GENERAL SERVICES ADMINISTRATION
FEDERAL SUPPLY SERVICE
AUTHORIZED FEDERAL SUPPLY SCHEDULE PRICE LIST

On line access to contract ordering information, terms and conditions, up to date pricing, and the option to create an electronic delivery order are available through GSA Advantage!®, a menu driven database system. The INTERNET address GSA Advantage!® is: GSAAdvantage.gov.

MULTIPLE AWARD SCHEDULE
LARGE CATEGORY F: INFORMATION TECHNOLOGY
CONTRACT NUMBER: 47QTCA21D00FJ
CONTRACT PERIOD: October 1, 2021 through September 30, 2026

For more information on ordering from Federal Supply Schedules go to the GSA Schedules page at GSA.gov.

The Building Industry Consulting Service International, Incorporated (BICSI)

8610 Hidden River Pkwy Ofc
Tampa, FL 33637-1114

(P) (800) 242-7405
Toll free voice within the USA and Canada
(F) (813) 971-4311

www.bicsi.org

CONTRACT ADMINISTRATIVE SOURCE :

Joe Sullivan
(P) (813) 979-1991
jsullivan@bicsi.org

BUSINESS SIZE: Other than Small

Pricelist current through Modification #_____Effective: _____

BICSI
CUSTOMER INFORMATION

1a. **TABLE OF AWARDED SPECIAL ITEM NUMBERS (SINs)**

SIN 611420 Information Technology Training

SIN OLM Order-Level Materials

All SINs are subject to Cooperative Purchasing

1b. **LOWEST PRICED MODEL NUMBER AND PRICE FOR EACH SIN:** See Attached Pricelist.

1c. **HOURLY RATES (Services Only):** Not Applicable

2. **MAXIMUM ORDER*:**

SIN 611420: $250,000

SIN OLM: $250,000

*If the "best value" selection places your order over this Maximum Order identified in this catalog/pricelist, you have an opportunity to obtain a better schedule contract price. Before placing your order, contact the aforementioned contractor for a better price. The contractor may (1) offer a new price for this requirement; (2) offer the lowest price available under this contract; or (3) decline the order. A delivery order that exceeds the maximum order may be placed under the Schedule contract in accordance with FAR 8.404

3. **MIMINUM ORDER:** $100

4. **GEOGRAPHIC COVERAGE:** Domestic (48 contiguous states and Washington, D.C.)

5. **POINT OF PRODUCTION:** 8610 Hidden River Pkwy Ofc Tampa, FL 33637-1114

6. **DISCOUNT FROM LIST PRICES:** Net GSA Pricing Listed in Attached Pricing Table.

7. **QUANTITY DISCOUNTS:** None

8. **PROMPT PAYMENT TERMS:** None

Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions.

9. **FOREIGN ITEMS:** None

10a. **TIME OF DELIVERY:** To be Negotiated at the Task Order Level.

10b. **EXPEDITED DELIVERY:** To be Negotiated at the Task Order Level.

10c. **OVERNIGHT AND 2-DAY DELIVERY:** To be Negotiated at the Task Order Level.

10d. **URGENT REQUIREMENTS**: Customers are encouraged to contact the contractor for the purpose of requesting accelerated delivery.

11. **FOB POINT:** Destination

12a. **ORDERING ADDRESS:**
The Building Industry Consulting Service International, Incorporated (BICSI)
8610 Hidden River Pkwy Ofc
Tampa, FL 33637-1114
(P) (813) 979-1991
(F) (813) 971-4311

12b. **ORDERING PROCEDURES:** For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's) are found in FAR 8.405-3

13. **PAYMENT ADDRESS:**
The Building Industry Consulting Service International, Incorporated (BICSI)
8610 Hidden River Pkwy Ofc
Tampa, FL 33637-1114
(P) (813) 979-1991
(F) (813) 971-4311

14. **WARRANTY PROVISION:** N/A

15. **EXPORT PACKING CHARGES:** N/A

16. **TERMS AND CONDITIONS OF RENTAL, MAINTENANCE, AND REPAIR (if applicable).** N/A

17. **TERMS AND CONDITIONS OF INSTALLATION (IF APPLICABLE):** N/A

18a. **TERMS AND CONDITIONS OF REPAIR PARTS INDICATING DATE OF PARTS PRICE LISTS AND ANY DISCOUNTS FROM LIST PRICES (IF AVAILABLE):** N/A

18b. **TERMS AND CONDITIONS FOR ANY OTHER SERVICES (IF APPLICABLE):** N/A

19. **LIST OF SERVICE AND DISTRIBUTION POINTS (IF APPLICABLE):** N/A

20. **LIST OF PARTICIPATING DEALERS (IF APPLICABLE):** N/A

21. **PREVENTIVE MAINTENANCE (IF APPLICABLE):** N/A

22a. **SPECIAL ATTRIBUITES SUCH AS ENVIRONMENTAL ATTRIBUTES (e.g. recycled content, energy efficiency, and/or reduced pollutants):** N/A

22b. **SECTION 508 COMPLIANCE FOR EIT:** As applicable.

23. **UNIQUE ENTITY IDENTIFIER (UEI):** 044256352

24. **NOTIFICATION REGARDING REGISTRATION IN SYSTEM FOR AWARD MANAGEMENT (SAM) DATABASE:** Active

Authorized GSA Pricelist

SIN	Course No.	Course Title	Course Length	Minimum Participants	Maximum Participants	Contractor or Customer Facility or Both	Unit of Order	GSA Price w/ IFF
611420	BG102	Best Practices for Telecommunications Bonding and Grounding	3 Days	1	1	Both	Per Course	$1,390.18
611420	DC102	Applied Data Center Design and Best Practices	5 Days	1	1	Both	Per Course	$2,682.98
611420	DD102	Applied Best Practices for Designing Telecommunications Distribution Systems	5 Days	1	1	Both	Per Course	$2,645.39
611420	IN101	BICSI Installer 1 Training	5 Days	1	1	Both	Per Course	$1,623.84
611420	IN225	BICSI Installer 2, Copper Training	5 Days	1	1	Both	Per Course	$2,167.32
611420	IN250	BICSI Installer 2, Optical Fiber Training	5 Days	1	1	Both	Per Course	$2,374.48
611420	OSP102	Applied Outside Plant Design	5 Days	1	1	Both	Per Course	$2,138.09
611420	PM102	Applied Telecommunications Project Management	5 Days	1	1	Both	Per Course	$2,187.96
611420	TE350	BICSI Technician Training	5 Days	1	1	Both	Per Course	$2,474.97

GSA COURSE DESCRIPTIONS

BG102: Best Practices for Telecommunications Bonding and Grounding

ABOUT THIS COURSE

- GSA Price $1,390.18
- 3-day course
- 21 CECs

COURSE OVERVIEW

BG102 is an intensive three-day course that provides learners with hands-on best practices for bonding and grounding commercial buildings and campuses as outlined in BICSI publications (TDMM, OSPDRM, ITSIMM) and TIA-607-C. This course is one component of BICSI's telecommunications bonding and grounding curriculum, which is designed as part of an overall career.

COURSE HIGHLIGHTS

The main objective of the course is to design bonding and grounding solutions for a given facility based on industry best practices. After completing this course, you should be able to:

- □ Determine the types of bonding and grounding systems required for a campus
- □ Design the bonding and grounding components for the facility (building/campus), given an infrastructure type
- □ Design the bonding and grounding for the telecommunications structure in a building or facility
- □ Design the bonding infrastructure for a data center in a building or facility
- □ Design the bonding infrastructure for the DAS in a building or facility
- □ Identify the steps for testing the bonding and grounding connections

COURSE MATERIALS

- □ It is strongly suggested that students have access to the ANSI/TIA-607-C, Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises standard to refer to during the course. The standard (not included in the course fee) can be purchased here from IHS.
- □ Laptop or mobile device

PREPARATION

It is recommended that students take the BG101: Foundations of Telecommunications Bonding and Grounding course before taking the BG102: Best Practices for Telecommunications Bonding and Grounding. Otherwise, they should have equivalent knowledge.

Students will be able to evaluate their skills before they sign up for the BG102 class by taking a free placement test from the BICSI website.

DC102: Applied Data Center Design and Best Practices

ABOUT THIS COURSE

- GSA Price $2,682.98
- 5-day course
- 33 CECs

COURSE OVERVIEW

BICSI's DC102: Applied Data Center Design and Best Practices course is a five-day course that provides an in-depth review of best practices for designing data centers. In this course you will be introduced to various data center infrastructure systems. In addition, you will have an opportunity to apply what you have learned by engaging in case studies, discussions, and real-world scenarios, as well as gain practical application in ICT data center design best practices. After completing this course, you should be able to design a data center based on a set of given requirements; this will include both new and retrofit designs. In addition to data center design, the course will also include life safety practices such as grounding and bonding to ensure that you can account for these issues when designing a data center. On the last day of the course, you will be able to evaluate your learning through a final project and a comprehensive course assessment.

COURSE HIGHLIGHTS

- Data center design process
- Site location
- Building and support spaces
- Computer room layout
- Electrical systems
- Bonding and grounding (earthing)
- Mechanical systems
- Telecommunications and IT
- Ancillary systems
    - Security systems
    - Fire protection systems
    - Building automation systems (BAS)
    - Lighting
- Security plan
- Commissioning

COURSEMATERIALS

All students must purchase the ANSI/BICSI 002-2014 standard prior to attending class and bring it with them each day of the class. The standard (not included in the course fee) can be ordered by clicking here. Students must also bring a laptop or tablet to class each day.

PREPARATION

DC102 is designed for those who have a minimum of two years of experience in data center design and/or construction. If you do not meet the experience requirements, BICSI strongly recommends that you complete the Introduction to Data Center Design online course prior to enrolling in DC102.

WHO WILL BENEFIT?

- Anyone involved in planning, implementing, operating, and making critical data center decisions
- Architects
- Data center professionals
- Designers
- Engineers
- Facility managers
- IT professionals
- Project managers
- Telecommunications professionals

DD102: Applied Best Practices for Designing Telecommunications Distribution Systems

ABOUT THIS COURSE

- GSA Price $2,645.39
- 5-day course
- 37 CECs

COURSE OVERVIEW

DD102 is an intensive, hands-on course focused on the design of structured cabling systems. Offering hands-on skill building activities from day one, this knowledge-intensive course instructs you in real-world tasks, preparing you for design roles outside of the classroom. Assignments from the award-winning Telecommunications Distribution Methods Manual (TDMM) augment your learning, allowing you to prepare questions for the classroom. Through the use of case studies, schematic and construction drawings, and real-life scenarios, you will learn to design codes and standards-compliant telecommunications infrastructure, beginning where the cabling enters the building to any telecommunications environment within the building. In addition to structured cabling, all facets of design for the support infrastructure, including telecommunications spaces, pathways, bonding and grounding, and firestopping are included in the course. DD102 has been structured to maximize your take-away from the class. Students work together to complete a final group project, allowing immediate use of new knowledge and skills learned in the classroom.

COURSE HIGHLIGHTS

- Increased hands-on activities
- Codes, standards, and regulations
- Telecommunications spaces
- Horizontal distribution systems

- Backbone distribution systems
- Outside Plant (OSP) and campus cabling
- Bonding and grounding (earthing)
- Firestopping
- Telecommunications administration

PREREQUISITES & PREPARATION

DD101 is strongly recommended prior to taking DD102.* It is also recommended that students read chapters of the Telecommunications Distribution Methods Manual (TDMM) that will be focused on in the course, prior to attending class. These chapters include: Appendix A, Chapter 5, Chapter 3, Chapter 12 and Chapter 8.
*Beginning January 2015, DD101 will be a required prerequisite for DD102. Students will be given the option of taking a 25- question online knowledge pre-assessment, which if passed, will waive the DD101 prerequisite for the DD102 course.

REQUIRED MATERIALS

Students must bring the TDMM, print or electronic, to class. The manual (not included in the course fee) can be ordered at www.bicsi.org/publications. Students are also required to bring a laptop computer or tablet to class each day.

WHO SHOULD PURCHASE?

- Individuals preparing to take the RCDD exam
- ICT designers with at least two years of on-the-job experience in low-voltage cabling systems
- Individuals looking for a review of telecommunications distribution systems

IN101: BICSI Installer 1 Training

ABOUT THIS COURSE

- GSA Price $1,623.84
- 5-day course
- 35 CECs

KNOWLEDGE AND SKILLS

Must be able to distinguish between different colors and possess manual dexterity to complete fine motor tasks.

COURSE OVERVIEW

This course provides entry-level installers with the background, knowledge and basic skills needed to function safely and effectively as part of a cabling installation team. The BICSI Installer 1 Training course is the introductory course of the ICT Cabling Installation Program series.

COURSE HIGHLIGHTS

- Industry orientation
- Codes and standards/BICSI best practices
- Safety
- Professionalism
- Structured premises cabling systems

- Media
- Job site skills

Note: The BICSI Installer 1 exam is not included in the course fee. You must register for the exam separately. Download an exam application at www.bicsi.org/installer1 or contact BICSI.

COURSE MATERIALS

Students must bring a print version of the Information Technology Systems Installation Methods Manual (ITSIMM) to class. *The manual (not included in the course fee) can be ordered at www.bicsi.org/publications. Personal or prescription safety glasses are also recommended.

PREPARATION

Little or no experience is needed to sit for this class. However, BICSI strongly recommends reading the ITSIMM before coming to class and/or taking the exam.*Order the ITSIMM online at www.bicsi.org/publications.
*Please reference the course confirmation letter for the appropriate edition. Also read any errata sheets or updates.

WHO WILL BENEFIT?

- Individuals with little or no cabling experience
- Anyone looking for an introduction to or wanting to know more about cabling installation
- Individuals pursuing a career in cabling installation
- Anyone planning to take the BICSI Installer 1 exam

IN225: BICSI Installer 2, Copper Training

ABOUT THIS COURSE

- GSA Price $2,167.32
- 5-day course
- 35 CECs

KNOWLEDGE AND SKILLS

Must be able to distinguish between different colors and possess manual dexterity to complete fine motor tasks.
Topics taught in class build upon what is taught in IN101.

COURSE OVERVIEW

This course sets the foundation of a copper-based structured cabling system installation. The course begins with an overview of professionalism, copper transmission principles and general safety practices associated with working with copper cabling. A significant amount of course time will then be spent on BICSI best practices for the installation, termination and testing of copper cable.

COURSE HIGHLIGHTS

- Codes and standards/BICSI best practices
- Copper transmission principles
- Safety

- Professionalism
- Telecommunication pathways
- Telecommunication spaces
- Bonding, grounding (earthing) and protection
- Firestopping
- Installation/pulling copper cable
- Termination of copper cable
- Testing/troubleshooting of copper cable
- Retrofits
- Field coordination

Note: The BICSI Installer 2, Copper exam is not included in the course fee. You must register for the exam separately. Download an exam application at www.bicsi.org/in2copper or contact BICSI.

COURSE MATERIALS

Students must bring a print version of the Information Technology Systems Installation Methods Manual (ITSIMM) to class. *The manual (not included in the course fee) can be ordered at www.bicsi.org/publications. Personal or prescription safety glasses are also recommended.

PREPARATION

This course builds on the lessons taught in the IN101 course. Students of this class may wish to first attend IN101 or gain equivalent experience and knowledge through on-the-job-training. BICSI strongly recommends reading the ITSIMM before coming to class and/or taking the exam*. Order the ITSIMM online at www.bicsi.org/publications.

*Please reference the course confirmation letter for the appropriate edition. Also read any errata sheets or updates.

WHO WILL BENEFIT?

- Anyone looking to expand their knowledge of the industry or advance their cabling installation career
- Individuals who want to learn new copper installation skills
- Level I Installers seeking the Installer 2, Copper credential
- Individuals planning to sit for the BICSI Installer 2, Copper exam

IN250: BICSI Installer 2, Optical Fiber Training

ABOUT THIS COURSE

- GSA Price $2,374.48
- 5-day course
- 35 CECs

KNOWLEDGE AND SKILLS

Must be able to distinguish between different colors and possess manual dexterity to complete fine motor tasks. Topics taught in class build upon what is taught in IN101.

COURSE OVERVIEW

This course sets the groundwork for optical fiber-based structured cabling system installation. The course will open with an overview of professionalism, fiber transmission principles and the general safety practices related to optical fiber cabling. A significant amount of course time will then be spent on installation, splicing, termination and testing of optical fiber cable.

COURSE HIGHLIGHTS

- Codes and standards/BICSI best practices
- Optical fiber transmission principles
- Safety
- Professionalism
- Telecommunication pathways
- Telecommunication spaces
- Firestopping
- Installation/pulling optical fiber cable
- Termination of optical fiber cable
- Testing/troubleshooting of optical fiber cable
- Retrofits
- Field coordination

Note: The BICSI Installer 2, Optical Fiber exam is not included in the course fee. You must register for the exam separately. Download an exam application at www.bicsi.org/in2fiber or contact BICSI.

COURSE MATERIALS

Students must bring a print version of the Information Technology Systems Installation Methods Manual (ITSIMM) to class. *The manual (not included in the course fee) can be ordered at www.bicsi.org/publications. Personal or prescription safety glasses are also recommended.

PREPARATION

This course builds on the lessons taught in the IN101 course. Students of this class may wish to first attend IN101 or gain equivalent experience and knowledge through on-the-job-training. BICSI strongly recommends reading the ITSIMM before coming to class and/or taking the exam*. Order the ITSIMM online at www.bicsi.org/publications.

* Please reference the course confirmation letter for the appropriate edition. Also read any errata sheets or updates.

WHO WILL BENEFIT?

- Anyone looking to expand their knowledge of the industry or advance their cabling installation career
- Individuals who want to learn new optical fiber installation skills
- Level 1 Installers or Level 2, Copper Installers seeking the Installer 2, Optical Fiber credential
- Individuals planning to take the BICSI Installer 2, Optical Fiber exam

OSP102: Applied Outside Plant Design

ABOUT THIS COURSE

- GSA Price $2,138.09
- 5-day course
- 35 CECs

COURSE OVERVIEW

Gain application-based knowledge of all aspects of the outside plant (OSP) design process. This five-day course covers elements common to all OSP projects, along with design techniques for underground, direct-buried and aerial cable plant applications. Students have the opportunity to apply what they have learned through a series of design scenarios such as route design, media selection, planning and cost estimation.

COURSE HIGHLIGHTS

- General information
- Codes, standards, and regulations
- Bonding and grounding (earthing)
- Documentation
- Route design
- Media selection
- Cabling topologies
- Spaces
- Pathways
- Right-of-way
- Splicing
- Maintenance and restoration
- Cost estimating
- PON design
- Free space optics
- Project design

PREPARATION

BICSI recommends completion of the ICT Design Fundamentals Program prior to taking OSP102. In addition, BICSI strongly recommends that students read the OSPDRM before coming to class*. The manual (not included in the course fee) can be ordered at www.bicsi.org/publications.

* Please reference the course confirmation letter for the appropriate edition. Also read any errata sheets or updates.

WHO WILL BENEFIT?

- Anyone who wants to make OSP engineering or design their profession
- End users charged with the ongoing maintenance of OSP facilities
- OSP designers
- Individuals involved in the construction of OSP applications

PM102: Applied Telecommunications Project Management

ABOUT THIS COURSE

- GSA Price $2,187.96
- 5-day course
- 35 CECs

COURSE OVERVIEW

Project management is the foundation of any successful project. This course provides learners with the tools and templates to successfully manage an ICT project throughout the entire project lifecycle. It gives ICT professionals an opportunity to build on their existing project management skills while also exploring the steps and thought processes behind the basic principles and information necessary for managing a successful telecommunications project. In BICSI's PM102: Applied Telecommunications Project Management course, you will not only learn how to manage projects from start to finish, you will also be better prepared to apply these management concepts and skills in real-world situations.

COURSE HIGHLIGHTS

- Project initiation
- Project safety
- Human resource management
- Project scheduling
- Communication management
- Risk management
- Quality management
- Cost management
- Procurement management
- Change management
- Project closing

PREPARATION

PM102 is an introduction to project management in the telecommunications industry. BICSI recommends that students have at least two years of ICT experience and possess basic knowledge of project management concepts. Review of the Telecommunications Project Management (TPM) downloadable resource is also recommended. Order online at www.bicsi.org/publications.

COURSE MATERIALS

Students are encouraged to bring a laptop computer to class.

WHO WILL BENEFIT?

- Candidates preparing to take the RTPM exam
- Individuals seeking a career in project management
- Installers seeking to advance to lead technicians

- Data center personnel managing ICT projects
- Architects/Engineers who manage ICT projects

TE350: BICSI Technician Training

ABOUT THIS COURSE

- GSA Price $2,474.97
- 5-day course
- 35 CECs

KNOWLEDGE AND SKILLS

Must be able to distinguish between different colors and possess manual dexterity to complete fine motor tasks. Topics taught in class build upon what is taught in IN225 and IN250.

COURSE OVERVIEW

This course provides the necessary skillset of a structured cabling systems technician. A significant amount of course time will be spent on troubleshooting copper and optical fiber cable installations. In addition, this course will cover project planning and implementation at the technician level. Additional topics will include site safety, site surveys, blueprint reading, bonding and grounding (earthing) and firestopping practices.

COURSE HIGHLIGHTS

- Codes and standards/BICSI best practices
- Safety
- Bonding, grounding, and protection
- Telecommunications room/equipment room (TR/ER) design
- Advanced copper termination
- Testing/troubleshooting of copper cable
- Optical fiber splicing
- Testing/troubleshooting of optical fiber cable
- Planning and project management
- Retrofits
- Installation special topics

Note: The BICSI Technician exam is not included in the course fee. You must register for the exam separately. Download an exam application at www.bicsi.org/technician or contact BICSI.

COURSE MATERIALS

Students must bring a print version of the Information Technology Systems Installation Methods Manual (ITSIMM) to class. * The manual (not included in the course fee) can be ordered at www.bicsi.org/publications. Personal or prescription safety glasses are also recommended.

PREPARATION

This course builds on the lessons taught in the IN225 and IN250 courses. Students of this class may wish to first

attend IN225 and IN250 or gain equivalent experience and knowledge through on-the-job-training. BICSI strongly recommends reading the ITSIMM before coming to class and/or taking the exam*. Order the ITSIMM online at www.bicsi.org/publications.

*Please reference the course confirmation letter for the appropriate edition. Also read any errata sheets or updates.

WHO WILL BENEFIT?

- Individuals who hold the BICSI Installer 2 or both the BICSI Installer 2, Copper and Installer 2, Optical Fiber credentials
- Highly experienced ICT cabling installers overseeing, planning and managing installation projects
- Installers seeking to expand their knowledge and learn advanced copper and optical fiber installation skills
- Individuals planning to take the BICSI Technician exam

Global Association for Cabling Design and Installation Professionals

BICSI Vision Statement

BICSI is the worldwide preeminent source of information, education and knowledge assessment for the constantly evolving information and communications technology industry.

BICSI Mission Statement

BICSI's Mission is to:

- Lead the information and communications technology industry with excellence in publications, education, andknowledge assessment.
- Advance our members' ability to deliver the highest quality products and services.
- Provide our members with opportunities for continual improvement and enhanced professional stature.