

CARLSON WIRELESS TECHNOLOGIES, INC
AUTHORIZED INFORMATION TECHNOLOGY SCHEDULE PRICELIST
GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY EQUIPMENT,
SOFTWARE AND SERVICES

Special Item No. 132-8 Purchase of New Equipment

FSC CLASS 5995 – CABLE, CORD AND WIRE ASSEMBLIES: COMMUNICATIONS EQUIPMENT
Communications Equipment Cables

FSC CLASS 6145 – WIRE AND CABLE, ELECTRICAL
Coaxial Cables

FSC CLASS 5805 – TELEPHONE AND TELEGRAPH EQUIPMENT
Telephone Equipment

FSC CLASS 5810 – COMMUNICATIONS SECURITY EQUIPMENT AND COMPONENTS
Communications Security Equipment

FSC CLASS 5820 – RADIO AND TELEVISION COMMUNICATION EQUIPMENT, EXCEPT AIRBORNE
Two-Way Radio Transmitters/Receivers/Antennas
Broadcast Band Radio Transmitters/Receivers/Antennas
Microwave Radio Equipment/Antennas and Waveguides

FSC CLASS 5895 – MISCELLANEOUS COMMUNICATION EQUIPMENT
Miscellaneous Communications Equipment

Special Item No. 132-33 Perpetual Software Licenses

FSC CLASS 7030 – INFORMATION TECHNOLOGY SOFTWARE
Communications Software

Carlson Wireless Technologies, Inc.
1385 8th Street, Arcata, CA 95521
(707) 822-7000
<http://www.carlsonwireless.com>

Contract Number: GS-34F-0454s

Period Covered by Contract: June 2, 2006 through June 5, 2011

General Services Administration
Federal Acquisition Service

Pricelist current through Modification #PS-0004, dated May 28, 2010.

Products and ordering information in this Authorized FSS Information Technology Schedule Pricelist are also available on the GSA Advantage! System (<http://www.gsaadvantage.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 Acquisition Service. 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.gsaadvantage.gov). The catalogs/pricelists, GSA Advantage!™ and the Federal Acquisition 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.
- 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:

**Carlson Wireless Technologies, Inc.
1385 8th Street
Arcata, CA 95521**

Contractor must accept the credit card for payments equal to or less than the micro-purchase for oral or written orders under this contract. The Contractor and the ordering agency will use the credit card for dollar amounts over the micro-purchase threshold (See GSAR 552.232-79 Payment by Credit Card). 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:

(707) 822-7000

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: 80-660-8840
Block 30: Type of Contractor - B. Other Small Business
Block 31: Woman-Owned Small Business - No
Block 36: Contractor's Taxpayer Identification Number (TIN): 06-1542177

- 4a. CAGE Code: 1TU93
- 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)
<u>132-8</u>	<u>5-30</u> Days
<u>132-33</u>	<u>5-30</u> Days

-
- 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: 2% - Net 10 days from receipt of invoice or date of acceptance, whichever is later.
- b. Quantity
- c. Dollar Volume
- d. Government Educational Institutions: Same 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:

10. Small Requirements: The minimum dollar value of orders to be issued is \$50.00.

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 132-3 - Leasing of Product
Special Item Number 132-4 – Daily / Short Term Rental
Special Item Number 132-8 - Purchase of Equipment
Special Item Number 132-9 - Purchase of Used or Refurbished Equipment
Special Item Number 132-12 - Equipment Maintenance
Special Item Number 132-32 - Term Software Licenses
Special Item Number 132-33 - Perpetual Software Licenses
Special Item Number 132-34 - Maintenance of Software as a Service
Special Item Number 132-51 - Information Technology Professional Services
Special Item Number 132-52 - Electronic Commerce (EC) Services
Special Item Number 132-53 – Wireless Services

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

Special Item Number 132-50 - Training Courses

c. The Maximum Order value for the following Special Item Numbers (SINs) is \$1,000,000:

Special Item Number 132-60A-F – Access Certificates for Electronic Services (ACES) Program
Special Item Number 132-61 – Public Key Infrastructure (PKI) Shared Service Provider (SSP) Program
Special Item Number 132-62 – HSPD-12 Product and Service Components

12. ORDERING PROCEDURES FOR FEDERAL SUPPLY SCHEDULE CONTRACTS

Ordering activities shall use the ordering procedures of Federal Acquisition Regulation (FAR) 8.405 when placing an order or establishing a BPA for supplies or services. These procedures apply to all schedules.

a. FAR 8.405-1 Ordering procedures for supplies, and services not requiring a statement of work.

b. FAR 8.405-2 Ordering procedures for services requiring a statement of work.

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 Acquisition 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 2003)

- (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. Travel in performance of a task order will only be reimbursable to the extent authorized by the ordering agency. 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.
- (k) Overtime: For professional services, the labor rates in the Schedule should not vary by virtue of the Contractor having worked overtime. For services applicable to the Service Contract Act (as identified in the Schedule), the labor rates in the Schedule will vary as governed by labor laws (usually assessed a time and a half of the labor rate).

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 52.212-4)

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.gsadvantage.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 as open market purchases. Ordering Activities procuring open market items must follow FAR 8.402(f).

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:

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)

The use of BPAs under any schedule contract to fill repetitive needs for supplies or services is allowable. BPAs may be established with one or more schedule contractors. The number of BPAs to be established is within the discretion of the ordering activity establishing the BPA and should be based on a strategy that is expected to maximize the effectiveness of the BPA(s). Ordering activities shall follow FAR 8.405-3 when creating and implementing BPA(s).

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 or 132-9.

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:

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.

26. SOFTWARE INTEROPERABILITY.

Offerors are encouraged to identify within their software items any component interfaces that support open standard interoperability. An item's interface may be identified as interoperable on the basis of participation in a Government agency-sponsored program or in an independent organization program. Interfaces may be identified by reference to an interface registered in the component registry located at <http://www.core.gov>.

27. ADVANCE PAYMENTS

A payment under this contract to provide a service or deliver an article for the United States Government may not be more than the value of the service already provided or the article already delivered. Advance or pre-payment is not authorized or allowed under this contract. (31 U.S.C. 3324)

**TERMS AND CONDITIONS APPLICABLE TO PURCHASE OF
GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY NEW
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:

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 or SIN 132-9.

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.

Limited Warranty, USA

Carlson Wireless Technologies, Inc. (CWT) will repair its originally manufactured products with new or rebuilt parts, free of charge, in the USA or Puerto Rico for one (1) year from the date of original purchase in the event of a defect in material or workmanship. A Return Material Authorization (RMA) may be requested by calling the Carlson Factory Service Center at +1-707-822-7000 ext 122 or by accessing the CWT website at: www.carlsonwireless.com and requesting an RMA under "Service". Ship your product adequately packed, clearly marked with the RMA number, postage paid and insured to the address provided. This warranty is extended only to the original purchaser. A purchase receipt or other proof of date of original purchase will be required before warranty performance is rendered. This warranty only covers failures due to defects in materials or workmanship which occur during normal use. It does not cover damage which occurs in shipment or failures which are caused by products not supplied by CWT or failures which result from accident, misuse, abuse, neglect, mishandling, misapplication, alteration, modification, lightning, line power surge, introduction of sand, dust, humidity and liquids or commercial use of the product, or service by anyone other than a Carlson Factory Service center or authorized Carlson Service center, or damage that is attributable to acts of God, war or terrorism.

Limits and Exclusions

There are no express warranties except as listed above. CARLSON WIRELESS TECHNOLOGIES, INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state. If a problem with this product develops during or after the warranty period you may contact your dealer or Service Center. If the problem is not handled to your satisfaction, fax, phone or write the company at the address indicated in the service section of the manual.

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: Carlson Wireless Technologies, 1385 8th Street, Arcata, CA 95521

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 PERPETUAL SOFTWARE LICENSES (SPECIAL ITEM NUMBER 132-33)

1. 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 software that has been tendered for acceptance. The ordering activity may require repair or replacement of nonconforming software 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 software, unless the change is due to the defect in the software.

2. GUARANTEE/WARRANTY

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

3. TECHNICAL SERVICES

The Contractor, without additional charge to the ordering activity, shall provide a hot line technical support number (707) 822-7000 ext 122 for the purpose of providing user assistance and guidance in the implementation of the software. The technical support number is available from 8:30am to 5:00pm Pacific Standard Time.

4. SOFTWARE MAINTENANCE

- a. Software maintenance as it is defined: (select software maintenance type) :

132-33 1. Software Maintenance as a Product (SIN 132-32 or SIN 132-33)

Software maintenance as a product includes the publishing of bug/defect fixes via patches and updates/upgrades in function and technology to maintain the operability and usability of the software product. It may also include other no charge support that are included in the purchase price of the product in the commercial marketplace. No charge support includes items such as user blogs, discussion forums, on-line help libraries and FAQs (Frequently Asked Questions), hosted chat rooms, and limited telephone, email and/or web-based general technical support for user's self diagnostics.

Software maintenance as a product does NOT include the creation, design, implementation, integration, etc. of a software package. These examples are considered software maintenance as a service.

2. Software Maintenance as a Service (SIN 132-34)

Software maintenance as a service creates, designs, implements, and/or integrates customized changes to software that solve one or more problems and is not included with the price of the software. Software maintenance as a service includes person-to-person communications regardless of the medium used to communicate: telephone support, on-line technical support, customized support, and/or technical expertise which are charged commercially. Software maintenance as a service is billed arrears in accordance with 31 U.S.C. 3324.

b. Invoices for maintenance service shall be submitted by the Contractor on a quarterly or monthly basis, after the completion of such period. Maintenance charges must be paid in arrears (31 U.S.C. 3324). PROMPT PAYMENT DISCOUNT, IF APPLICABLE, SHALL BE SHOWN ON THE INVOICE.

5. PERIODS OF TERM LICENSES (SIN 132-32) AND MAINTENANCE (SIN 132-34)

a. The Contractor shall honor orders for periods for the duration of the contract period or a lesser period of time.

b. Term licenses and/or maintenance may be discontinued by the ordering activity on thirty (30) calendar days written notice to the Contractor.

c. Annual Funding. When annually appropriated funds are cited on an order for term licenses and/or maintenance, the period of the term licenses and/or maintenance shall automatically expire on September 30 of the contract period, or at the end of the contract period, whichever occurs first. Renewal of the term licenses and/or maintenance orders citing the new appropriation shall be required, if the term licenses and/or maintenance is to be continued during any remainder of the contract period.

d. Cross-Year Funding Within Contract Period. Where an ordering activity's specific appropriation authority provides for funds in excess of a 12 month (fiscal year) period, the ordering activity may place an order under this schedule contract for a period up to the expiration of the contract period, notwithstanding the intervening fiscal years.

e. Ordering activities should notify the Contractor in writing thirty (30) calendar days prior to the expiration of an order, if the term licenses and/or maintenance is to be terminated at that time. Orders for the continuation of term licenses and/or maintenance will be required if the term licenses and/or maintenance is to be continued during the subsequent period.

6. CONVERSION FROM TERM LICENSE TO PERPETUAL LICENSE

a. The ordering activity may convert term licenses to perpetual licenses for any or all software at any time following acceptance of software. At the request of the ordering activity the Contractor shall furnish, within ten (10) calendar days, for each software product that is contemplated for conversion, the total amount of conversion credits which have accrued while the software was on a term license and the date of the last update or enhancement.

b. Conversion credits which are provided shall, within the limits specified, continue to accrue from one contract period to the next, provided the software remains on a term license within the ordering activity.

c. The term license for each software product shall be discontinued on the day immediately preceding the effective date of conversion from a term license to a perpetual license.

d. The price the ordering activity shall pay will be the perpetual license price that prevailed at the time such software was initially ordered under a term license, or the perpetual license price prevailing at the time of conversion from a term license to a perpetual license, whichever is the less, minus an amount equal to _____% of all term license payments during the period that the software was under a term license within the ordering activity.

7. TERM LICENSE CESSATION

- a. After a software product has been on a continuous term license for a period of _____ * months, a fully paid-up, non-exclusive, perpetual license for the software product shall automatically accrue to the ordering activity. The period of continuous term license for automatic accrual of a fully paid-up perpetual license does not have to be achieved during a particular fiscal year; it is a written Contractor commitment which continues to be available for software that is initially ordered under this contract, until a fully paid-up perpetual license accrues to the ordering activity. However, should the term license of the software be discontinued before the specified period of the continuous term license has been satisfied, the perpetual license accrual shall be forfeited.
- b. The Contractor agrees to provide updates and maintenance service for the software after a perpetual license has accrued, at the prices and terms of Special Item Number 132-34, if the licensee elects to order such services. Title to the software shall remain with the Contractor.

8. UTILIZATION LIMITATIONS - (SIN 132-32, SIN 132-33, AND SIN 132-34)

- a. Software acquisition is limited to commercial computer software defined in FAR Part 2.101.
- b. When acquired by the ordering activity, commercial computer software and related documentation so legend shall be subject to the following:
 - (1) Title to and ownership of the software and documentation shall remain with the Contractor, unless otherwise specified.
 - (2) Software licenses are by site and by ordering activity. An ordering activity is defined as a cabinet level or independent ordering activity. The software may be used by any subdivision of the ordering activity (service, bureau, division, command, etc.) that has access to the site the software is placed at, even if the subdivision did not participate in the acquisition of the software. Further, the software may be used on a sharing basis where multiple agencies have joint projects that can be satisfied by the use of the software placed at one ordering activity's site. This would allow other agencies access to one ordering activity's database. For ordering activity public domain databases, user agencies and third parties may use the computer program to enter, retrieve, analyze and present data. The user ordering activity will take appropriate action by instruction, agreement, or otherwise, to protect the Contractor's proprietary property with any third parties that are permitted access to the computer programs and documentation in connection with the user ordering activity's permitted use of the computer programs and documentation. For purposes of this section, all such permitted third parties shall be deemed agents of the user ordering activity.
 - (3) Except as is provided in paragraph 8.b(2) above, the ordering activity shall not provide or otherwise make available the software or documentation, or any portion thereof, in any form, to any third party without the prior written approval of the Contractor. Third parties do not include prime Contractors, subcontractors and agents of the ordering activity who have the ordering activity's permission to use the licensed software and documentation at the facility, and who have agreed to use the licensed software and documentation only in accordance with these restrictions. This provision does not limit the right of the ordering activity to use software, documentation, or information therein, which the ordering activity may already have or obtains without restrictions.
 - (4) The ordering activity shall have the right to use the computer software and documentation with the computer for which it is acquired at any other facility to which that computer may be transferred, or in cases of Disaster Recovery, the ordering activity has the right to transfer the software to another site if the ordering activity site for which it is acquired is deemed to be unsafe for ordering activity personnel; to use the computer software and documentation with a backup computer when the primary computer is inoperative; to copy computer programs for safekeeping (archives) or backup purposes; to transfer a copy of the software to another site for purposes of benchmarking new hardware and/or software; and to modify the software and documentation or combine it with other software, provided that the unmodified portions shall remain subject to these restrictions.
 - (5) "Commercial Computer Software" may be marked with the Contractor's standard commercial restricted rights legend, but the schedule contract and schedule pricelist, including this clause, "Utilization Limitations" are the only governing terms and conditions, and shall take precedence and supersede any different or additional terms and conditions included in the standard commercial legend.

9. SOFTWARE CONVERSIONS - (SIN 132-32 AND SIN 132-33)

Full monetary credit will be allowed to the ordering activity when conversion from one version of the software to another is made as the result of a change in operating system , or from one computer system to another. Under a perpetual license (132-33), the purchase price of the new software shall be reduced by the amount that was paid to purchase the earlier version. Under a term license (132-32), conversion credits which accrued while the earlier version was under a term license shall carry forward and remain available as conversion credits which may be applied towards the perpetual license price of the new version.

10. DESCRIPTIONS AND EQUIPMENT COMPATIBILITY

The Contractor shall include, in the schedule pricelist, a complete description of each software product and a list of equipment on which the software can be used. Also, included shall be a brief, introductory explanation of the modules and documentation which are offered.

11. RIGHT-TO-COPY PRICING

The Contractor shall insert the discounted pricing for right-to-copy licenses.

USA COMMITMENT TO PROMOTE SMALL BUSINESS PARTICIPATION PROCUREMENT PROGRAMS

PREAMBLE

Carlson Wireless Technologies, Inc. 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 **James Carlson, jcarlson@carlsonwireless.com, Phone: (707) 822-7000, Fax: (707) 822-7010**

**AUTHORIZED FEDERAL ACQUISITION SERVICE INFORMATION
TECHNOLOGY SCHEDULE PRICELIST**

BLANKET PURCHASE AGREEMENT

**BEST VALUE BLANKET PURCHASE AGREEMENT
FEDERAL SUPPLY SCHEDULE**

Carlson Wireless Technologies, Inc.

In the spirit of the Federal Acquisition Streamlining Act (ordering activity) and (Contractor) 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) GS-35F-0454S.

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 Government that works better and costs less.

Signatures

Ordering Activity

Date

Contractor

Date

**AUTHORIZED FEDERAL ACQUISITION SERVICE INFORMATION
TECHNOLOGY SCHEDULE PRICELIST**

BLANKET PURCHASE AGREEMENT

Carlson Wireless Technologies, Inc.

Pursuant to GSA Federal Supply Schedule Contract Number(s) GS-35F-0454S, 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
_____	_____
_____	_____
_____	_____

- (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 customer agency 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 of 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 customer's 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.

New Part #	Product Description	Sin No.	MFC Price	Tier 1 Plus IFF	Tier 2 Plus	Tier 3
			0.00% Disc	.75%	IFF .75%	Plus IFF .75%
				10%	13.00%	17.00%
				\$0.00-\$49,999	\$50,000-\$199,999	+\$200,000

POINT TO POINT PRODUCTS

132-8

TrailBlazer- LITE (TB-LITE)

TL-BASE	Trailblazer - Lite Base unit supports 1 POTS Channel (FXO) for voice, fax or dialup modems	132-8	\$894.65	\$811.22	\$784.18	\$748.12
TB-POTS	One (1) POTS (FXO) line for TB-Base, TL-Base or TB-LLP-M (64 kbps)	132-8	\$100.00	\$90.68	\$87.65	\$83.62
TL-CPE	Supports 1 POTS Channel (FXS), for voice, fax or dialup modems	132-8	\$634.50	\$575.33	\$556.16	\$530.58
512-7024	2.4GHz band radio card (One required per Terminal)	132-8	\$528.75	\$479.44	\$463.46	\$442.15
512-7049	4.9GHz band radio card (One required per Terminal)	132-8	\$1,000.00	\$906.75	\$876.53	\$836.23
512-7007	5.8GHz band radio card (One required per Terminal)	132-8	\$800.00	\$725.40	\$701.22	\$668.98

TrailBlazer- PHONE EXTENDER (TB-PE) Point to Point

SER-TB-BASE	Trailblazer Base Unit supports POTS Channels (FXO) and is Ethernet ready (Key required)	132-8	\$1,200.00	\$1,088.10	\$1,051.83	\$1,003.47
TB-POTS	One (1) POTS (FXO) line for TB-Base, TL-Base or TB-LLP-M (64 kbps)	132-8	\$100.00	\$90.68	\$87.65	\$83.62
TB-CPE-2	Equipped with 2 Voice Channels POTS (FXS), supports up to 512Kbps of Bandwidth and is Ethernet ready (Key required)	132-8	\$846.00	\$767.11	\$741.54	\$707.45
SER-TB-CPE-4	Equipped with 4 Voice Channels POTS (FXS), supports up to 512Kbps of Bandwidth and is Ethernet ready (Key required)	132-8	\$1,200.00	\$1,088.10	\$1,051.83	\$1,003.47
SER-TB-CPE-8	Equipped with 8 Voice Channels POTS (FXS), supports up to 512Kbps of Bandwidth and is Ethernet ready (Key required)	132-8	\$2,000.00	\$1,813.50	\$1,753.05	\$1,672.45
512-7024	2.4GHz band radio card (One required per Terminal)	132-8	\$528.75	\$479.44	\$463.46	\$442.15
512-7049	4.9GHz band radio card (One required per Terminal)	132-8	\$1,000.00	\$906.75	\$876.53	\$836.23
512-7007	5.8GHz band radio card (One required per Terminal)	132-8	\$800.00	\$725.40	\$701.22	\$668.98
KEY-7380	Ethernet Key, required to enable the Ethernet ready functionality (One key per terminal)	132-8	\$211.50	\$191.78	\$185.39	\$176.86
512-7382	12-16KHz Tone Monitoring (one required at the Base Unit only)	132-8	\$250.00	\$226.69	\$219.13	\$209.06

TrailBlazer- LEASED LINES (TB-LL) Point to Point

SER-TBLL	Trailblazer Base /Terminal Unit, supports Leased Line Voice Channels up to 512Kbps and is Ethernet ready (Key required). (Two TB-LL per	132-8	\$1,200.00	\$1,088.10	\$1,051.83	\$1,003.47
TB-EM	One (1) 4-wire E&M dedicated line for TB-LL (64 kbps)	132-8	\$150.00	\$136.01	\$131.48	\$125.43
512-7024	2.4GHz band radio card (One required per Terminal)	132-8	\$528.75	\$479.44	\$463.46	\$442.15
512-7049	4.9GHz band radio card (One required per Terminal)	132-8	\$1,000.00	\$906.75	\$876.53	\$836.23
512-7007	5.8GHz band radio card (One required per Terminal)	132-8	\$800.00	\$725.40	\$701.22	\$668.98
KEY-7380	Ethernet Key, required to enable the Ethernet ready functionality (One key per terminal)	132-8	\$211.50	\$191.78	\$185.39	\$176.86
			New MFC	New Tier 1 Plus	New Tier 2	New Tier 3

New Part #	Product Description	Sin No.	Price	IFF .75%	Plus IFF .75%	Plus IFF .75%
			0.00% Disc	10%	13.00%	17.00%
TrailBlazer -STAR (TB-STAR) Point to Multipoint				\$0.00-\$49,999	\$50,000-\$199,999	+\$200,000
SER-TB-BASE	Trailblazer Base Unit supports POTS Channels (FXO) and is Ethernet ready (Key required)	132-8	\$1,200.00	\$1,088.10	\$1,051.83	\$1,003.47
TB-POTS	One (1) POTS (FXO) line for TB-Base, TL-Base or TB-LLP-M (64 kbps)	132-8	\$100.00	\$90.68	\$87.65	\$83.62
TB-CPE-2	Equipped with 2 Voice Channels POTS (FXS), supports up to 512Kbps of Bandwidth and is Ethernet ready (Key required)	132-8	\$846.00	\$767.11	\$741.54	\$707.45
SER-TB-CPE-4	Equipped with 4 Voice Channels POTS (FXS), supports up to 512Kbps of Bandwidth and is Ethernet ready (Key required)	132-8	\$1,200.00	\$1,088.10	\$1,051.83	\$1,003.47
SER-TB-CPE-8	Equipped with 8 Voice Channels POTS (FXS), supports up to 512Kbps of Bandwidth and is Ethernet ready (Key required)	132-8	\$2,000.00	\$1,813.50	\$1,753.05	\$1,672.45
512-7024	2.4GHz band radio card (Requires one per Terminal)	132-8	\$528.75	\$479.44	\$463.46	\$442.15
512-7049	4.9GHz band radio card (Requires one per Terminal)	132-8	\$1,000.00	\$906.75	\$876.53	\$836.23
512-7007	5.8GHz band radio card (Requires one per Terminal)	132-8	\$800.00	\$725.40	\$701.22	\$668.98
KEY-7380	Ethernet Key, required to enable the Ethernet ready functionality (One key per terminal)	132-8	\$211.50	\$191.78	\$185.39	\$176.86
512-7382	12-16KHz Tone Monitoring (one required at the Base Unit only)	132-8	\$250.00	\$226.69	\$219.13	\$209.06

TrailBlazer- STAR (TB-STAR) Point to Multipoint, LEASED LINES

SER-TBLL	Trailblazer Base /Terminal Unit, supports Leased Line Voice Channels up to 512Kbps and is Ethernet ready (Key required). (Two TB-LL per	132-8	\$1,200.00	\$1,088.10	\$1,051.83	\$1,003.47
TB-EM	One (1) 4-wire E&M dedicated line for TB-LL (64 kbps)	132-8	\$150.00	\$136.01	\$131.48	\$125.43
512-7024	2.4GHz band radio card (Requires one per Terminal)	132-8	\$528.75	\$479.44	\$463.46	\$442.15
512-7049	4.9GHz band radio card (Requires one per Terminal)	132-8	\$1,000.00	\$906.75	\$876.53	\$836.23
512-7007	5.8GHz band radio card (Requires one per Terminal)	132-8	\$800.00	\$725.40	\$701.22	\$668.98
KEY-7380	Ethernet Key, required to enable the Ethernet ready functionality (One key per terminal)	132-8	\$211.50	\$191.78	\$185.39	\$176.86

TrailBlazer- Leased Lines and POTS (TB-LLP)

SER-TB-LLP RM CPE	Trailblazer Leased Line & POTS: Master end, supports up to 4 POTS Channels and 4 Leased Line Channels per end	132-8	\$1,533.38	\$1,390.39	\$1,344.05	\$1,282.25
TB-LLP-S2	Trailblazer Leased Line & 2 POTS channels: Slave end	132-8	\$1,914.08	\$1,735.59	\$1,677.73	\$1,600.60
SER-TB-LLP RM M B	Trailblazer Leased Line & 4 POTS channels: Slave end	132-8	\$1,700.00	\$1,541.48	\$1,490.09	\$1,421.58
TB-EM	One (1) 4-wire E&M dedicated line for TB-LL and TB-LLP-M and S (64 kbps) (to be equipped both at the Master and Slave end)	132-8	\$150.00	\$136.01	\$131.48	\$125.43
TB-POTS	One (1) POTS (FXO) line for TB-Base, TL-Base or TB-LLP-M (64 kbps)	132-8	\$100.00	\$90.68	\$87.65	\$83.62
512-7024	2.4GHz band radio card (Requires one per Terminal)	132-8	\$528.75	\$479.44	\$463.46	\$442.15
512-7049	4.9GHz band radio card (Requires one per Terminal)	132-8	\$1,000.00	\$906.75	\$876.53	\$836.23
512-7007	5.8GHz band radio card (Requires one per Terminal)	132-8	\$800.00	\$725.40	\$701.22	\$668.98
512-7382	12-16KHz Tone Monitoring (one required at the Base Unit only)	132-8	\$250.00	\$226.69	\$219.13	\$209.06
			New MFC Price	New Tier 1 Plus IFF .75%	New Tier 2 Plus IFF .75%	New Tier 3 Plus IFF .75%
New Part #	Product Description	Sin No.				

			0.00% Disc	10%	13.00%	17.00%
TrailBlazer- Repeater for the TB-LITE, TB-PE, TB-STAR, TB-LL and TB-LLP				\$0.00-\$49,999	\$50,000-\$199,999	+\$200,000
SER-TB-RPT-E	Digital Repeater for all TrailBlazers (up to 512Kbps) (includes complete Repeater assembly, requires two radios)	132-8	\$2,000.00	\$1,813.50	\$1,753.05	\$1,672.45
TB-RPT-AD	Digital Repeater with Add/drop for all TrailBlazers (includes complete Repeater assembly, requires two radios)	132-8	\$2,643.75	\$2,397.22	\$2,317.31	\$2,210.77
TB-RPTLL-AD	Digital Repeater 4-wire with Add/drop for all TrailBlazers (includes complete Repeater assembly, requires two radios)	132-8	\$2,643.75	\$2,397.22	\$2,317.31	\$2,210.77
512-7024	2.4GHz band radio card (Requires two per Repeater)	132-8	\$528.75	\$479.44	\$463.46	\$442.15
512-7049	4.9GHz band radio card (Requires two per Repeater)	132-8	\$1,000.00	\$906.75	\$876.53	\$836.23
512-7007	5.8GHz band radio card (Requires two per Repeater)	132-8	\$800.00	\$725.40	\$701.22	\$668.98

TrailBlazer- Ethernet Bridge (TB-EB) 2.4GHz band radio (802.11b/g with up to 54Mbps over the air bandwidth)

T-EA-C	Trailblazer Ethernet Bridge Access Point, Rev.C	132-8	\$1,004.63	\$910.94	\$880.58	\$840.09
T-EC-C	Trailblazer Ethernet Bridge Client Station, Rev.C	132-8	\$1,004.63	\$910.94	\$880.58	\$840.09
T-EB-C	Trailblazer Ethernet Bridge Acces Point and Client Station, Rev.C	132-8	\$2,009.25	\$1,821.89	\$1,761.16	\$1,680.19

TrailBlazer- Ethernet Bridge (TB-EB Max) 4.9GHz band radio (with up to 108Mbps over the air bandwidth)

T-EA-4.9	Trailblazer Ethernet Bridge Access Point	132-8	\$2,421.68	\$2,195.85	\$2,122.66	\$2,025.07
T-EC-4.9	Trailblazer Ethernet Bridge Client Station	132-8	\$1,787.18	\$1,620.52	\$1,566.50	\$1,494.48
T-EB-4.9	Trailblazer Ethernet Bridge Acces Point and Client Station	132-8	\$4,208.85	\$3,816.37	\$3,689.16	\$3,519.55

TrailBlazer- Ethernet Bridge (TB-EB Max) 5.8GHz band radio (with up to 108Mbps over the air bandwidth)

T-EA-5.8	Trailblazer Ethernet Bridge Access Point	132-8	\$1,892.93	\$1,716.41	\$1,659.20	\$1,582.91
T-EC-5.8	Trailblazer Ethernet Bridge Client Station	132-8	\$1,258.43	\$1,141.08	\$1,103.04	\$1,052.33
T-EB-5.8	Trailblazer Ethernet Bridge Acces Point and Client Station	132-8	\$3,151.35	\$2,857.49	\$2,762.24	\$2,635.24

TrailBlazer- Ethernet Bridge Repeater (TB-EB Max) 4.9GHz band radio (with up to 108Mbps over the air bandwidth)

T-EAR-4.9	Trailblazer Ethernet Bridge Full Duplex Repeater	132-8	\$3,787.97	\$3,434.74	\$3,320.25	\$3,167.59
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New Part #	Product Description	Sin No.	New MFC Price	New Tier 1 Plus IFF .75%	New Tier 2 Plus IFF .75%	New Tier 3 Plus IFF .75%
			0.00% Disc	10%	13.00%	17.00%

TrailBlazer- Ethernet Bridge Repeater (TB-EB Max) 5.8GHz band radio (with up to 108Mbps over the air bandwidth)				\$0.00-\$49,999	\$50,000-\$199,999	+\$200,000
T-EAR-5.8	Trailblazer Ethernet Bridge Full Duplex Repeater	132-8	\$2,836.22	\$2,571.74	\$2,486.01	\$2,371.71

POWER OVER ETHERNET (POE) OPTION

650-1599	POE kit, includes 48V PS, Injector, Splitter, Pwr and Signal Jumper Cables	132-8	\$186.12	\$168.76	\$163.14	\$155.64
CAT5E-LPU	Cat5-based PoE Lighting Arrestor	132-8	\$140.00	\$126.95	\$122.71	\$117.07
CAT5E-50	50' Cat5 POE cable, Incl RJ45 connectors with watertight bulk head for .6" hole	132-8	\$61.20	\$55.49	\$53.64	\$51.18
CAT5E-150	150' Cat5 POE cable, Incl RJ45 connectors with watertight bulk head for .6" hole	132-8	\$122.40	\$110.99	\$107.29	\$102.35
CAT5E-300	300' Cat5 POE cable, Incl RJ45 connectors with watertight bulk head for .6" hole	132-8	\$214.20	\$194.23	\$187.75	\$179.12

FREQUENCY OPTIONS

920-4001	902-928MHz Up/Down Converter Option for All models. Includes 2' RF cable	132-8	\$793.13	\$719.17	\$695.19	\$663.23
TB-EXT	Extended Frequency Band Option. 2.375 to 2.500 GHz for all TrailBlazer models. Export only	132-8	\$211.50	\$191.78	\$185.39	\$176.86

POWER PACKAGE OPTIONS and Mounting Kit

640-7801	International AC Power Supply (Converts 110-250 VAC into 13.8 Volts DC) and Battery Back-up (8 Hours)	132-8	\$125.50	\$113.80	\$110.00	\$104.95
640-7803	International AC Power Supply (Converts 110-250 VAC into 13.8 Volts DC) WITHOUT Battery Back-up	132-8	\$70.00	\$63.47	\$61.36	\$58.54
640-7710	External AC/DC Converter and Battery Back-up with 3x26Ah batteries	132-8	\$1,044.81	\$947.38	\$915.80	\$873.70
920-3000	2.4GHz Bi-directional Amplifier, 250mW.	132-8	\$303.00	\$274.75	\$265.59	\$253.38
950-7062.2	62 Watt Solar Power Option Kit, 52 (2x26)Ah Battery pack (each), includes mount, charge controller, wiring and fuses	132-8	\$1,824.19	\$1,654.08	\$1,598.95	\$1,525.43
950-7062.3	62 Watt Solar Power Option Kit, 78 (3x26)Ah Battery pack (each), includes mount, charge controller, wiring and fuses	132-8	\$1,956.38	\$1,773.94	\$1,714.81	\$1,635.97
950-7062.4	62 Watt Solar Power Option Kit, 104 (4x26)Ah Battery pack (each), includes mount, charge controller, wiring and fuses	132-8	\$2,088.56	\$1,893.80	\$1,830.68	\$1,746.51
950-7124.2	124 Watt Solar Power Option Kit, 52 (2x26)Ah Battery pack (each), includes mount, charge controller, wiring and fuses	132-8	\$2,458.69	\$2,229.41	\$2,155.10	\$2,056.02
950-7124.3	124 Watt Solar Power Option Kit, 78 (3x26)Ah Battery pack (each), includes mount, charge controller, wiring and fuses	132-8	\$2,590.88	\$2,349.28	\$2,270.97	\$2,166.55
950-7124.4	124 Watt Solar Power Option Kit, 104 (4x26)Ah Battery pack (each), includes mount, charge controller, wiring and fuses	132-8	\$2,723.06	\$2,469.14	\$2,386.83	\$2,277.09
640-4100	Extra Battery for solar system 12V, 26Ah deep cycle sealed	132-8	\$171.32	\$155.34	\$150.16	\$143.26
900-7200	Pole/Wall Mount Assembly	132-8	\$45.50	\$41.26	\$39.88	\$38.05
900-7201	Wall Mount Assembly only	132-8	\$19.60	\$17.77	\$17.18	\$16.39

New Part #	Product Description	Sin No.	New MFC Price	New Tier 1 Plus IFF .75%	New Tier 2 Plus IFF .75%	New Tier 3 Plus IFF .75%
			0.00% Disc	10%	13.00%	17.00%
ANTENNA, CABLING, and LIGHTNING OPTIONS			\$0.00-\$49,999	\$50,000-\$199,999	+\$200,000	

050-1100	902-928MHz Yagi Antenna 13dBi Gain	132-8	\$280.24	\$254.11	\$245.64	\$234.34
052-24-24	2.4GHz, 24dBi High-Gain External Semi-Parabolic Grid Antenna (each)	132-8	\$81.00	\$73.45	\$71.00	\$67.73
050-2425	2.4GHz, 25dBi, 3' High-Gain External Solid Parabolic Antenna (each)	132-8	\$687.38	\$623.28	\$602.50	\$574.80
050-3050	2.4GHz, 28dBi, 4' High-Gain External Parabolic Grid Antenna Knock Down (each)	132-8	\$1,670.85	\$1,515.04	\$1,464.54	\$1,397.21
056-24-17	2.4GHz, 17-13dBi, 45-120degree sector External Antenna (each)	132-8	\$288.54	\$261.63	\$252.91	\$241.28
054-49-21.9	4.9GHz, 22dBi Panel External Antenna (each)	132-8	\$328.00	\$297.41	\$287.50	\$274.28
055-49-26-24	4.9-5.8GHz, 27-29dBi 2' parabolic External Antenna (each)	132-8	\$660.94	\$599.31	\$579.33	\$552.69
050-4931	4.9-5.8GHz, 31-33dBi 3' parabolic External Antenna (each)	132-8	\$1,052.21	\$954.09	\$922.29	\$879.89
056-46-16	4.9-5.8GHz, 16-15dBi, 60-90 degree sector External Antenna (each)	132-8	\$336.00	\$304.67	\$294.51	\$280.97
055-58-23	5.8GHz, 23dBi Panel External Antenna (each)	132-8	\$96.00	\$87.05	\$84.15	\$80.28
055-58-26	5.8GHz, 26dBi, 24" High-Gain External Semi- Parabolic Grid Antenna (each)	132-8	\$160.00	\$145.08	\$140.24	\$133.80
055-58-29-24	5.8GHz, 29dBi, 27" High-Gain External Solid Parabolic Antenna (each)	132-8	\$646.00	\$585.76	\$566.24	\$540.20
160-3312	1:2, in line 2.4GHz RF splitter	132-8	\$200.93	\$182.19	\$176.12	\$168.02
160-3313	1:2, in line 4.9-5.8GHz RF splitter	132-8	\$190.00	\$172.28	\$166.54	\$158.88
160-3314	1:4, in line 2.4GHz RF splitter	132-8	\$359.55	\$326.02	\$315.15	\$300.66
160-3316	1:4, in line 5.8GHz RF splitter	132-8	\$340.00	\$308.30	\$298.02	\$284.32
160-2103	Low-loss RF Cable Extension, 3 feet, Connectorized	132-8	\$40.00	\$36.27	\$35.06	\$33.45
160-2110	Low-Loss RF Cable Extension, 10 feet, Connectorized	132-8	\$45.00	\$40.80	\$39.44	\$37.63
160-2120	Low-Loss RF Cable Extension, 20 feet, Connectorized	132-8	\$55.00	\$49.87	\$48.21	\$45.99
160-2130	Low-Loss RF Cable Extension, 30 feet, Connectorized	132-8	\$65.00	\$58.94	\$56.97	\$54.35
160-2140	Low-Loss RF Cable Extension, 40 feet, Connectorized	132-8	\$75.00	\$68.01	\$65.74	\$62.72
160-2150	Low-Loss RF Cable Extension, 50 feet, Connectorized	132-8	\$85.00	\$77.07	\$74.50	\$71.08
160-3000	4 pair Shielded, PVC Cat 4 Twisted Cable (per ft.)	132-8	\$0.63	\$0.58	\$0.56	\$0.53
160-3250	6 pair, 22 Gauge Armored PE 89 Buriable Cable (per ft.)	132-8	\$0.85	\$0.77	\$0.74	\$0.71
640-6500	Phone Line Lightning Protector	132-8	\$25.00	\$22.67	\$21.91	\$20.91
640-6524	Lightning Suppressor for use between Trailblazer and Antenna. 1.2 GHz to 2.8 GHz range. (Male-Female)	132-8	\$211.50	\$191.78	\$185.39	\$176.86
640-6524A	Lightning Suppressor for use between Trailblazer and Antenna. 1.2 GHz to 2.8 GHz range. (Female-Female)	132-8	\$211.50	\$191.78	\$185.39	\$176.86

New Part #	Product Description	Sin No.	New MFC Price	New Tier 1 Plus IFF .75%	New Tier 2 Plus IFF .75%	New Tier 3 Plus IFF .75%
			0.00% Disc	10%	13.00%	17.00%
				\$0.00-\$49,999	\$50,000-\$199,999	+\$200,000
640-2458	Lightning Suppressor for use between Trailblazer and Antenna. 4.9 GHz range. (Male-Female)	132-8	\$97.00	\$87.95	\$85.02	\$81.11

640-2458	Lightning Suppressor for use between Trailblazer and Antenna. 5.7-5.8 GHz range. (Male-Female)	132-8	\$97.00	\$87.95	\$85.02	\$81.11
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SPARES

512-7000	Processor Card for Trailblazer Family	132-8	\$317.25	\$287.67	\$278.08	\$265.29
512-7024	2.4GHz band radio card (Requires one per Terminal)	132-8	\$528.75	\$479.44	\$463.46	\$442.15
512-7049	4.9GHz band radio card (Requires one per Terminal)	132-8	\$1,000.00	\$906.75	\$876.53	\$836.23
512-7007	5.8GHz band radio card (Requires one per Terminal)	132-8	\$800.00	\$725.40	\$701.22	\$668.98
512-7024 Key4	Frequency Key to upgrade 2.4GHz system to 4.9GHz system	132-8	\$528.75	\$479.44	\$463.46	\$442.15
512-7024 Key5	Frequency Key to upgrade 2.4GHz system to 5.8GHz system	132-8	\$317.25	\$287.67	\$278.08	\$265.29
512-7049 Key	Frequency Key to upgrade 4.9GHz system to 2.4 or 5.8GHz system	132-8	\$105.75	\$95.89	\$92.69	\$88.43
512-7058 Key	Frequency Key to upgrade 5.8GHz system to 2.4 or 4.9GHz system	132-8	\$211.50	\$191.78	\$185.39	\$176.86
KEY-7380	Ethernet Key, required to enable the Ethernet ready functionality (One key per terminal)	132-8	\$211.50	\$191.78	\$185.39	\$176.86
512-7401	FXS board for T-LITE (One FXS Line)	132-8	\$380.70	\$345.20	\$333.69	\$318.35
512-7402	FXS board for Trailblazer Family (Two FXS Lines)	132-8	\$433.58	\$393.14	\$380.04	\$362.57
512-7404	FXS board for Trailblazer Family (Four FXS Lines)	132-8	\$539.33	\$489.03	\$472.73	\$451.00
512-7500	FXO Board for Trailblazer Family	132-8	\$650.00	\$589.39	\$569.74	\$543.55
512-7501	FXO Board for T-LITE	132-8	\$581.63	\$527.39	\$509.81	\$486.37
TB-POTS	One (1) POTS (FXO) line for TB or TL-Base (64 kbps)	132-8	\$100.00	\$90.68	\$87.65	\$83.62
TB-EM	One (1) 4-wire E&M dedicated line for TB-LL and TB-LLP-M and S (64 kbps) (to be equipped both at the Master and Slave end)	132-8	\$150.00	\$136.01	\$131.48	\$125.43
512-7200	Interface board for FXO end	132-8	\$63.45	\$57.53	\$55.62	\$53.06
512-7225	Interface board for FXS end	132-8	\$63.45	\$57.53	\$55.62	\$53.06

MULTIPOINT PRODUCTS

132-8

New Part #	Product Description	Sin No.	New MFC Price	New Tier 1 Plus IFF .75%	New Tier 2 Plus IFF .75%	New Tier 3 Plus IFF .75%
			0.00% Disc	10%	13.00%	17.00%
			\$0.00-\$49,999	\$50,000-\$199,999	+\$200,000	

Base Station (-48VDC / -24VDC)

512-7900	RC-MultiAccess Base Station Card Cage/Chassis with -48VDC / -24VDC input, 60W Power Supply Card	132-8	\$1,736.42	\$1,574.49	\$1,522.01	\$1,452.03
512-70MP	RC Multi-Access Processor Card (Requires one Radio Card)	132-8	\$1,670.00	\$1,514.27	\$1,463.80	\$1,396.50
512-7020	RC Multi-Access Add/drop concentrated Processor Card (Requires one Radio Card)	132-8	\$9,908.78	\$8,984.78	\$8,685.29	\$8,285.97
512-7024	2.4GHz band radio card (One required per Processor Card)	132-8	\$528.75	\$479.44	\$463.46	\$442.15
512-7049	4.9GHz band radio card (One required per Processor Card)	132-8	\$1,000.00	\$906.75	\$876.53	\$836.23
512-7007	5.8GHz band radio card (One required per Processor Card)	132-8	\$800.00	\$725.40	\$701.22	\$668.98
512-7250	RC-MultiAccess, 4 T1/E1, Network Interface Card	132-8	\$4,665.00	\$4,229.99	\$4,088.99	\$3,900.99
512-8000	Channel Bank 24 x DSO to 1 x DS1	132-8	\$4,811.63	\$4,362.94	\$4,217.51	\$4,023.60
512-8001	Channel Bank 12 x DSO to 1 x DS1	132-8	\$3,119.63	\$2,828.72	\$2,734.43	\$2,608.71
640-1100	Base Station 8 hr Battery Back-up & AC to DC Charger / Converter	132-8	\$1,343.03	\$1,217.79	\$1,177.19	\$1,123.07
512-7150	Spare: -48VDC / -24VDC, 60W power card	132-8	\$407.14	\$369.17	\$356.87	\$340.46

FREQUENCY OPTIONS

920-4001	902-928MHz Up/Down Converter Option for All models. Includes 2' RF cable	132-8	\$793.13	\$719.17	\$695.19	\$663.23
TB-EXT	Extended Frequency Band Option. 2.375 to 2.500 GHz for all TrailBlazer models. Export only	132-8	\$211.50	\$191.78	\$185.39	\$176.86

Multit-Point SPARES

	(For other Spares and Accessories, see point to point)					
512-70MP	RC Multi-Access Processor Card (Requires one Radio Card)	132-8	\$1,670.00	\$1,514.27	\$1,463.80	\$1,396.50
512-7020	RC Multi-Access Add/drop concentrated Processor Card (Requires one Radio Card)	132-8	\$9,908.78	\$8,984.78	\$8,685.29	\$8,285.97
512-7000	Processor Card for TB-CPE	132-8	\$317.25	\$287.67	\$278.08	\$265.29

See top of Price Sheet for all CPE equipment (TL-CPE, TB-CPE, TB-LL) to be used with MultiPoint Base Equipment

Pricing Schedule and Discounts

132-33

New Part #	Product Description	Sin No.	MFC Price	MFC
			0.00% Disc	Plus IFF .75% No Disc.
512-7300	RC-MultiAccess 4 E1, V5.2 User License	132-33	\$2,400.00	\$2,418.00
512-7310	RC-MultiAccess 4 E1, R2 CAS User License	132-33	\$2,400.00	\$2,418.00
512-7330	RC-MultiAccess CWT Software License Fee	132-33	\$1,600.00	\$1,612.00
512-7340	RC-MultiAccess 4 T1, GR303 User License	132-33	\$2,400.00	\$2,418.00
512-7350	RC-MultiAccess 4 T1 TR08 User License	132-33	\$2,400.00	\$2,418.00
	Network Management System (NMS)	132-33		
055-6000	Self contained DIAL-UP NMS system	132-33	\$7,695.00	\$7,752.71

Note **Software is not a discountable product**