



CITY COUNCIL STAFF REPORT

DATE: APRIL 15, 2015 CONSENT CALENDAR

SUBJECT: APPROVE THE COOPERATIVE PURCHASE OF AN ARCHIVAL SCANNER FOR THE LIBRARY'S ACCESSING THE PAST PROJECT

FROM: David H. Ready, City Manager

BY: LIBRARY

SUMMARY

This action will approve for the cooperative purchase of a high quality scanner that is necessary to scan historical documents into the Library's content management system for the Library's *Accessing the Past* project.

RECOMMENDATION:

1. Approve the purchase of an i2S CopiBook Cobalt HD book scanner for the Palm Springs Public Library from iimage Retrieval Inc. of Carrollton, Texas, under the State of Texas Department of Information Resources (DIR) Interlocal Cooperative Contract DIR-TSO-ICXXX in the amount of \$47,053.58.
2. Authorize the City Manager or his designee to execute all necessary documents, including the purchase order and the Interlocal DIR Agreement.

STAFF ANALYSIS:

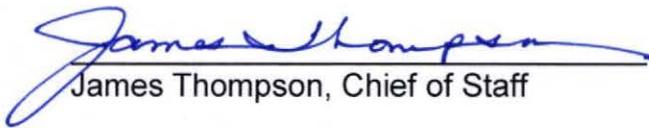
The Palm Springs Public Library has developed a project, *Accessing the Past*, to share the City of Palm Springs' historically significant archives with the world. Components of this project include creating a website, www.accessingthepast.org, scanning and digitizing the archive, and presenting the archive online in a keyword-searchable format. In conjunction with the content management system from Digital Library Consulting Ltd. that was approved by City Council on January 21, 2015, the i2S CopiBook Cobalt HD book scanner will scan delicate historical documents, books, magazines, and images quickly at an archival resolution, and will allow the scanned files to be stored within the content management system.

The Procurement & Contracting department worked with Library Staff to obtain a cooperative purchase agreement and quotation from iimage Retrieval for this high quality scanner through the State of Texas DIR Interlocal Cooperation Act. Pursuant to the provisions of Section 7.09.010 of the Municipal Code authorizing the use of

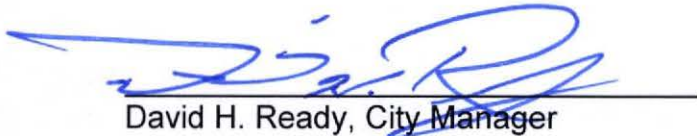
cooperative purchase agreements, staff is recommending award of this purchase to iimage Retrieval, Inc.

FISCAL IMPACT:

No fiscal impact to General Fund. At their November 20, 2014 meeting, Library Board of Trustees appropriated \$50,000 of Trust Funds for the purchase of a high-quality scanner for Accessing the Past project (4-0, Jandt absent.)


James Thompson, Chief of Staff


Jeannie Kays, Director of Library Services


David H. Ready, City Manager

Attachments:
Price Quotation from iimage Retrieval.
i2S CopiBook Cobalt HD book scanner brochure.

iimage retrieval

3620 N. Josey Lane Carrollton, TX 75007
972-492-0930

Price Quote

Date: March 25th, 2015

Presented by:

Andrew Jenkins
Regional Sales Manager
(972) 492-0930 x62
andrewj@iiri.com

Institution/To:

City of Palm Springs
3200 E. Tahquitz Canyon Way
Palm Springs, CA 92262
760-322-8374
leigh.qileno@palmspringsca.gov



System:  CopiBook COBALT HD Book Scanner

Product	MSRP	DIR DISC	Extended
i2S CopiBook COBALT HD Book Scanner: Designed to offer quality images, a fast scanning speed, and true optical 600 dpi resolution. Comes included with a 23" HD monitor for real time image quality management.	\$38,620	-\$6,758	\$31,862
Palm Springs, CA 9% Tax: CopiBook COBALT HD	--	--	\$2,867.58
IIRI Installation & Training (Recommended): An IIRI engineer will travel onsite for one day to assemble the unit & train up to 3 staff members. Includes expenses.	\$2,875	-\$417	\$2,458
IIRISA Software- Full feature production scanning application (PC not included)	\$3,190	-\$463	\$2,727
LIMB Desktop 50k: Single User Master License - 50k images per month (PC not included)	\$8,350	-\$1,211	\$7,139
Shipping, Warranty, and Discounts			
Shipping: Freight, Insurance, & Customs to your site (Continental US)	Included	Included	Included
Manufacturer's Warranty: 1 year depot parts & labor	Included	Included	Included
IImage Retrieval, Inc Service: Software/hardware diagnosis & phone support	Included	Included	Included
CopiBook COBALT HD Book Scanner with IIRISA and LIMB Desktop:			\$47,053.58

Pricing is based on current Euro/\$US exchange rate and guaranteed for 30 days from the date of this proposal.

Standard Terms & Conditions:

- Balance of purchase required Net 30 after receipt of scanner.
- All prices exclude any local, state or federal taxes.
- Prices are for purchase through the DIR Texas State Contract.

Delivery & Installation

- Scanner ships within two to eight weeks of receipt of PO.
- FOB Destination
- Delivery is schedule upon receipt of Purchase Order.

Please include the following information on Purchase Order

- DIR Contract Number- DIR-SDD-1663
- Purchase Order Number
- Scanner Model
- Quantity of items being purchased
- Place of Installation
- Billing address, contact name, e-mail, and phone number

3,4s
400 x 400 dpi
optical A2
color scan
time



COPIBOOK™ COBALT

**Digitization made
simple and productive**



COPIBOOK™ COBALT

COPIBOOK™ range offers the best A2 book scanners on the market, since 2005, for digitizing with superior image quality and high productivity up to A2 format documents.

To simplify the scanning process and improve the projects' profitability, this range becomes today COPIBOOK™ Cobalt. This new generation keeps its initial unique characteristics and is enriched with innovative usages and more ergonomics. So COPIBOOK™ Cobalt makes digitization more comfortable for operators and productive for customers.



COPIBOOK™ COBALT movie

Scan the QR Code with your
Smartphone for watching
the movie on Internet.

INNOVATIVE USAGES

Digitization made simpler by choosing the way to operate :

CopiTouch™ :

New i2s application for driving CopiBook scanner

- > Running on Android tablet
- > Dedicated to production project
- > Easy to use for more efficiency

Customizing your interface

- > Writing your own application
- > Using dedicated functionalities
- > Sharing applications with your community

CopiBook software updated with more ergonomics:

- > Full and free API
- > Based on an updated Linux OS
- > Made more user-friendly



UNIQUE FEATURES

- > Real time preview
- > Automatic region of interest
- > Automatic page cropping
- > Automatic calibration
- > Page turning detection
- > Embedded processing
- > Multilingual
- > Remote maintenance function
- > Able to digitize in ambient light
- > 5 cm depth of field at 400 dpi and 600 dpi
- > Stand-alone scanning station

ERGONOMICS

- > Multi-automatic and intuitive capture modes (glass, foot switch, flip page detection)
- > Book cradle with easy access from three sides
- > Sitting or standing operating modes
- > Non aggressive lighting (LED)
- > A 16:9 23" HD screen for a real time optimized image quality control

ANDROID TABLET

- > Samsung Galaxy Tab 2
- > 7" LCD screen
- > CopiTouch™ application embedded
- > Open for other applications



NEW LIGHTING

- > LED lighting bar
- > No UV, no IR
- > Long life lighting
- > No shadow or reflection on the document
- > Controlled by CopiBook software

LIGHTING AND NO LIGHTING

i2s thirty years of experience in capture and image processing allow i2s Digibook to offer the only high-quality scanner able to digitize in ambient light. This exclusive capacity on the market has a direct impact on projects' ROI. However, if your scanning conditions require additional light, the professional LED lighting can be turned on.



FAST
3,4 s in color
and 1,4 s in grayscale
(400 x 400 dpi optical A2).



VERSATILITY
CopiTouch application;
Sharing applications
with the community



IMAGE QUALITY
 $\Delta E < 5$
5 cm depth of field at 400 & 600 dpi!



ERGONOMICS
Fully optimized user's
operations and manipulation



DESIGN
Enter a new uncluttered
and sleek design



EASY
Fully automatic calibration and
intuitive interface

BOOK CRADLE



- > The book cradle covers document formats up to 420 x 640 mm (16.5 x 25.2").
- > The maximum thickness is 10 cm for a maximum of 10 kg (3.9" / 22 lbs).
- > Motorized up and down motion.
- > Self-opening embedded glass with very safe pressure adjustment.
- > Automatic capture when pulling down the glass.
- > 90° glass parking position when scanning without glass.

CAMERA



- > CCD camera with matrix sensor
- > From 200 to 600 dpi on A2 format:
- COPIBOOK™ Cobalt model:**
 - Optical resolution: 400x400 dpi
 - Scan time for A2 format at 400 dpi:
 - 3,4 sec in color • 1,4 sec in greyscale
- COPIBOOK™ Cobalt HD model:**
 - Optical resolution: 600x600 dpi
 - Scan time for A2 format at 600 dpi:
 - 7,7 sec in color • 5,5 sec in greyscale
- > No mechanical shutter: long life cycle camera
- > No bayer filter: full sensor resolution for R, G & B channels
- > Real-time preview
- > Fully automatic focus, black and white balance, calibration, auto-exposure
- > Same speed whatever the document format
- > Document format automatic detection

COPIBOOK™ ASSISTANT

- CopiBook™ Assistant is a software extension that comes with CopiBook™ scanner and should be installed on a third computer. CopiBook™ Assistant is an administration software offering locally or remotely three major functions:
- > Control and manage the configurations of one or more CopiBook™ scanners,
 - > Update the firmware, the software or the language catalogue,
 - Control the CopiBook™ scanners for diagnosis and assistance when troubleshooting.

SCREEN

- Screen 16:9 Full HD**
Flat screen 23"
1920x1080 resolution, Full HD



COPIBOOK™ REFERENCES

Since 2005, more than **1.300 COPIBOOK™** have been sold worldwide to about **850 customers**. These customers are libraries, archives, universities, academies, town halls and governmental organizations as well as services providers or other private structures.

"The library of Senate of Brazil started a project in May 2011 to digitize its rare books collection gathering approximately 8 000 unique books about history of Brazil. This project aims at widely diffusing the information about Brazil history through the Senate Library internet portal. The Brazilian senators are young, technology addicted and willing to get access on their iPhones or iPads to historical information about Brazil in no time, wherever they stay. Two units of i2S CopiBook™ RGB scanners have been bought to achieve this project. So far about 20 000 new pages are digitized every month enriching the Senate digital library."

Simone BASTOS VIEIRA
director of the Library of Senate, Brasil

"We took delivery of the very first CopiBook™ in the US with the new 600 x 600 dpi scanhead. It's a multi-purpose workhorse and can handle anything both flat and bound. In the last two weeks alone, it's scanned newspapers, mass market paperback romance novels for ebook conversion, a small historical conversion project of rare books and an oversized scrapbook of letters. I will say that these machines are the next step up from the rest of the market offer. We looked at everything out there, and in terms of pure technical image quality and feature set, the CopiBook™ HD came out on top."

Jim STUDNICKI
president of Creekside Digital, service provider, Maryland, USA

-  National Library of France
-  LDS Church
-  Ministry of Algerian Defense
-  University of Florida
-  Instituto de Estudos Brazilieros de São Paulo
-  National Library of Spain
-  Botanical Garden University of Catania
-  TIB-Technical Information Library of Hanover
-  National Archives of Dominican Republic
-  National Library of Norway
-  Bucharest Metropolitan Library
-  Pushkin Museum of Fine Arts

-  Lausanne University
-  Royal Malaysian Police
-  National Library of China
-  Comune di Roma
-  National Library of Bulgaria
-  Landesbibliothek Linz
-  Université Catholique de Louvain
-  Sofia University St. Kliment Ohridski
-  National Library of Technology
-  Muenster Archives
-  University of California, Los Angeles
-  National Library of Slovakia



COPIBOOK™ COBALT RANGE

The new COPIBOOK™ Cobalt range comes with two models :
> COPIBOOK™ Cobalt (up to 400 dpi optical)
> COPIBOOK™ Cobalt HD (up to 600 dpi optical).

i2S DIGIBOOK

Since 2000, i2S DigiBook has been designing, manufacturing and marketing scanners for books, maps and any type of bound documents up to 2xA0 format, as well as dedicated image-processing software suites. In 2011, i2S group has acquired Kirtas Technologies becoming the largest group in the world for Cultural and Administrative Heritage digitization and web-promotion solutions.

By being present in 80 countries, involved in research and development programs (Polinum), partner in national digitization programs and with hundreds of thousands documents housed and printable on demand, i2S

DigiBook has started to build the most complete offer to help all public or private heritage organizations to manage with success their digitization, enrichment, long term storage, dissemination and return on investments objectives.

IMAGE QUALITY: 30 YEARS OF KNOWLEDGE

i2S DigiBook is part of the i2S Group internationally well-known in industrial vision. i2S Group's high level of knowledge in image technologies (sensors, optics, electronics, lighting, image processing) allows i2S DigiBook to offer you the best components to design its premium cameras.

TECHNICAL SPECIFICATIONS

DIGITIZATION

TYPE	Planetary scanner
MODELS	COPIBOOK™ COBALT COPIBOOK™ COBALT HD
CAMERA	CCD area sensor COPIBOOK™ COBALT 3 x 63 Mpixels (R, G, B) COPIBOOK™ COBALT HD 3 x 140 Mpixels (R, G, B)
OPTICAL RESOLUTIONS	COPIBOOK™ COBALT 400 x 400 dpi optical on A2 format COPIBOOK™ COBALT HD 600 x 600 dpi optical on A2 format All formats 200 x 200 dpi to 600 x 600 dpi
OUTPUT: 2 modes	> 24 bits for color, 8 bits in grayscale, 1 bit in binary > 36 bits for color, 12 bits in grayscale, 1 bit in binary
SETTINGS	Fully automatic settings: focus, exposure time, white balance, format detection
LIGHTING CORRECTION	Embedded and in real time
DRIVERS	TWAIN - API

SIZES HANDLED

FORMATS	DIN A2 / D (2 x A3)
MAXIMUM DIMENSIONS	420 mm (16.5") (h) x 640 mm (25.2") (w)
MAXIMUM THICKNESS	10 cm (3.9")
MAXIMUM WEIGHT	10 kg (22 lbs)

IMAGES

MIN. SCREEN RESOLUTION	1920 (w) x 1080 (h) pixels
ENHANCEMENTS	Deskew, thresholding, finger masking, curvature correction
STORAGE	High speed image transfer via Giga-Ethernet output
FILE FORMATS	TIFF, TIFF G4, Multipage TIFF, TIFF 12 Bits, JPEG, BMP, JPEG 2000, PDF, Multipage PDF
SAVING	Images saved during scanning process 1 Terabyte Hard Disk buffer



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SCAN TIME

	COBALT		COBALT HD	
	BW	RGB	BW	RGB
at 400 x 400 dpi optical on A2 format	1,4s	3,4s	2,7s	4,6s
at 600 x 600 dpi optical on A2 format	NA	NA	5,5s	7,7s

SOFTWARE

LANGUAGES	Multilingual operator interface
SAVING	Images saved during scanning process
SCAN SEQUENCES	Next scan launches immediately after the previous scan is done
IMAGE CONTROL	Image displays during scanning
COLOR PROFILE	ICC profile management
IMAGE PROCESSING	Processing and compression during scanning
OPTIONAL PROCESSING	LIMB : content conversion software to process, enrich and convert collections into digital assets. Including image processing for common tasks but also unique image processing (like background removal, page curvature correction, lighting correction, text centering, detection of illustrations ...)

OTHERS

ACCESSORIES INCLUDED	Android tablet (Samsung Galaxy Tab2, 7" LCD screen) 16:9 screen 23" (Vesa 100) Footswitch, mouse
OUTPUTS	6 x USB 2.0; 1 x Gigabit Ethernet
WARRANTY	12 months hardware and software warranty included Warranty extensions available up to 5 years

PHYSICAL CHARACTERISTICS

DIMENSION	L 782 mm (30.7") x l 961 mm (37.8") x h 1121 mm (44.1")
TOTAL WEIGHT	74 kg (163 lbs)
ELECTRICAL POWER	220 V - 50 Hz, 110 V - 60 Hz 300 VA max
OPERATING TEMPERATURE	Between 10°C / 50°F and 30° / 86°F
CERTIFICATIONS	CE / FCC part 15 conformity Low voltage electrical safety EN60950 radioelectrical disturbances EN55022, EN61000-3-2, EN61000-3-3 electromagnetic immunity EN55024



The information on this brochure is subject to change without notice. v1.4 November 2013