

**PURCHASING DIVISION
CITY OF WORCESTER
MASSACHUSETTS 01608-1895
455 MAIN STREET
ROOM 201 - CITY HALL**

**PHONE (508) 799-1220
FAX (508) 799-1203**

REQUEST FOR QUOTATION

BID NO.: 7391-D0
DATE: April 9, 2020
BID DUE: For this bid to be considered, one fully completed copy of this form must be returned to us by: 4:00 PM, April 24, 2020
(EMAIL COPIES ARE ACCEPTABLE)
EMAIL: wagnerd@worcesterma.gov
CITY OF WORCESTER Christopher J. Gagliastro, MCPPO Purchasing Agent
BUYER: Danielle Wagner

AN EQUAL OPPORTUNITY AFFIRMATIVE ACTION EMPLOYER

Bidders must state and identify the product offered, such as manufacturer's name, trade name, brand name and quality next to each item. **WE MUST KNOW WHAT HAS BEEN OFFERED.** By virtue of the offeror's signature below, proposer certifies that the product (s) or service (s) bid are in compliance with the City's terms, conditions and specifications in all aspects.

BIDDER TO COMPLETE ITEMS BELOW

Item No.	Quantity	DESCRIPTION and/or SPECIFICATIONS	Mfg	Model #	Unit / Total Price
		<p>Furnish and Deliver an Augmented Reality/Virtual Reality Training System per the attached requirements and specifications of the Worcester Public Schools.</p> <p>Quotes may be emailed to wagnerd@worcesterma.gov</p> <p>Please direct questions pertaining to this bid to Danielle Wagner via email at wagnerd@worcesterma.gov.</p>			See Pricing/Specification Page

<p>ABOVE ARE FOR (DEPT.) <u>WORCESTER PUBLIC SCHOOLS</u></p> <p>DELIVERY TO BE F.O.B. (LOCATION) <u>Worcester Technical High School 1 Skyline Drive Worcester, MA 01605</u></p> <p>DELIVERY IS REQUIRED : by June 26, 2020</p> <p>BIDDER TO SPECIFY:</p> <p>DELIVER _____ DAYS FROM DATE OF ORDER _____</p> <p>CASH DISCOUNT: _____ % 30 DAYS, NET 45 DAYS</p>	<p>BIDDER _____</p> <p>ADDRESS _____</p> <p>CITY/TOWN _____</p> <p>STATE _____ ZIP _____</p> <p>AUTHORIZED SIGNATURE _____</p> <p>TITLE _____ TEL.: _____</p> <p>DATE: _____ EMAIL: _____</p>
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CONDITIONS

1. Cash discounts will be considered when determining the low bid except when cash discounts are for a period of less than 30 days. In this event cash discounts will not be taken into consideration when determining low bid.
2. Time, in connection with discount offered, will be computed from date of completion and/or delivery and acceptance at destination, or from date correct bill or voucher properly certified by the contractor is received if the latter date is later than the date of completion and acceptance and/or delivery and acceptance.
3. As the City of Worcester is exempt from the payment of Federal Excise Taxes, and Massachusetts Sales Tax, prices quoted herein are not to include these taxes.
4. **All prices are to be firm F.O.B. Delivered Destination, City of Worcester, Massachusetts, unless otherwise indicated by the City.** Time reserved for award is ninety days.
5. In case of error in the extension prices quoted herein, the unit price will govern.
6. It is understood and agreed that should any price reductions occur between the opening of this bid and completion of any delivery of any order, the benefit of all such reductions will be extended to the City.
7. The City of Worcester reserves the right to reject any and all bids, wholly or in part, and to make awards in a manner deemed in the best interest of the City.
8. Awards will be made to the bidder quoting the lowest net price in accordance with specifications.
9. The bidder to whom a contract is awarded guarantees to the City of Worcester all equipment, materials and/or workmanship for a period of one (1) year after final inspection and acceptance and shall replace promptly any defective equipment, materials and/or workmanship required without additional cost to the City.
10. It is understood and agreed that in the event of failure on the part of the bidder to indicate date of delivery and/or completion, delivery and/or completion will be made within twelve (12) days from date of purchase.
11. The Bidder must certify that no official or employee of the City of Worcester, Massachusetts is pecuniarily interested in this quotation or in the contract which the bidder offers to execute or in expected profits to arise therefrom, unless there has been compliance with provisions of G.L. C.43 Sec. 27, and that this quotation is made in good faith without fraud or collusion or connection with any other person submitting a quotation.
12. This inquiry implies no obligation on the part of the buyer, City of Worcester, Mass. Quotations will not be considered unless returned on this form. Your proposal should be forwarded to the office of the Purchasing Division, City of Worcester in a sealed envelope, plainly marked: "Quotation on (item requested)" - also, please show Bid Number.
13. It is understood and agreed that it shall be a material breach of any contract resulting from this bid for the Contractor to engage in any practice which shall violate any provisions of Massachusetts General Laws, Chapter 151B, relative to discrimination in hiring, discharge, compensation, or terms, conditions or privileges of employment because of race, color, religious creed, national origin, sex, age or ancestry.

CERTIFICATE OF GOOD FAITH FORM AS REQUIRED BY M.G.L. c. 30B

UNDER MASSACHUSETTS GENERAL LAWS, CHAPTER 30B: SECTION 10, THE FOLLOWING CERTIFICATION MUST BE PROVIDED:

Section 10. A person submitting a bid or a proposal for the procurement or disposal of supplies, or services to any governmental body shall certify in writing, on the bid or proposal, as follows:

" The undersigned certifies under penalties of perjury that this bid or proposal has been made and submitted in good faith and without collusion or fraud with any other person. As used in this certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club, or other organization, entity, or group of individuals."

(Please Print) _____

Name of Person Signing Bid

Signature of Person Signing Bid

Company

No award will be made without vendor certification of the above.

Please direct **ALL** questions pertaining to this bid to Danielle Wagner via e-mail at wagnerd@worcesterma.gov

IMPORTANT NOTICE TO BIDDERS:

**BIDDERS ARE ADVISED NOT TO TAKE ANY EXCEPTIONS TO THE CITY'S TERMS & CONDITIONS.
BIDS THAT INCLUDE COMPANY TERMS & CONDITIONS WHICH CONFLICT WITH THOSE OF THE CITY MAY BE REJECTED.**

Bid #: 7391-D0, AR/VR Training System - WPS ~ Specifications

Worcester Technical High School
1 Skyline Dr.
Worcester, MA 01605

Must be delivered no later than June 26, 2020

Augmented Reality / Virtual Reality Training System which contains:

- **All-In-One AR/VR Computer**

Must combine elements of VR and AR to create mixed reality experiences that are immersive, interactive and lifelike.

Must be designed to run performance-heavy applications, making it an ideal station for developers, designers, and CTE schools.

Display - 24" HD Display (1920x1080) with head tracked stereo display technology

Processor - Intel i7

Memory - 16 GB DDR4 RAM

Graphics - Radeon Pro WX3100 Embedded GPU

Storage - 256 GB SSD

Camera - Webcam

Peripherals – Stylus, Polarized Tracked Eyewear, Keyboard and Mouse

Operating System – Windows 10

Ports - USB 2.0(x3), USB 3.0(x2), Audio (R, L, M), HDMI, Ethernet, Stylus

Physical Specs. - System: 17.8"H * 25.25"W * 3.3"D Weight: 24.3 lb

Warranty – 3-year warranty

Camera Kit and Software – Mountable camera that allows projection of Augmented 3D to a projector

- **Laptop AR/VR Computer**

Must combine elements of VR and AR to create mixed reality experiences that are immersive, interactive and lifelike.

Must be designed to run performance-heavy applications

Display - 15" HD Display (1920x1080) with head tracked display technology

Processor - AMD APU A9-9420

Graphics - AMD APU A9-9420

Storage - 512 GB SSD

Memory - 16 GB DDR4 DRAM

Operating System – Windows 10

Peripherals - Power adapter, Stylus, Polarized Tracked Eyewear (3D)

Physical Specs - 11 1/5"H * 15 3/8" * 10 3/4"D

Ports - USB 3.0 – 2 ports (support BC1.2 spec), Audio input/output port, HDMI port, Kensington Lock Port, Stylus input port, USB-C (Support Power Delivery/USB3.0/USB2.0/Display Port)

Warranty – 3-year warranty

- **Learning Application Suite**

AR/VR application suite that provides annual content for the following subjects areas:

3D Modeling

Manufacturing

Robotics

Hospitality & Tourism

Allied Health

Automotive

Information Technology

<u>Item:</u>	<u>Description:</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
1	All-In-One AR/VR Computer	2	\$ _____	\$ _____

List Manufacturer & Model #:

2	Laptop AR/VR Computer	6	\$ _____	\$ _____
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List Manufacturer & Model #:

3	Learning Application Suite	1	\$ _____	\$ _____
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List Manufacturer & Model #:

TOTAL PRICE ALL ITEMS \$ _____ *

*Must bid all items. Award to be made in the aggregate.