INSTRUCTIONAL EQUIPMENT REQUEST 2018-2019

Internal Use
IE #: Fall-31
Total $:

Requester Name: James Weston **Division Name:** SLPC

SUMMARY INFORMATION

Title of Item: Induction Innovations Mini-Ductor II

Equipment Location Building: 800 **Room:** 808

Location Comments:

SECTION 1: EQUIPMENT DESCRIPTION

The equipment is: ○ A Replacement ○ An Upgrade ◉ New Equipment/Technology

Describe the specific equipment requested and how it will be used to replace, upgrade or provide new technology to LPC from what is currently in place:

The equipment requested is a handheld induction heater used in the automotive field to heat and loosen rusted or corroded fasteners on vehicles. An induction heater is used as an alternative to using an open flame gas torch, which is a far less controllable and safe way to heat stuck fasteners.

Currently we use various chemicals such as WD40, PB Blaster or Liquid Wrench when we encounter stuck and siezed automotive fasteners. Many times these various penetrating lubricants are unable to free a stuck fastener, we believe an induction heater will be a better and safer way.

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SECTION 1: EQUIPMENT DESCRIPTION (contd)

If applicable, describe the legal requirement, mandate, or safety concern for purchase of this equipment, making specific reference to the legal requirement or regulation:

As mentioned previously we believe the induction heater will be a far safer method to using harsh chemicals or a gas torch.

SECTION 2: LPC MISSION STATEMENT AND LPC PLANNING PRIORITIES

LPC MISSION STATEMENT:

LPC is an inclusive learning-centered institution providing educational opportunities and support for completion of students' transfer, degree, basic skills, career-technical, and retraining goals.

LPC PLANNING PRIORITIES:

- **Accreditation: Establish regular and ongoing processes to implement best practices to meet ACCJC standards.**
- **Curriculum: Provide necessary institutional support for curriculum development and maintenance.**
- **Tutoring Services: Expand tutoring services to meet demand and support student success in Basic Skills, CTE, and Transfer courses.**
- **Professional Development: Coordinate available resources to address current and future professional development needs of faculty, classified professionals, and administrators in support of educational master plan goals.**

Specify how the equipment supports *LPC's Mission Statement* and *Planning Priorities*:

This equipment supports our mission statement by providing educational opportunities and support to career-technical students in particular.

Cirriculum- As basic as it sounds, teaching our students the proper methods to free stuck or siezed automotive fasteners is part of the curriculm in many of our classes.

SECTION 3: EDUCATIONAL ITEMS – PROGRAM REVIEW

Specify the educational programs this equipment supports:

Automotive Technology

If this equipment is included in your Program Review, please include the exact wording. If equipment is not included, explain why:

While this particular equipment is not specifically mentioned, our Program Review makes many references to the need for keeping up with industry standards and replacement of aging equipment.

SECTION 4: TEACHING AND LEARNING

Describe in detail the impact this equipment will have on teaching:

Faculty will be able to present an alternative method of freeing stuck fasteners to harsh chemicals or an open gas flame.

Describe in detail the impact this equipment will have on learning:

Students will learn a safe and very effective method to free stuck fasteners.

Each academic year, this equipment will impact: 8 **# of classes/sections** 100 **# of students**

SECTION 5: OUTCOMES (SLOs)

Using your documented SLOs, specify how the equipment will enable student learning outcomes to be achieved.

One of our program wide course SLO's is "Student will be able to follow safety guidelines while employed in an automotive related job".

The process of freeing stuck fasteners is a common way that automotive technicians injure themselves in the workplace. As mentioned previously, we want to expose students to as many options as possible to keep themselves safe while on the job.

What are the consequences related to learning outcomes if request is not funded?

We will continue the methods currently in use and only be able to advise stundents on the exsistance of this tool instead of them actually being able to learn how to use one.

SECTION 6: TOTAL COST OF OWNERSHIP (FINANCIAL & SUSTAINABILITY)

What is the potential life span of the requested equipment?

15-20 years

If new storage is needed what are the storage requirements, location requirements, and costs associated with the new equipment: (NOTE: Specific storage costs should be detailed in the "*Part A: Initial Start-up Costs*" section below.)

N/A

If this equipment replaces old equipment but the old equipment will not be retired, are there on-going storage requirements, location requirements, and costs associated with the old equipment? If so, provide details.

N/A

What will be required to maintain the equipment, such as regular servicing or upkeep? (Specific on-going costs should be detailed in the "*Part B: On-Going Annual Operating Costs*" sections below as applicable.)

Other than basic care, cleaning and minor maintenance no major costs or technican hours will be needed to maintain this equipment.

Explain how this equipment meets or exceeds basic sustainability efforts and/or provides renewable resources to the college:

As mentioned above, this equipment should last 15-20 years because it is high-quality, well-engineered equipment that does not need to be thrown away, can be repaired and carries a long warranty.

SECTION 6: TOTAL COST OF OWNERSHIP (contd)

Part A: Initial Start-up Costs

Item	Cost	Comments
Equipment or Materials	664.00	
Taxes (9.5%)	62.59	
Shipping or Delivery Charge	12.65	
Installation Costs *		
Miscellaneous Costs:		
Facilities Modifications		
Operator Training		
Maintenance & Repair Training		
Storage		
Other:		
Vendor Discount	166.00	
Grand Total:	$ 739.24	

***For items requiring installation, requesters are required to check with District Purchasing (Victoria Lamica) regarding District policies.**

Part B: On-Going Annual Operating Costs

Item	Cost	Comments
Annual Service or Maintenance		
Estimated Parts Replacement Per Year		
Outside Standardization or Calibration Costs		
Storage Costs		
New Supply Costs		
Miscellaneous Costs:		
Maintenance & Repair Labor		
Other:		
Annual Operating Costs:		

Indicate the source of funding for on-going annual operating costs:

SECTION 6: TOTAL COST OF OWNERSHIP (contd)

Part C: Incremental Labor Costs

OPERATOR:

Indicate the key operator: Students

Is this in their current scope of duties? Yes

Indicate cost to train key operator (include in Initial Start-up Costs above): 0

Indicate amount of time per month key operator will use equipment: 3 hours

MAINTENANCE & REPAIRS:

Indicate the person performing maintenance and repairs: James Weston

Is this in their current scope of duties? Yes

Indicate cost to train for maintenance and repairs: 0

Indicate amount of time per month maintenance will be required: 5 Minutes

APPROVALS

Funded requesters will be expected to respond to a brief RAC feedback survey by a requested deadline. Requests for computer-related equipment and printers must be reviewed by the LPC IT Department.

Signatures:

Requester	**Date** 9/12/18
IT Department (if required)	**Date**
Dean/Manager	**Date** 5-28-18
Vice President	**Date** 9/28/18

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LAS POSITAS COLLEGE Equipment, Apparatus and Service Requisition #R

FOR REIMBURSEMENT: List payee name & ssn. TAX ID#

SUGGESTED VENDOR **Snap On Industrial**

FOR OFFICE USE ONLY

NAME OF STAFF MEMBER	DATE WRITTEN	DATE REQUIRED	DIVISION/ DEPARTMENT	For inventory purposes include room # where equipment will reside: 808 CTR	RETURN COPY of REQUISITION TO:
James Weston	**12-Sep-18**	**ASAP**	Auto/SLPC		J. Weston, V. Ball

DESCRIPTION (PRODUCT, TYPE, SIZE, COLOR, STOCK NUMBER)	UNIT	QTY	UNIT PRICE	TOTALS
INIMD-700AK Mini Ductor II Kit w/Coil Set	ea	1	$664.00	$ 664.00
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -

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Vendor Information/ Remit To:
Snap On Industrial
PO BOX 9004
Crystal Lake, IL 60039-9004
Sales Rep Bob Parades 916-204-4075

Deliver To, include room # (optional):
James Weston 925-424-1137 Rm. 808
Las Positas College
3000 Campus Hill Drive
Livermore, CA 94551

Subtotal		$ 664.00
Tax	$ 0.0925	$ 62.59
Shipping (if available):		$12.65
TOTAL COST		**$739.24**

Comments:

BT#

Original invoices and receipts must be attached for payment. Include current taxes unless incorporated in price.

ACCOUNT # _____
FUND ORG ACCT PROGRAM

Business Office

APPROVALS

Supervisor/ Coordinator/ Director

Dean/ VP/ President

Snap-on Industrial

Quote

Submit To: Snap-on Industrial,
A Division of IDSC Holdings LLC
PO BOX 9004
Crystal Lake, IL 60014-9004

877-740-1900

Number	**CRM-001-272831828**	**Date:**	**9/14/2018**
Type	Quote	**Valid Until:**	**11/13/2018**
Customer #	200051182		
Cust PO #	Heat Gun		
Ship Via	UPS GROUND		
Terms	P45 - NET 45 DAYS		
Sales Rep	Robert Paredes / 916-204-4075		
Fax/Mobile			
E-mail	robert.f.paredes@snapon.com		

Delivery To : **200051182**

LAS POSITAS COLLEGE
ATTN: RECEIVING DEPARTMENT
3000 CAMPUS HILL DRIVE
LIVERMORE, CA 94551

ATTN: James Weston

Bill To **200819221**

CHABOT-LAS POSITAS C.C.D.
7600 DUBLIN BLVD, 3RD FLOOR
DUBLIN, CA 94568

The Mini-Ductor II® is the professionals choice hand held flameless torch. Leverage the power of technology with Invisible Heat®! The flameless solution for releasing corroded or frozen hardware and other metallic components from corrosion and thread-lock compounds. All without the collateral damage normally associated with torches. Heats nuts red hot in seconds!

Features

Just a few seconds is all it takes to heat up a frozen bolt or nut for removal
Heat and release nuts/bolts, bearings/races, pins, gears, pulleys ,O2 sensors and more!
Can be used to remove vinyl graphics, body side moldings, name plates/emblems, and to stress relieve dents for ease of repair
Benefits

Safer than using an open flame torch
Avoid damaging surrounding parts and finishes

Item	Description	Qnty	List Price	Unit Price	Total
INIMD-700AK	MINI DUCTOR II KIT W/COIL SET	1	830.00	664.00	664.00

Tax and freight shown are estimates.
Applicable tax and freight will be charged to the Customers account.

Total List **830.00**

Sub Total	**$664.00**
Freight	**$12.65**
Tax Total	**$62.59**
Total	**$739.24**

The sale of product is subject to Snap-on Industrial's standard terms and conditions of sale. Placement of an order is Customer's assent to these terms and conditions and Snap-on hereby objects to any additional and/or different terms which may be contained in any Customer forms or other documents. No such additional terms will be of any force or effect.
The sale of product is subject to Customer meeting Snap-on Industrial's credit approvals. Financing through Snap-on Credit LLC is available on most purchases. Ask your Sales Rep for more information.

*Please provide vendor and pricing information to customer service on this part number.