PRICELIST COVER PAGE

AUTHORIZED FEDERAL SUPPLY SERVICE
INFORMATION TECHNOLOGY SCHEDULE PRICELIST
GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY
EQUIPMENT, SOFTWARE AND SERVICES

Special Item No. 132-8 Purchase of Equipment
Special Item No. 132-51 Information Technology Professional Services

Note: All non-professional labor categories must be incidental to and used solely to support hardware, software and/or professional services, and cannot be purchased separately.

SIN 132-8 PURCHASE OF EQUIPMENT

FSC CLASS 7010 - SYSTEM CONFIGURATION

Other System Configuration Equipment Not Elsewhere Classified. Provide specific information:

Installation and furnishing of Cable Distribution Systems (CDS), Inside Cable Distribution Systems (ICDS), Tie-Cables and optical/electrical backbone network components including tributary sources and receivers.

FSC CLASS 7025 - INPUT/OUTPUT AND STORAGE DEVICES

Network Equipment

FSC CLASS 5995 - CABLE, CORD, AND WIRE ASSEMBLIES: COMMUNICATIONS EQUIPMENT

Communications Equipment Cables

FSC CLASS 6015 - FIBER OPTIC CABLES

Fiber Optic Cables

FSC CLASS 6020 - FIBER OPTIC CABLE ASSEMBLES AND HARNESSES

Fiber Optic Cable Assemblies and Harnesses

FSC CLASS 6145 - WIRE AND CABLE, ELECTRICAL

Telephone and Data (RJ-45) Cables

Coaxial Cables

FSC Class 5805 - TELEPHONE AND TELEGRAPH EQUIPMENT

Telephone Equipment

Audio and Video Teleconferencing Equipment

Layer-3 Switches

Routers

Microwave radio

FSC Class 5820 – RADIO AND TELEVISION COMMUNICATION EQUIPMENT, EXCEPT AIRBORNE

Two-Way Radio Transmitters/Receivers/Antennas

Microwave Radio Equipment/Antennas and Wave guides

Satellite Communications Equipment

FSC CLASS 5895 - MISCELLANEOUS COMMUNICATION EQUIPMENT

Miscellaneous Communications Equipment

All items offered are new and offered only as a turnkey installation. The following categories apply

Installation for equipment offered under SIN 132-8 (FPDS Code N070)

Deinstallation for equipment offered under SIN 132-8 (FPDS N070)

Reinstallation for equipment offered under SIN 132-8 (FPDS N070)

NOTE: Installation must be incidental to, in conjunction with and in direct support of the products sold under SIN 132-8 of this contract and cannot be purchased separately. Alcatel Integration Services GmbH is providing services only overseas and as such, the requirement of the Davis-Bacon Act do not apply to this contract.

SIN 132-51 INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES

FPDS Code D301	IT Facility Operation and Maintenance
FPDS Code D302	IT Systems Development Services
FPDS Code D306	IT Systems Analysis Services
FPDS Code D307	Automated Information Systems Design and Integration Services
FPDS Code D316	IT Network Management Services
FPDS Code D399	Other Information Technology Services, Not Elsewhere Classified

Note 1: All non-professional labor categories must be incidental to and used solely to support hardware, software and/or professional services, and cannot be purchased separately.

Note 2: Offerors and Agencies are advised that the Group 70 – Information Technology Schedule is not to be used as a means to procure services which properly fall under the Brooks Act. These services include, but are not limited to, architectural, engineering, mapping, cartographic production, remote sensing, geographic information systems, and related services. FAR 36.6 distinguishes between mapping services of an A/E nature and mapping services which are not connected nor incidental to the traditionally accepted A/E Services.

Note 3: This solicitation is not intended to solicit for the reselling of IT Professional Services, except for the provision of implementation, maintenance, integration, or training services in direct support of a product. Under such circumstances the services must be performed by the publisher or manufacturer or one of their authorized agents.

Alcatel Integration Services GmbH
Kabelkamp 20, D-30179 Hannover, Germany
+49 (0) 511 676 2372 (dial 011 49 511 676 2372)
www.alcatel.com

Contract Number: _____

Period Covered by Contract: _____

General Services Administration
Federal Supply Service

Pricelist current through Modification #_____, dated _____.

Products and ordering information in this Authorized FSS Information Technology Schedule Pricelist are also available on the GSA Advantage! System. Agencies can browse GSA Advantage! by accessing the Federal Supply Service's Home Page via the Internet at http://www.fss.gsa.gov/

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INFORMATION FOR ORDERING ACTIVITIES
APPLICABLE TO ALL SPECIAL ITEM NUMBERS

SPECIAL NOTICE TO AGENCIES: Small Business Participation

SBA strongly supports the participation of small business concerns in the Federal Supply Schedules Program. To enhance Small Business Participation SBA policy allows agencies to include in their procurement base and goals, the dollar value of orders expected to be placed against the Federal Supply Schedules, and to report accomplishments against these goals.

For orders exceeding the micropurchase threshold, FAR 8.404 requires agencies to consider the catalogs/pricelists of at least three schedule contractors or consider reasonably available information by using the GSA Advantage!™ on-line shopping service (www.fss.gsa.gov). The catalogs/pricelists, GSA Advantage!™ and the Federal Supply Service Home Page (www.fss.gsa.gov) contain information on a broad array of products and services offered by small business concerns.

This information should be used as a tool to assist ordering activities in meeting or exceeding established small business goals. It should also be used as a tool to assist in including small, small disadvantaged, and women-owned small businesses among those considered when selecting pricelists for a best value determination.

For orders exceeding the micropurchase threshold, customers are to give preference to small business concerns when two or more items at the same delivered price will satisfy their requirement.

1. Geographic Scope of Contract:

Domestic delivery is delivery within the 48 contiguous states, Alaska, Hawaii, Puerto Rico, Washington, DC, and U.S. Territories. Domestic delivery also includes a port or consolidation point, within the aforementioned areas, for orders received from overseas activities.

Overseas delivery is delivery to points outside of the 48 contiguous states, Washington, DC, Alaska, Hawaii, Puerto Rico, and U.S. Territories.

Offerors are requested to check one of the following boxes:

[ ] The Geographic Scope of Contract will be domestic and overseas delivery.
[X] The Geographic Scope of Contract will be overseas delivery only.
[ ] The Geographic Scope of Contract will be domestic delivery only.

For Special Item Number 132-53 Wireless Services ONLY, if awarded, list the limited geographic coverage area:
_____

2. Contractor's Ordering Address and Payment Information:

Alcatel Integration Services

Kabelkamp 20

D-30179 Hannover, Germany

+49 (0) 511 676 2372 (voice)

+49 (0) 511 676 2372 (fax)

Contractors are required to accept credit cards for payments equal to or less than the micro-purchase threshold for oral or written delivery orders. Credit cards will not be acceptable for payment above the micro-purchase threshold. In addition, bank account information for wire transfer payments will be shown on the invoice.

The following telephone number(s) can be used by ordering activities to obtain technical and/or ordering assistance:

+49 (0) 511 676 2372 (voice)

+49 (0) 511 676 2372 (fax)

3. LIABILITY FOR INJURY OR DAMAGE

The Contractor shall not be liable for any injury to ordering activity personnel or damage to ordering activity property arising from the use of equipment maintained by the Contractor, unless such injury or damage is due to the fault or negligence of the Contractor.

4. Statistical Data for Government Ordering Office Completion of Standard Form 279:

Block 9: G. Order/Modification Under Federal Schedule
Block 16: Data Universal Numbering System (DUNS) Number: 341568632
Block 30: Type of Contractor - L. Foreign Contractor

Block 31: Woman-Owned Small Business - No
Block 36: Contractor's Taxpayer Identification Number (TIN): n/a

4a. CAGE Code: DA297
4b. Contractor has registered with the Central Contractor Registration Database.

5. FOB Destination

6. DELIVERY SCHEDULE

a. TIME OF DELIVERY: The Contractor shall deliver to destination within the number of calendar days after receipt of order (ARO), as set forth below:

SPECIAL ITEM NUMBER	DELIVERY TIME (Days ARO)
132-8	Alcatel typically negotiates and coordinates "start" and "end" dates with the customer. Dates depend on each individual customer's needs and requirements. Average start dates for projects typically range between 30 to 60 days ARO.

b. URGENT REQUIREMENTS: When the Federal Supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering activity, ordering activities are encouraged, if time permits, to contact the Contractor for the purpose of obtaining accelerated delivery. The Contractor shall reply to

the inquiry within 3 workdays after receipt. (Telephonic replies shall be confirmed by the Contractor in writing.) If the Contractor offers an accelerated delivery time acceptable to the ordering activity, any order(s) placed pursuant to the agreed upon accelerated delivery time frame shall be delivered within this shorter delivery time and in accordance with all other terms and conditions of the contract.

7. Discounts: Prices shown are NET Prices; Basic Discounts have been deducted.

a. Prompt Payment: __N/A__ days from receipt of invoice or date of acceptance, whichever is later.
b. Quantity
c. Dollar Volume
d. Government Educational Institutions

Government Educational Institutions are offered the same discounts as all other Government customers.

e. Other

8. Trade Agreements Act of 1979, as amended:

All items are U.S. made end products, designated country end products, Caribbean Basin country end products, Canadian end products, or Mexican end products as defined in the Trade Agreements Act of 1979, as amended.

9. Statement Concerning Availability of Export Packing: N/A

10. Small Requirements: The minimum dollar value of orders to be issued is $__10,000.00__.

11. Maximum Order (All dollar amounts are exclusive of any discount for prompt payment.)

a. The Maximum Order value for the following Special Item Numbers (SINs) is $500,000:

Special Item Number 132-8 - Purchase of Equipment
Special Item Number 132-51 - Information Technology (IT) Professional Services

b. The Maximum Order value for the following Special Item Numbers (SINs) is $25,000:

Special Item Number 132-50 - Training Courses

12. USE OF FEDERAL SUPPLY SERVICE INFORMATION TECHNOLOGY SCHEDULE CONTRACTS. In accordance with FAR 8.404:

[NOTE: Special ordering procedures have been established for Special Item Numbers (SINs) 132-51 IT Professional Services and 132-52 EC Services; refer to the terms and conditions for those SINs.]

Orders placed pursuant to a Multiple Award Schedule (MAS), using the procedures in FAR 8.404, are considered to be issued pursuant to full and open competition. Therefore, when placing orders under Federal Supply Schedules, ordering activities need not seek further competition, synopsize the requirement, make a separate determination of fair and reasonable pricing, or consider small business set-asides in accordance with subpart 19.5. GSA has already determined the prices of items under schedule contracts to be fair and reasonable. By placing an order against a schedule using the procedures outlined below, the ordering activity has concluded that the order represents the best value and results in the lowest overall cost alternative (considering price, special features, administrative costs, etc.) to meet the ordering activity's needs.

a. Orders placed at or below the micro-purchase threshold. ordering activities can place orders at or below the micro-purchase threshold with any Federal Supply Schedule Contractor.

b. Orders exceeding the micro-purchase threshold but not exceeding the maximum order threshold. Orders should be placed with the Schedule Contractor that can provide the supply or service that represents the best value. Before placing an order, ordering activities should consider reasonably available information about the supply or service offered under MAS contracts by using the "GSA Advantage!" on-line shopping service, or by reviewing the catalogs/pricelists of at least three Schedule Contractors and selecting the delivery and other options available under the schedule that meets the ordering activity's needs. In selecting the supply or service representing the best value, the ordering activity may consider--

(1) Special features of the supply or service that are required in effective program performance and that are not provided by a comparable supply or service;

(2) Trade-in considerations;

(3) Probable life of the item selected as compared with that of a comparable item;

(4) Warranty considerations;

(5) Maintenance availability;

(6) Past performance; and

(7) Environmental and energy efficiency considerations.

c. Orders exceeding the maximum order threshold. Each schedule contract has an established maximum order threshold. This threshold represents the point where it is advantageous for the ordering activity to seek a price reduction. In addition to following the procedures in paragraph b, above, and before placing an order that exceeds the maximum order threshold, ordering activities shall--

Review additional Schedule Contractors'

(1) catalogs/pricelists or use the "GSA Advantage!" on-line shopping service;

(2) Based upon the initial evaluation, generally seek price reductions from the Schedule Contractor(s) appearing to provide the best value (considering price and other factors); and

(3) After price reductions have been sought, place the order with the Schedule Contractor that provides the best value and results in the lowest overall cost alternative. If further price reductions are not offered, an order may still be placed, if the ordering activity determines that it is appropriate.

NOTE: For orders exceeding the maximum order threshold, the Contractor may:

(1) Offer a new lower price for this requirement (the Price Reductions clause is not applicable to orders placed over the maximum order in FAR 52.216-19 Order Limitations);

(2) Offer the lowest price available under the contract; or

(3) Decline the order (orders must be returned in accordance with FAR 52.216-19).

d. Blanket purchase agreements (BPAs). The establishment of Federal Supply Schedule BPAs is permitted when following the ordering procedures in FAR 8.404. All schedule contracts contain BPA provisions. Ordering activities may use BPAs to establish accounts with Contractors to fill recurring requirements. BPAs should address the frequency of ordering and invoicing, discounts, and delivery locations and times.

e. Price reductions. In addition to the circumstances outlined in paragraph c, above, there may be instances when ordering activities will find it advantageous to request a price reduction. For example, when the ordering activity finds a schedule supply or service elsewhere at a lower price or when a BPA is being established to fill recurring requirements, requesting a price reduction could be advantageous. The potential volume of orders under these agreements, regardless of the size of the individual order, may offer the ordering activity the opportunity to secure greater discounts. Schedule Contractors are not required to pass on to all schedule users a price reduction extended only to an individual ordering activity for a specific order.

f. Small business. For orders exceeding the micro-purchase threshold, ordering activities should give preference to the items of small business concerns when two or more items at the same delivered price will satisfy the requirement.

g. Documentation. Orders should be documented, at a minimum, by identifying the Contractor the item was purchased from, the item purchased, and the amount paid. If an ordering activity requirement, in excess of the micro-purchase threshold, is defined so as to require a particular brand name, product, or feature of a product peculiar to one manufacturer, thereby precluding consideration of a product manufactured by another company, the ordering activity shall include an explanation in the file as to why the particular brand name, product, or feature is essential to satisfy the ordering activity's needs.

13. FEDERAL INFORMATION TECHNOLOGY/TELECOMMUNICATION STANDARDS REQUIREMENTS: ordering activities acquiring products from this Schedule must comply with the provisions of the Federal Standards Program, as appropriate (reference: NIST Federal Standards Index). Inquiries to determine whether or not specific products listed herein comply with Federal Information Processing Standards (FIPS) or Federal Telecommunication Standards (FED-STDS), which are cited by ordering activities, shall be responded to promptly by the Contractor.

13.1 FEDERAL INFORMATION PROCESSING STANDARDS PUBLICATIONS (FIPS PUBS): Information Technology products under this Schedule that do not conform to Federal Information Processing Standards (FIPS) should not be acquired unless a waiver has been granted in accordance with the applicable "FIPS Publication." Federal Information Processing Standards Publications (FIPS PUBS) are issued by the U.S. Department of Commerce, National Institute of Standards and Technology (NIST), pursuant to National Security Act. Information concerning their availability and applicability should be obtained from the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, Virginia 22161. FIPS PUBS include voluntary standards when these are adopted for Federal use. Individual orders for FIPS PUBS should be referred to the NTIS Sales Office, and orders for subscription service should be referred to the NTIS Subscription Officer, both at the above address, or telephone number (703) 487-4650.

13.2 FEDERAL TELECOMMUNICATION STANDARDS (FED-STDS): Telecommunication products under this Schedule that do not conform to Federal Telecommunication Standards (FED-STDS) should not be acquired unless a waiver has been granted in accordance with the applicable "FED-STD." Federal Telecommunication Standards are issued by the U.S. Department of Commerce, National Institute of Standards and Technology (NIST), pursuant to National Security Act. Ordering information and information concerning the availability of FED-STDS should be obtained from the GSA, Federal Supply Service, Specification Section, 470 East L'Enfant Plaza, Suite 8100, SW, Washington, DC 20407, telephone number (202)619-8925. Please include a self-addressed mailing label when requesting information by mail. Information concerning their applicability can be obtained by writing or calling the U.S. Department of Commerce, National Institute of Standards and Technology, Gaithersburg, MD 20899, telephone number (301)975-2833.

14. CONTRACTOR TASKS / SPECIAL REQUIREMENTS (C-FSS-370) (NOV 2001)

(a) Security Clearances: The Contractor may be required to obtain/possess varying levels of security clearances in the performance of orders issued under this contract. All costs associated with obtaining/possessing such security clearances should be factored into the price offered under the Multiple Award Schedule.

(b) Travel: The Contractor may be required to travel in performance of orders issued under this contract. Allowable travel and per diem charges are governed by Pub .L. 99-234 and FAR Part 31, and are reimbursable by the ordering agency or can be priced as a fixed price item on orders placed under the Multiple Award Schedule. The Industrial Funding Fee does NOT apply to travel and per diem charges.

(c) Certifications, Licenses and Accreditations: As a commercial practice, the Contractor may be required to obtain/possess any variety of certifications, licenses and accreditations for specific FSC/service code classifications offered. All costs associated with obtaining/ possessing such certifications, licenses and accreditations should be factored into the price offered under the Multiple Award Schedule program.

(d) Insurance: As a commercial practice, the Contractor may be required to obtain/possess insurance coverage for specific FSC/service code classifications offered. All costs associated with obtaining/possessing such insurance should be factored into the price offered under the Multiple Award Schedule program.

(e) Personnel: The Contractor may be required to provide key personnel, resumes or skill category descriptions in the performance of orders issued under this contract. Ordering activities may require agency approval of additions or replacements to key personnel.

(f) Organizational Conflicts of Interest: Where there may be an organizational conflict of interest as determined by the ordering agency, the Contractor's participation in such order may be restricted in accordance with FAR Part 9.5.

(g) Documentation/Standards: The Contractor may be requested to provide products or services in accordance with rules, regulations, OMB orders, standards and documentation as specified by the agency's order.

(h) Data/Deliverable Requirements: Any required data/deliverables at the ordering level will be as specified or negotiated in the agency's order.

(i) Government-Furnished Property: As specified by the agency's order, the Government may provide property, equipment, materials or resources as necessary.

(j) Availability of Funds: Many Government agencies' operating funds are appropriated for a specific fiscal year. Funds may not be presently available for any orders placed under the contract or any option year. The Government's obligation on orders placed under this contract is contingent upon the availability of appropriated funds from which payment for ordering purposes can be made. No legal liability on the part of the Government for any payment may arise until funds are available to the ordering Contracting Officer.

15. CONTRACT ADMINISTRATION FOR ORDERING ACTIVITIES: Any ordering activity, with respect to any one or more delivery orders placed by it under this contract, may exercise the same rights of termination as might the GSA Contracting Officer under provisions of FAR 52.212-4, paragraphs (l) Termination for the ordering activity's convenience, and (m) Termination for Cause (See C.1.)

16. GSA Advantage!

GSA Advantage! is an on-line, interactive electronic information and ordering system that provides on-line access to vendors' schedule prices with ordering information. GSA Advantage! will allow the user to perform various searches across all contracts including, but not limited to:

(1) Manufacturer;
(2) Manufacturer's Part Number; and
(3) Product categories.

Agencies can browse GSA Advantage! by accessing the Internet World Wide Web utilizing a browser (ex.: NetScape). The Internet address is http://www.fss.gsa.gov/.

17. PURCHASE OF OPEN MARKET ITEMS

NOTE: Open Market Items are also known as incidental items, noncontract items, non-Schedule items, and items not on a Federal Supply Schedule contract. ODCs (Other Direct Costs) are not part of this contract and should be treated at open market purchases. Ordering Activities procuring open market items must follow FAR 8.401(d).

For administrative convenience, an ordering activity contracting officer may add items not on the Federal Supply Multiple Award Schedule (MAS) -- referred to as open market items -- to a Federal Supply Schedule blanket purchase agreement (BPA) or an individual task or delivery order, **only if**-

(1) All applicable acquisition regulations pertaining to the purchase of the items not on the Federal Supply Schedule have been followed (e.g., publicizing (Part 5), competition requirements (Part 6), acquisition of commercial items (Part 12), contracting methods (Parts 13, 14, and 15), and small business programs (Part 19));

(2) The ordering activity contracting officer has determined the price for the items not on the Federal Supply Schedule is fair and reasonable;

(3) The items are clearly labeled on the order as items not on the Federal Supply Schedule; and

(4) All clauses applicable to items not on the Federal Supply Schedule are included in the order.

18. CONTRACTOR COMMITMENTS, WARRANTIES AND REPRESENTATIONS

a. For the purpose of this contract, commitments, warranties and representations include, in addition to those agreed to for the entire schedule contract:

(1) Time of delivery/installation quotations for individual orders;

(2) Technical representations and/or warranties of products concerning performance, total system performance and/or configuration, physical, design and/or functional characteristics and capabilities of a product/equipment/ service/software package submitted in response to requirements which result in orders under this schedule contract.

(3) Any representations and/or warranties concerning the products made in any literature, description, drawings and/or specifications furnished by the Contractor.

b. The above is not intended to encompass items not currently covered by the GSA Schedule contract.

19. OVERSEAS ACTIVITIES

The terms and conditions of this contract shall apply to all orders for installation, maintenance and repair of equipment in areas listed in the pricelist outside the 48 contiguous states and the District of Columbia, except as indicated below:

NONE

Upon request of the Contractor, the ordering activity may provide the Contractor with logistics support, as available, in accordance with all applicable ordering activity regulations. Such ordering activity support will be provided on a reimbursable basis, and will only be provided to the Contractor's technical personnel whose services are exclusively required for the fulfillment of the terms and conditions of this contract.

20. BLANKET PURCHASE AGREEMENTS (BPAs)

Federal Acquisition Regulation (FAR) 13.303-1(a) defines Blanket Purchase Agreements (BPAs) as "…a simplified method of filling anticipated repetitive needs for supplies or services by establishing 'charge accounts' with qualified sources of supply." The use of Blanket Purchase Agreements under the Federal Supply Schedule Program is authorized in accordance with FAR 13.303-2(c)(3), which reads, in part, as follows:

"BPAs may be established with Federal Supply Schedule Contractors, if not inconsistent with the terms of the applicable schedule contract."

Federal Supply Schedule contracts contain BPA provisions to enable schedule users to maximize their administrative and purchasing savings. This feature permits schedule users to set up "accounts" with Schedule Contractors to fill recurring requirements. These accounts establish a period for the BPA and generally address issues such as the frequency of ordering and invoicing, authorized callers, discounts, delivery locations and times. Agencies may qualify for the best quantity/volume discounts available under the contract, based on the potential volume of business that may be generated through such an agreement, regardless of the size of the individual orders.

In addition, agencies may be able to secure a discount higher than that available in the contract based on the aggregate volume of business possible under a BPA. Finally, Contractors may be open to a progressive type of discounting where the discount would increase once the sales accumulated under the BPA reach certain prescribed levels. Use of a BPA may be particularly useful with the new Maximum Order feature. See the Suggested Format, contained in this Schedule Pricelist, for customers to consider when using this purchasing tool.

21. CONTRACTOR TEAM ARRANGEMENTS

Contractors participating in contractor team arrangements must abide by all terms and conditions of their respective contracts. This includes compliance with Clauses 552.238-74, Industrial Funding Fee and Sales Reporting, i.e., each contractor (team member) must report sales and remit the IFF for all products and services provided under its individual contract.

22. INSTALLATION, DEINSTALLATION, REINSTALLATION

The Davis-Bacon Act (40 U.S.C. 276a-276a-7) provides that contracts in excess of $2,000 to which the United States or the District of Columbia is a party for construction, alteration, or repair (including painting and decorating) of public buildings or public works with the United States, shall contain a clause that no laborer or mechanic employed directly upon the site of the work shall received less than the prevailing wage rates as determined by the Secretary of Labor. The requirements of the Davis-Bacon Act do not apply if the construction work is incidental to the furnishing of supplies, equipment, or services. For example, the requirements do not apply to simple installation or alteration of a public building or public work that is incidental to furnishing supplies or equipment under a supply contract. However, if the construction, alteration or repair is segregable and exceeds $2,000, then the requirements of the Davis-Bacon Act applies.

The ordering activity issuing the task order against this contract will be responsible for proper administration and enforcement of the Federal labor standards covered by the Davis-Bacon Act. The proper Davis-Bacon wage determination will be issued by the ordering activity at the time a request for quotations is made for applicable construction classified installation, deinstallation, and reinstallation services under SIN 132-8.

23. SECTION 508 COMPLIANCE.

If applicable, Section 508 compliance information on the supplies and services in this contract are available in Electronic and Information Technology (EIT) at the following:

www.alcatel.com

The EIT standard can be found at: www.Section508.gov/.

24. PRIME CONTRACTOR ORDERING FROM FEDERAL SUPPLY SCHEDULES.

Prime Contractors (on cost reimbursement contracts) placing orders under Federal Supply Schedules, on behalf of an ordering activity, shall follow the terms of the applicable schedule and authorization and include with each order –

(a) A copy of the authorization from the ordering activity with whom the contractor has the prime contract (unless a copy was previously furnished to the Federal Supply Schedule contractor); and

(b) The following statement:

This order is placed under written authorization from _____ dated _____. In the event of any inconsistency between the terms and conditions of this order and those of your Federal Supply Schedule contract, the latter will govern.

25. INSURANCE—WORK ON A GOVERNMENT INSTALLATION (JAN 1997)(FAR 52.228-5)

(a) The Contractor shall, at its own expense, provide and maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in the contract.

(b) Before commencing work under this contract, the Contractor shall notify the Contracting Officer in writing that the required insurance has been obtained. The policies evidencing required insurance shall contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective—

(1) For such period as the laws of the State in which this contract is to be performed prescribe; or

(2) Until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.

(c) The Contractor shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. The Contractor shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

TERMS AND CONDITIONS APPLICABLE TO PURCHASE OF GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY EQUIPMENT (SPECIAL ITEM NUMBER 132-8)

1. MATERIAL AND WORKMANSHIP

All equipment furnished hereunder must satisfactorily perform the function for which it is intended.

2. ORDER

Written orders, EDI orders (GSA Advantage! and FACNET), credit card orders, and orders placed under blanket purchase agreements (BPA) agreements shall be the basis for purchase in accordance with the provisions of this contract. If time of delivery extends beyond the expiration date of the contract, the Contractor will be obligated to meet the delivery and installation date specified in the original order.

For credit card orders and BPAs, telephone orders are permissible.

3. TRANSPORTATION OF EQUIPMENT

FOB DESTINATION. Prices cover equipment delivery to destination, for any location within the geographic scope of this contract.

4. INSTALLATION AND TECHNICAL SERVICES

a. INSTALLATION. When the equipment provided under this contract is not normally self-installable, the Contractor's technical personnel shall be available to the ordering activity, at the ordering activity's location, to install the equipment and to train ordering activity personnel in the use and maintenance of the equipment. The charges, if any, for such services are listed below, or in the price schedule:

The equipment offered is not self-installable. All installation, de-installation, and re-installation prices are listed in the attached SIN 132-8 Alcatel Integration Services GmbH Products with Cost Shown and GSA Proposed Prices - Effective July 1, 2005.

b. **INSTALLATION, DEINSTALLATION, REINSTALLATION.** The Davis-Bacon Act (40 U.S.C. 276a-276a-7) provides that contracts in excess of $2,000 to which the United States or the District of Columbia is a party for construction, alteration, or repair (including painting and decorating) of public buildings or public works with the United States, shall contain a clause that no laborer or mechanic employed directly upon the site of the work shall received less than the prevailing wage rates as determined by the Secretary of Labor. The requirements of the Davis-Bacon Act do not apply if the construction work is incidental to the furnishing of supplies, equipment, or services. For example, the requirements do not apply to simple installation or alteration of a public building or public work that is incidental to furnishing supplies or equipment under a supply contract. However, if the construction, alteration or repair is segregable and exceeds $2,000, then the requirements of the Davis-Bacon Act applies.

The ordering activity issuing the task order against this contract will be responsible for proper administration and enforcement of the Federal labor standards covered by the Davis-Bacon Act. The proper Davis-Bacon wage determination will be issued by the ordering activity at the time a request for quotations is made for applicable construction classified installation, deinstallation, and reinstallation services under SIN 132-8.

c. OPERATING AND MAINTENANCE MANUALS. The Contractor shall furnish the ordering activity with one (1) copy of all operating and maintenance manuals which are normally provided with the equipment being purchased.

5. INSPECTION/ACCEPTANCE

The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. The ordering activity reserves the right to inspect or test any equipment that has been tendered for acceptance. The ordering activity may require repair or replacement of nonconforming equipment at no increase in contract price. The ordering activity must exercise its postacceptance rights (1) within a reasonable time after the defect was discovered or should have been discovered; and (2) before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

6. WARRANTY

a. Unless specified otherwise in this contract, the Contractor's standard commercial warranty as stated in the contract's commercial pricelist will apply to this contract.

All material and installation is warranted for a minimum period of one year. If an OEM provider offers materials that have a warranty period longer than one year, the contractor agrees to pass the extended warranty along to the government along with any labor required to service the extended warranty.

b. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

c. Limitation of Liability. Except as otherwise provided by an express or implied warranty, the Contractor will not be liable to the ordering activity for consequential damages resulting from any defect or deficiencies in accepted items.

d. If inspection and repair of defective equipment under this warranty will be performed at the Contractor's plant, the address is as follows: Kablekamp 20, D-30179 Hannover, Germany

7. PURCHASE PRICE FOR ORDERED EQUIPMENT

The purchase price that the ordering activity will be charged will be the ordering activity purchase price in effect at the time of order placement, or the ordering activity purchase price in effect on the installation date (or delivery date when installation is not applicable), whichever is less.

8. RESPONSIBILITIES OF THE CONTRACTOR

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City or otherwise) covering work of this character, and shall include all costs, if any, of such compliance in the prices quoted in this offer.

9. TRADE-IN OF INFORMATION TECHNOLOGY EQUIPMENT

When an ordering activity determines that Information Technology equipment will be replaced, the ordering activity shall follow the contracting policies and procedures in the Federal Acquisition Regulation (FAR), the policies and procedures regarding disposition of information technology excess personal property in the Federal Property Management Regulations (FPMR) (41 CFR 101-43.6), and the policies and procedures on exchange/sale contained in the FPMR (41 CFR part 101-46).

TERMS AND CONDITIONS APPLICABLE TO INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES (SPECIAL ITEM NUMBER 132-51)

1. SCOPE

a. The prices, terms and conditions stated under Special Item Number 132-51 Information Technology Professional Services and Special Item Number 132-52 Electronic Commerce Services apply exclusively to IT/EC Services within the scope of this Information Technology Schedule.

b. The Contractor shall provide services at the Contractor's facility and/or at the ordering activity location, as agreed to by the Contractor and the ordering activity.

2. PERFORMANCE INCENTIVES

a. Performance incentives may be agreed upon between the Contractor and the ordering activity on individual fixed price orders or Blanket Purchase Agreements under this contract in accordance with this clause.

b. The ordering activity must establish a maximum performance incentive price for these services and/or total solutions on individual orders or Blanket Purchase Agreements.

c. Incentives should be designed to relate results achieved by the contractor to specified targets. To the maximum extent practicable, ordering activities shall consider establishing incentives where performance is critical to the ordering activity's mission and incentives are likely to motivate the contractor. Incentives shall be based on objectively measurable tasks.

3. ORDERING PROCEDURES FOR SERVICES (REQUIRING A STATEMENT OF WORK) (G-FCI-920) (MAR 2003)

FAR 8.402 contemplates that GSA may occasionally find it necessary to establish special ordering procedures for individual Federal Supply Schedules or for some Special Item Numbers (SINs) within a Schedule. GSA has established special ordering procedures for services that require a Statement of Work. These special ordering procedures take precedence over the procedures in FAR 8.404 (b)(2) through (b)(3).

When ordering services over $100,000, Department of Defense (DOD) ordering offices and non-DOD agencies placing orders on behalf of the DOD must follow the policies and procedures in the Defense Federal Acquisition Regulation Supplement (DFARS) 208.404-70 – Additional ordering procedures for services. When DFARS 208.404-70 is applicable and there is a conflict between the ordering procedures contained in this clause and the additional ordering procedures for services in DFARS 208.404-70, the DFARS procedures take precedence.

GSA has determined that the prices for services contained in the contractor's price list applicable to this Schedule are fair and reasonable. However, the ordering activity using this contract is responsible for considering the level of effort and mix of labor proposed to perform a specific task being ordered and for making a determination that the total firm-fixed price or ceiling price is fair and reasonable.

(a) When ordering services, ordering activities shall—

(1) Prepare a Request (Request for Quote or other communication tool):

(i) A statement of work (a performance-based statement of work is preferred) that outlines, at a minimum, the work to be performed, location of work, period of performance, deliverable schedule, applicable standards, acceptance criteria, and any special requirements (i.e., security clearances, travel, special knowledge, etc.) should be prepared.

(ii) The request should include the statement of work and request the contractors to submit either a firm-fixed price or a ceiling price to provide the services outlined in the statement of work. A firm-fixed price order shall be requested, unless the ordering activity makes a determination that it is not possible at the time of placing the order to estimate accurately the extent or duration of the work or to anticipate cost with any reasonable degree of confidence. When such a determination is made, a labor hour or time-and-materials proposal may be requested. The firm-fixed price shall be based on the rates in the schedule contract and shall consider the mix of labor categories and level of effort required to perform the services described in the statement of work. The firm-fixed price of the order should also include any travel costs or other incidental costs related to performance of the services ordered, unless the order provides for reimbursement of travel costs at the rates provided in the Federal Travel or Joint Travel Regulations. A ceiling price must be established for labor-hour and time-and-materials orders.

(iii) The request may ask the contractors, if necessary or appropriate, to submit a project plan for performing the task, and information on the contractor's experience and/or past performance performing similar tasks.

(iv) The request shall notify the contractors what basis will be used for selecting the contractor to receive the order. The notice shall include the basis for determining whether the contractors are technically qualified and provide an explanation regarding the intended use of any experience and/or past performance information in determining technical qualification of responses. If consideration will be limited to schedule contractors who are small business concerns as permitted by paragraph (2) below, the request shall notify the contractors that will be the case.

(2) Transmit the Request to Contractors:

Based upon an initial evaluation of catalogs and price lists, the ordering activity should identify the contractors that appear to offer the best value (considering the scope of services offered, pricing and other factors such as contractors' locations, as appropriate) and transmit the request as follows:

NOTE: When buying IT professional services under SIN 132—51 ONLY, the ordering office, at its discretion, may limit consideration to those schedule contractors that are small business concerns. This limitation is not applicable when buying supplies and/or services under other SINs as well as SIN 132-51. The limitation may only be used when at least three (3) small businesses that appear to offer services that will meet the agency's needs are available, if the order is estimated to exceed the micro-purchase threshold.

(i) The request should be provided to at least three (3) contractors if the proposed order is estimated to exceed the micro-purchase threshold, but not exceed the maximum order threshold.

(ii) For proposed orders exceeding the maximum order threshold, the request should be provided to additional contractors that offer services that will meet the ordering activity's needs.

(iii) In addition, the request shall be provided to any contractor who specifically requests a copy of the request for the proposed order.

(iv) Ordering activities should strive to minimize the contractors' costs associated with responding to requests for quotes for specific orders. Requests should be tailored to the minimum level necessary for adequate evaluation and selection for order placement. Oral presentations should be considered, when possible.

(3) Evaluate Responses and Select the Contractor to Receive the Order:

After responses have been evaluated against the factors identified in the request, the order should be placed with the schedule contractor that represents the best value. (See FAR 8.404)

(b) The establishment of Federal Supply Schedule Blanket Purchase Agreements (BPAs) for recurring services is permitted when the procedures outlined herein are followed. All BPAs for services must define the services that may be ordered under the BPA, along with delivery or performance time frames, billing procedures, etc. The potential volume of orders under BPAs, regardless of the size of individual orders, may offer the ordering activity the opportunity to secure volume discounts. When establishing BPAs, ordering activities shall—

(1) Inform contractors in the request (based on the ordering activity's requirement) if a single BPA or multiple BPAs will be established, and indicate the basis that will be used for selecting the contractors to be awarded the BPAs.

(i) SINGLE BPA: Generally, a single BPA should be established when the ordering activity can define the tasks to be ordered under the BPA and establish a firm-fixed price or ceiling price for individual tasks or services to be ordered. When this occurs, authorized users may place the order directly under the established BPA when the need for service arises. The schedule contractor that represents the best value should be awarded the BPA. (See FAR 8.404)

(ii) MULTIPLE BPAs: When the ordering activity determines multiple BPAs are needed to meet its requirements, the ordering activity should determine which contractors can meet any technical qualifications before establishing the BPAs. When establishing the BPAs, the procedures in (a)(2) above must be followed. The procedures at (a)(2) do not apply to orders issued under multiple BPAs. Authorized users must transmit the request for quote for an order to all BPA holders and then place the order with the Schedule contractor that represents the best value.

(2) Review BPAs Periodically: Such reviews shall be conducted at least annually. The purpose of the review is to determine whether the BPA still represents the best value. (See FAR 8.404)

(c) The ordering activity should give preference to small business concerns when two or more contractors can provide the services at the same firm-fixed price or ceiling price.

(d) When the ordering activity's requirement involves both products as well as executive, administrative and/or professional, services, the ordering activity should total the prices for the products and the firm-fixed price for the services and select the contractor that represents the best value. (See FAR 8.404)

(e) The ordering activity, at a minimum, should document orders by identifying the contractor from which the services were purchased, the services purchased, and the amount paid. If other than a firm-fixed price order is placed, such documentation should include the basis for the determination to use a labor-hour or time-and-materials order. For ordering activity requirements in excess of the micro-purchase threshold, the order file should document the evaluation of Schedule contractors' quotes that formed the basis for the selection of the contractor that received the order and the rationale for any trade-offs made in making the selection.

4. ORDER

a. Agencies may use written orders, EDI orders, blanket purchase agreements, individual purchase orders, or task orders for ordering services under this contract. Blanket Purchase Agreements shall not extend beyond the end of the contract period; all services and delivery shall be made and the contract terms and conditions shall continue in effect until the completion of the order. Orders for tasks which extend beyond the fiscal year for which funds are available shall include FAR 52.232-19 (Deviation – May 2003) Availability of Funds for the Next Fiscal Year. The purchase order shall specify the availability of funds and the period for which funds are available.

b. All task orders are subject to the terms and conditions of the contract. In the event of conflict between a task order and the contract, the contract will take precedence.

5. PERFORMANCE OF SERVICES

a. The Contractor shall commence performance of services on the date agreed to by the Contractor and the ordering activity.

b. The Contractor agrees to render services only during normal working hours, unless otherwise agreed to by the Contractor and the ordering activity.

c. The ordering activity should include the criteria for satisfactory completion for each task in the Statement of Work or Delivery Order. Services shall be completed in a good and workmanlike manner.

d. Any Contractor travel required in the performance of IT/EC Services must comply with the Federal Travel Regulation or Joint Travel Regulations, as applicable, in effect on the date(s) the travel is performed. Established Federal Government per diem rates will apply to all Contractor travel. Contractors cannot use GSA city pair contracts.

6. STOP-WORK ORDER (FAR 52.242-15) (AUG 1989)

(a) The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part, of the work called for by this contract for a period of 90 days after the order is delivered to the Contractor, and for any further period to which the parties may agree. The order shall be specifically identified as a stop-work order issued under this clause. Upon receipt of the order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Within a period of 90 days after a stop-work is delivered to the Contractor, or within any extension of that period to which the parties shall have agreed, the Contracting Officer shall either-

(1) Cancel the stop-work order; or

(2) Terminate the work covered by the order as provided in the Default, or the Termination for Convenience of the Government, clause of this contract.

(b) If a stop-work order issued under this clause is canceled or the period of the order or any extension thereof expires, the Contractor shall resume work. The Contracting Officer shall make an equitable adjustment in the delivery schedule or contract price, or both, and the contract shall be modified, in writing, accordingly, if-

(1) The stop-work order results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this contract; and

(2) The Contractor asserts its right to the adjustment within 30 days after the end of the period of work stoppage; provided, that, if the Contracting Officer decides the facts justify the action, the Contracting Officer may receive and act upon the claim submitted at any time before final payment under this contract.

(c) If a stop-work order is not canceled and the work covered by the order is terminated for the convenience of the Government, the Contracting Officer shall allow reasonable costs resulting from the stop-work order in arriving at the termination settlement.

(d) If a stop-work order is not canceled and the work covered by the order is terminated for default, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop-work order.

7. INSPECTION OF SERVICES

The Inspection of Services–Fixed Price (AUG 1996) (Deviation – May 2003) clause at FAR 52.246-4 applies to firm-fixed price orders placed under this contract. The Inspection–Time-and-Materials and Labor-Hour (JAN 1986) (Deviation – May 2003) clause at FAR 52.246-6 applies to time-and-materials and labor-hour orders placed under this contract.

8. RESPONSIBILITIES OF THE CONTRACTOR

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City, or otherwise) covering work of this character. If the end product of a task order is software, then FAR 52.227-14 (Deviation – May 2003) Rights in Data – General, may apply.

9. RESPONSIBILITIES OF THE ORDERING ACTIVITY

Subject to security regulations, the ordering activity shall permit Contractor access to all facilities necessary to perform the requisite IT/EC Services.

10. INDEPENDENT CONTRACTOR

All IT/EC Services performed by the Contractor under the terms of this contract shall be as an independent Contractor, and not as an agent or employee of the ordering activity.

11. ORGANIZATIONAL CONFLICTS OF INTEREST

a. Definitions.

"Contractor" means the person, firm, unincorporated association, joint venture, partnership, or corporation that is a party to this contract.

"Contractor and its affiliates" and "Contractor or its affiliates" refers to the Contractor, its chief executives, directors, officers, subsidiaries, affiliates, subcontractors at any tier, and consultants and any joint venture involving the Contractor, any entity into or with which the Contractor subsequently merges or affiliates, or any other successor or assignee of the Contractor.

An "Organizational conflict of interest" exists when the nature of the work to be performed under a proposed ordering activity contract, without some restriction on ordering activities by the Contractor and its affiliates, may either (i) result in an unfair competitive advantage to the Contractor or its affiliates or (ii) impair the Contractor's or its affiliates' objectivity in performing contract work.

b. To avoid an organizational or financial conflict of interest and to avoid prejudicing the best interests of the ordering activity, ordering activities may place restrictions on the Contractors, its affiliates, chief executives, directors, subsidiaries and subcontractors at any tier when placing orders against schedule contracts. Such restrictions shall be consistent with FAR 9.505 and shall be designed to avoid, neutralize, or mitigate organizational conflicts of interest that might otherwise exist in situations related to individual orders placed against the schedule contract. Examples of situations, which may require restrictions, are provided at FAR 9.508.

12. INVOICES

The Contractor, upon completion of the work ordered, shall submit invoices for IT/EC services. Progress payments may be authorized by the ordering activity on individual orders if appropriate. Progress payments shall be based upon completion of defined milestones or interim products. Invoices shall be submitted monthly for recurring services performed during the preceding month.

13. PAYMENTS

For firm-fixed price orders the ordering activity shall pay the Contractor, upon submission of proper invoices or vouchers, the prices stipulated in this contract for service rendered and accepted. Progress payments shall be made only when authorized by the order. For time-and-materials orders, the Payments under Time-and-Materials and Labor-Hour Contracts at FAR 52.232-7 (DEC 2002), (Alternate II – Feb 2002) (Deviation – May 2003) applies to time-and-materials orders placed under this contract. For labor-hour orders, the Payment under Time-and-Materials and Labor-Hour Contracts at FAR 52.232-7 (DEC 2002), (Alternate II – Feb 2002) (Deviation – May 2003)) applies to labor-hour orders placed under this contract.

14. RESUMES

Resumes shall be provided to the GSA Contracting Officer or the user ordering activity upon request.

15. INCIDENTAL SUPPORT COSTS

Incidental support costs are available outside the scope of this contract. The costs will be negotiated separately with the ordering activity in accordance with the guidelines set forth in the FAR.

16. APPROVAL OF SUBCONTRACTS

The ordering activity may require that the Contractor receive, from the ordering activity's Contracting Officer, written consent before placing any subcontract for furnishing any of the work called for in a task order.

17. DESCRIPTION OF IT/EC SERVICES AND PRICING

a. The Contractor shall provide a description of each type of IT/EC Service offered under Special Item Numbers 132-51 and 132-52. IT/EC Services should be presented in the same manner as the Contractor sells to its commercial and other ordering activity customers. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles (labor categories) for those individuals who will perform the service should be provided.

b. Pricing for all IT/EC Services shall be in accordance with the Contractor's customary commercial practices; e.g., hourly rates, monthly rates, term rates, and/or fixed prices.

ALCATEL INTEGRATION SERVICES GmbH
LABOR RATE CATEGORIES
Commercial Job Titles

1) Senior Management Consultant

Minimum Education: BS or MS Degree Minimum Experience: 15 years

GSA Rate $174.30

Serves as senior country operations manager which is the contractor's point of contact and shall be the contractor's authorized interface. Formulates and enforces work standards, assigns area schedules, reviews work discrepancies and communicates policies, purposes, and goals of the organization to subordinates. The Senior country operations manager is responsible for overall performance in all functional areas.

2) Principal Knowledge Management Consultant

Minimum Education: BS or MS Degree Minimum Experience: 12 years

GSA Rate $120.90

Serves as senior area general manager in charge of all operations in assigned area to ensure efficiency and quality according to the terms of the delivery order. Serves as the interface between the customer and the necessary teams. Assigns team schedules, reports periodically status of installation works, monitors performance and performs cyclic audits on installation teams. Manages on site personnel, provides contact to 3rd parties and local authorities. Monitors status of material, spare parts, machinery, tools and test equipment in the area. Prepares accurate reports for all activities. Has managerial and leadership responsibility for all service personnel in the area.

3) Senior Systems Engineer

Minimum Education: BS or MS Degree Minimum Experience: 12 years

GSA Rate $141.05

Provides expert support, analysis and research into exceptionally complex problems and processes relating to fiber optic and transmission technology. Serves as technical expert on project teams providing technical direction, interpretation and alternatives. Thinks independently and demonstrates written and oral communications skills. Validates measurements and dependencies with existing transmission systems.

4) Senior Information Technology Expert

Minimum Education: BS Degree Minimum Experience: 12 years

GSA Rate $72.54

Serves as cable (FO & Copper) systems specialist who provides, as leader of the installion team, cable network services in accordance with the service level agreement. Performs cyclic measurements on cables. Performs calibration and tests of instruments and machinery. Performs and analyses measurements on cable sections and decides on approproate course of action. Covers the complete scope of cable works. Provides accurate reports on all activities.

5) Senior Change Management Specialist

Minimum Education: BS Degree Minimum Experience: 12 years

GSA Rate $77.58

Serves as chief engineer who provides works services for outside plant networks. Ensures that machinery and tools are 100% available according to the service level agreement. Provides wide knowledge on cable networks and can decide independently about required works programs. Supervises the works team(s).

6) Quality Assurance Manager

Minimum Education: Trade School + Minimum Experience: 12 years

GSA Rate $55.41

Has overall responsibility for Quality Assurance (QA). Establishes and maintains processes to ensure QA in accordance with Government provided Test Plans and Procedures and standard commercial practices. This effort includes, but is not limited to: (a) implementation of QA plans and procedures, (b) exercising QA control for all products delivered to the Government, (c) monitoring subcontractor work efforts, and (d) attending in-progress reviews, as required. Ensures records of inspection and tests are kept complete and available to the Government. Informs the Government in advance of any tests and inspections that government personnel may wish to personally observe.

7) Network Draftsman

Minimum Education: Trade School + Minimum Experience: 8 years

GSA Rate $23.17

Gathers, analyzes and records technical data in the form of drawings. Uses AutoCad, Visio and other software tools to document cable and equipment installation for the permanent record in accordance with government requirements. Develops drawings for site plans, network configuration and proposals. Prepares updated electronic drawings from marked-up red-line blueprints. Researches information provided to him/her to ensure the proper use of technical terminology.

8) Technical Writer

Minimum Education: Trade School + Minimum Experience: 8 years

GSA Rate $28.21

Collects and organizes information for use in the preparation of reports, documents and training manuals. Prepares draft and final copies of required governmental reports. In cooperation with other team members, prepares training manuals and other materials necessary for training government personnel. Prepares propsals and bids in cooperation with technical experts.

9) Hardware Specialist

Minimum Education: Trade School + Minimum Experience: 8 years

GSA Rate $27.96

Analyzes IT systems in terms of cable types, age, hardware capabilities and interface. Pepares recommendations for upgrades, life-cycle replacement and re-configuration. Interfaces with the government customer through the PM to solve problems and ensure the optimum materials and equipment are utilized for each situation.

10) Communications Specialist

Minimum Education: Trade School + Minimum Experience: 10 years

GSA Rate $35.51

Develops recommendations for cable and communication systems design based on analysis of existing configuration and his/her knowledge of available or easily obtainable infrastructure. Assists Engineers and government personnel to select the optimum routing for cable, and works with the Hardware Specialist and government personnel to select the optimum hardware solution.

USA COMMITMENT TO PROMOTE SMALL BUSINESS PARTICIPATION PROCUREMENT PROGRAMS

PREAMBLE

Alcatel Contracting GmbH provides commercial products and services to ordering activities. We are committed to promoting participation of small, small disadvantaged and women-owned small businesses in our contracts. We pledge to provide opportunities to the small business community through reselling opportunities, mentor-protégé programs, joint ventures, teaming arrangements, and subcontracting.

COMMITMENT

To actively seek and partner with small businesses.

To identify, qualify, mentor and develop small, small disadvantaged and women-owned small businesses by purchasing from these businesses whenever practical.

To develop and promote company policy initiatives that demonstrate our support for awarding contracts and subcontracts to small business concerns.

To undertake significant efforts to determine the potential of small, small disadvantaged and women-owned small business to supply products and services to our company.

To insure procurement opportunities are designed to permit the maximum possible participation of small, small disadvantaged, and women-owned small businesses.

To attend business opportunity workshops, minority business enterprise seminars, trade fairs, procurement conferences, etc., to identify and increase small businesses with whom to partner.

To publicize in our marketing publications our interest in meeting small businesses that may be interested in subcontracting opportunities.

We signify our commitment to work in partnership with small, small disadvantaged and women-owned small businesses to promote and increase their participation in ordering activity contracts. To accelerate potential opportunities please contact Dr. Hakan Yuce, +49 (0) 511 676 2372 (voice), e-mail: Hakan.Yuce@Alcatel.com, or fax +49 (0) 511 676 2739)

BEST VALUE
BLANKET PURCHASE AGREEMENT
FEDERAL SUPPLY SCHEDULE

(Insert Customer Name)

In the spirit of the Federal Acquisition Streamlining Act (ordering activity) and Alcatel Integration Services GmbH enter into a cooperative agreement to further reduce the administrative costs of acquiring commercial items from the General Services Administration (GSA) Federal Supply Schedule Contract(s) _____.

Federal Supply Schedule contract BPAs eliminate contracting and open market costs such as: search for sources; the development of technical documents, solicitations and the evaluation of offers. Teaming Arrangements are permitted with Federal Supply Schedule Contractors in accordance with Federal Acquisition Regulation (FAR) 9.6.

This BPA will further decrease costs, reduce paperwork, and save time by eliminating the need for repetitive, individual purchases from the schedule contract. The end result is to create a purchasing mechanism for the ordering activity that works better and costs less.

Signatures

Ordering Activity	Date	Contractor	Date

BPA NUMBER_____

(CUSTOMER NAME)
BLANKET PURCHASE AGREEMENT

Pursuant to GSA Federal Supply Schedule Contract Number(s)_____, Blanket Purchase Agreements, the Contractor agrees to the following terms of a Blanket Purchase Agreement (BPA) EXCLUSIVELY WITH (ordering activity):

(1) The following contract items can be ordered under this BPA. All orders placed against this BPA are subject to the terms and conditions of the contract, except as noted below:

MODEL NUMBER/PART NUMBER	*SPECIAL BPA DISCOUNT/PRICE

(2) Delivery:

DESTINATION	DELIVERY SCHEDULES / DATES
At customers location	

(3) The ordering activity estimates, but does not guarantee, that the volume of purchases through this agreement will be _____.

(4) This BPA does not obligate any funds.

(5) This BPA expires on _____ or at the end of the contract period, whichever is earlier.

(6) The following office(s) is hereby authorized to place orders under this BPA:

OFFICE	POINT OF CONTACT

(7) Orders will be placed against this BPA via Electronic Data Interchange (EDI), FAX, or paper.

(8) Unless otherwise agreed to, all deliveries under this BPA must be accompanied by delivery tickets or sales slips that must contain the following information as a minimum:

(a) Name of Contractor;

(b) Contract Number;

(c) BPA Number;

(d) Model Number or National Stock Number (NSN);

(e) Purchase Order Number;

(f) Date of Purchase;

(g) Quantity, Unit Price, and Extension of Each Item (unit prices and extensions need not be shown when incompatible with the use of automated systems; provided, that the invoice is itemized to show the information); and

(h) Date of Shipment.

(9) The requirements of a proper invoice are specified in the Federal Supply Schedule contract. Invoices will be submitted to the address specified within the purchase order transmission issued against this BPA.

(10) The terms and conditions included in this BPA apply to all purchases made pursuant to it. In the event of an inconsistency between the provisions of this BPA and the Contractor's invoice, the provisions of this BPA will take precedence.

****

BASIC GUIDELINES FOR USING
"CONTRACTOR TEAM ARRANGEMENTS"

Federal Supply Schedule Contractors may use "Contractor Team Arrangements" (see FAR 9.6) to provide solutions when responding to a ordering activity requirements.

These Team Arrangements can be included under a Blanket Purchase Agreement (BPA). BPAs are permitted under all Federal Supply Schedule contracts.

Orders under a Team Arrangement are subject to terms and conditions or the Federal Supply Schedule Contract.

Participation in a Team Arrangement is limited to Federal Supply Schedule Contractors.

Customers should refer to FAR 9.6 for specific details on Team Arrangements.

Here is a general outline on how it works:

- The customer identifies their requirements.
- Federal Supply Schedule Contractors may individually meet the customers needs, or -
- Federal Supply Schedule Contractors may individually submit a Schedules "Team Solution" to meet the customer's requirement.
- Customers make a best value selection.

SIN 132-8 Alcatel Integration Services GmbH - GSA Proposed Prices

No.	Item	Description	UM	Proposed GSA Price w/ IFF
	FO Cables			
1	6 ST, SM, HG	6 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for underground duct	M	$0.59
2	12 ST, SM, HG	12 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for underground duct	M	$1.00
3	24 ST, SM, HG	24 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for underground duct	M	$1.50
4	36 ST, SM, HG	36 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for underground duct	M	$1.90
5	48 ST, SM, HG	48 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for underground duct	M	$2.25
6	72 ST, SM, HG	72 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for underground duct	M	$2.94
7	96 ST, SM, HG	96 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for underground duct	M	$3.71
8	120 ST, SM, HG	120 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for underground duct	M	$4.70
9	144 ST, SM, HG	144 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for underground duct	M	$5.63
10	192 ST, SM, HG	192 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for underground duct	M	$7.14
11	240 ST, SM, HG	240 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for underground duct	M	$8.41
12	288 ST, SM, HG	288 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for underground duct	M	$9.76

No.	Item	Description	UM	Proposed GSA Price w/ IFF
13	12 ST, SM, HG, IN/OUT	12 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for indoor and outdoor. This cable is rated as such, that it can be run without using conduit.	M	$1.01
14	24 ST, SM, HG, IN/OUT	24 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for indoor and outdoor. This cable is rated as such, that it can be run without using conduit.	M	$1.51
15	36 ST, SM, HG, IN/OUT	36 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for indoor and outdoor. This cable is rated as such, that it can be run without using conduit.	M	$1.81
16	48 ST, SM, HG, IN/OUT	48 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for indoor and outdoor. This cable is rated as such, that it can be run without using conduit.	M	$2.18
17	72 ST, SM, HG, IN/OUT	72 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for indoor and outdoor. This cable is rated as such, that it can be run without using conduit.	M	$2.98
18	96 ST, SM, HG, IN/OUT	96 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for indoor and outdoor. This cable is rated as such, that it can be run without using conduit.	M	$3.66
19	120 ST, SM, HG, IN/OUT	120 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for indoor and outdoor. This cable is rated as such, that it can be run without using conduit.	M	$4.66
20	144 ST, SM, HG, IN/OUT	144 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for indoor and outdoor. This cable is rated as such, that it can be run without using conduit.	M	$5.45

No.	Item	Description	UM	Proposed GSA Price w/ IFF
21	156 ST, SM, HG, IN/OUT	156 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for indoor and outdoor. This cable is rated as such, that it can be run without using conduit.	M	$6.29
22	192 ST, SM, HG, IN/OUT	192 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for indoor and outdoor. This cable is rated as such, that it can be run without using conduit.	M	$7.17
23	12 ST SM, HG, RISER	12 fiber, high grade, single mode, riser rated, fiber optic cable with dielectric strength members for use within a building.	M	$1.69
24	24 ST SM, HG, RISER	24 fiber, high grade, single mode, riser rated, fiber optic cable with dielectric strength members for use within a building.	M	$3.45
25	36 ST SM, HG, RISER	36 fiber, high grade, single mode, riser rated, fiber optic cable with dielectric strength members for use within a building.	M	$5.26
26	FIBER PEDESTAL FOR 12SM STRANDSd	12 strand FOC pedestal and anything else required to prepare the device for use. Includes the pedestal, mounting stake or pole, labels, ground rod, splice case and splice trays.	EA	$526.43
27	FIBER PEDESTAL FOR 24SM STRANDS	24 strand FOC pedestal and anything else required to prepare the device for use. Includes the pedestal, mounting stake or pole, labels, ground rod, splice case and splice trays.	EA	$863.23
28	GENERIC FIBER SPLICE CASE	Type (UG, DB, or aerial) and capacity (48ST, 144ST, etc.) shall be determined by reviewing the Project Drawings	EA	$340.94
	Copper Cables			
29	6 PR .6 MM GERMAN/24-ga. US SPEC CABLE IN DUCT	New, German spec, 6 pair, (0.6mm) wire diameter, filled, copper cable rated for use in an underground conduit system	M	$1.26
30	10 PR .6 MM GERMAN/24-ga. US SPEC CABLE IN DUCT	New, German spec, 10 pair, (0.6mm) wire diameter, filled, copper cable rated for use in an underground conduit system	M	$1.50

No.	Item	Description	UM	Proposed GSA Price w/ IFF
31	30 PR .6 MM GERMAN/24-ga. US SPEC CABLE IN DUCT	New, German spec, 30 pair, (0.6mm) wire diameter, filled, copper cable rated for use in an underground conduit system	M	$2.21
32	50 PR .6 MM GERMAN/24-ga. US SPEC CABLE IN DUCT	New, German spec, 50 pair, (0.6mm) wire diameter, filled, copper cable rated for use in an underground conduit system	M	$3.33
33	100 PR .6 MM GERMAN/24-ga. US SPEC CABLE IN DUCT	New, German spec, 100 pair, (0.6mm) wire diameter, filled, copper cable rated for use in an underground conduit system	M	$5.90
34	150 PR .6 MM GERMAN/24-ga. US SPEC CABLE IN DUCT	New, German spec, 150 pair, (0.6mm) wire diameter, filled, copper cable rated for use in an underground conduit system	M	$8.86
35	200 PR .6 MM GERMAN/24-ga. US SPEC CABLE IN DUCT	New, German spec, 200 pair, (0.6mm) wire diameter, filled, copper cable rated for use in an underground conduit system	M	$11.88
36	300 PR .6 MM GERMAN/24-ga. US SPEC CABLE IN DUCT	New, German spec, 300 pair, (0.6mm) wire diameter, filled, copper cable rated for use in an underground conduit system	M	$17.83
37	500 PR .6 MM GERMAN/24-ga. US SPEC CABLE IN DUCT	New, German spec, 500 pair, (0.6mm) wire diameter, filled, copper cable rated for use in an underground conduit system	M	$28.88
38	600 PR .6 MM GERMAN/24-ga. US SPEC CABLE IN DUCT	New, German spec, 600 pair, (0.6mm) wire diameter, filled, copper cable rated for use in an underground conduit system	M	$35.44
39	800 PR .6 MM GERMAN/24-ga. US SPEC CABLE IN DUCT	New, German spec, 800 pair, (0.6mm) wire diameter, filled, copper cable rated for use in an underground conduit system	M	$46.12
40	30 PAIR, .6MM, GERMAN/24-ga. US SPEC, INDOOR RATED, COPPER CABLE	New, German spec, 30 pair, (0.6mm) wire diameter, copper cable rated for indoor use	M	$2.03
41	50 PAIR, .6MM, GERMAN/24-ga. US SPEC, INDOOR RATED, COPPER CABLE	New, German spec, 50 pair, (0.6mm) wire diameter, copper cable rated for indoor use	M	$2.87
42	100 PAIR, .6MM, GERMAN/24-ga. US SPEC, INDOOR RATED, COPPER CABLE	New, German spec, 100 pair, (0.6mm) wire diameter, copper cable rated for indoor use	M	$5.22

No.	Item	Description	UM	Proposed GSA Price w/ IFF
43	150 PAIR, .6MM, GERMAN/24-ga. US SPEC, INDOOR RATED, COPPER CABLE	New, German spec, 150 pair, (0.6mm) wire diameter, copper cable rated for indoor use	M	$10.21
44	200 PAIR, .6MM, GERMAN/24-ga. US SPEC, INDOOR RATED, COPPER CABLE	New, German spec, 200 pair, (0.6mm) wire diameter, copper cable rated for indoor use	M	$10.56
	Conduits & Ducts			
45	EMT (2" DIA.) (50mm DIA.)	2" (50mm) EMT conduit and anything else required to make a complete system. Hardware includes connectors, pullboxes, screws.	M	$34.99
46	EMT (3" DIA.) (75mm DIA.)	3" (75mm) EMT conduit and anything else required to make a complete system. Hardware includes connectors, pullboxes, screws.	M	$57.60
47	1PVC4" (100mm)	One each, 4" (100mm) inside diameter, PVC, type C, D, or DB (as defined by BICSI) telecommunications duct. Hardware includes spacers, connectors, sweeps, slip joints, adhesives, pull string, warning tape and plugs.	M	$19.76
48	2PVC4" (100mm)	Two each, 4" (100mm) inside diameter, PVC, type C, D, or DB (as defined by BICSI) telecommunications duct rated for direct buried or concrete encasement and associated hardware/materials. Hardware includes spacers, connectors, sweeps, slip joints, adhesives, pull string, warning tape and plugs.	M	$39.10
49	4PVC4" (100mm)	Four each, 4" (100mm) inside diameter, PVC, type C, D, or DB (as defined by BICSI) telecommunications duct rated for direct buried or concrete encasement and associated hardware/materials. Hardware includes spacers, connectors, sweeps, slip joints, adhesives, pull string, warning tape and plugs.	M	$47.09

No.	Item	Description	UM	Proposed GSA Price w/ IFF
50	8PVC4" (100mm)	Eight each, 4" (100mm) inside diameter, PVC, type C, D, or DB (as defined by BICSI) telecommunications duct rated for direct buried or concrete encasement and associated hardware/materials. Hardware includes spacers, connectors, sweeps, slip joints, adhesives, pull string, warning tape and plugs.	M	$57.53
51	10PVC4" (100mm)	Ten each, 4" (100mm) inside diameter, PVC, type C, D, or DB (as defined by BICSI) telecommunications duct rated for direct buried or concrete encasement and associated hardware/materials. Hardware includes spacers, connectors, sweeps, slip joints, adhesives, pull string, warning tape and plugs.	M	$72.50
52	1PVC5" (125mm)	One each, 5" (125mm) inside diameter, PVC type C, D, or DB (as defined by BICSI) telecommunications duct and anything else required to make a complete system. Hardware includes spacers, connectors, sweeps, slip joints, adhesives, pull string, warning tape and plugs.	M	$7.05
53	2PVC5" (125 mm)	Two each, 5" (125mm) inside diameter, PVC type C, D, or DB (as defined by BICSI), telecommunications duct rated for direct buried or concrete encasement and associated hardware/materials. Hardware includes spacers, connectors, sweeps, slip joints, adhesives, pull string, warning tape and plugs. One of the ducts shall be divided into at least 4 individual cells or sub-ducts.	M	$15.94

No.	Item	Description	UM	Proposed GSA Price w/ IFF
54	4PVC5" (125 mm)	Four each, 5" (125mm) inside diameter, PVC type C, D, or DB (as defined by BICSI), telecommunications duct rated for direct buried or concrete encasement and associated hardware/materials. Hardware includes spacers, connectors, sweeps, slip joints, adhesives, pull string, warning tape and plugs. One of the ducts shall be divided into at least 4 individual cells or sub-ducts.	M	$28.63
55	6PVC5" (125 mm)	Six each, 5" (125mm) inside diameter, PVC type C, D, or DB (as defined by BICSI), telecommunications duct rated for direct buried or concrete encasement and associated hardware/materials. Hardware includes spacers, connectors, sweeps, slip joints, adhesives, pull string, warning tape and plugs. One of the ducts shall be divided into at least 4 individual cells or sub-ducts.	M	$40.69
56	9PVC5" (125 mm)	Nine each, 5" (125mm) inside diameter, PVC type C, D, or DB (as defined by BICSI), telecommunications duct rated for direct buried or concrete encasement and associated hardware/materials. Hardware includes spacers, connectors, sweeps, slip joints, adhesives, pull string, warning tape and plugs. At least one of the ducts shall be divided into at least 4 individual cells or sub-ducts.	M	$66.68
57	12PVC5" (125 mm)	Twelve each, 5" (125mm) inside diameter, PVC type C, D, or DB (as defined by BICSI), telecommunications duct rated for direct buried or concrete encasement and associated hardware/materials. Hardware includes spacers, connectors, sweeps, slip joints, adhesives, pull string, warning tape and plugs. At least one of the ducts shall be divided into at least 4 individual cells or sub-ducts.	M	$81.65

No.	Item	Description	UM	Proposed GSA Price w/ IFF
58	1GSP4" (100mm)	One each, 4" (100mm) galvanized steel pipe and anything else required to make a complete system. Hardwared includes connectors, adapters, slip joints and mounting hardware.	M	$34.44
59	2GSP5" (125mm)	Two each, 5" (125mm) galvanized steel pipe and anything else required to make a complete system. Hardwared includes connectors, adapters, slip joints and mounting hardware.	M	$35.19
60	1PVC5" (125mm)(UV)	One 5" (125mm) PVC pipe and anything else required to make a complete system. Hardwared includes connectors, adapters, slip joints and mounting hardware.	M	$10.94
61	BORE 1HDPE5" (125mm)	One each, 5" (125mm) inside diameter, telecommunications ducts (High Density Polyethylene ducts)	M	$50.58
62	BORE 2HDPE5" (125mm)	Two each, 5" (125mm) inside diameter, telecommunications ducts (High Density Polyethylene ducts)	M	$77.97
63	BORE 4HDPE5" (125mm)	Four each, 5" (125mm) inside diameter, telecommunications ducts (High Density Polyethylene ducts)	M	$111.65
64	UNDER GROUND BUILDING ENTRANCE (2PVC4" (100mm) DUCT BANK)	Two way 4" (100mm) diameter, schedule 40, PVC conduit duct bank. Includes two concrete (each core could be up to 6" (150mm) diameter, 3' (910mm) deep) core drills. Includes all necessary materials and or operations to make a functionally complete and industry compliant outside plant underground building entrance for a 2 way, 4" (100mm) PVC conduit duct bank. See OSPPR drawing "Pedestals and Building Entrance Details".	EA	$72.88

No.	Item	Description	UM	Proposed GSA Price w/ IFF
65	UNDER GROUND BUILDING ENTRANCE 2PVC5" (125mm) DUCT BANK	Two way, 5" (125mm) inside diameter, PVC conduit duct bank. Includes two core drills through brick, block, concrete or stone (each core could be up to 6" (150mm) diameter, 3' (910mm) deep). Includes all necessary materials and or operations to make a functionally complete and industry compliant outside plant underground building entrance for a 2 way, 5" (125mm) PVC conduit duct bank. See OSPPR drawing "Pedestals and Building Entrance Details".	EA	$133.98
66	ROD AND MANDREL DUCT	Pull string in an existing duct. Uses a rod and mandrel to clean the duct and place the pull string.	M	$0.32
67	UNDER GROUND BUILDING ENTRANCE HARDENED CARRIER SYSTEM (1GSP4" (100mm) DUCT BANK)	4" (100mm) inside diameter, hardened carrier GSP. Includes a core drill through brick, block, concrete or stone (could be up to 5" (125mm) diameter, 3' (910mm) deep). Includes all necessary materials and or operations to make a functionally complete and industry compliant outside plant underground building entrance for a hardened carrier duct.	EA	$84.96
68	FABRIC MESH INNERDUCT, 3 CELL	Flexible, mesh fabric, 3 cell, inner duct with pull string or tape in a duct. The "3X" represents the total number of cells in a duct.	M	$5.53
69	FABRIC MESH INNERDUCT, 6 CELL	Multiple packs of a flexible, mesh fabric, 3 cell, inner duct with pull string or tape in a duct. The "6X" represents the total number of cells in a duct.	M	$8.36
70	FABRIC MESH INNERDUCT, 9 CELL	Multiple packs of a flexible, mesh fabric, 3 cell, inner duct with pull string or tape in a duct. The "9X" represents the total number of cells in a duct.	M	$11.30
71	PUSH 14" (360mm) STEEL CASING (FOR 4PVC4" (100mm))	14" (360mm) inside diameter, steel casing, flowable fill, spacers and anything else required to make a complete system.	M	$120.49
72	PUSH 16" (410mm) STEEL CASING (FOR 6PVC4" (100mm))	16" (410mm) inside diameter, steel casing, flowable fill, spacers and anything else required to make a complete system.	M	$178.10

No.	Item	Description	UM	Proposed GSA Price w/ IFF
73	CONCRETE ENCASE 1 EACH 4" (100mm) OR 5" (125mm) (ID) DUCT	1 each 4" (100mm) or 5" (130mm) (ID) duct and anything else required to make a complete system.	M	$10.48
74	CONCRETE ENCASE 2 EACH 4" (100mm) OR 5" (125mm) (ID) DUCTS	2-way 4" (100mm) or 5" (130mm) duct bank and anything else required to make a complete system.	M	$10.79
75	CONCRETE ENCASE 4 EACH 4" (100mm) OR 5" (125mm) (ID) DUCT	4-way 4" (100mm) or 5" (130mm) duct bank and anything else required to make a complete system.	M	$11.00
76	CONCRETE ENCASE 6 EACH 4" (100mm) OR 5" (125mm) (ID) DUCTS	6-way 4" (100mm) or 5" (130mm) duct bank and anything else required to make a complete system.	M	$15.16
77	CONCRETE ENCASE 9 EACH 4" (100mm) OR 5" (125mm) (ID) DUCTS	9-way 4" (100mm) or 5" (130mm) duct bank and anything else required to make a complete system.	M	$31.84
78	CONCRETE ENCASE 12 EACH 4" (100mm)OR 5" (125mm) (ID) DUCTS	12-way 4" (100mm) or 5" (130mm) duct bank and anything else required to make a complete system.	M	$41.65
79	GENERIC COPPER SPLICE CASE	Outside plant copper splice case. The type (UG, DB, or aerial) and capacity (100PR, 400PR, 900PR etc..) shall be determined by reviewing the Project Drawings.	EA	$170.94
	Power Cables and Accessories			
80	AC Electrical CIRCUIT	AC circuit of sufficient capacity to provide power to the network switches. Cable and conduit are provided separately. Reference the Data Design Guide, paragraph 6.9 and 6.10.	EA	$74.17
81	AC Electrical CIRCUIT Cable	AC circuit of sufficient capacity to provide power to the network switches. Circuit breakers and termination connections are provided separately. Reference the Data Design Guide, paragraph 6.9 and 6.10. Core drills are not included.	M	$1.03
82	TELECOMMUNICATIONS MAIN GROUNDING BUSBAR (TMGB)	Copper, predrilled, telecommunications main grounding busbar (TMGB) at least .25 inchs thick and 4 inches wide with variable lengths. The TMGB shall be sized, installed, bonded, and grounded IAW with the ANSI-J-STD-607-A and the NEC.	EA	$210.96

No.	Item	Description	UM	Proposed GSA Price w/ IFF
83	TELECOMMUNICATIONS GROUNDING BUSBAR (TGB)	Copper, predrilled, telecommunications grounding busbar (TGB) at least .25 inchs thick and 2 inches wide with variable lengths. The TGB shall be sized, installed, bonded, and grounded IAW with the ANSI-J-STD-607-A and the NEC.	EA	$126.23
84	TELECOMMUNICATIONS BONDING BACKBONE (6 AWG)	#6 AWG Copper conductor to be used to ground equipment and racks to a telecommunication ground bus (TGB). IAW ANSI-J-STD-607-A and the NEC a #6 AWG copper conductor can also be used as a telecommunications bonding backbone (TBB) conductor of less than 13 feet from a TGB to a TMGB.	M	$1.04
85	TELECOMMUNICATIONS BONDING BACKBONE (4 AWG)	#4 AWG copper conductor to be used as a TBB conductor between a TGB and a TMGB. It can also be used as a grounding equalizer (GE) between TGBs. The distance limitation of this conductor used as a TBB or GE is between 14 to 20 feet. Reference the ANSI-J-STD-607-A and the NEC.	M	$2.03
86	TELECOMMUNICATIONS BONDING BACKBONE (3 AWG)	#3 AWG copper conductor to be used as a TBB conductor between a TGB and a TMGB. It can also be used as a grounding equalizer (GE) between TGBs. The distance limitation of this conductor used as a TBB or GE is between 21 to 26 feet. Reference the ANSI-J-STD-607-A and the NEC.	M	$2.87
87	TELECOMMUNICATIONS BONDING BACKBONE (2 AWG)	#2 AWG copper conductor to be used as a TBB conductor between a TGB and a TMGB. It can also be used as a grounding equalizer (GE) between TGBs. The distance limitation of this conductor used as a TBB or GE is between 27 to 33 feet. Reference the ANSI-J-STD-607-A and the NEC.	M	$2.87
88	TELECOMMUNICATIONS BONDING BACKBONE (1 AWG)	#1 AWG copper conductor to be used as a TBB conductor between a TGB and a TMGB. It can also be used as a grounding equalizer (GE) between TGBs. The distance limitation of this conductor used as a TBB or GE is between 34 to 41 feet. Reference the ANSI-J-STD-607-A and the NEC.	M	$4.11

No.	Item	Description	UM	Proposed GSA Price w/ IFF
89	TELECOMMUNICATIONS BONDING BACKBONE (1/0 AWG)	#1/0 AWG copper conductor to be used as a TBB conductor between a TGB and a TMGB. It can also be used as a grounding equalizer (GE) between TGBs. The distance limitation of this conductor used as a TBB or GE is between 42 to 52 feet. Reference the ANSI-J-STD-607-A and the NEC.	M	$5.64
90	TELECOMMUNICATIONS BONDING BACKBONE (2/0 AWG)	#2/0 AWG copper conductor to be used as a TBB conductor between a TGB and a TMGB. It can also be used as a grounding equalizer (GE) between TGBs. The distance limitation of this conductor used as a TBB or GE is between 53 to 66 feet. Reference the ANSI-J-STD-607-A and the NEC.	M	$5.64
91	TELECOMMUNICATIONS BONDING BACKBONE (3/0 AWG)	#3/0 AWG copper conductor to be used as a TBB conductor between a TGB and a TMGB. It can also be used as a grounding equalizer (GE) between TGBs. The distance limitation of this conductor used as a TBB or GE is greater than 66 feet. Reference the ANSI-J-STD-607-A and the NEC.	M	$5.98
92	GROUND ROD	5/8 inch X 8 foot ground rod.	EA	$39.26
	Panels			
93	12 PORT SM FOPP	Rack or wall mounted 12 strand FOPP and anything else required to prepare the device for use. Includes mounting components, splice trays, FOC connectors, bulkhead connectors and adapter plates.	EA	$254.39
94	24 PORT SM FOPP	Rack or wall mounted 24 strand FOPP and anything else required to prepare the device for use. Includes mounting components, splice trays, FOC connectors, bulkhead connectors and adapter plates.	EA	$406.45

No.	Item	Description	UM	Proposed GSA Price w/ IFF
95	PED FOR UP TO 50 PAIR	Pedestal sized to splice up to a 50 pair cable and anything else required to prepare the device for use. The Pedestal shall be able to accommodate pedestal mounted terminals. Splicing and terminals are called out separately. See OSPPR drawing "Pedestals and Building Entrance Details".	EA	$339.40
96	PED FOR UP TO 400 PAIR	Pedestal sized to splice up to a 400 pair cable and anything else required to prepare the device for use. The Pedestal shall be able to accommodate pedestal mounted terminals. Splicing and terminals are called out separately. See OSPPR drawing "Pedestals and Building Entrance Details".	EA	$1,706.90
97	PED FOR UP TO 3000 PAIR	Pedestal sized to splice up to a 3000 pair cable and anything else required to prepare the device for use. The Pedestal shall be able to accommodate pedestal mounted terminals. Splicing and terminals are called out separately. See OSPPR drawing "Pedestals and Building Entrance Details".	EA	$11,414.43
98	100 PAIR, MAIN DISTRIBUTION FRAME PROTECTED TERMINAL WITH 100' TAIL	100 pair, main distribution frame mounted, protected terminal sutiable for terminating outside plant copper cable, with a 100' (30m), 100 pair tip cable and anything else required to prepare the device for use in a central office environment.	EA	$886.22
99	200 PAIR, MAIN DISTRIBUTION FRAME PROTECTED TERMINAL WITH 100' TAIL	200 pair, main distribution frame mounted, protected terminal sutiable for terminating outside plant copper cable, with a 100' (30m), 200 pair tip cable and anything else required to prepare the device for use in a central office environment.	EA	$1,662.77
100	24 PORT COPPER PATCH PANEL (RJ-45, CAT6)	CAT6 rated, 24 port copper patch panel (COPP) and anything else required to prepare the device for use. The patch panel termination/ports shall be RJ-45 type terminated IAW the T568A wiring scheme.	EA	$177.54

No.	Item	Description	UM	Proposed GSA Price w/ IFF
101	36 PORT COPPER PATCH PANEL (RJ-45, CAT6)	CAT6 rated, 36 port copper patch panel (COPP) and anything else required to prepare the device for use. The patch panel termination/ports shall be RJ-45 type terminated IAW the T568A wiring scheme.	EA	$266.31
102	48 PORT COPPER PATCH PANEL (RJ-45, CAT6)	CAT6 rated, 48 port copper patch panel (COPP) and anything else required to prepare the device for use. The patch panel termination/ports shall be RJ-45 type terminated IAW the T568A wiring scheme.	EA	$358.36
103	72 PORT COPPER PATCH PANEL (RJ-45, CAT6)	CAT6 rated, 72 port copper patch panel (COPP) and anything else required to prepare the device for use. The patch panel termination/ports shall be RJ-45 type terminated IAW the T568A wiring scheme.	EA	$535.32
104	96 PORT COPPER PATCH PANEL (RJ-45, CAT6)	CAT6 rated, 96 port copper patch panel (COPP) and anything else required to prepare the device for use. The patch panel termination/ports shall be RJ-45 type terminated IAW the T568A wiring scheme.	EA	$372.87
105	RJ-45, CAT6, CIRCUIT AND OUTLET (SINGLE DROP)	CAT6 (enhanced) data circuit from a centralized patch panel to a work station outlet. Includes the CAT6 rated, RJ-45 jack, mounting plate at the workstation outlet and the CAT6, plenum rated, 4 twisted pair, data cable from the work station outlet to the centralized patch panel based on an average length of 150' (46m) and anything else required to make a complete circuit.	EA	$87.89
106	RJ-45, CAT6, CIRCUIT AND OUTLET (DOUBLE DROP)	CAT6 (enhanced) data circuit from a centralized patch panel to a work station outlet. Includes the 2-ea CAT6 rated, RJ-45 jacks, mounting plate at the workstation outlet and the CAT6, plenum rated, 4 twisted pair, data cables from the work station outlet to the centralized patch panel based on an average length of 150' (46m), RJ-45 to RJ-11 adapter insert and anything else required to make a complete circuit.	EA	$214.78

No.	Item	Description	UM	Proposed GSA Price w/ IFF
107	5 FOOT (1.5m), RJ-45 TO RJ-45, CAT6 RATED, 4 PAIR, 24AWG, COPPER PATCH CORD	5 foot long (1.5m), RJ-45 to RJ-45, CAT6 rated, 4 pair, 24AWG, copper patch cord between two locations and or components.	EA	$12.13
108	ADDER FOR ADDITIONAL FEET OF COPPER PATCH CABLE	This descriptor is used in conjunction with PATCH RJ-45 5' (1.5m) to account for patch cables longer than the standard 5' (1.5m) length. Add this footage to the standard 5' (1.5m) length to account for the extended length cable. Example: A 12' (3.7m) cable would require the base PATCH RJ-45 5' (1.5m) with a quantity of 1 and an ADDER PC with a quantity of 7. IAW TIA-EIA 568B normally a patch cord should not exceed 16' (4.9m).	M	$1.23
109	5 FOOT (1.5m), RJ-45 TO RJ-45, CAT6 RATED, 4 PAIR, 24AWG, COPPER PATCH CORD	5 foot (1.5m) long, RJ-45 to RJ-45, CAT 6 rated, 4 pair, 24AWG, copper patch cord between two locations and or components. This is for patching to legacy Cat 5 or 5e patch panels.	EA	$6.90
110	5 FOOT (1.5m), RJ-45 TO RJ-45, CAT6 RATED, 4 PAIR, 24AWG, CROSSOVER COPPER PATCH CORD	5 foot (1.5m) long, RJ-45 to RJ-45, CAT 6 rated, Crossover 4 pair, 24AWG, copper patch cord between two locations and or components. Crossover polarity required to interconnect two switches.	EA	$12.63
111	5 FEET (1.5m), SC-SWITCH, DUPLEX, SINGLE MODE FOC PATCH CABLE	5 foot (1.5m) long, duplex, single mode FOC patch cable with SC connector one end and connector to match the proposed switch type on the other end as specified for the proposed switch type.	EA	$56.59
112	5 FEET (1.5m), SC-SWITCH, DUPLEX, MULTIMODE FOC PATCH CABLE	5 foot (1.5m) long, duplex, multimode FOC patch cable with SC connector one end and connector to match the selected switch type on the other end as specified for the project.	EA	$34.37
113	5 FEET, ST-SC, DUPLEX, SINGLE MODE FOC PATCH CABLE	5ft (1.5m) long, duplex, single mode FOC patch cable with ST and SC connectors as specified for the project.	EA	$33.48
114	5 FEET, SC-SC, DUPLEX, SINGLE MODE FOC PATCH CABLE	5ft (1.5m) long, duplex, single mode FOC patch cable with SC connectors on both ends as specified for the project.	EA	$9.20

No.	Item	Description	UM	Proposed GSA Price w/ IFF
115	ADDER FOR ADDITIONAL FEET OF FOC PATCH CABLE	This descriptor is used in conjunction with PATCH STST, PATCH STSC, or PATCH SCSC to account for patch cables longer than the standard 5' length. Add this footage to the standard 5' length to account for the extended length cable.	M	$1.59
116	COMPACT, COMBINED, 24 STRAND FO AND 30 PAIR COPPER TERMINAL	Compact in size terminal capable of terminating 24 FO strands and up to 30 pairs of copper cable. Includes the mounting plate and cover, splicing cassette, pigtails, through connectors, and patching field for up to 24 strands of FO plus a 30 pair LSA connector strip and anything else required to install the terminal. The terminal shall be similar to or better than the Quante VKA 2/FO in size and capacity.	M	$812.36
117	CABLE TRAY	Inside cable wireway and anything else required to make a complete system. The wireway and lid is gray enamel, 16 gauge steel, with knockouts. Hardware includes, but is not limited to, straight sections, elbows (internal, external, "L" and "T" types) vertical bend segments, splice plates, nuts, bolt, washers, threaded rod, and anchors.	EA	$40.51
118	CABLE LADDER	Inside cable ladder and anything else required to make a complete system. The ladder is all welded aluminum construction with I-Beams side rails and structural cross rungs. All edges are rounded to prevent cable insulation damage. The ladder hardware shall include, but is not limited to, straight sections, elbows (internal, external, "L" and "T" types) vertical bend segments, splice plates, nuts, bolts, washers, threaded rod, and anchors.	EA	$26.53
119	INSTALL JUMPER(S) ON BUILDING ENTRANCE TERMINAL(S) OR DISTRIBUTION FRAME(S)	New jumper pair on a main frame or building entrance terminal. Includes removal of an existing jumper on a pair for pair basis.	EA	$0.20
120	CABLE RECORDS FOR COPPER PAIRS AND OR FIBER STRANDS	Cable records identifying each pair/strand and it's origin and termination. Format shall be compatible with the site existing cable records, automated or manual.	EA	$57.15

No.	Item	Description	UM	Proposed GSA Price w/ IFF
	Racks & Cabinets			
121	Protected, wall mountable, LSA PP 30 PR	Protected, wall mountable, LSA panel capable of terminating a minimum of 30 pair. Includes lockable box, LSA mounting frame, LSA modules and protectors, ground wire and mounting hardware. The terminal shall be suitable for indoor or outdoor applications.	EA	$132.01
122	Protected, wall mountable, LSA PP 50 PR	Protected, wall mountable, LSA panel capable of terminating 50 pair. Includes lockable box, LSA mounting frame, LSA modules and protectors, ground wire and mounting hardware. The terminal shall be suitable for indoor or outdoor applications.	EA	$170.36
123	Protected, wall mountable, LSA PP 100 PR	Protected, wall mountable, LSA panel capable of terminating 100 pair. Includes lockable box, LSA mounting frame, LSA modules and protectors, ground wire and mounting hardware.	EA	$197.76
124	Protected, wall mountable, LSA PP 200 PR	Protected, wall mountable, LSA panel capable of terminating 200 pair. Includes lockable box, LSA mounting frame, LSA modules and protectors, ground wire and mounting hardware.	EA	$560.17
125	Protected, wall mountable, LSA PP 400 PR	Protected, wall mountable, LSA panel capable of terminating 400 pair. Includes lockable box, LSA mounting frame, LSA modules and protectors, ground wire and mounting hardware.	EA	$1,553.71
126	Unprotected, wall mountable, LSA PP 20 PR	Unprotected, wall mountable, LSA panel capable of terminating a minimum of 20 pair. Includes lockable box, LSA mounting frame, LSA modules and mounting hardware.	EA	$32.09
127	Unprotected, wall mountable, LSA PP 30 PR	Unprotected, wall mountable, LSA panel capable of terminating a minimum of 30 pair. Includes lockable box, LSA mounting frame, LSA modules and mounting hardware.	EA	$81.04

No.	Item	Description	UM	Proposed GSA Price w/ IFF
128	Unprotected, wall mountable, LSA PP 50 PR	Unprotected, wall mountable, LSA panel capable of terminating 50 pair. Includes lockable box, LSA mounting frame, LSA modules and mounting hardware.	EA	$102.72
129	Unprotected, wall mountable, LSA PP 100 PR	Unprotected, wall mountable, LSA panel capable of terminating 100 pair. Includes lockable box, LSA mounting frame, LSA modules and mounting hardware.	EA	$245.03
130	Unprotected, Rack Mounted, LSA PP 10 PR	Unprotected, rack mountable, LSA panel capable of terminating a minimum of 10 pair. Includes rack mounted frame for a 19" (480mm) wide rack, LSA mounting frame, LSA modules and mounting hardware.	EA	$18.14
131	Unprotected, Rack Mounted, LSA PP 30 PR	Unprotected, rack mountable, LSA panel capable of terminating a minimum of 30 pair. Includes rack mounted frame for a 19" (480mm) wide rack, LSA mounting frame, LSA modules and mounting hardware.	EA	$29.40
132	Unprotected, Rack Mounted, LSA PP 50 PR	Unprotected, rack mountable, LSA panel capable of terminating 50 pair. Includes rack mounted frame for a 19" (480mm) wide rack, LSA mounting frame, LSA modules and mounting hardware.	EA	$37.84
133	Unprotected, Rack Mounted, LSA PP 100 PR	Unprotected, rack mountable, LSA panel capable of terminating 100 pair. Includes rack mounted frame for a 19" (480mm) wide rack, LSA mounting frame, LSA modules and mounting hardware.	EA	$55.90

No.	Item	Description	UM	Proposed GSA Price w/ IFF
134	19" (480mm) EQUIP CABINET 2M HIGH (FLOOR)	One 2 meter x 80 cm x 80 cm (83" x 32" x32") (exterior dimensions) free standing equipment cabinet and associated hardware. The interior dimensions (equipment mounting space) of the cabinet shall be 19" (480mm) wide. The cabinet shall have two front and two back full height adjustable rails (44 rack unit), fully vented front and rear doors (both doors lockable, 16 gauge steel), removable side walls (16 gauge steel), top panel cabinet exhaust fan (535 CFM with finger guards), four casters for easy movement, and retractable stabilizers. Cabinet finish and color shall match existing surroundings. 120VAC, 60Hz power shall be supplied to the exhaust fan. A power strip with 10 AC outlets and surge suppression shall be provided in the rack.	EA	$1,761.93
135	19" (480mm) EQUIP CABINET 1M HIGH (FLOOR)	One 1 meter x 80 cm x 80 cm (40" x 32" x32") (exterior dimensions) free standing equipment cabinet and associated hardware. The interior dimensions (equipment mounting space) of the cabinet shall be 19" (480mm) wide. The cabinet shall have two front and two back full height adjustable rails (44 rack unit), fully vented front and rear doors (both doors lockable, 16 gauge steel), removable side walls (16 gauge steel), top panel cabinet exhaust fan (535 CFM with finger guards), four casters for easy movement, and retractable stabilizers. Cabinet finish and color shall match existing surroundings. 120VAC, 60Hz power shall be supplied to the exhaust fan. A power strip with 10 AC outlets and surge suppression shall be provided in the rack.	EA	$1,634.23

No.	Item	Description	UM	Proposed GSA Price w/ IFF
136	19" (480mm) EQUIP CABINET 1M HIGH (WALL)	One 1 meter x 80 cm x 80 cm (40" x 32" x32") (exterior dimensions) wall mount equipment cabinet and associated hardware. The interior of the cabinet shall have two adjustable front rails (26 rack unit) forming a 19" (480mm) equipment rack. The cabinet shall have a lockable Plexiglas front door, and vented side walls. The wall mount cabinet shall be securely fastened to wall framing members to ensure that it can support all interior equipment. Cabinet finish and color shall match existing surroundings. A power strip with six AC outlets and surge suppression shall be provided in the rack.	EA	$1,531.69
137	19" (480mm) EQUIP CABINET 1.7M HIGH (WALL)	One 1.7 meter x 80 cm x 80 cm (67" x 32" x32") (exterior dimensions) wall mount equipment cabinet and associated hardware. The interior of the cabinet shall have two adjustable front rails (26 rack unit) forming a 19" (480mm) equipment rack. The cabinet shall have a lockable Plexiglas front door, and vented side walls. The wall mount cabinet shall be securely fastened to wall framing members to ensure that it can support all interior equipment. Cabinet finish and color shall match existing surroundings. A power strip with six AC outlets and surge suppression shall be provided in the rack.	EA	$1,766.53
138	LOCKING PULL BOX HARDENED CARRIER DISTRIBUTION SYSTEM 12" (300mm) x 12" (300mm) x 12" (300mm)	12" (300mm) high by 12" (300mm) wide by 12" (300mm) deep pullbox with lockable door and anything else required to make a prepare the device for use. The pullbox shall be made of 3 mm thick (minimal) galvanized sheet steel with a one piece body without any pre-punched holes or opening of any type. The door shall close with complete overlap all around the housing. The box shall be capable of being locked with a US series 5200 lock, 3/8 inches (9.5mm). The door hinges, hinge pins, and hasp flanges shall not be exposed nor visible from the outside. The box shall have 4 each separate wall fastening angles.	EA	$148.15

No.	Item	Description	UM	Proposed GSA Price w/ IFF
139	RIGID METAL CONDUIT (RMT) 2" (50mm) DIA HARDENED CARRIER DISTRIBUTION SYSTEM	2" (50 mm) RMC (Rigid Metal Conduit) conduit and anything else required to make a complete system. The conduit shall be rigid steel conduit, heavy duty, galvanized, with a wall thickness of 3 mm (minimum). Elbows, couplings, nipples and connectors shall be of the same material. All connections shall be permanently sealed completely around all surfaces with colored (not clear epoxy cement, including entries into steel cabinets. There must be visible evidence of epoxy on all joints and connectors. All necessary hardware, connectors, mounting brackets, screws, etc. to make a functionally complete conduit pathway shall be provided.	M	$28.41
140	RIGID METAL CONDUIT (RMT) 4" (100mm) DIA HARDENED CARRIER DISTRIBUTION SYSTEM	4" (100mm) RMC (Rigid Metal Conduit) conduit and anything else required to make a complete system. The conduit shall be rigid steel conduit, heavy duty, galvanized, with a wall thickness of 3 mm (minimum). Elbows, couplings, nipples and connectors shall be of the same material. All connections shall be permanently sealed completely around all surfaces with colored (not clear epoxy cement, including entries into steel cabinets. There must be visible evidence of epoxy on all joints and connectors. All necessary hardware, connectors, mounting brackets, screws, etc. to make a functionally complete conduit pathway shall be provided.	M	$54.05
141	CABLE MANAGEMENT PANELS, 1 RACK UNIT HIGH	Cable/jumper management panel that shall mount in a 19" (480mm) wide rack and take up 1 rack unit (1.75" high) (44mm)	EA	$18.17
142	CABLE MANAGEMENT PANELS, 2 RACK UNITS HIGH	Cable/jumper management panel that shall mount in a 19" (480mm) wide rack and take up 2 rack units (3.50" high) (89mm)	EA	$42.20

No.	Item	Description	UM	Proposed GSA Price w/ IFF
143	SURFACE MOUNT RACEWAY	Low profile, non-adhesive, surface mount raceway and anything else required to make a complete system. The raceway is constructed of rigid PVC compounds that resist impact and corrosion and is colored to blend with the walls or ceilings. Snap-on covers provide easy access.	M	$5.79
144	MDF VERTICALS, 8' (2.4m)	Single, up to 8' (2.4m) high, double sided, vertical of a Distribution Frame and anything else required to install the frame. The frames are a double sided, floor mount configuration. These frames offer the cable and jumper flexibility of a standard office frame in a minimum amount of floor space. Each verticals section is a welded unit. Vertical sections are bolted together to form an MDF or IDF and are equipped with guard rails, end guards, isolation kits, adapter bars.	EA	$4,933.92
145	MDF VERTICALS, 11'6" (3.55m)	Single, 11' 6" (3.55m) high, double sided, vertical of a Distribution Frame and anything else required to install the frame. The frames are a double sided, floor mount configuration. These frames offer the cable and jumper flexibility of a standard office frame in a minimum amount of floor space. Each verticals section is a welded unit. Vertical sections are bolted together to form an MDF or IDF and are equipped with guard rails, end guards, isolation kits, adapter bars and anything else required to make a complete system.	EA	$3,998.02
146	PULLBOX (12"x12"x6") (300 x 300 x 150mm)	NEMA 3R rated, 12" (300mm) high by 12" (300mm) wide by 6" (150mm) deep, pullbox with lockable door and anything else required to make a prepare the device for use.	EA	$47.53
147	PULLBOX (12"x12"x12") (300 x 300 x 300mm)	NEMA 3R rated, 12" (300mm) high by 12" (300mm) wide by 12" (300mm) deep pullbox with lockable door and anything else required to prepare the device for use.	EA	$215.89
148	PULLBOX (24"x24"x12") (600 x 600 x 300mm)	NEMA 3R rated, 24" (600mm) high by 24" (600mm) wide by 12" (300mm) deep pullbox with lockable door and anything else required to prepare the device for use.	EA	$183.81

No.	Item	Description	UM	Proposed GSA Price w/ IFF
	Vaults			
149	MAINTENANCE HOLE, 12'L x 6'W x 7'H (3.7m x 1.8m x 2m), MULTIDIRECTIONAL	12'L x 6'W x 7'H (3.7m x 1.8m x 2m), precast, multidirectional, telecommunications maintenance hole and anything else required to prepare the maintenance hole for use. The maintenance hole shall be equipped with cable racks, cable rack supports, corner rack supports, maintenance hole frames, collars, covers, pull-in irons, ground rod, grounding ribbon, sump, and anything else required to make a complete system. The maintenance hole shall be equipped with duct terminators or windows in both ends to accommodate the duct banks and shall be rated as H-20. See OSPPR drawing "ManholeTypical".	EA	$8,574.09
150	MAINTENANCE HOLE, 12'L x 6'W x 7'H (3.7m x 1.8m x 2m), SPLAYED	12'L x 6'W x 7'H (3.7m x 1.8m x 2m), precast, splayed, telecommunications maintenance hole and anything else required to prepare the maintenance hole for use. The maintenance hole shall be equipped with cable racks, cable rack supports, corner rack supports, maintenance hole frames, collars, covers, pull-in irons, ground rod, grounding ribbon, sump, and anything else required to make a complete system. The maintenance hole shall be equipped with duct terminators or windows in both ends to accommodate the duct banks and rated as H-20. See OSPPR drawing "ManholeTypical".	EA	$8,211.66

No.	Item	Description	UM	Proposed GSA Price w/ IFF
151	MAINTENANCE HOLE, 8'L x 5'W x 7'H (2.4m x 1.5m x 2m), INLINE	8'L x 5'W x 7'H (2.4m x 1.5m x 2m), precast, inline, telecommunications maintenance hole and anything else required to prepare the maintenance hole for use. The maintenance hole shall be equipped with cable racks, cable rack supports, corner rack supports, maintenance hole frames, collars, covers, pull-in irons, ground rod, grounding ribbon, sump, and anything else required to make a complete system. The maintenance hole shall be equipped with duct terminators or windows in both ends to accommodate the duct banks and rated as H-20. See OSPPR drawing "ManholeTypical".	EA	$6,875.77
152	MAINTENANCE HOLE, 8'L x 5'W x 7'H (2.4m x 1.5m x 2m), MULTIDIRECTIONAL	8'L x 5'W x 7'H (2.4m x 1.5m x 2m), precast, multidirectional, telecommunications maintenance hole and anything else required to prepare the maintenance hole for use. The maintenance hole shall be equipped with cable racks, cable rack supports, corner rack supports, maintenance hole frames, collars, covers, pull-in irons, ground rod, grounding ribbon, sump, and anything else required to make a complete system. The maintenance hole shall be equipped with duct terminators or windows in both ends to accommodate the duct banks and rated as H-20. See OSPPR drawing "ManholeTypical".	EA	$7,153.56
153	HANDHOLE, 4'L x 4'W x 4'H (1.2m x 1.2m x 1.2m)	4'L x 4'W x 4'H (1.2m x 1.2m x 1.2m), precast, multidirectional, telecommunications handhole capable to support vehicular traffic and anything else required to prepare the handhole for use. The handholes shall be equipped with cable racks, cable rack supports, handhole frames, collars, covers, pull-in irons, ground rod, grounding ribbon, and anything else required to make a complete system and rated as H-20. The handhole shall be equipped with duct terminators or windows in 4 sides to accommodate the duct banks.	EA	$3,221.22

No.	Item	Description	UM	Proposed GSA Price w/ IFF
154	HANDHOLE, 6'L x 4'W x 4'H (1.8m x 1.2m x 1.2m)	6'L x 4'W x 4'H (1.8m x 1.2m x 1.2m), precast, multidirectional, telecommunications handhole capable to support vehicular traffic and anything else required to prepare the handhole for use. The handholes shall be equipped with cable racks, cable rack supports, handhole frames, collars, covers, pull-in irons, ground rod, grounding ribbon, and anything else required to make a complete system and rated as H-20. The handhole shall be equipped with duct terminators or windows in 4 sides to accommodate the duct banks.	EA	$3,454.64
155	LOCKING MAINTENANCE HOLE COVER	Lockable maintenance hole lid and anything else required to make a complete system. The lid shall be capable of being secured with a GSA approved changeable combination lock such as the one listed under the Federal Stock Number as NSN 5340-00-285-6523, Padlock, Changeable combination, Type DE or equivalent.	EA	$778.76
	FO Cables			
156	6 ST, SM, HG - I	Furnish and test a 6 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for an underground duct. This includes preparing the ends to be spliced or terminated. Splicing, terminating, and support structures are not included.	M	$1.52
157	12 ST, SM, HG - I	Furnish and test a 12 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for underground duct. This includes preparing the ends to be spliced or terminated. Splicing, terminating, and support structures are not included.	M	$1.63

No.	Item	Description	UM	Proposed GSA Price w/ IFF
158	24 ST, SM, HG - I	Furnish and test a 24 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for an underground duct. This includes preparing the ends to be spliced or terminated. Splicing, terminating, and support structures are not included.	M	$1.91
159	36 ST, SM, HG - I	Furnish and test a 36 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for underground duct. This includes preparing the ends to be spliced or terminated. Splicing, terminating, and support structures are not included.	M	$2.06
160	48 ST, SM, HG - I	Furnish and test a 48 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for an underground duct. This includes preparing the ends to be spliced or terminated. Splicing, terminating, and support structures are not included.	M	$2.25
161	72 ST, SM, HG - I	Furnish and test a 72 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for an underground duct. This includes preparing the ends to be spliced or terminated. Splicing, terminating, and support structures are not included.	M	$2.72
162	96 ST, SM, HG - I	Furnish and test a 96 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for an underground duct. This includes preparing the ends to be spliced or terminated. Splicing, terminating, and support structures are not included.	M	$3.03
163	120 ST, SM, HG - I	Furnish and test a 120 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for an underground duct. This includes preparing the ends to be spliced or terminated. Splicing, terminating, and support structures are not included.	M	$3.40

No.	Item	Description	UM	Proposed GSA Price w/ IFF
164	144 ST, SM, HG - I	Furnish and test a 144 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for an underground duct. This includes preparing the ends to be spliced or terminated. Splicing, terminating, and support structures are not included.	M	$3.75
165	192 ST, SM, HG - I	Furnish and test a 192 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for an underground duct. This includes preparing the ends to be spliced or terminated. Splicing, terminating, and support structures are not included.	M	$4.76
166	240 ST, SM, HG - I	Furnish and test a 240 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for an underground duct. This includes preparing the ends to be spliced or terminated. Splicing, terminating, and support structures are not included.	M	$5.61
167	288 ST, SM, HG - I	Furnish and test a 288 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for an underground duct. This includes preparing the ends to be spliced or terminated. Splicing, terminating, and support structures are not included.	M	$6.50
168	12 ST, SM, HG, IN/OUT - I	Furnish and test a 12 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for indoor and outdoor. This includes preparing the ends to be spliced or terminated. Splicing, terminating, and support structures (conduits, trays, ladders, etc) are not included. Miscellaneous items such as J hooks, D rings and ty wraps are included.	M	$1.71

No.	Item	Description	UM	Proposed GSA Price w/ IFF
169	24 ST, SM, HG, IN/OUT - I	Furnish and test a 24 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for indoor and outdoor. This includes preparing the ends to be spliced or terminated. Splicing, terminating, and support structures (conduits, trays, ladders, etc) are not included. Miscellaneous items such as J hooks, D rings and ty wraps are included.	M	$1.85
170	36 ST, SM, HG, IN/OUT - I	Furnish and test a 36 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for indoor and outdoor. This includes preparing the ends to be spliced or terminated. Splicing, terminating, and support structures (conduits, trays, ladders, etc) are not included. Miscellaneous items such as J hooks, D rings and ty wraps are included.	M	$3.51
171	48 ST, SM, HG, IN/OUT - I	Furnish and test a 48 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for indoor and outdoor. This includes preparing the ends to be spliced or terminated. Splicing, terminating, and support structures (conduits, trays, ladders, etc) are not included. Miscellaneous items such as J hooks, D rings and ty wraps are included.	M	$4.85
172	72 ST, SM, HG, IN/OUT - I	Furnish and test a 72 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for indoor and outdoor. This includes preparing the ends to be spliced or terminated. Splicing, terminating, and support structures (conduits, trays, ladders, etc) are not included. Miscellaneous items such as J hooks, D rings and ty wraps are included.	M	$4.86

No.	Item	Description	UM	Proposed GSA Price w/ IFF
173	96 ST, SM, HG, IN/OUT - I	Furnish and test a 96 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for indoor and outdoor. This includes preparing the ends to be spliced or terminated. Splicing, terminating, and support structures (conduits, trays, ladders, etc) are not included. Miscellaneous items such as J hooks, D rings and ty wraps are included.	M	$3.97
174	120 ST, SM, HG, IN/OUT - I	Furnish and test a 120 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for indoor and outdoor. This includes preparing the ends to be spliced or terminated. Splicing, terminating, and support structures (conduits, trays, ladders, etc) are not included. Miscellaneous items such as J hooks, D rings and ty wraps are included.	M	$4.30
175	144 ST, SM, HG, IN/OUT - I	Furnish and test a 144 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for indoor and outdoor. This includes preparing the ends to be spliced or terminated. Splicing, terminating, and support structures (conduits, trays, ladders, etc) are not included. Miscellaneous items such as J hooks, D rings and ty wraps are included.	M	$4.83
176	156 ST, SM, HG, IN/OUT - I	Furnish and test a 156 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for indoor and outdoor. This includes preparing the ends to be spliced or terminated. Splicing, terminating, and support structures (conduits, trays, ladders, etc) are not included. Miscellaneous items such as J hooks, D rings and ty wraps are included.	M	$5.15

No.	Item	Description	UM	Proposed GSA Price w/ IFF
177	192 ST, SM, HG, IN/OUT - I	Furnish and test a 192 fiber, high grade, single mode, fiber optic cable with dielectric strength members rated for indoor and outdoor. This includes preparing the ends to be spliced or terminated. Splicing, terminating, and support structures (conduits, trays, ladders, etc) are not included. Miscellaneous items such as J hooks, D rings and ty wraps are included.	M	$4.40
178	12 ST SM, HG, RISER - I	Furnish and test a 12 fiber, high grade, single mode, riser rated, fiber optic cable with dielectric strength members. This includes placing the cable in EMT, raceway, cable ladders, cable trays, or J - hooks (or a combination thereof) in a building and preparing the ends to be spliced or terminated. Splicing, termination, and pathway structures (EMT, raceway, etc.) are not included.	M	$3.42
179	24 ST SM, HG, RISER - I	Furnish and test a 24 fiber, high grade, single mode, riser rated, fiber optic cable with dielectric strength members. This includes placing the cable in EMT, raceway, cable ladders, cable trays, or J - hooks (or a combination thereof) in a building and preparing the ends to be spliced or terminated. Splicing, termination, and pathway structures (EMT, raceway, etc.) are not included.	M	$4.05
180	36 ST SM, HG, RISER - I	Furnish and test a 36 fiber, high grade, single mode, riser rated, fiber optic cable with dielectric strength members. This includes placing the cable in EMT, raceway, cable ladders, cable trays, or J - hooks (or a combination thereof) in a building and preparing the ends to be spliced or terminated. Splicing, termination, and pathway structures (EMT, raceway, etc.) are not included.	M	$5.26
181	FIBER PEDESTAL FOR UP TO 12SM STRANDS - I	Furnish a 12 strand FOC pedestal and anything else required to prepare the device for use.	EA	$485.94
182	FIBER PEDESTAL FOR UP TO 24SM STRANDS - I	Furnish a 24 strand FOC pedestal and anything else required to prepare the device for use.	EA	$575.48

No.	Item	Description	UM	Proposed GSA Price w/ IFF
183	SPLICE FIBER STRAND - I	Furnish all materials and actions required to fusion splice a strand of single mode fiber optic cable with .25 db of loss or less. Furnish includes the splice case, splice trays, cable tags, and anything else required to splice the cable. Does not include the case.	EA	$11.32
184	CLEAR AND CAP FIBER STRAND - I	The contractor shall perform all actions required and provide all materials required to clear and cap a fiber strand per Industry Standards.	EA	$7.56
185	GENERIC FIBER SPLICE CASE - I	Furnish an outside plant fiber splice case. The type (UG, DB, or aerial) and capacity (48ST, 144ST, etc.) shall be determined by reviewing the Project Drawings.	EA	$257.20
	Copper Cables			
186	6 PR .6 MM GERMAN/24-ga. US SPEC CABLE IN DUCT - I	Furnish and test a new, German spec, 6 pair, (0.6mm) wire diameter, filled, copper cable rated for an underground conduit system. This includes preparing the ends to be spliced or terminated. Splicing and terminating is not included.	M	$1.26
187	10 PR .6 MM GERMAN/24-ga. US SPEC CABLE IN DUCT - I	Furnish and test a new, German spec, 10 pair, (0.6mm) wire diameter, filled, copper cable rated for an underground conduit system. This includes preparing the ends to be spliced or terminated. Splicing and terminating is not included.	M	$1.33
188	30 PR .6 MM GERMAN/24-ga. US SPEC CABLE IN DUCT - I	Furnish and test a new, German spec, 30 pair, (0.6mm) wire diameter, filled, copper cable rated for an underground conduit system. This includes preparing the ends to be spliced or terminated. Splicing and terminating is not included.	M	$1.60
189	50 PR .6 MM GERMAN/24-ga. US SPEC CABLE IN DUCT - I	Furnish and test a new, German spec, 50 pair, (0.6mm) wire diameter, filled, copper cable rated for an underground conduit system. This includes preparing the ends to be spliced or terminated. Splicing and terminating is not included.	M	$1.79

No.	Item	Description	UM	Proposed GSA Price w/ IFF
190	100 PR .6 MM GERMAN/24-ga. US SPEC CABLE IN DUCT - I	Furnish and test a new, German spec, 100 pair, (0.6mm) wire diameter, filled, copper cable rated for an underground conduit system. This includes preparing the ends to be spliced or terminated. Splicing and terminating is not included.	M	$2.53
191	150 PR .6 MM GERMAN/24-ga. US SPEC CABLE IN DUCT - I	Furnish and test a new, German spec, 150 pair, (0.6mm) wire diameter, filled, copper cable rated for an underground conduit system. This includes preparing the ends to be spliced or terminated. Splicing and terminating is not included.	M	$2.95
192	200 PR .6 MM GERMAN/24-ga. US SPEC CABLE IN DUCT - I	Furnish and test a new, German spec, 200 pair, (0.6mm) wire diameter, filled, copper cable rated for an underground conduit system. This includes preparing the ends to be spliced or terminated. Splicing and terminating is not included.	M	$2.97
193	300 PR .6 MM GERMAN/24-ga. US SPEC CABLE IN DUCT - I	Furnish and test a new, German spec, 300 pair, (0.6mm) wire diameter, filled, copper cable rated for an underground conduit system. This includes preparing the ends to be spliced or terminated. Splicing and terminating is not included.	M	$3.91
194	500 PR .6 MM GERMAN/24-ga. US SPEC CABLE IN DUCT - I	Furnish and test a new, German spec, 500 pair, (0.6mm) wire diameter, filled, copper cable rated for an underground conduit system. This includes preparing the ends to be spliced or terminated. Splicing and terminating is not included.	M	$5.92
195	600 PR .6 MM GERMAN/24-ga. US SPEC CABLE IN DUCT - I	Furnish and test a new, German spec, 600 pair, (0.6mm) wire diameter, filled, copper cable rated for an underground conduit system. This includes preparing the ends to be spliced or terminated. Splicing and terminating is not included.	M	$6.25
196	800 PR .6 MM GERMAN/24-ga. US SPEC CABLE IN DUCT - I	Furnish and test a new, German spec, 800 pair, (0.6mm) wire diameter, filled, copper cable rated for an underground conduit system. This includes preparing the ends to be spliced or terminated. Splicing and terminating is not included.	M	$8.14

No.	Item	Description	UM	Proposed GSA Price w/ IFF
197	30 PAIR, .6MM, GERMAN/24-ga. US SPEC, INDOOR RATED, COPPER CABLE - I	Furnish and test a new, German spec, 30 pair, (0.6mm) wire diameter, copper cable rated for indoor use. Includes the cable in EMT, cable tray, raceway, cable ladders, and surface mount (using J hooks, D rings, or cable clamps). The pathway structures such as EMT, cable tray, and raceway, are not included. Termination is not included.	M	$1.53
198	50 PAIR, .6MM, GERMAN/24-ga. US SPEC, INDOOR RATED, COPPER CABLE - I	Furnish and test a new, German spec, 50 pair, (0.6mm) wire diameter, copper cable rated for indoor use. Includes the cable in EMT, cable tray, raceway, cable ladders, and surface mount (using J hooks, D rings, or cable clamps). The pathway structures such as EMT, cable tray, and raceway, are not included. Termination is not included.	M	$1.91
199	100 PAIR, .6MM, GERMAN/24-ga. US SPEC, INDOOR RATED, COPPER CABLE - I	Furnish and test a new, German spec, 100 pair, (0.6mm) wire diameter, copper cable rated for indoor use. Includes the cable in EMT, cable tray, raceway, cable ladders, and surface mount (using J hooks, D rings, or cable clamps). The pathway structures such as EMT, cable tray, and raceway, are not included. Termination is not included.	M	$2.46
200	150 PAIR, .6MM, GERMAN/24-ga. US SPEC, INDOOR RATED, COPPER CABLE - I	Furnish and test a new, German spec, 150 pair, (0.6mm) wire diameter, copper cable rated for indoor use. Includes the cable in EMT, cable tray, raceway, cable ladders, and surface mount (using J hooks, D rings, or cable clamps). The pathway structures such as EMT, cable tray, and raceway, are not included. Termination is not included.	M	$3.05
201	200 PAIR, .6MM, GERMAN/24-ga. US SPEC, INDOOR RATED, COPPER CABLE - I	Furnish and test a new, German spec, 200 pair, (0.6mm) wire diameter, copper cable rated for indoor use. Includes the cable in EMT, cable tray, raceway, cable ladders, and surface mount (using J hooks, D rings, or cable clamps). The pathway structures such as EMT, cable tray, and raceway, are not included. Termination is not included.	M	$2.98

No.	Item	Description	UM	Proposed GSA Price w/ IFF
	Conduits & Ducts			
202	EMT (2" DIA.) (50mm DIA.) - I	Furnish a 2" (50mm) EMT conduit and anything else required to make a complete system. All necessary hardware, connectors, pullboxes and screws to make a functionally complete and industry standard EMT conduit pathway shall be provided. The metallic conduit shall be grounded per J-STD-607-A and the NEC.	M	$15.00
203	EMT (3" DIA.) (75mm DIA.) - I	Furnish a 3" (75mm) EMT conduit and anything else required to make a complete system. All necessary hardware, connectors, pullboxes and screws to make a functionally complete and industry standard EMT conduit pathway shall be provided. The metallic conduit shall be grounded per J-STD-607-A and the NEC.	M	$55.34
204	1PVC4" (100mm) - I	Furnish 1 each, 4" (100mm) inside diameter, PVC, type C, D, or DB (as defined by BICSI), telecommunications duct and anything else required to make a complete system. Hardware includes spacers, connectors, sweeps, slip joints, adhesives, clean backfill, pull string, warning tape, and plugs. The ducts shall have at least 24" (610mm) of cover above the top duct.	M	$24.15
205	2PVC4" (100mm) - I	Furnish 2 each, 4" (100mm) inside diameter, PVC, type C, D, or DB (as defined by BICSI), telecommunications duct rated and associated hardware/materials. Hardware includes spacers, connectors, sweeps, slip joints, adhesives, clean backfill, pull string, warning tape, and plugs. The ducts shall have at least 24" (610mm) of cover above the top duct.	M	$29.50

No.	Item	Description	UM	Proposed GSA Price w/ IFF
206	4PVC4" (100mm) - I	Furnish 4 each, 4" (100mm) inside diameter, PVC, type C, D, or DB (as defined by BICSI), telecommunications duct rated and associated hardware/materials. Hardware includes spacers, connectors, sweeps, slip joints, adhesives, clean backfill, pull string, warning tape, and plugs. The ducts shall have at least 24" (610mm) of cover above the top duct.	M	$43.47
207	8PVC4" (100mm) - I	Furnish 8 each, 4" (100mm) inside diameter, PVC, type C, D, or DB (as defined by BICSI), telecommunications duct rated and associated hardware/materials. Hardware includes spacers, connectors, sweeps, slip joints, adhesives, clean backfill, pull string, warning tape, and plugs. The ducts shall have at least 24" (610mm) of cover above the top duct.	M	$53.10
208	10PVC4" (100mm) - I	Furnish 10 each, 4" (100mm) inside diameter, PVC, type C, D, or DB (as defined by BICSI), telecommunications duct rated and associated hardware/materials. Hardware includes spacers, connectors, sweeps, slip joints, adhesives, clean backfill, pull string, warning tape, and plugs. The ducts shall have at least 24" (610mm) of cover above the top duct.	M	$59.32
209	1PVC5" (125mm) - I	Furnish 1 each, 5" (125mm) inside diameter, PVC type C, D, or DB (as defined by BICSI), telecommunications duct and anything else required to make a complete system. Hardware includes spacers, connectors, sweeps, slip joints, adhesives, pull string, warning tape, and plugs. The ducts shall have at least 24" (610mm) of cover above the top duct.	M	$39.98

No.	Item	Description	UM	Proposed GSA Price w/ IFF
210	2PVC5" (125 mm) - I	Furnish 2 each, 5" (125mm) inside diameter, PVC type C, D, or DB (as defined by BICSI), telecommunications duct rated and associated hardware/materials. Hardware includes spacers, connectors, sweeps, slip joints, adhesives, pull string, warning tape, and plugs. One of the ducts shall be divided into at least 4 individual cells or sub-ducts. The ducts shall have at least 24" (610mm) of cover above the top duct.	M	$19.48
211	4PVC5" (125 mm) - I	Furnish 4 each, 5" (125mm) inside diameter, PVC type C, D, or DB (as defined by BICSI), telecommunications duct rated and associated hardware/materials. Hardware includes spacers, connectors, sweeps, slip joints, adhesives, pull string, warning tape, and plugs. One of the ducts shall be divided into at least 4 individual cells or sub-ducts. The ducts shall have at least 24" (610mm) of cover above the top duct.	M	$27.51
212	6PVC5" (125 mm) - I	Furnish 6 each, 5" (125mm) inside diameter, PVC type C, D, or DB (as defined by BICSI), telecommunications duct rated and associated hardware/materials. Hardware includes spacers, connectors, sweeps, slip joints, adhesives, pull string, warning tape, and plugs. One of the ducts shall be divided into at least 4 individual cells or sub-ducts. The ducts shall have at least 24" (610mm) of cover above the top duct.	M	$36.08
213	9PVC5" (125 mm) - I	Furnish 9 each, 5" (125mm) inside diameter, PVC type C, D, or DB (as defined by BICSI), telecommunications duct rated and associated hardware/materials. Hardware includes spacers, connectors, sweeps, slip joints, adhesives, pull string, warning tape, and plugs. At least one of the ducts shall be divided into at least 4 individual cells or sub-ducts. The ducts shall have at least 24" (610mm) of cover above the top duct.	M	$54.56

No.	Item	Description	UM	Proposed GSA Price w/ IFF
214	12PVC5" (125 mm) - I	Furnish 12 each, 5" (125mm) inside diameter, PVC type C, D, or DB (as defined by BICSI), telecommunications duct rated and associated hardware/materials. Hardware includes spacers, connectors, sweeps, slip joints, adhesives, pull string, warning tape, and plugs. At least one of the ducts shall be divided into at least 4 individual cells or sub-ducts. The ducts shall have at least 24" (610mm) of cover above the top duct.	M	$75.36
215	1GSP4" (100mm) - I	Furnish one each 4" (100mm) galvanized steel pipe and anything else required to make a complete system. Hardware includes connectors, adapters, slip joints and mounting hardware.	M	$22.96
216	2GSP5" (125mm) - I	Furnish two each 5" (125mm) galvanized steel pipe and anything else required to make a complete system. Hardware includes connectors, adapters and slip joints.	M	$35.19
217	1PVC5" (125mm)(UV) - I	Furnish one 5" (125mm) PVC pipe and anything else required to make a complete system. Hardware includes connectors, adapters and slip joints.	M	$13.37
218	BORE 1HDPE5" (125mm) - I	Furnish one 5" (125mm) inside diameter, telecommunications duct (High Density Polyethylene ducts) and anything else required to make a complete system.	M	$67.05
219	BORE 2HDPE5" (125mm) - I	Furnish 2 each, 5" (125mm) inside diameter, telecommunications ducts (High Density Polyethylene ducts) and anything else required to make a complete system.	M	$127.22
220	BORE 4HDPE5" (125mm) - I	Furnish 4 each, 5" (125mm) inside diameter, telecommunications ducts (High Density Polyethylene ducts) and anything else required to make a complete system.	M	$207.34
221	UNDER GROUND BUILDING ENTRANCE (2PVC4" (100mm) DUCT BANK) - I	Furnish one outside plant underground (UG) building entrance for a 2 way, 4" (100mm) diameter, schedule 40, PVC conduit duct bank.	EA	$838.08
222	UNDER GROUND BUILDING ENTRANCE 2PVC5" (125mm) DUCT BANK - I	Furnish an outside plant, underground, building entrance for a 2 way, 5" (125mm) inside diameter, PVC conduit duct bank.	EA	$654.16

No.	Item	Description	UM	Proposed GSA Price w/ IFF
223	ROD AND MANDREL DUCT - I	Furnish a pull string in an existing duct. Uses a rod and mandrel to clean the duct and place the pull string.	M	$4.94
224	UNDER GROUND BUILDING ENTRANCE HARDENED CARRIER SYSTEM (1GSP4" (100mm) DUCT BANK) - I	Furnish an outside plant, underground, building entrance for a 4" (100mm) inside diameter, hardened carrier GSP.	EA	$977.03
225	FABRIC MESH INNERDUCT, 3 CELL - I	Furnish a flexible, mesh fabric, 3 cell, inner duct with pull string or tape in a duct. The "3X" represents the total number of cells in a duct.	M	$3.25
226	FABRIC MESH INNERDUCT, 6 CELL - I	Furnish multiple packs of a flexible, mesh fabric, 3 cell, inner duct with pull string or tape in a duct. The "6X" represents the total number of cells in a duct.	M	$6.05
227	FABRIC MESH INNERDUCT, 9 CELL - I	Furnish multiple packs of a flexible, mesh fabric, 3 cell, inner duct with pull string or tape in a duct. The "9X" represents the total number of cells in a duct.	M	$9.24
228	PUSH 14" (360mm) STEEL CASING (FOR 4PVC4" (100mm)) - I	Furnish a 14" (360mm) inside diameter, steel casing, flowable fill, spacers and anything else required to make a complete system.	M	$325.76
229	PUSH 16" (410mm) STEEL CASING (FOR 6PVC4" (100mm)) - I	Furnish a 16" (410mm) inside diameter, steel casing, flowable fill, spacers and anything else required to make a complete system.	M	$303.25
230	CONCRETE ENCASE 1 EACH 4" (100mm) OR 5" (125mm) (ID) DUCT - I	Furnish concrete mix around a 1 each 4" (100mm) or 5" (130mm) (ID) duct. The duct is not supplied, it is called out seperately.	M	$8.57
231	CONCRETE ENCASE 2 EACH 4" (100mm) OR 5" (125mm) (ID) DUCTS - I	Furnish concrete mix around a 2-way 4" (100mm) or 5" (130mm) duct bank. The duct is not supplied, it is called out seperately.	M	$8.83
232	CONCRETE ENCASE 4 EACH 4" (100mm) OR 5" (125mm) (ID) DUCT - I	Furnish concrete mix around a 4-way 4" (100mm) or 5" (130mm) duct bank. The duct is not supplied, it is called out seperately.	M	$9.00
233	CONCRETE ENCASE 6 EACH 4" (100mm) OR 5" (125mm) (ID) DUCTS - I	Furnish concrete mix around a 6-way 4" (100mm) or 5" (130mm) duct bank. The duct is not supplied, it is called out seperately.	M	$10.98
234	CONCRETE ENCASE 9 EACH 4" (100mm) OR 5" (125mm) (ID) DUCTS - I	Furnish concrete mix around a 9-way 4" (100mm) or 5" (130mm) duct bank. The duct is not supplied, it is called out seperately.	M	$17.14

No.	Item	Description	UM	Proposed GSA Price w/ IFF
235	CONCRETE ENCASE 12 EACH 4" (100mm)OR 5" (125mm) (ID) DUCTS - I	Furnish concrete mix around a 12-way 4" (100mm) or 5" (130mm) duct bank. The duct is not supplied, it is called out seperately.	M	$20.51
236	GENERIC COPPER SPLICE CASE - I	Furnish outside plant copper splice case. The type (UG, DB, or aerial) and capacity (100PR, 400PR, 900PR etc.) shall be determined by reviewing the Project Drawings.	EA	$113.96
237	SPLICE COPPER PAIR - I	Furnish all materials required to splice a copper cable pair. This action is called out on a per pair basis. 25 pair splice modules shall be used for cables with more than 100 pairs. Single pair splice modules are acceptable for 100 pair cables and smaller. Includes the splice modules and all materials. Does not include the splice case.	EA	$0.76
238	CLEAR AND CAP COPPER PAIR - I	The contractor shall provide all materials required to clear and cap a copper pair per Industry Standards.	EA	$0.95
	Power Cables and Accessories			
239	AC Electrical CIRCUIT - I	Furnish a dedicated AC circuit of sufficient capacity to provide power to the network switches. Includes the circuit breaker, termination connection, power distribution and surge protection. Cable and conduit are provided separately. Reference the Data Design Guide, paragraph 6.9 and 6.10.	EA	$20.92
240	AC Electrical CIRCUIT Cable - I	Furnish a dedicated AC circuit of sufficient capacity to provide power to the network switches. Iincludes the electrical cable, conduit and conduit connectors. Circuit breakers and termination connections are provided separately. Reference the Data Design Guide, paragraph 6.9 and 6.10.	M	$5.42
241	TELECOMMUNICATIONS MAIN GROUNDING BUSBAR (TMGB) - I	Furnish a copper, predrilled, telecommunications main grounding busbar (TMGB) at least .25 inchs thick and 4 inches wide with variable lengths. The TMGB shall be sized IAW with the ANSI-J-STD-607-A and the NEC.	EA	$113.60

No.	Item	Description	UM	Proposed GSA Price w/ IFF
242	TELECOMMUNICATIONS GROUNDING BUSBAR (TGB) - I	Furnish a copper, predrilled, telecommunications grounding busbar (TGB) at least .25 inchs thick and 2 inches wide with variable lengths. The TGB shall be sized IAW with the ANSI-J-STD-607-A and the NEC.	EA	$42.08
243	TELECOMMUNICATIONS BONDING BACKBONE (6 AWG) - I	Furnish a #6 AWG Copper conductor to be used to ground equipment and racks to a telecommunication ground bus (TGB). IAW ANSI-J-STD-607-A and the NEC, a #6 AWG copper conductor can also be used as a telecommunications bonding backbone (TBB) conductor	M	$4.15
244	TELECOMMUNICATIONS BONDING BACKBONE (4 AWG) - I	Furnish a #4 AWG copper conductor to be used as a TBB conductor between a TGB and a TMGB. It can also be used as a grounding equalizer (GE) between TGBs. Reference the ANSI-J-STD-607-A and the NEC.	M	$4.74
245	TELECOMMUNICATIONS BONDING BACKBONE (3 AWG) - I	Furnish a #3 AWG copper conductor to be used as a TBB conductor between a TGB and a TMGB. It can also be used as a grounding equalizer (GE) between TGBs. Reference the ANSI-J-STD-607-A and the NEC.	M	$5.82
246	TELECOMMUNICATIONS BONDING BACKBONE (2 AWG) - I	Furnish a #2 AWG copper conductor to be used as a TBB conductor between a TGB and a TMGB. It can also be used as a grounding equalizer (GE) between TGBs. Reference the ANSI-J-STD-607-A and the NEC.	M	$5.82
247	TELECOMMUNICATIONS BONDING BACKBONE (1 AWG) - I	Furnish a #1 AWG copper conductor to be used as a TBB conductor between a TGB and a TMGB. It can also be used as a grounding equalizer (GE) between TGBs. Reference the ANSI-J-STD-607-A and the NEC.	M	$6.42
248	TELECOMMUNICATIONS BONDING BACKBONE (1/0 AWG) - I	Furnish a #1/0 AWG copper conductor to be used as a TBB conductor between a TGB and a TMGB. It can also be used as a grounding equalizer (GE) between TGBs. Reference the ANSI-J-STD-607-A and the NEC.	M	$8.11

No.	Item	Description	UM	Proposed GSA Price w/ IFF
249	TELECOMMUNICATIONS BONDING BACKBONE (2/0 AWG) - I	Furnish a #2/0 AWG copper conductor to be used as a TBB conductor between a TGB and a TMGB. It can also be used as a grounding equalizer (GE) between TGBs. Reference the ANSI-J-STD-607-A and the NEC.	M	$8.11
250	TELECOMMUNICATIONS BONDING BACKBONE (3/0 AWG) - I	Furnish a #3/0 AWG copper conductor to be used as a TBB conductor between a TGB and a TMGB. It can also be used as a grounding equalizer (GE) between TGBs. Reference the ANSI-J-STD-607-A and the NEC.	M	$7.93
251	GROUND ROD - I	Furnish a 5/8 inch by 8 foot ground rod.	EA	$52.05
	Panels			
252	12 PORT SM FOPP - I	Furnish a rack or wall mounted 12 strand FOPP. Includes required mounting components, splice trays, FOC connectors, bulkhead connectors and adapter plates.	EA	$275.58
253	24 PORT SM FOPP - I	Furnish a rack or wall mounted 24 strand FOPP. Includes required mounting components, splice trays, FOC connectors, bulkhead connectors and adapter plates.	EA	$496.77
254	PED FOR UP TO 50 PAIR - I	Furnish a pedestal sized to splice up to a 50 pair cable. Includes the pedestal, mounting stake or pole. The Pedestal shall be able to accommodate pedestal mounted terminals. Splicing and terminals are called out separately. See OSPPR drawing "Pedestals and Building Entrance Details".	EA	$145.46
255	PED FOR UP TO 400 PAIR - I	Furnish a pedestal sized to splice up to a 400 pair cable. Includes the pedestal, mounting stake or pole. The Pedestal shall be able to accommodate pedestal mounted terminals. Splicing and terminals are called out separately. See OSPPR drawing "Pedestals and Building Entrance Details".	EA	$1,137.93

No.	Item	Description	UM	Proposed GSA Price w/ IFF
256	PED FOR UP TO 3000 PAIR - I	Furnish a pedestal sized to splice up to a 3000 pair cable. Includes the pedestal, mounting stake or pole. The Pedestal shall be able to accommodate pedestal mounted terminals. Splicing and terminals are called out separately. See OSPPR drawing "Pedestals and Building Entrance Details".	EA	$8,610.88
257	100 PAIR, MAIN DISTRIBUTION FRAME PROTECTED TERMINAL WITH 100' TAIL - I	Furnish and terminate a 100 pair, main distribution frame mounted, protected terminal sutiable for terminating outside plant copper cable, with a 100' (30m), 100 pair tip cable for use in a central office environment. Includes a fully equipped terminal with protector modules, frame adapters and mounting hardware. Includes the terminal, protector modules and adapters on a distribution frame.	EA	$120.85
258	200 PAIR, MAIN DISTRIBUTION FRAME PROTECTED TERMINAL WITH 100' TAIL - I	Furnish and terminate a 200 pair, main distribution frame mounted, protected terminal sutiable for terminating outside plant copper cable, with a 100' (30m), 200 pair tip cable for use in a central office environment. Includes a fully equipped terminal with protector modules, frame adapters and mounting hardware. Includes the terminal, protector modules and adapters on a distribution frame.	EA	$226.74
259	24 PORT COPPER PATCH PANEL (RJ-45, CAT6)	Furnish a rack or wall mounted, CAT6 rated, 24 port copper patch panel (COPP). Includes all required components to make a complete and functional 24 port copper patch panel. The patch panel termination/ports shall be RJ-45 type terminated IAW the T568A wiring scheme.	EA	$208.42
260	36 PORT COPPER PATCH PANEL (RJ-45, CAT6) - I	Furnish a rack or wall mounted, CAT6 rated, 36 port copper patch panel (COPP). Includes all required components to make a complete and functional 36 port copper patch panel. The patch panel termination/ports shall be RJ-45 type terminated IAW the T568A wiring scheme.	EA	$312.62

No.	Item	Description	UM	Proposed GSA Price w/ IFF
261	48 PORT COPPER PATCH PANEL (RJ-45, CAT6) - I	Furnish a rack or wall mounted, CAT6 rated, 48 port copper patch panel (COPP). Includes all required components to make a complete and functional 48 port copper patch panel. The patch panel termination/ports shall be RJ-45 type terminated IAW the T568A wiring scheme.	EA	$404.10
262	72 PORT COPPER PATCH PANEL (RJ-45, CAT6) - I	Furnish a rack or wall mounted, CAT6 rated, 72 port copper patch panel (COPP). Includes all required components to make a complete and functional 72 port copper patch panel. The patch panel termination/ports shall be RJ-45 type terminated IAW the T568A wiring scheme.	EA	$603.66
263	96 PORT COPPER PATCH PANEL (RJ-45, CAT6) - I	Furnish a rack or wall mounted, CAT6 rated, 96 port copper patch panel (COPP). Includes all required components to make a complete and functional 96 port copper patch panel. The patch panel termination/ports shall be RJ-45 type terminated IAW the T568A wiring scheme.	EA	$420.47
264	RJ-45, CAT6, CIRCUIT AND OUTLET (SINGLE DROP) - I	Furnish and test all materials required for a CAT6 (enhanced) data circuit from a centralized patch panel to a work station outlet. Includes the CAT6 rated, RJ-45 jack, mounting plate at the workstation outlet and the CAT6, plenum rated, 4 twisted pair, data cable from the work station outlet to the centralized patch panel.	EA	$149.65
265	RJ-45, CAT6, CIRCUIT AND OUTLET (DOUBLE DROP) - I	Furnish and test all materials required for a CAT6 (enhanced) data circuit from a centralized patch panel to a work station outlet. Includes the 2-ea CAT6 rated, RJ-45 jacks, mounting plate at the workstation outlet and the CAT6, plenum rated, 4 twisted pair, data cables from the work station outlet to the centralized patch panel.	EA	$252.14
266	5 FOOT (1.5m), RJ-45 TO RJ-45, CAT6 RATED, 4 PAIR, 24AWG, COPPER PATCH CORD - I	Furnish a 5 foot long (1.5m), RJ-45 to RJ-45, CAT6 rated, 4 pair, 24AWG, copper patch cord between two locations or components.	EA	$3.03

No.	Item	Description	UM	Proposed GSA Price w/ IFF
267	ADDER FOR ADDITIONAL FEET OF COPPER PATCH CABLE - I	This descriptor is used in conjunction with PATCH RJ-45 5' (1.5m) to account for patch cables longer than the standard 5' (1.5m) length. Add this footage to the standard 5' (1.5m) length to account for the extended length cable. Example: A 12' (3.7m) cable would require the base PATCH RJ-45 5' (1.5m) with a quantity of 1 and an ADDER PC with a quantity of 7. IAW TIA-EIA 568B normally a patch cord should not exceed 16' (4.9m).	M	$0.31
268	5 FOOT (1.5m), RJ-45 TO RJ-45, CAT6 RATED, 4 PAIR, 24AWG, COPPER PATCH CORD - I	Furnish a 5 foot (1.5m) long, RJ-45 to RJ-45, CAT 6 rated, 4 pair, 24AWG, copper patch cord between two locations or components. This is for patching to legacy Cat 5 or 5e patch panels.	EA	$1.72
269	5 FOOT (1.5m), RJ-45 TO RJ-45, CAT6 RATED, 4 PAIR, 24AWG, CROSSOVER COPPER PATCH CORD - I	Furnish a 5 foot (1.5m) long, RJ-45 to RJ-45, CAT 6 rated, Crossover 4 pair, 24AWG, copper patch cord between two locations or components. Crossover polarity required to interconnect two switches.	EA	$3.16
270	5 FEET (1.5m), SC-SWITCH, DUPLEX, SINGLE MODE FOC PATCH CABLE - I	Furnish a 5 foot (1.5m) long, duplex, single mode FOC patch cable with SC connector one end and connector to match the proposed switch type on the other end as specified for the proposed switch type.	EA	$3.61
271	5 FEET (1.5m), SC-SWITCH, DUPLEX, MULTIMODE FOC PATCH CABLE - I	Furnish a 5 foot (1.5m) long, duplex, multimode FOC patch cable with SC connector one end and connector to match the selected switch type on the other end as specified for the project.	EA	$3.82
272	5 FEET, ST-SC, DUPLEX, SINGLE MODE FOC PATCH CABLE - I	Furnish a 5ft (1.5m) long, duplex, single mode FOC patch cable with ST and SC connectors as specified for the project.	EA	$2.14
273	5 FEET, SC-SC, DUPLEX, SINGLE MODE FOC PATCH CABLE - I	Furnish a 5ft (1.5m) long, duplex, single mode FOC patch cable with SC connectors on both ends as specified for the project.	EA	$0.59

No.	Item	Description	UM	Proposed GSA Price w/ IFF
274	ADDER FOR ADDITIONAL FEET OF FOC PATCH CABLE - I	This descriptor is used in conjunction with PATCH STST, PATCH STSC, or PATCH SCSC to account for patch cables longer than the standard 5' length. Add this footage to the standard 5' length to account for the extended length cable. Example: A 12' cable would require the base PATCH STST with a quantity of 1 and an ADDER FOC with a quantity of 7.	M	$0.10
275	COMPACT, COMBINED, 24 STRAND FO AND 30 PAIR COPPER TERMINAL - I	Furnish a compact in size terminal capable of terminating 24 FO strands and up to 30 pairs of copper cable. Includes the mounting plate and cover, splicing cassette, pigtails, through connectors, and patching field for up to 24 strands of FO plus a 30 pair LSA connector strip. The terminal shall be similar to or better than the Quante VKA 2/FO in size and capacity.	M	$418.49
276	CABLE TRAY - I	Furnish inside cable wireway and anything else required to make a complete system. The wireway and lid is gray enamel, 16 gauge steel, with knockouts. Hardware includes straight sections, elbows (internal, external, "L" and "T" types) vertical bend segments, splice plates, nuts, bolt, washers, threaded rod, and anchors.	EA	$14.23
277	CABLE LADDER - I	Furnish inside cable ladder and anything else required to make a complete system. The ladder is all welded aluminum construction with I-Beams side rails and structural cross rungs. All edges are rounded to prevent cable insulation damage. Hardware includes elbows (internal, external, "L" and "T" types) vertical bend segments, splice plates, nuts, bolts, washers, threaded rod, and anchors.	EA	$24.48
278	INSTALL JUMPER(S) ON BUILDING ENTRANCE TERMINAL(S) OR DISTRIBUTION FRAME(S) - I	Furnish a new jumper pair on a main frame or building entrance terminal. Includes removal of an existing jumper on a pair for pair basis.	EA	$6.58

No.	Item	Description	UM	Proposed GSA Price w/ IFF
279	CABLE RECORDS FOR COPPER PAIRS AND OR FIBER STRANDS - I	Furnish cable records identifying each pair/strand and its origin and termination. Format shall be compatible with the site existing cable records, automated or manual.	EA	$514.39
280	PREPARE CUT SHEETS FOR COPPER/FIBER - I	Prepare cut sheets for pairs/strands to be cut over.	EA	$722.15
	Racks & Cabinets			
281	Protected, wall mountable, LSA PP 30 PR - I	Furnish a protected, wall mountable, LSA panel capable of terminating a minimum of 30 pair. Includes a lockable box, LSA mounting frame, LSA modules and protectors, ground wire and mounting hardware. The terminal shall be suitable for indoor or outdoor applications.	EA	$65.02
282	Protected, wall mountable, LSA PP 50 PR - I	Furnish a protected, wall mountable, LSA panel capable of terminating 50 pair. Includes a lockable box, LSA mounting frame, LSA modules and protectors, ground wire and mounting hardware. The terminal shall be suitable for indoor or outdoor applications.	EA	$95.83
283	Protected, wall mountable, LSA PP 100 PR - I	Furnish a protected, wall mountable, LSA panel capable of terminating 100 pair. Includes a lockable box, LSA mounting frame, LSA modules and protectors, ground wire and mounting hardware.	EA	$168.47
284	Protected, wall mountable, LSA PP 200 PR - I	Furnish a protected, wall mountable, LSA panel capable of terminating 200 pair. Includes a lockable box, LSA mounting frame, LSA modules and protectors, ground wire and mounting hardware.	EA	$315.10
285	Protected, wall mountable, LSA PP 400 PR - I	Furnish a protected, wall mountable, LSA panel capable of terminating 400 pair. Includes a lockable box, LSA mounting frame, LSA modules and protectors, ground wire and mounting hardware.	EA	$634.62
286	Unprotected, wall mountable, LSA PP 20 PR - I	Furnish an unprotected, wall mountable, LSA panel capable of terminating a minimum of 20 pair. Includes a lockable box, LSA mounting frame, LSA modules and mounting hardware.	EA	$21.39

No.	Item	Description	UM	Proposed GSA Price w/ IFF
287	Unprotected, wall mountable, LSA PP 30 PR - I	Furnish an unprotected, wall mountable, LSA panel capable of terminating a minimum of 30 pair. Includes a lockable box, LSA mounting frame, LSA modules and mounting hardware.	EA	$74.80
288	Unprotected, wall mountable, LSA PP 50 PR - I	Furnish an unprotected, wall mountable, LSA panel capable of terminating a minimum of 50 pair. Includes a lockable box, LSA mounting frame, LSA modules and mounting hardware.	EA	$94.82
289	Unprotected, wall mountable, LSA PP 100 PR - I	Furnish an unprotected, wall mountable, LSA panel capable of terminating a minimum of 100 pair. Includes a lockable box, LSA mounting frame, LSA modules and mounting hardware.	EA	$170.28
290	Unprotected, Rack Mounted, LSA PP 10 PR - I	Furnish an unprotected, rack mountable, LSA panel capable of terminating a minimum of 10 pair. Includes a rack mounted frame for a 19" (480mm) wide rack, LSA mounting frame, LSA modules and mounting hardware.	EA	$4.53
291	Unprotected, Rack Mounted, LSA PP 30 PR - I	Furnish an unprotected, rack mountable, LSA panel capable of terminating a minimum of 30 pair. Includes a rack mounted frame for a 19" (480mm) wide rack, LSA mounting frame, LSA modules and mounting hardware.	EA	$47.97
292	Unprotected, Rack Mounted, LSA PP 50 PR - I	Furnish an unprotected, rack mountable, LSA panel capable of terminating a minimum of 50 pair. Includes a rack mounted frame for a 19" (480mm) wide rack, LSA mounting frame, LSA modules and mounting hardware.	EA	$73.46
293	Unprotected, Rack Mounted, LSA PP 100 PR - I	Furnish an unprotected, rack mountable, LSA panel capable of terminating a minimum of 100 pair. Includes a rack mounted frame for a 19" (480mm) wide rack, LSA mounting frame, LSA modules and mounting hardware.	EA	$159.11

No.	Item	Description	UM	Proposed GSA Price w/ IFF
294	19" (480mm) EQUIP CABINET 2M HIGH (FLOOR) - I	Furnish one 2 meter x 80 cm x 80 cm (83" x 32" x32") (exterior dimensions) free standing equipment cabinet and associated hardware. The cabinet shall be grounded per J-STD-607-A and securely fastened to the floor or adjacent cabinet using a Multi-Bay Joining kit or equivalent.	EA	$240.26
295	19" (480mm) EQUIP CABINET 1M HIGH (FLOOR) - I	Furnish one 1 meter x 80 cm x 80 cm (40" x 32" x32") (exterior dimensions) free standing equipment cabinet and associated hardware. The cabinet shall be grounded per J-STD-607-A, and securely fastened to the floor or adjacent cabinet using a Multi-Bay Joining kit or equivalent.	EA	$222.85
296	19" (480mm) EQUIP CABINET 1M HIGH (WALL) - I	Furnish one 1 meter x 80 cm x 80 cm (40" x 32" x32") (exterior dimensions) wall mount equipment cabinet and associated hardware. The cabinet shall be grounded per J-STD-607-A.	EA	$291.75
297	19" (480mm) EQUIP CABINET 1.7M HIGH (WALL) - I	Furnish one 1.7 meter x 80 cm x 80 cm (67" x 32" x32") (exterior dimensions) wall mount equipment cabinet and associated hardware. The cabinet shall be grounded per J-STD-607-A.	EA	$218.33
298	LOCKING PULL BOX HARDENED CARRIER DISTRIBUTION SYSTEM 12" (300mm) x 12" (300mm) x 12" (300mm) - I	Furnish a 12" (300mm) high by 12" (300mm) wide by 12" (300mm) deep pullbox with lockable door. The metallic pullbox shall be grounded per the NSTISS, J-STD-607-A and the NEC.	EA	$121.21
299	RIGID METAL CONDUIT (RMT) 2" (50mm) DIA HARDENED CARRIER DISTRIBUTION SYSTEM - I	Furnish a 2" (50 mm) RMC (Rigid Metal Conduit) conduit. The metallic conduit shall be grounded per the NSTISS, J-STD-607-A and the NEC.	M	$22.32
300	RIGID METAL CONDUIT (RMT) 4" (100mm) DIA HARDENED CARRIER DISTRIBUTION SYSTEM - I	Furnish a 4" (100mm) RMC (Rigid Metal Conduit) conduit. The metallic conduit shall be grounded per the NSTISS, J-STD-607-A and the NEC.	M	$51.93
301	CABLE MANAGEMENT PANELS, 1 RACK UNIT HIGH - I	Furnish a cable/jumper management panel that shall mount in a 19" (480mm) wide rack and take up 1 rack unit (1.75" high) (44mm).	EA	$2.02
302	CABLE MANAGEMENT PANELS, 2 RACK UNITS HIGH - I	Furnish a cable/jumper management panel that shall mount in a 19" (480mm) wide rack and take up 2 rack units (3.50" high) (89mm).	EA	$4.69

No.	Item	Description	UM	Proposed GSA Price w/ IFF
303	SURFACE MOUNT RACEWAY - I	Furnish low profile, non-adhesive, surface mount raceway. Snap-on covers provide easy access.	M	$5.79
304	MDF VERTICALS, 8' (2.4m) - I	Furnish a single, up to 8' (2.4m) high, double sided, vertical of a Distribution Frame.	EA	$205.58
305	MDF VERTICALS, 11'6" (3.55m) - I	Furnish a single, 11' 6" (3.55m) high, double sided, vertical of a Distribution Frame.	EA	$210.42
306	PULLBOX (12"x12"x6") (300 x 300 x 150mm) - I	Furnish a NEMA 3R rated, 12" (300mm) high by 12" (300mm) wide by 6" (150mm) deep, pullbox with lockable door and prepare the device for use. The pullbox shall be mounted on a wall or pole as required and includes attaching conduits.	EA	$38.89
307	PULLBOX (12"x12"x12") (300 x 300 x 300mm) - I	Furnish a NEMA 3R rated, 12" (300mm) high by 12" (300mm) wide by 12" (300mm) deep pullbox with lockable door and prepare the device for use. The pullbox shall be mounted on a wall or pole as required and includes attaching conduits.	EA	$41.12
308	PULLBOX (24"x24"x12") (600 x 600 x 300mm) - I	Furnish a NEMA 3R rated, 24" (600mm) high by 24" (600mm) wide by 12" (300mm) deep pullbox with lockable door and prepare the device for use. The pullbox shall be mounted on a wall or pole as required and includes attaching conduits.	EA	$45.95
	Vaults			
309	MAINTENANCE HOLE, 12'L x 6'W x 7'H (3.7m x 1.8m x 2m), MULTIDIRECTIONAL - I	Furnish a 12'L x 6'W x 7'H (3.7m x 1.8m x 2m), precast, multidirectional, telecommunications maintenance hole and prepare the maintenance hole for use.	EA	$3,012.52
310	MAINTENANCE HOLE, 12'L x 6'W x 7'H (3.7m x 1.8m x 2m), SPLAYED - I	Furnish a 12'L x 6'W x 7'H (3.7m x 1.8m x 2m), precast, splayed, telecommunications maintenance hole and prepare the maintenance hole for use.	EA	$3,037.19
311	MAINTENANCE HOLE, 8'L x 5'W x 7'H (2.4m x 1.5m x 2m), INLINE - I	Furnish a 8'L x 5'W x 7'H (2.4m x 1.5m x 2m), precast, inline, telecommunications maintenance hole and prepare the maintenance hole for use.	EA	$1,939.32

No.	Item	Description	UM	Proposed GSA Price w/ IFF
312	MAINTENANCE HOLE, 8'L x 5'W x 7'H (2.4m x 1.5m x 2m), MULTIDIRECTIONAL - I	Furnish a 8'L x 5'W x 7'H (2.4m x 1.5m x 2m), precast, multidirectional, telecommunications maintenance hole and prepare the maintenance hole for use.	EA	$2,781.94
313	HANDHOLE, 4'L x 4'W x 4'H (1.2m x 1.2m x 1.2m) - I	Furnish a 4'L x 4'W x 4'H (1.2m x 1.2m x 1.2m), precast, multidirectional, telecommunications handhole capable to support vehicular traffic and prepare the handhole for use. A grounding network may be preinstalled by the handhole supplier.	EA	$1,515.87
314	HANDHOLE, 6'L x 4'W x 4'H (1.8m x 1.2m x 1.2m) - I	Furnish a 6'L x 4'W x 4'H (1.8m x 1.2m x 1.2m), precast, multidirectional, telecommunications handhole capable to support vehicular traffic and prepare the handhole for use. A grounding network may be preinstalled by the handhole supplier.	EA	$1,625.71
315	LOCKING MAINTENANCE HOLE COVER - I	Furnish a lockable maintenance hole lid.	EA	$333.76
	Civil Works			
316	CORE DRILL MH 5.5" X 6" (140mm x 150mm) - I	The contractor shall perform all actions required and provide all materials required to core drill up to a 5.5" (140mm) diameter hole in a maintenance hole that is 6" (150mm) thick.	EA	$71.92
317	CORE DRILL CONC WALL OR FLOOR 5.5" X 6" (140mm x 150mm) - I	The contractor shall perform all actions required and provide all materials required to core drill up to a 5.5" (140mm) diameter hole in a concrete wall or floor (other than a maintenance hole) that is 6" (150mm) thick.	EA	$98.37
318	CORE DRILL BRICK/BLOCK 5.5" X 12" (140mm x 300mm) - I	The contractor shall perform all actions required and provide all materials required to core drill up to a 5.5" (140mm) diameter hole in a brick and block (B&B) wall that is 12" (300mm) thick.	EA	$132.76
319	CORE DRILL WOOD 5.5" X 6" (140mm x 150mm) - I	The contractor shall perform all actions required and provide all materials required to drill up to up to a 5.5" (140mm) diameter hole in wood that is 6" (150mm) thick.	EA	$32.55

No.	Item	Description	UM	Proposed GSA Price w/ IFF
320	CORE DRILL METAL 5.5" X .25" (140mm x 6.3mm) - I	The contractor shall perform all actions required and provide all materials required to drill or punch up to a 5.5" (140mm) diameter hole in metal up to .25" (6.3mm) thick.	EA	$25.74