



City Council Memorandum

City of Arts & Innovation

TO: HONORABLE MAYOR AND CITY COUNCIL **DATE: December 1, 2015**

FROM: LIBRARY DEPARTMENT **ITEM NO:**

WARDS: ALL

SUBJECT: ACCEPTANCE OF \$6,500 IN GIFT DONATIONS FROM FIVE RIVERSIDE ROTARY CLUBS - ARLINGTON, MAGNOLIA CENTER, RIVERSIDE, RIVERSIDE EAST AND RIVERSIDE SUNRISE - FOR LIBRARY PURCHASE OF A 3D PRINTER TO COMPLETE MAKERSPACE – SUPPLEMENTAL APPROPRIATION

ISSUE:

Acceptance of gift donations in the amount of \$6,500 from five Riverside Rotary Clubs for a 3D printer to complete the Library Makerspace.

RECOMMENDATIONS:

That the City Council:

1. Authorize acceptance of gift funds from the Arlington, Magnolia Center, Riverside, Riverside East and Riverside Sunrise Rotary Clubs in the amount of \$6,500 for a 3D printer; and
2. Increase revenue in the amount of \$6,500 and appropriate expenditures in the same amount to the Library Gift Fund Account 5145000-450201.

BACKGROUND:

On October 26, 2015, the Board of Library Trustees was presented with a gift from five Riverside Rotary Clubs in the amount of \$6,500 to purchase a 3D printer for the Library's Makerspace. Board of Library Trustee President Tom Evans led the effort in securing donations from five Riverside Rotary Clubs - Arlington, Magnolia Center, Riverside, Riverside East and Riverside Sunrise. The 3D printer is a key component that completes the Makerspace at the Main Library. A Makerspace is a do-it-yourself space where people gather to participate in individual or organized group activities in order to learn, invent, and make things using digital and non-digital tools for design, programming, fabrication, crafting, and artistic creation.

Libraries are leaders in participatory learning, and Makerspaces fit the mandate for increasing STEM based learning activities. The 3D printers have many exciting applications. The common material used in 3D printing is an advanced plastic of ABS (acrylonitrile butadiene

styrene) and PLA (polylactic acid). They are used to create everything from toy figurines to prosthetic limbs. Additionally, there is an application that makes 3D printing accessible to those who do not know how to code by converting 2D drawings/photos into printable 3D files.

FISCAL IMPACT:

The total amount of gift funds received will be used to purchase the 3D Printer and benefit the Library Makerspace. Revenue will be increased in the amount of \$6,500 and expenditures appropriated in the same amount to the Library Gift Fund Account No. 5145000-450201.

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