

ENCLOSURE 2

HISTORICAL DATA

**INFORMATION SCIENCE AND
LIBRARY SERVICES**

RFP NNG12381152R

AUGUST 2012

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The following statistics present the best estimate of the contract mission products and services for both Greenbelt and Wallops:

- size of the current Electronic collections
- magnitude of the contractor effort in each functional area.

REFERENCE TABLE I: Average Electronic Library Statistics – (January – December 2011)

Collection Inventory	Number of Items
eBooks	76,045
eJournals	13,938
Databases	62
ILL Transactions	Number of Transactions
Total # ILL Transactions	2,614
Average # ILL Transactions (NASA Libraries)	12/month
Average # Total ILL Transactions (other Libraries)	205.8/month
Average # ILL Borrow Transactions (all libraries)	57.6/month
eBook Usage	Number of Uses
Average # Browsers	25,727.2/month
Total # Browsers (All sources):	308,727
Total eBook Requests	156,279 requests
Library Traffic	
Total Web Visits	194,081 (unadjusted for staff)
Average # Web Site Visits	16,173.4/month
Total Unique Visitors	51,009 (unadjusted for staff)
Average # of unique Web visitors	4,250.7/month
Total Web Hits	2,876,848 (unadjusted for staff)
Average # of Web hits	239,737.3
Searches	
Total # Library Catalog (Sirsi) Searches:	19,025
Total # eResources Searches	42,261
Information Services	
Total Information Requests (Greenbelt):	2,644
Total Information Requests (Wallops):	330
Average # info requests	247.8/month

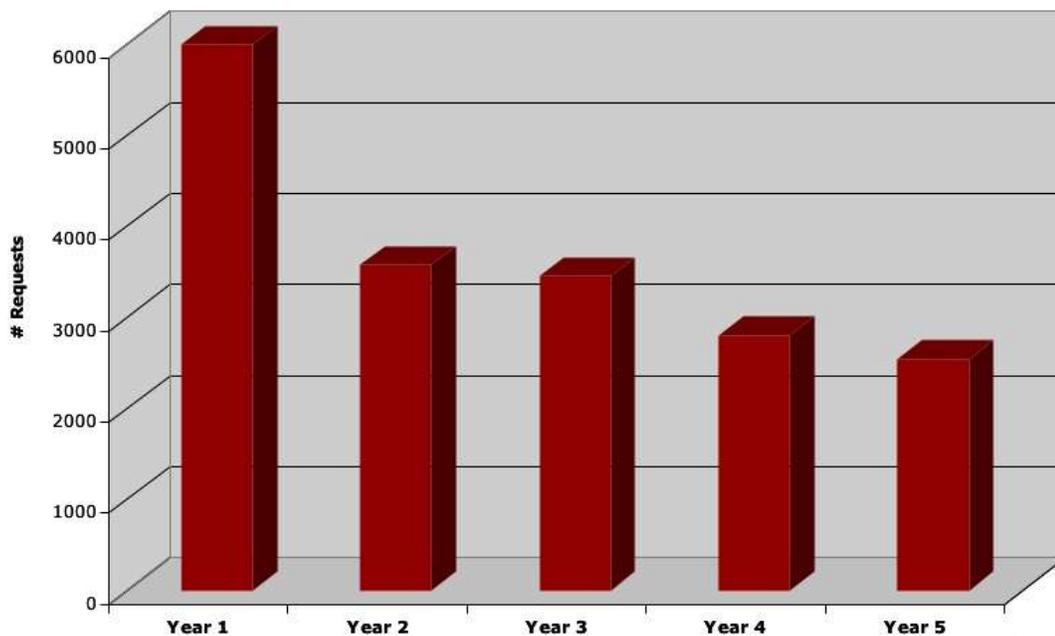
REFERENCE TABLE: II MAGNITUDE OF THE ELECTRONIC LIBRARY

ELECTRONIC HOLDINGS

E-JOURNALS	13,919
E-BOOKS	99896
DATABASES	69

INFORMATION REQUESTS

Total Information Requests 2007-2011



REFERENCE TABLE III-A MAGNITUDE OF ACCESS SERVICES: ACQUISITIONS

INTERLIBRARY LOANS (ILL)

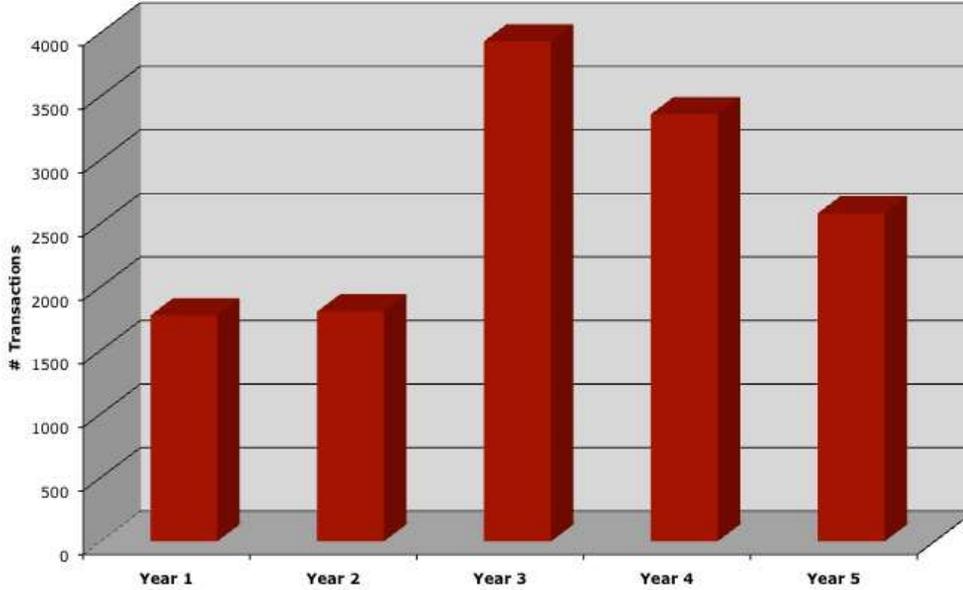
Total ILL Transactions (2007-2011): 13,498

ILL Annual Transactions

FOR INFORMATION PURPOSES ONLY

Average annual ILL book borrow transaction (2007-2010): 190.0
 Average annual ILL article borrow transaction (2007-2010): 396.4
 Average annual ILL book lending transactions (2007-2010): 576.0
 Average annual ILL article lending transactions (2007-2010): 1534.6
 Total average annual ILL transactions (2007-2010): 1124.8

Total ILL Transactions 2007-2011



REFERENCE TABLE III-B

ACQUISITION CHARACTERISTICS

AREA

NATURE

E-BOOKS

95% Scientific and Technical

E-JOURNALS

95% Scientific and Technical (60% Publishers, 30% Societies, 10% Government &

Miscellaneous)

Technical Subscription Purchases (Total \$ Amount)

Year	Total Subscription Purchase Cost	IEEE (Government Purchase)
2011	\$1090K	\$133K
2012	\$1180K	\$142K

Sample Listing of Journal Titles by Publisher

ENGINEERING SUBSCRIPTIONS
ASSOCIATION FOR COMPUTING MACHINERY
AMERICAN INSTITTUE FOR AERONAUTICS AND ASTRONATUICS
AMERICAN SOCIETY FOR LIMNOLOGY & OCEANOGRAPHY
AMERICAN STATISTICAL ASSN
AMERICAN SOCIETY OF MECHANICAL ENGINEERS
CANAD AERONAUTICS & SPACE INST
EMERALD
IMAGENOVA
OPTICAL SOCIETY OF AMERICA
RFID
SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS
SPIE
WORLD SCIENTIFIC

SCIENCE SUBSCRIPTIONS
AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE
AMERICAN INSTITUTE OF PHYSICS TEACHERS
AMERICAL CHEMICAL SOCIETY
AMERICAN GEOPHYSICAL UNION
AMERICAN INSTITUTE OF PHYSICS
AMERICAN SCIENTIST
AMERICAN METEOROLOGICAL SOCIETY
ANNUAL REVIEWS
AMERICAN PHYSICAL SOCIETY
AMERICAN SOCIETY FOR PHOTOGRAMMETRY AND REMOTE SENSING
ASTRONOMICAL SOCIETY OF THE PACIFIC
CAMBRIDGE UNIVERSITY PRESS
CANADIAN METEOROLOGICAL AND OCEAN
EDP SCIENCES
ECOLOGICAL SOCIETY OF AMERICA
GEOLOGICAL SOCIETY OF AMERICA
HARVARD SMITHSONIAN CENTER FOR ASTROPHYSICS
HAWORTH PRESS
HIGHWIRE PRESS
INTL GLACIOLOGICAL SOCIETY
INSTITUTE OF PHYSICS
JSTOR
KALMBACH
KLINE GEOLOGY LABORATORY
MARUZEN CO LTD
MARY ANN LIEBERT INC

MINERALOGICAL SOCIETY OF AMERICA
NATIONAL ACADEMY OF SCIENCES
NATIONAL RESEARCH COUNCIL (CANADA)
NATURE AMERICA INC
REVIEWS.COM
ROYAL SOCIETY OF CHEMISTRY
ROYAL SOCIETY OF LONDON
SAGE
SCIENTIFIC AMERICAN
SEISMOLOGICAL SOC OF AMERICA
SKY PUBLISHING
SMITHSONIAN
TAYLOR & FRANCIS INFORMA UK LIMITED
UNIVERSITY OF CALIFORNIA PRESS
UNIVERSITY OF CHICAGO PRESS
WASHINGTON REMOTE SENSING LTR
SUBSCRIPTIONS THAT ARE INTERDISCIPLINARY
ENGINEERING 25%, SCIENCE (75%),
AMERICAN MATHEMATICAL SOCIETY
ELSEVIER
KNOVEL
SPRINGER
WILEY/BLACKWELL

**REFERENCE TABLE : III –C
USAGE**

ANNUAL MAGNITUDE OF ACCESS SERVICES: EBOOKS

2011 E-Book Use Statistics

Vendor	2011 Requests (YTD)
CRC Press (Sections Viewed)	3315
Knovel (Titles Viewed)	13590
MyiLibrary (Sections Viewed)	5977
Safari (Sections Viewed)	88882
Science Direct (Chapters Viewed)	2262
SPIE (Sections Viewed)	738
Springer (Titles Viewed)	40226
Wiley (Book Chapter Viewed)	1289

REFERENCE TABLE: III -D ANNUAL MAGNITUDE OF ACCESS SERVICES :E-RESOURCE USAGE

TOP 25 E-RESOURCES BY ACCESS

Resource	Accesses
Web of Science (database)	63,586
Astrophysical Journal	30,757
J. Geophysical Research	24,103
IEEE Xplore (incl. journals and conferences)	18,525
Nature Online	15,373
Science Online	13,366
Knovel Books (ebooks)	11,282
Geophysical Research Letters	9,032
Monthly Notices Royal Astronomical Society	6,003
ProQuest Technology Coll. (database)	5,481
Icarus	4,586
SPIE Digital Library	4,430
Solar Physics	3,616
Remote Sensing of Environment	3,348
Wiley Tokens (ebooks/ejournals)	3,300
Journal of Climate	3,286
Advances in Space Research	3,230
Applied Optics	2,677
Planetary and Space Science	2,630
J. of the Atmospheric Sciences	2,599
Physics Today	2,240
Atmospheric Env.	2,124
ProQuest Earth Science Coll. (database)	2,055
Nature Geoscience	2,051
Monthly Weather Reviews.	1,908

REFERENCE TABLE: IV**MAGNITUDE OF REPORTS**

	COLLECTION/ SERVICE	FREQ/ COMMENT	
<u>PROCESSING INFORMATION LISTS</u>			
TITLES TO BE ORDERED	B,J	AR	
ACQUISITION PROCESSING INFORMATION LIST	B,J	M	
<u>BILLING LIST</u>	B,J	M	
<u>MANAGEMENT INFORMATION</u>			
TURN-AROUND TIMES	B,D,ILL	M	
EJOURNAL PRICING LIST	B, J	SA	
USE/USER ANALYSES	B,J	A	
<u>REPORTS</u>			
ADMINISTRATIVE		S	
TECHNICAL		M	Covers all collections and activities
STATISTICAL		M	Covers all collections and activities
SYSTEM DOCUMENTATION			Annual update; final requires draft
NETWORK REPORTS			
STARTUP			One time per module per transition
TRANSITION			One time per module per transition
ENTRANCE TASKS			One time per module per transition
OPERATIONAL			One time per module per transition
SPECIAL			Up to 10 per year
<u>CONTRACT EXPIRATION</u>			One time report upon contract expiration; requires draft

KEY

B = E-BOOKS
 J = E-JOURNALS
 D = DOCUMENTS
 ILL = INTERLIBRARY
 LOAN

 W = WEEKLY
 BW = BIWEEKLY
 M = MONTHLY
 Q = QUARTERLY
 S = SEMESTER
 SA = SEMI-ANNUALLY
 A = ANNUALLY
 SM = SEMI-MONTHLY
 AR = AS REQUIRED

REFERENCE TABLE: V**UNBURDENED HOURLY RATES BY LABOR CATEGORY for 2011
(Service Contract Exemption Status)**

Labor Category	Hourly Rate	Service Contract Act Exemption
Program Manager	\$ 54.46	Exempt
Program Manager, Knowledge Management	\$ 57.78	Exempt
Acquisitions Librarian	\$ 36.57	Exempt
Reference Librarian	\$28.13	Exempt
Information Services Librarian	\$ 28.36	Exempt
Digital Collections/Metadata Librarian	\$27.16	Exempt
Programmer	\$29.77	Exempt
Project Control Specialist	\$20.21	Exempt
Principal Consultant	\$137.00	Exempt
Deputy Program Manager	\$48.44	Exempt
Sr. Information Engineer/Architect	\$41.63	Exempt
Computer Security Systems Manager	\$37.43	Exempt
Web Developer	\$28.90	Exempt
Access Team Lead	\$31.46	Exempt
Site Manager	\$20.97	Exempt
Library Technician	\$11.13	Non-Exempt

Notes:

1. Project Control Specialist hourly rate is a weighted average rate.
2. Labor categories are those at time of award of current contract.

**REFERENCE TABLE: VI
POSITION DESCRIPTIONS WITH MINIMUM
REQUIREMENTS**

Position Title	Minimum Education & Licensing	Position Description
Program Manager	MLS w/15 years	This Program Manager position with overall management responsibilities for Goddard Library functions and technical requirements under the contract to Library Associates President. The Program Manager is also responsible for fulfilling the Metrics and Reporting requirements to include coordinating the metrics, statistics, and reports, and overseeing the development of Standard Operating Procedures for all Teams. The Program Manager serves as the on-site point of contact responsible and accountable for contractor performance. The Program Manager is the focal point for ensuring that all deliverables exceed expectations and are submitted in a timely manner. The Program Manager will maintain close coordination with the COTR in order to ensure that all performance requirements are met and that the Goddard virtual library vision is fulfilled.
Program Manager/Knowledge Management	MS w/5 years	This is a knowledge management professional position with responsibility for identifying and communicating these principles to the library team at large, while implementing and sustaining knowledge management activities in support of the Chief Knowledge Management Officer.
Acquisitions Librarian	MLS w/3 years	The Acquisitions Librarian has responsibility for reviewing and evaluating resources for library acquisitions or access in all forms and will be involved in renewing licenses and developing best practices for consortia acquisition purchases.
Reference Librarian	MLS w/3 years	The Reference Librarian has responsibility for providing reference assistance, library instruction for print and electronic resources, collection development and the creation of bibliographies.

Information Services Librarian	MLS or Educ & Exp Equivalent	The Information Services Librarian will manage a task area within the library. The Information Services Librarian will be responsible for supervision of staff, acquisition, cataloging of library materials including print, non-print, and electronic media, and providing reference services. May provide bibliographic verification of requests and conduct literature and electronic searches on technical subjects
Digital Collection/Metadata Librarian	MLS w/10 years	The Digital Collections /Metadata Librarian position will have overall responsibility for the technology and systems used in support of the Goddard Library
Programmer	BS or 5/ yrs. Exp Equivalent	This is a computer systems professional position with technical responsibility for application development, operation, maintenance and support, and for extensions of the customized and off-the-shelf application programs used by the Goddard Library
Project Control Specialist	BS or Educ & Exp Equivalent	The Project Control Specialist will track and manage all aspects of a project's cost and schedule control activities. The Project Control Specialist will perform analyses and prepare relevant reports in order to ensure that activities are performed within negotiated parameters and government cost-control guidelines. This specialist will keep detailed records of program expenditures and track any resulting variances. Contractual changes are incorporated into control systems to ensure data integrity and accuracy. The specialist will also prepare project reports upon request.
Principal Consultant	MS w/5 years	The Principal Consultant will assist with the direction and oversight of the marketing and promotion of the library products and services. The Principal Consultant will direct the efforts of marketing and will work with the Program Manager and COTR to develop strategies to attain the library's objectives
Deputy Program Manager	MLS w/15 years	The Deputy Manager will have responsibility for operating and enhancing digital library services. Due to the importance and growing need for electronic support, the Deputy Manager will have oversight of the website with all resources and services associated with the Goddard Library websites, both Intranet and Internet. Responsibilities include coordination with team leaders and other library staff. The Deputy Manager will also work with the Program Manager in the development of special tasks and project assignments. As part of the integrated LA Team, the Deputy Manager will interact with the Program Manager, all team leaders, and will be an integral part of the overall management organization.
Senior Information Engineer/Architect	MLS w/15 years	The Senior Information Engineer/Architect will manage the research, design, and development of technical products and services to support the contract. This position requires a high degree of creativity, and engineering and programming skills. The Senior Information Engineer/Architect will develop and maintain the high-level design plan for the overall logical and technical IT architecture. This individual will provide technical leadership and consulting across the organization, from strategic decision making down to the project planning level. Position may supervise more junior technical staff on the project.
		The Computer Security Systems Manager will oversee the

<p>Computer Security Systems Manager</p>	<p>BS w/10 years or Exp Equivalent</p>	<p>security of the computer systems and networks. This includes checking server and firewall logs, scrutinizing network traffic, establishing and updating virus scans, and troubleshooting. They will manage and participate in overall security design. The Systems Manager will select, implement, and maintain firewalls and security patches, and will review and oversee the activities related to security alerts, bulletins and other security-related notifications. Direct experience with network and host-based firewalls, intrusion detection technologies and secure virtual private network solutions is required. This position will also analyze and resolve security breaches and vulnerability issues in a timely and accurate fashion, and conduct user activity audits where required.</p>
<p>Web Developer</p>	<p>MLS w/10 years</p>	<p>The Website Developer will build the operations end of the project's Websites and keep them running smoothly. This includes designing, building, and implementing new Web pages and sites; integrating sites with back end applications; migrating legacy applications to the Web; and performing day-to-day administration of the project's Web portfolio.</p>
<p>Project Control Specialist</p>	<p>BS or Educ & Exp Equivalent</p>	<p>The Project Control Specialist will track and manage all aspects of a project's cost and schedule control activities. The Project Control Specialist will perform analyses and prepare relevant reports in order to ensure that activities are performed within negotiated parameters and government cost-control guidelines. This specialist will keep detailed records of program expenditures and track any resulting variances. Contractual changes are incorporated into control systems to ensure data integrity and accuracy. The specialist will also prepare project reports upon request.</p>
<p>Access Services/Information Navigation Team Leader</p>	<p>MLS w/10 years</p>	<p>This team leader will oversee operations of both Access Services and Information Navigation Services, both integral parts of user services at the Goddard Space Flight Center. The Access Services/Information Navigation Team Leader will also act as an immediate technical resource for the Wallops Library. This position provides day-to-day supervision of the GSFC circulation, access services, and the reference desk, outreach, current awareness, and educational aspects of the library. The Access Services/Information Navigation Team Leader provides an interface with customers in navigating the world of information available to them through the GSFC resources. In addition, the Access Services/Information Navigation Team Leader assures that the library physical environment is well organized, functional, attractive, and responsive to user requests and needs. As part of the integrated LA Team, the Access Services/Information Navigation Team Leader will interact with the Program Manager, all team leads, and will be an integral part of the overall management organization.</p>
<p>Site Manager</p>	<p>MLS or BS w/10 years</p>	<p>This professional library position manages day-to-day supervisory and technical responsibilities for the Wallops Flight Center Library ensuring appropriate library services are available for customers. The Wallops Site Manager position is required to ensure that regular library hours are maintained, shelf maintenance is performed and circulation services are provided. In addition, the Site Manager acts as a reference librarian providing reference services in the engineering, scientific and earth sciences</p>

		disciplines. The Site Manager will perform metrics and reporting functions and ensure coordination and timeliness in delivering reports and provide expertise for special tasking.
Library Technician	BS or 5/ yrs. Exp Equivalent	This Library Technician position will be necessary to assist with staffing, coverage of opening hours, and performance of a wide variety of library responsibilities.