul>	Yes / No
<ul style="list-style-type: none"> <li>• 1x narrow sanding belt LxW 1,650 x 40 mm.</li> </ul>	Yes / No
<ul style="list-style-type: none"> <li>• 1x wide sanding belt LxW 1,480 x 100 mm distance between sanding belts 300 mm</li> </ul>	Yes / No
<ul style="list-style-type: none"> <li>• 1x naumkeag.</li> </ul>	Yes / No
<ul style="list-style-type: none"> <li>• 2x triple polishing unit</li> </ul>	
السعر يشمل التوريد والتركيب في الموقع والتدريب	Yes / No
Complete system with all accessories .	Yes / No
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
10 years Warranty for spare parts Availability from date of instillation	Yes / No
Price should be include installation	Yes / No
Service & operation manuals and spare parts list are included	Yes / No
Date of manufacturing system not less than 2020 .	Yes / No



Item 38

transfer device

Origin: USA ,EURO

- equipment Adapter ring, holder for exhaust tube, for clamping in the vice. To be used for transfer applications for alignment
- WxDxH 10 1/4 x 40 1/8 x 11 3/4 inch
- Galvanised square steel tubing

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

transfer device	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty and 10 years availability for spare parts	Yes/No	
<ul style="list-style-type: none"> <li>• equipment Adapter ring, holder for exhaust tube, for clamping in the vice. To be used for transfer applications for alignment</li> </ul>	Yes/No	
<ul style="list-style-type: none"> <li>• WxDxH 10 1/4 x 40 1/8 x 11 3/4 inch</li> </ul>	Yes/No	
<ul style="list-style-type: none"> <li>• Galvanised square steel tubing</li> </ul>	Yes/No	

