

CHICAGO TRANSIT AUTHORITY
Advertisement for Bids

Sealed bids will be received for the following by Chicago Transit Authority at the Bid Office - 2nd Floor, 567 W. Lake St., Chicago, Illinois 60661-1498, until 11:00 A.M. on Monday, April 6, 2009 at which time all such bids will be opened publicly and read aloud:

Req. B09FR00817, Spec. No. CTA 4585-08 with related drawings
Repairs to and Installation of New Fencing at Various CTA Locations in the Chicagoland area, including CTA Rapid Transit Lines, as required for a period of thirty-six (36) months from date of contract execution.

PROPOSAL GUARANTEE: NONE

For additional information, please contact Leonard Kutkowski, Procurement Administrator, at 312/681-2658.

Any contract resulting from this bid is subject to a financial assistance between the Chicago Transit Authority, the United States Department of Transportation and the Regional Transportation Authority.

The contractor will be required to furnish certified copies of any and all Insurance Policies required in relation to this contract prior to CTA's execution.

Contractor will be required to comply with all applicable Equal Employment Opportunity laws and regulations and affirmative action requirements of the Federal Transit Administration and Illinois Human Rights Commission.

All bidders will be required to certify that they are not on the Comptroller General's list of ineligible contractors.

Any contract resulting from this advertisement will be awarded to the lowest responsive and responsible bidder.

Chicago Transit Authority hereby notifies all bidders that it will affirmatively ensure that in regard to any contract entered into pursuant to this advertisement, Disadvantaged Business Enterprise and Women's Business Enterprise will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color or national origin in consideration for an award.

PLEASE NOTE: Where bids are sent by mail, delivery service or delivered in-person to the CTA Bid Office, the bidders shall be responsible for their delivery only to the Bid Office before the advertised date and hour for the opening of the bids. The Bid Office hours are Monday through Friday from 8:00 a.m. to 4:30 p.m. Chicago time, except holidays.

(2)

The right is reserved to accept any bid or any part or parts thereof or to reject any and all bids. Acceptance of any bid is subject to concurrence by the Regional Transportation Authority and the United States Department of Transportation.

All inquiries should be directed to and copies of bid documents obtained from the Bid Office - 2nd Floor, 567 W. Lake St., Chicago, Illinois 60661-1498.

CHICAGO TRANSIT AUTHORITY

By: Geoffrey Urban
General Manager, Purchasing

March 16, 2009



CHICAGO TRANSIT AUTHORITY

PROCUREMENT SPECIFICATIONS AND CONTRACT DOCUMENTS FOR

REPAIRS TO AND INSTALLATION OF NEW FENCING AT VARIOUS CTA LOCATIONS IN THE CHICAGOLAND AREA, INCLUDING CTA RAPID TRANSIT LINES, AS REQUIRED FOR A PERIOD OF 36 MONTHS FROM DATE OF CONTRACT

REQUISITION NO.	B09FR00817
SPECIFICATION NO.	CTA NO. 4585-08
DRAWING NO.	P4-513 Rev. 1 DATED 9-6-01; FIGURES 1 THRU 16
JOB ORDER NO.	NONE
INSURANCE REQUIRED	YES
BID DEPOSIT AMOUNT:	NONE
INFORMATION:	PROCUREMENT ADMINISTRATOR: LEONARD KUTKOWSKI
Phone Number	(312) 681-2658

BID PACKAGES TO BE RETURNED TO:

By Mail

Chicago Transit Authority
Bid Office
P.O. Box 7554
Chicago, IL 60680-7554

Delivery Service or Drop-Off

Chicago Transit Authority
Bid Office – 2nd Floor
567 W. Lake Street
Chicago, IL 60661-1498

All Signatures to be sworn to
before a Notary Public

ISSUED BY

Purchasing Department, Chicago Transit Authority

P.O. Box 7560 Chicago, Illinois 60680-7560

Marina Popovic, Acting Vice President, Purchasing/ Warehousing

Richard L. Rodriguez, President

Carole L. Brown, Chairman

DOCUMENT PREPARATION

This section modifies CONTRACT FOR SUPPLIES, page R-1, § 4. Preparation of Proposal.

Two (2) copies of this bid package are included. One (1) copy is for your file. One (1) remaining copy is to be returned in the enclosed envelope. This copy must contain original signatures.

SIGNATURES REQUIRED

➤ **DBE PARTICIPATION SCHEDULES B, C & D**

All information relative to Disadvantaged Business Enterprise (DBE) participation for this contract is outlined in the DBE Special Conditions pages entitled, DISADVANTAGED BUSINESS ENTERPRISE COMMITMENT. Always include an attached letter on your letterhead documenting Good Faith Efforts if you are requesting a waiver from the DBE goal.

➤ **BUY AMERICA CLAUSE**

Certificate of Compliance or Non-Compliance with Sections 165(a) and 165(b)(3). [Does not apply to operating funded procurements, personal minicomputer purchases or purchases less than \$100,000.00.]

➤ **CERTIFICATION OF PARTICIPANT REGARDING DEBARMENT, SUSPENSION AND OTHER RESPONSIBILITY MATTERS**

[see attachments A & B]

➤ **CERTIFICATION REGARDING LOBBYING**

➤ **TO BE EXECUTED BY A CORPORATION**

The signature under Corporate Name must be President or Vice President. If neither, a resolution or bylaw must be attached showing authorization to execute a contract.

Note -Name of Signatory in Notary is same name as Signature of Authorized Officer.

➤ **TO BE EXECUTED BY PARTNERSHIP OR JOINT VENTURE**

Note -Name of Signatory in Notary is same name as first signature line - Partner.

➤ **TO BE EXECUTED BY SOLE PROPRIETOR**

Note - Name of Signatory in Notary is same name as Name of Bidder.

DON'T FORGET TO NOTARIZE THE APPROPRIATE EXECUTION PAGE!

OWNERSHIP DISCLOSURE - While there is *no signature required*, failure to address this will cause a delay in the execution of the contract.

INSURANCE (when required) - *No signature needed* at time of bid submittal. The awarded contractor must provide **certified** copies of insurance policies in order to allow for contract execution. CTA is to be named an **additional insured**. This should be taken into consideration when submitting your bid.

NOTE: Questions on the Detail Specification must be in writing to the Procurement Administrator listed on the front of the bid document no later than seven (7) calendar days prior to the bid due date. After that, there will not be sufficient time for the Procurement Administrator to obtain responses to questions.

SPECIAL NOTE: *Failure to sign these documents may result in your firm not being awarded the contract.*

CONTRACT FOR SUPPLIES REQUIREMENTS FOR BIDDING AND INSTRUCTIONS TO BIDDERS

Proposals will be received by the **CHICAGO TRANSIT AUTHORITY**, a Municipal Corporation, in accordance with the Contract Documents set forth herein.

1. DEFINITIONS:

The term "Authority" means the Chicago Transit Authority acting by and through the Chicago Transit Board or its duly authorized agent, servant or employee in connection with these Contract Documents. The term "Purchasing Agent" means the Purchasing Agent of the Chicago Transit Authority, whose duties and responsibilities are more particularly described in the "Purchase and Sales Regulations and Ordinances of the Chicago Transit Board," and the term "Designee" means any person or persons authorized by the Purchasing Agent to act for the Purchasing Agent in connection with this Contract. The singular shall include the plural and the masculine includes the feminine.

2. COMPLIANCE WITH LAWS:

The bidders shall at all times observe and comply with all laws, ordinances, regulations and codes of the Federal, State, City, and other local government agencies, which may in any manner affect the preparation of proposals or the performance of the Contract.

3. BID DEPOSIT:

A proposal shall, when required in the advertisement, be accompanied by cash, a cashier's check, a certified check, a money order or an approved bid bond in the amount shown in the advertisement, and as may be prescribed in the Contract Documents.

All certified, cashier's checks or money orders shall be drawn on a responsible organization doing business in the United States and shall be made payable to the order of the Chicago Transit Authority.

Any bid bond submitted must reference the specific CTA inquiry numbers and have an Alfred M. Best Company "B+" Policyholders Rating and an "X" Financial Rating or better.

The period of the bond must be for not less than ninety (90) days from the date of bid opening.

4. PREPARATION OF PROPOSAL:

The bidder shall prepare his proposal in DUPLICATE on the attached proposal forms, submit one (1) copy and retain one (1) for your records. Unless otherwise stated on the proposal form, all blank spaces on the proposal, applicable to the subject specification, must be correctly filled in. Either a unit price or a lump sum price, as the case may be, must be stated for each and every item, either typed in or written in ink, in figures, and if required, in words.

If bidder is a Corporation, the President or Vice-President and Secretary or Assistant Secretary, shall execute both copies of the bid. The Corporation shall affix its seal to both copies. In the event that this bid is executed by someone other than the President or Vice-President, a certified copy of that section of the Corporate By-Laws or resolution of the Corporation which permits the person to execute the offer for the Corporation shall be furnished with the proposal.

If bidder is a Partnership or Joint-Venture, all partners or joint-ventures shall execute both copies of the bids unless one partner or joint-venture has been authorized to sign for the Partnership or Joint-Venture, in which case, evidence of such authority satisfactory to the Purchasing Agent shall be submitted with the proposal.

If bidder is a Sole Proprietor, he shall execute both copies of the bid.

A "Partnership," "Joint-Venture" or "Sole Proprietor" operating under an Assumed Name must be registered with the Illinois County in which located, as provided in Chapter 96, Section 4 **et seq.**, **Illinois Revised Statutes**, as amended.

ALL SIGNATURES MUST BE SWORN TO BEFORE A NOTARY PUBLIC

5. SUBMISSION OF PROPOSALS:

All prospective bidders shall submit **ONE (1) SEALED PROPOSAL** in the envelope provided for that purpose to the CHICAGO TRANSIT AUTHORITY, Bid Office, P.O. Box 7554, Chicago, Illinois 60680-7554; or, if the proposal is submitted in an envelope other than those so provided for this purpose, then the sealed envelope submitted by the prospective bidder shall carry the following information on the face of the envelope: **bidder's name, address, subject matter of proposal, including identifying numbers, advertised date of bid opening, and the hour designated for the bid opening as shown on the advertisement.**

Where proposals are sent by mail to the CTA Bid Office, the bidders shall be responsible for their delivery to the Bid Office before the advertised date and hour for the opening of bids. If the mail is delayed beyond the date and hour set for the bid opening, proposals thus delayed will not be considered and will be returned unopened.

Where proposals are sent by delivery service or delivered in-person to the CTA Bid Office, the bidders shall be responsible for their delivery to the Bid Office before the advertised date and hour for the opening of bids. If the delivery of the proposal is delayed beyond the date and hour set for the bid opening, proposals thus delayed will not be considered and will be returned unopened. The Bid Office hours are Monday through Friday from 8:00 am to 4:30 pm Chicago time, except holidays.

6. WITHDRAWAL OF PROPOSALS:

Bidders may withdraw their proposals at any time prior to the date and hour specified in the advertisement for the receipt of bids. However, no bidder shall withdraw or cancel his proposal for a period of ninety (90) calendar days after said advertised date and hour for the receipt of proposals.

7. RESPONSIBILITY OF BIDDER:

The Authority reserves the right to refuse to accept any proposal from any person, firm or corporation that is in arrears or is in default to the Chicago Transit Authority upon any debt or contract, or that is a defaulter, as surety or otherwise, upon any obligations to the Authority, or had failed to perform faithfully any previous contract with the Authority.

The bidder, if requested, must present within two (2) working days, evidence satisfactory to the Purchasing Agent or his designee, of performance ability and possession of necessary facilities, pecuniary resources and adequate insurance to comply with the terms of these specifications and Contract Documents.

8. CONSIDERATION OF PROPOSALS:

The Authority reserves the right to extend the bid opening date and to reject any or all proposals or any part thereof. The Authority further reserves the right to excuse informalities in the bids and bidding when, in the judgment of the Authority, the best interests of the Authority will be served and the spirit of competition will be maintained.

9. NEGOTIATED CONTRACTS:

The Authority reserves the right to reject all bids received and negotiate a contract with any an all responsible bidders, if the bids received are at unreasonable prices but otherwise acceptable, or for other reasons determined to be clearly in the public's best interest and in accordance with established guidelines.

In the event that negotiations are conducted, the Authority or its duly authorized representative shall have the right to examine and audit books, records, documents and other evidence and accounting procedures and practices, sufficient to reflect properly all costs claimed to have been incurred or anticipated in performing this contract. The Contractor agrees to include in first-tier subcontracts under this contract a clause to the effect that the Authority or duly authorized representative have access to and the right to examine any of the subcontractor's directly pertinent books, documents, papers, or other records involving transactions related to the subcontract.

10. ACCEPTANCE OF PROPOSALS:

The Authority will accept in writing one or more of the proposals or reject all proposals within ninety (90) days from the date of opening the bids, unless the lowest responsible bidder, upon request of the Purchasing Agent or his designee, extend the time of acceptance.

The contract shall not be in force and effect until the Chairman of the Board of the Chicago Transit Authority, or his designee, has affixed his signature to the Contract Document.

11. PERFORMANCE-PAYMENT BOND AND INSURANCE:

When required by the Contract Documents, the successful bidder or bidders shall, within ten (10) working days after acceptance of the bidder's proposal by the Authority, furnish a performance-payment bond in the full amount of the contract on an approved American Institute of Architects (A.I.A.) bond form and/or furnish and keep in force, during the life of the contract, any and all insurance in amounts designated, as provided in the Insurance Requirements, form CTA 415.27 (Revised) attached hereto, with insurance companies acceptable to the Chicago Transit Authority. Any insurance company with less than a (B+) policyholder rating by Alfred M. Best Co. will not be acceptable to the Chicago Transit Authority.

12. FAILURE TO FURNISH BOND OR INSURANCE:

In the event that the bidder fails to furnish the performance-payment bond and/or insurance requirements in said period of ten (10) working days after acceptance of the bidder's proposal, then, the bid deposit of the bidder may be retained by the Authority. This bid deposit may be used as liquidated damages, not as a penalty, to partially cover costs and losses by the Authority.

13. INTERPRETATION OF CONTRACT DOCUMENTS:

If any person contemplating submitting a proposal is in doubt as to the meaning of any part of the Contract Documents, he may submit to the Purchasing Agent a written request for an interpretation thereof. The person submitting the request will be responsible for its prompt delivery. Any interpretation of the proposed documents will be made only by Addendum duly issued by the Purchasing Agent or his designee. A copy of such addendum will be mailed or delivered to each person receiving a set of such Contract Documents and to such other prospective bidders as shall have requested that they be furnished with a copy of each Addendum. Failure on the part of the prospective bidder to receive a written interpretation prior to the time of the opening of bids will not be grounds for withdrawal of proposal. Oral explanation will not be binding. **Bidder must acknowledge receipt of each addendum issued in space provided on the signature page of Proposal Documents.**

14. CATALOGS:

Subsequent to bid opening, when requested by the Purchasing Agent or his designee, each bidder shall submit in **DUPLICATE**, catalogs, descriptive literature, and detailed drawings, fully detailing features, designs, construction, appointments, and finishes, necessary to fully describe the material or work he proposes to furnish. This information will be furnished to the Authority within ten (10) calendar days from date of request. Failure to furnish this information may result in the disqualification of the Bid.

15. TRADE NAMES:

In cases where an item is identified by a manufacturer's name, trade name, catalog number, or reference, it is understood that the bidder proposes to furnish the item so identified and does not propose to furnish an "equal" unless the proposed "equal" is definitely indicated by the bidder with his proposal.

The reference to the manufacturer's name, trade name, catalog number, or reference, is intended to be descriptive but not restrictive and only to indicate to the prospective bidder articles that will be satisfactory. Bids on other makes and catalogs will be considered, provided each bidder clearly states on the face of his proposal exactly what he proposes to furnish, or forwards with the proposal, a cut, illustration, or other descriptive matter which will clearly indicate the character of the article covered by his bid.

The Purchasing Agent, or his designee, hereby reserves the right to approve an "equal" or to reject as not being an "equal," any article the bidder proposes to furnish which contains variations from specification requirements.

16. RETURN OF BID DEPOSIT:

The bid deposit of all bidders, except the two apparent lowest bidders on each contract, will be returned within ten (10) calendar days after the opening of bids. The bid deposit of the two apparent lowest bidders will be returned after the proposal has been accepted by the Authority including the acceptance by the Authority of satisfactory performance-payment bond and/or insurance where such bond or insurance are required.

Within 10 days after the date of opening of bids a bidder may request that a bid bond be substituted for the bid deposit. The Manager, Material Management, may allow substitution of a bid deposit upon application in writing to the Manager, Materials Management, and submittal of a bid bond in an amount equal to the bid deposit. Any bid bond submitted must reference the specific CTA inquiry number and have an Alfred M. Best Company "B+" Policyholders Rating and an "X" Financial Rating.

The period of the bond must be for not less than ninety (90) days from the date of bid opening.

17. TAXES:

Federal Excise Tax does not apply to materials purchased by the Chicago Transit Authority by virtue of Exemption Certificate No. 36-73-0234K. Illinois Retailers' Occupation Tax, Use Tax, and Municipal Retailers' Occupational Tax does not apply to materials or services purchased by the Authority by virtue of Statute Chapter 111 2/3 and Section 333, Illinois Revised Statutes as amended. These taxes shall not be included in any of the prices quoted herein. Illinois Tax Exemption Identification number is 15E9978-2987-01. The prices quoted herein shall agree with all Federal Laws and Regulations.

18. ORDER OF PRECEDENCE OF COMPONENT PARTS OF THE CONTRACT DOCUMENTS:

The order of precedence of the component parts of the Contract Documents shall be as follows:

- | | |
|--|--|
| 1. General Conditions | 6. Proposal and Signature and Acceptance forms |
| 2. Special Conditions | 7. Advertisement for Proposals |
| 3. Plans and Drawings, if any | 8. Instructions to Bidders |
| 4. Detailed Specifications | 9. Bond, if required |
| 5. Standard Requirements of State and Federal Government, if any | 10. Insurance, if required |

Any Addenda, which may be issued, shall be a part of these Contract Documents and shall take precedence over any other part of the Contract Documents wherever they conflict therewith.

The foregoing order of precedence shall govern the interpretation of the Contract Documents in all cases of conflict or inconsistency therein, except as may be otherwise expressly provided in other component parts of the Contract Documents.

19. NOTICE:

All communications and notices provided herein shall be in writing, delivered personally or by mail, to the name and address of the accepted bidder as provided on the signature page of the proposal hereof, or to the Chicago Transit Authority. Attention, Purchasing Agent. P.O. Box 7560, Chicago, Illinois 60680-7560.

CONTRACT FOR SUPPLIES (Continued)

GENERAL CONDITIONS

1. NON-DISCRIMINATION:

The Contractor, in performing under this Contract, shall not discriminate against any worker, employee or applicant or any member of the public, because of race, creed, color, age, sex, ancestry, handicap or national origin, nor otherwise commit an unfair employment practice. The Contractor further agrees that this Article will be incorporated by the Contractor in all contracts entered into with suppliers of materials or services, contractors and subcontractors, and all labor organizations furnishing skilled, unskilled and craft union skilled labor, or who may perform any such labor or services in connection with the Contract.

The Contractor's attention is called to the provisions of the Illinois Human Rights Act which are hereby incorporated by reference.

To demonstrate compliance, the Contractor and his subcontractors will furnish such reports and information as requested by Chicago Transit Authority or any Federal, State or local government or agencies that may require such information as a condition of financial assistance in whole or in part.

2. DISADVANTAGED BUSINESS ENTERPRISES:

All parties are hereby notified that in regard to any contract resulting from this invitation to bid, Disadvantaged Business Enterprises will be afforded full opportunity to participate, and will not be discriminated against because of race, color, sex or national origin in consideration for an award.

3. INDEMNIFICATION

The contractor shall indemnify, keep and hold harmless the Chicago Transit Authority, its officers, employees and agents against all injuries, deaths, losses, damages, claims, suits, liabilities, judgments, costs and expenses, of whatever kind, including but not limited to attorney's fees, which may accrue against the Chicago Transit Authority, its officers, employees and agents arising out of, as a result of, or in consequence of the acts or omissions of the Contractor in furtherance of the contract, including acts or omissions of the Contractor's servants, employees, subcontractors, agents, or officers, in the performance of the work covered by the contract.

4. SUBLETTING OR ASSIGNMENT OF CONTRACT OR CONTRACT FUNDS:

No contract shall be assigned or sublet in whole or in part without the written approval of the Purchasing Agent, and in no case shall such written approval relieve the Contractor from his obligations or change the terms of the Contract Documents.

The Contractor shall not transfer or assign any contract funds or claims due or to become due without the written approval of the Purchasing Agent having been first obtained.

5. GUARANTEES AND WARRANTIES:

All guarantees and warranties required shall be furnished by the Contractor and shall be delivered to the Purchasing Agent or his designee before final payment on the contract is issued.

6. DELIVERY:

All materials shipped to the Chicago Transit Authority must be shipped F.O.B. designation location. Chicago Metropolitan Area, Illinois. If prior delivery notification is specified, arrangements must be made by the vendor with the Authority's designated receiving location at least 24 hours in advance to arrange for receipt of the materials. The material must then be delivered where directed and as agreed upon.

Unless otherwise specified or agreed upon, truck deliveries to locations other than 567 W. Lake Street will be accepted not earlier than 7:00 A.M. and not later than 3:00 P.M. on weekdays only. No deliveries will be accepted on Saturdays, Sundays or Holidays. Deliveries to 567 W. Lake Street shall be made between 8:00 A.M. and 4:00 P.M., on weekdays only.

The quantity of material delivered by truck shall be ascertained from a weight certificate issued by a duly licensed Chicago Public Weigh-Master upon request. In the case of delivery by rail, weight will be ascertained from bill-of-lading from originating line, but the Authority reserves the right to re-weigh at the nearest available railroad scale.

7. DEMURRAGE AND RE-SPOTTING:

The Authority will be responsible for demurrage charges only when such charges accrue because of the Authority's failure to unload the material.

The Authority will pay railroad charges due to the re-spotting of cars, only when such re-spotting is ordered by the Authority.

8. MATERIALS INSPECTION AND RESPONSIBILITY:

The Purchasing Agent, or his designee, shall have a right to inspect any materials to be used in carrying out this contract.

The Authority does not assume any responsibility for the availability of any controlled materials or other materials and equipment required under this contract. All materials and equipment furnished under the contract shall be new, unless otherwise specifically stated.

The Contractor shall be responsible for the contracted quality and standards of all materials, components or completed work furnished under this contract.

Materials, components or completed work not complying therewith may be rejected by the Purchasing Agent or his designee and shall be replaced by the Contractor at no cost to the Authority.

Any materials or components rejected shall be removed within a reasonable time from the premises of the Authority, at the entire expense of the Contractor, after written notice has been mailed by the Authority to the Contractor that such materials or components have been rejected.

9. ORDER OF PRECEDENCE OF BEST PRICE:

In determining the best price, the Authority reserves the right to consider the bids in the following order of precedence:

- A. Firm fixed price or charge:
- B. Base price or charge plus escalation specified in Special Conditions, if any:
- C. Base price or charge plus maximum percent or dollar escalation.

In the event that a contract is awarded that includes an escalation provision, the Authority reserves the right to require evidence satisfactory to the Authority which justifies any and all price or charge increases provided under the escalation provision. Such evidence shall be requested in writing within ten (10) working days from receipt of invoices, clearly designating that part of the billing which reflects the escalated price or charge.

10. PAYMENT:

Payment to Contractor shall be as specified in Special Conditions of this contract .

11. CASH BILLING DISCOUNT:

Cash Billing or percentage discount for payment of invoices within a specified period of time will **not** be considered by CTA in evaluating bids. When determining if it has earned a cash billing discount offered by the contractor, CTA will consider the date of the invoice plus two days for mailing or the date of receipt of the goods or services, whichever is later, and will end on the date the check is mailed in payment of the invoice. If a discount period ends on a Saturday, Sunday or legal holiday, the discount periods will be extended to the next succeeding work day.

12. INVOICES:

Invoices must be sent to the Chicago Transit Authority, Accounting Department, P.O. Box 7565, Chicago, Illinois 60680-7565. Invoices must bear the order number and, if an annual contract, release number as issued. Invoices must not cover more than one order or release number.

13. PRICE REDUCTION:

If the Contractor to whom a contract has been awarded makes a general price reduction effective on or after the date of his bid in the comparable price of any material covered by the contract to customers generally, an equivalent price reduction based on similar quantities and/or considerations shall apply to the contract for the duration of the contract period (or until the price is further reduced). Such price reductions shall be effective at the same time and in the same manner as the reduction in the price to customers generally. For the purpose of this provision, a "general price reduction" shall mean any horizontal reduction in the price of an article or service offered -- (1) to Contractors customers generally, or (2) in the Contractor's price schedule for the class of customers, i.e., wholesalers, jobbers, retailers, etc., which was used as the basis for bidding on this contract. An occasional sale at a lower price, or sale of distressed merchandise at a lower price, would not be considered a "general price reduction" under this provision. The Contractor shall invoice the Authority at such reduced prices, indicating on the invoice that the reduction is pursuant to the "Price Reduction" provision of the Contract Documents. The Contractor, in addition, shall within ten (10) days of any general price reduction notify the Purchasing Agent of the Chicago Transit Authority of such reduction by letter. Failure to do so may require termination of the contract.

The Contractor, when required by the Purchasing Agent within ten (10) days after the end of the contract period, shall furnish a statement certifying either -- (1) that no general price reduction, as defined herein, was made after the date of the bid or offer, or (2) if any such general price reductions were made, that, as provided herein, they were reported to the Purchasing Agent within ten (10) days, and the Authority was billed at the reduced prices. Where one or more such general price reductions were made, the statement furnished by the Contractor shall include, with respect to each price reduction, -- (1) the date when notice of any such reduction was issued, (2) the effective date of the reduction, and (3) the date when the Purchasing Agent was notified of any such reduction.

14 DEFAULT:

(a) The Authority may, subject to the provision of Paragraph (c) below, by written notice of default to the Contractor, terminate the whole or any part of this contract in any one of the following circumstances:

(i) if the Contractor fails to make delivery of the supplies or to perform the services within the time specified herein or any extension thereof: or

(ii) if the Contractor fails to perform any of the other provisions of this contract, or so fails to make progress as to endanger performance of this contract in accordance with its terms, and in either of these two circumstances does not cure such failure within a period of ten (10) days (or such other period as the Purchasing Agent may authorize in writing) after receipt of notice from the Purchasing Agent specifying such failure.

(b) In the event the Authority terminates this contract in whole or in part as provided in Paragraph (a) of this clause, the Authority may procure, upon such terms and in such manner as the Purchasing Agent may deem appropriate, supplies or services similar to those so terminated, and the Contractor shall be liable to the Authority for any excess costs for such similar supplies or services. **Provided:** That the Contractor shall continue the performance of this contract to the extent not terminated under the provisions of this clause.

(c) The Contractor shall not be liable for any excess costs if acceptable evidence has been submitted to the Purchasing Agent that failure to perform the contract was due to causes beyond the control and without the fault or negligence of the Contractor.

15. DISPUTES:

Except as otherwise provided in this contract, any dispute concerning a question of fact arising under this contract which is not disposed of shall be decided after hearing by the Purchasing Agent who shall reduce his decision to writing. This decision shall be final and binding. A copy of the decision shall be communicated to the Contractor as herein provided.

16. EXECUTION:

All businesses which submit responses or bids and all businesses awarded contracts by the CTA are hereby notified that no contract, modification, amendment, change order or extension, if any, shall be effective, or in any way obligate the CTA, until it has been executed by the CTA signatory duly authorized by the CTA's Regulations, By Laws, and Procedures.

SPECIAL CONDITIONS

DISADVANTAGED BUSINESS ENTERPRISE COMMITMENT

INVITATION FOR BID

I. POLICY AND TERMS

- A. The policy of the Chicago Transit Authority is to create a level playing field on which Disadvantaged Business Enterprises (DBE) as defined in United States Department of Transportation (USDOT) Regulation 49 C.F.R. Part 26 can compete fairly for contracts financed in whole or in part with federal funds.
- B. The Authority has established the following DBE participation goal for this project:

Disadvantaged Business Enterprise Goal: 15%

- C. The DBE participation goal shall be expressed as a percentage of the total contract price. The bidder may also meet the goal by showing good faith efforts to meet the goal as described in 49 C.F.R. Part 26 and as set forth in Section V below. **Any evidence of good faith efforts must be submitted with the sealed bid or the bid will be rejected in its entirety.**
- D. The DBE participation goal shall apply to the total dollar value of this contract, inclusive of all amendments, modifications, options, and change orders. The bidder agrees to make its best effort to include DBE participation in any contract modification work.
- E. The goal may be met, as further explained in Section IV hereof, by the bidder's status as a DBE, by a joint venture with one or more DBEs, by subcontracting a portion of the work to one or more DBEs, by the purchase of materials used in the performance of the contract from one or more DBEs or by any combination of the above or through a showing of good faith efforts as defined in Section V hereof.
- F. A bidder who fails to meet the DBE goal and fails to demonstrate sufficient and reasonable good faith efforts shall not be eligible to be awarded the contract. All documentation of good faith efforts by a bidder **must** be included in the envelope or package containing the bid.
- G. The Authority prohibits agreements between a bidder and a DBE in which the DBE promises not to provide subcontracting quotations to other bidders.

II. DEFINITIONS

- A. **"Area of Specialty"** means the description of the DBE's business, which has been determined by the General Manager, DBE Program, to be most reflective of the DBE's claimed specialty or expertise. Credit toward the DBE participation goal for this contract shall be limited to the participation of firms performing within their Area of Specialty. The Authority reserves the right to investigate and determine active DBE participation and applicable DBE credit specifically identified for this contract prior to award.

NOTICE: The Authority does not make any representations concerning the ability of any DBE to perform work within its Area of Specialty. It is the responsibility of the bidder to determine the capability and capacity of the DBE firms to satisfactorily perform the work proposed.

- B. **"Bid"** includes the following Authority purchasing requests: Invitation for Bids (IFB).
- C. **"Bidder"** includes bidders and contractors. The terms "Bidder" and "Contractor" may be used interchangeably in these Special Conditions.
- D. **"Disadvantaged Business Enterprise" or "DBE"** means a small business certified by the Illinois Universal Certification Program (IL UCP) as a business owned and controlled by socially and economically disadvantaged individuals in accordance with USDOT Regulation 49 CFR, Part 26.
- E. **"Directory"** means the Directory of Certified Disadvantaged Business Enterprises maintained and published by IL UCP and entitled the "IL UCP DBE Directory." The directory will be available on the Authority's web site. Bidders are responsible for verifying the current certification status of all proposed DBE's.
- F. **"Good Faith Efforts"** means efforts to achieve a DBE contract goal as specified in 49 CFR, Part 26 and Section V hereof.
- G. **"IL UCP"** means the Illinois Unified Certification Program.
- H. **"Joint Venture"** means an association of two or more businesses to carry out a single business enterprise for profit, and for which purpose they combine their expertise, property, capital, efforts, skill and knowledge. Bidders may develop joint venture agreements as an instrument to provide participation by DBEs in contract work. A joint venture seeking to be credited for DBE participation may be formed among DBE firms or between a DBE firm and non-DBE firm.

In order to qualify for credit as a DBE, the DBE must be responsible for a distinct, clearly defined portion of the work and the DBE must share in the capital contribution, control, management, risks and profits of the joint venture commensurate with its ownership interest.
- I. **"Purchasing Agent"** means the Authority employee who holds the position of General Manager, Purchasing, or the successor position.
- J. **"Small Business Concern"** means a small business as defined pursuant to Section 3 of the Small Business Act and relevant regulations promulgated pursuant thereto except that a small business concern shall not include any concern or groups of concerns controlled by the same socially and economically disadvantaged individual or individuals which has annual average gross receipts in excess of \$19.570 million, or as revised from time to time, over the three (3) previous fiscal years.
- K. **"Socially and Economically Disadvantaged Individuals"** means any individual who is a citizen of the United States (or lawfully admitted permanent residents) and who is in the following groups, the members of which are rebuttably presumed to be socially and economically disadvantaged:
 - 1. **"Black Americans"**, which includes persons having origins in any of the Black racial groups of Africa;
 - 2. **"Hispanic Americans"**, which includes persons of Mexican, Puerto Rican, Cuban, Dominican, Central or South American, or other Spanish or Portuguese culture or origin, regardless of race;

3. **“Native Americans”**, which includes persons who are American Indians, Eskimos, Aleuts, or Native Hawaiians;
4. **“Asian-Pacific Americans”**, which includes persons whose origins are from Japan, China, Taiwan, Korea, Burma (Myanmar), Thailand, Malaysia, Indonesia, Vietnam, Laos, Cambodia (Kampuchea), the Philippines, Brunei, Samoa, Guam, the U.S. Trust Territories of the Pacific (Republic of Palau), and the Commonwealth of the Northern Marianas Islands, Macao, Fiji, Tonga, Kiribati, Jauvlu, Nauru, Federated States of Micronesia or Hong Kong; and
5. **“Subcontinent Asian Americans”**, which includes persons whose origins are from India, Pakistan, Bangladesh, Bhutan, the Maldives Islands, Nepal or Sri Lanka.
6. **Women.**
7. Any additional groups whose members are designated as socially and economically disadvantaged by the SBA, at such time as the SBA designation becomes effective.

The General Manager, DBE Program, may determine on a case-by-case basis that individuals who are not members of one of the above-listed groups are socially and economically disadvantaged.

- L. **“USDOT” or “DOT”** refers to the U.S. Department of Transportation.

III. JOINT VENTURES

The General Manager, DBE Program, will evaluate the joint venture agreement submitted on behalf of the proposed joint venture and all related documents to determine whether these DBE requirements have been satisfied. In addition, the General Manager, DBE Program, will consider the record of the joint venturers as joint venturers on other Authority contracts, if any.

NOTE: DBE/non-DBE joint ventures are creditable at any tier. Whenever a joint venture is proposed as the prime Contractor, Authority requires that each joint venturer sign the bid submitted to the Authority.

IV. COUNTING DBE PARTICIPATION TOWARD THE CONTRACT GOAL

The inclusion of any DBE by the bidder in its bid documents shall not conclusively establish the bidder's eligibility for full DBE credit for the firm's participation in the contract. The amount of DBE participation credit shall be based upon an analysis by the General Manager, DBE Program, of the specific duties which will be performed by the DBE.

The bidder may count toward its DBE goal only expenditures to firms which are currently certified by the IL UCP and which perform a commercially useful function. A firm is considered to perform a commercially useful function when it is responsible for the performance of a distinct element of the work and carries out its responsibilities by actually performing, managing and supervising the work involved.

To determine whether a firm is performing a commercially useful function, the General Manager, DBE Program, will evaluate the amount of work subcontracted, industry practices and other relevant factors. The General Manager, DBE Program, reserves the right to deny or limit DBE credit to the bidder where any DBE is found to be engaged in substantial pass-through activities with others.

DBE participation shall be counted toward the DBE goal in the contract as follows:

- A. Once a DBE is determined to be eligible in accordance with these rules, the total dollar value of the contract awarded to the DBE may be counted toward the DBE goal except as indicated below.
- B. A bidder may count toward its DBE goal that portion of the total dollar value of a contract with an eligible joint venture equal to the distinct, clearly defined portion of the work of the contract that the DBE performs with its own forces.
- C. Consistent with normal industry practices, a DBE may enter into subcontracts. If a DBE subcontracts more than thirty percent (30%) or a significantly greater portion of the work of the contract than would be expected on the basis of normal industry practices, the DBE shall be presumed not to be performing a commercially useful function. Evidence may be presented by the bidder involved to rebut this presumption.
- D. When a DBE subcontracts a part of the work under the contract to another firm, the value of the subcontracted work may only be counted towards the DBE goal if the DBE's subcontractor is itself a DBE. Work that a DBE subcontracts to a non-DBE firm does not count towards the DBE goal.
- E. The bidder may count one-hundred percent (100%) of its expenditures for materials and supplies required under the contract and which are obtained from a DBE manufacturer towards the DBE goal. The bidder may count sixty percent (60%) of its expenditures for material and supplies under the contract obtained from a DBE regular dealer towards its DBE goal. The terms "manufacturer" and "regular dealer" are defined in 49 C.F.R. Part 26.55(e)(1)(ii) and (2)(ii).
- F. The bidder may count towards its DBE goal expenditures to DBEs which are not manufacturers or regular dealers, such as fees or commissions charged for services and assistance in the procurement of essential personnel, facilities, equipment, materials or supplies and transportation charges as set forth in 49 C.F.R. Part 26. However, the General Manager, DBE Program, must determine the fee or charge to be reasonable and not excessive as compared with fees or charges customarily allowed for similar services.
- G. The bidder must use good business judgment when negotiating with subcontractors and take a DBE's price and capabilities into consideration. The fact that there may be some additional costs involved in finding and using DBE firms is not sufficient reason to fail to meet the DBE goal set forth in the contract, as long as such costs are reasonable.

V. GOOD FAITH EFFORTS

In order to be responsive, a bidder must make good faith efforts to meet the DBE participation goal set forth in the contract. The bidder must document the good faith efforts it made in that regard. Thus, the Bid submitted to the Authority must be accompanied by written documentation prepared by the bidder evidencing all of its sufficient and reasonable good faith efforts toward fulfilling the goal. These efforts must be active steps, and ones, which could reasonably be expected to lead to sufficient DBE participation to meet the contract DBE participation goal. Mere *pro forma* efforts are not acceptable and will be rejected by the General Manager, DBE Program.

Good Faith Efforts require that the bidder consider all qualified DBEs, who express an interest in performing work under the contract. This means that the bidder cannot reject a DBE as unqualified unless the bidder has sound reasons based on a thorough investigation of the DBE's capabilities. Further, the DBE's standing within its industry, membership in specific groups, organizations or associations and political or social affiliation (for example, union vs. non-union employee status) are not legitimate causes for the rejection or non-solicitation of bids in the Contractor's efforts to meet the contract DBE participation goal.

The following list, which is not exclusive or exhaustive, sets forth the types of actions, which indicate good faith efforts on the part of a bidder to meet the DBE goal. The extent and type of actions required will vary depending on such things as industry practice; the time available for submitting a bid and the type of contract involved.

- A. Attendance at a pre-bid meeting, if any, scheduled by the Authority to inform DBEs of subcontracting opportunities under a given solicitation.
- B. Advertisement in general circulation media, trade association publications, and minority-focus media for at least twenty (20) days before bids are due. If 20 days are not available, publication for a shorter reasonable time is acceptable.
- C. Written notification to capable DBEs that their interest in the contract is solicited.
- D. Documentation of efforts to negotiate with DBEs for specific sub-contracts including at a minimum:
 - 1. The names, addresses, and telephone numbers of DBEs that were contacted and the date(s) of contact.
 - 2. A description of the information provided to DBEs regarding the plans and specifications for portions of the work to be performed.
 - 3. A statement explaining why additional agreements with DBEs were not reached.
- E. For each DBE the bidder contacted but rejected as unqualified, the reason for the bidder's conclusion.
- F. Documentation of efforts made to assist the DBEs contacted that needed assistance in obtaining bonding or insurance required by the bidder or the Authority.
- G. Documentation of efforts to utilize the services of small business organizations, community and contractor groups to locate qualified DBEs.
- H. Documentation that the bidder has broken out contract work items into economically feasible units in fields where there are available DBE firms to perform the work.
- I. Evidence that adequate information was provided to interested DBEs about the plans, specifications and requirements of the contract, and that such information was communicated in a timely manner.
- J. Documentation of any efforts made to assist interested DBEs in obtaining necessary equipment, supplies, materials or related assistance or services.

VI. GOOD FAITH EFFORTS RECONSIDERATION

If it is determined that the apparent successful low bidders have failed to meet the requirements of the contract goal/good faith efforts, the Authority will provide them with **ONE** opportunity for administrative reconsideration, before the Authority awards the contract. This reconsideration will include the following:

- A. The bidder will be permitted to either provide written evidence or to present oral argument at a pre-scheduled time that the documentation it submitted with its bid met the DBE goal and/or showed good faith efforts to do so. **No new evidence of good faith efforts may be presented after the bid submission deadline.**
- B. The Authority's Reconsideration Officer will review the evidence presented by the bidder and issue a written determination that the bidder has: 1) met the DBE goal; 2) not met the DBE goal but has made adequate good faith efforts to do so; or 3) has not met the DBE goal and the good faith efforts made were not adequate.
- C. The decision of the Authority's Reconsideration Officer is final and may not be appealed to the Authority, its funding agencies or the USDOT.
- D. The Authority will not award a contract to any bidder who does not meet the contract DBE participation goal or show good faith efforts to meet that goal. Thus, it is essential that all bidders submit ALL relevant documentation concerning the DBE goal and/or good faith efforts in the envelope or package containing their sealed bid.

VII. PROCEDURE TO DETERMINE BID COMPLIANCE

The bidder must complete and sign Schedule D to the Contract documents and must sign Schedule C. If the bidder is a joint venture, the bidder **MUST** complete and sign Schedule B. Schedule C **MUST** be completed and signed by the DBE subcontractor(s). All three Schedules **MUST** be submitted at the same time as or prior to submittal of the sealed bid. In addition, any documentation evidencing the bidder's good faith efforts to meet the contract DBE goal must be submitted with the bid. Any bids submitted without completed and executed Schedules C & D and/or evidence of good faith efforts, if applicable, will be deemed non-responsive and will be rejected by the Authority.

A. Letters of Certification

- 1. A copy of each proposed DBE firm's current Letter of Certification or Re-certification from the IL UCP should be submitted with the bid. **ALL CERTIFICATIONS BY THE IL UCP MUST BE PRE-CERTIFICATIONS as set forth in 49 CFR Part 26.55. This means that the DBE's certification must be issued by the IL UCP before the due date for bids.**
- 2. All Letters of Certification or Re-certification issued by the IL UCP include a statement of the DBE firm's area of specialization and appropriate DBE goal credit (see Section IV. COUNTING DBE PARTICIPATION TOWARD THE CONTRACT GOAL). The DBE firm's scope of work set forth on Schedule C must conform to its stated area of specialization. Where a DBE is proposed to perform work not covered by its area of specialization, the DBE firm must request an expansion of its area of specialization from the Authority in writing plus any other documentation required by the Authority to process said request prior to the time set by the Authority for bid opening. Further, the DBE's request must be agreed to by the General Manager, DBE Program, and the DBE firm must be certified prior to **DUE DATE OF BIDS.**

B. Joint Ventures

- 1. Where the bidder proposes to include in its bid a DBE, which is a joint venturer, the bidder must submit a fully executed copy of the joint venture agreement with its bid. The joint venture agreement must show that the DBE firm will be responsible for a clearly defined portion of the work to be performed, and that the DBE firm's capital contribution, control, management, risks and profits are commensurate with its ownership interest.

2. Further, the proposed joint venture agreement shall include specific details related to: 1) contributions of capital and equipment; 2) work items to be performed by the DBE's own forces; 3) work items to be performed under the supervision of the DBE; 4) the DBE management, supervisory and operating personnel to be dedicated to the performance of the project; and (5) the authority of each joint venturer to contractually obligate the joint venture and to expend funds. Failure to submit a copy of the joint venture agreement will cause the firm to be considered by the Authority to be non-responsible.

VIII. REPORTING REQUIREMENTS DURING THE TERM OF THE CONTRACT

- A. The bidder shall, within seven (7) calendar days of contract award, or prior to any work being performed by the DBE subcontractor, execute written subcontracts or purchase orders with the DBE subcontractors included in the bid. In the event the bidder cannot complete the agreement with one or more DBE subcontractors within this seven day period, the bidder must provide a written explanation for the delay and an estimated date by which the written agreement will be completed to the General Manager, DBE Program. These written agreements shall be made available to the General Manager, DBE Program, upon request. All contracts between the bidder and its subcontractors must contain a prompt payment clause as set forth in Section IX herein.
- B. During the term of annual contracts, the bidder shall submit regular "Status Reports of DBE Subcontract Payments" in a form acceptable to the Authority. The frequency with which these reports are to be submitted, will be determined by the General Manager, DBE Program, but in no event will reports be required less frequently than quarterly. **In the absence of written notice from the General Manager, DBE Program, the bidder's first "Status Report of DBE Subcontract Payments" will be due ninety (90) days after the date of contract award, with additional reports due quarterly thereafter.**
- C. In the case of a one-time procurement with either a single or multiple deliveries, a "Status Report of DBE Subcontract Payments," in a form acceptable to the Authority, indicating final DBE payments shall be submitted directly to the General Manager, DBE Program. The information must be submitted prior to or at the same time as the bidder's final invoice to the Authority user department identified in the solicitation. (NOTICE: The original invoices must be submitted directly to the Authority's department identified in the contract documents and the Status Report of DBE Subcontract Payments must be submitted directly to the General Manager, DBE Program.) **Failure to follow these directions may delay final payment.**
- D. The address for the General Manager, DBE Program, is: CTA General Manager, Diversity and Small Business Compliance Programs Dept., 567 W. Lake Street, P.O. Box 7562, Chicago, IL 60680-7562.

IX. PROMPT PAYMENT TO SUBCONTRACTORS

- A. The Contractor is required to pay all Subcontractors for all work that the Subcontractor has satisfactorily completed, no later than five (5) calendar days after the Contractor has received payment from the Authority. All of the Contractor's contracts with its Subcontractors must state that the Subcontractor will receive payment within 5 days of the date that the Contractor has received payment from the Authority.
- B. In addition, all Retainage amounts must be paid by the Contractor to the Subcontractor no later than fourteen (14) calendar days after the Subcontractor has, in the opinion of the VP Construction/Director, satisfactorily completed its portion of the Work. All of the Contractor's contracts with its Subcontractors must state that the Subcontractor will receive payment of Retainage within fourteen (14) calendar days of the date that the Subcontractor has, in the opinion of the VP Construction/Director, satisfactorily completed its portion of the Work.

- C. A delay in or postponement of payment to the Subcontractor requires good cause and prior written approval of the General Manager, Purchasing.
- D. The Contractor is required to include, in each subcontract, a clause requiring the use of appropriate arbitration mechanisms to resolve all payment disputes.
- E. The Authority will not pay the Contractor for work performed unless and until the Contractor ensures that the Subcontractors have been promptly paid for the work they have performed under all previous payment requests, as evidenced by the filing with the Authority of lien waivers, canceled checks (if requested), invoices and the Contractor's sworn statement that it has complied with the prompt payment requirements. Prime Contractors must submit a prompt payment affidavit, (form to be provided by the Authority) which identifies each subcontractor (both DBE and non-DBE) and the date and amount of the last payment to such subcontractor, with every payment request filed with the Authority, except for the first payment request, on every contract with the Authority.
- F. Failure to comply with these prompt payment requirements is a breach of the Contract which may lead to any remedies permitted under law, including, but not limited to, Contractor debarment. In addition, Contractor's failure to promptly pay its Subcontractors is subject to the provisions of 50 ILCS 505/9.

X. DBE SUBSTITUTIONS

- A. Arbitrary changes by the bidder of the commitments previously indicated in **Schedule D** are prohibited. No changes may be made by the bidder to the DBE firms listed on Schedule D after the opening of bids but prior to contract award. However, in the event the Purchasing Agent, after consulting with the DBE Department, determines that a critical DBE subcontractor is non-responsible, the Authority may require that bidder replace the non-responsible DBE subcontractor prior to contract award. In that event, bidder must replace the non-responsible DBE subcontractor with a responsible, certified DBE subcontractor or show adequate good faith efforts as set forth Section V hereof, must submit all information required in subsection C.5 hereof, and must receive the prior written approval of the General Manager, DBE Program for such substitution.
- B. Further, after entering into each approved DBE subcontract, the Contractor shall neither terminate the subcontract for convenience, nor reduce the scope of the work to be performed by the DBE, nor decrease the price to the DBE, without receiving prior written approval of the General Manager, DBE Program. Such approval is required even if the DBE agrees with the change to the DBE's contract desired by the Contractor.
- C. It may become necessary, at times, to substitute a new subcontractor in order to complete the contract work. The substitution procedure to be followed is:
 - 1. The Contractor must immediately notify the General Manager, DBE Program, in writing, of the proposed substitution of subcontractor. The Contractor's notification must include the specific reasons it intends to reduce the scope of or terminate a DBE subcontract; adequate documentation to support the Contractor's proposed action; and a proposed substitute firm to complete the DBE's portion of work.
 - 2. The following is a non-exclusive list of the types of reasons, which justify substitution: the DBE was found not to be able to perform, or not to be able to perform on time; the DBE's work product was not acceptable; the DBE demands an unreasonable escalation of its price.
 - 3. The following is a non-exclusive list of the types of reasons which do not justify substitution: a replacement firm has been recruited by the Contractor to perform the same work under more advantageous terms; performance issues by the DBE were disputed and every reasonable effort to have

the dispute resolved or mediated has not been taken; the DBE has requested a reasonable price escalation which may be justified due to unforeseen circumstances (e.g., a change in scope of DBE's work).

4. If the subcontractor to be substituted for the DBE is not a DBE, the Contractor must show adequate good faith efforts as set forth in Section V hereof.
5. The Contractor's request for approval of a substitution must include the name, address, and principal official of the proposed substitute subcontractor and the dollar value and scope of work of the proposed subcontract. If the new subcontractor is a DBE, all DBE affidavits and documents required by **Schedule C** shall be attached.
6. The Authority will evaluate the submitted documentation and respond within fifteen (15) calendar days to the request for approval of a substitution. The Authority's response may approve the request, seek more information, request an interview to clarify the problem or reject the proposed DBE substitution, with the reasons for the rejection stated in the Authority's response. In the case of an expressed emergency need to receive the necessary decision for the sake of job progress, the Authority will respond as soon as practicable.
7. Actual substitution by the Contractor may not be made prior to the Authority's approval. Once notified of the Authority's approval, the substitute subcontract must be executed within five (5) calendar days, and a copy submitted to the General Manager, DBE Program.

- C. The Authority will not approve extra payment for escalated costs incurred by the Contractor when a substitution of subcontractors becomes necessary in order to comply with the DBE requirements of the contract.

XI. NON-COMPLIANCE

- A. Failure to comply with the DBE requirements of the contract or failure to use DBEs as stated in the bid constitutes a material breach of contract. The General Manager, DBE Program, shall have the discretion to recommend to the Authority's Purchasing Agent that the Purchasing Agent apply suitable sanctions to the Contractor if the Contractor is found to be in non-compliance with the DBE requirements. Such sanctions include, but are not limited to, withholding payment to the Contractor until corrective action is taken; suspension and/or termination of the contract, in whole or in part; and debarring or suspending the Contractor from entering into future contracts with the Authority.
- B. The failure by the Contractor to use a DBE subcontractor to the extent the Contractor committed to use said DBE, gives the underutilized DBE specific contract remedies, including the right to damages, the right to resolve the dispute by binding arbitration before an independent arbitrator and the right to recover its reasonable expenses, including attorneys' fees, if the DBE is the prevailing party, as follows:
1. Damages. In the event the Contractor has not complied with the contractual DBE percentage and the change to the contractual DBE usage has not been approved by the Authority, an affected DBE may recover from the Contractor damages suffered by said DBE as a result of being underutilized. This provision is intended for the benefit of any DBE affected by underutilization and grants such entity third party beneficiary rights. Any rights conferred by this provision are non-waivable and take precedence over any conflicting provisions in the agreement between the Contractor and the DBE.
 2. Arbitration procedures. If requested by the DBE, the DBE shall have the right to initiate binding arbitration of any dispute concerning damages suffered as a result of being underutilized. A DBE

desiring to arbitrate must notify the Contractor in writing to initiate the arbitration process. Unless the affected parties agree to a different schedule in writing, within ten (10) days of receipt by the Contractor of the intent to arbitrate from the DBE, the above-described disputes must be arbitrated in accordance with the Commercial Arbitration Rules of the American Arbitration Association ("AAA"), a not-for-profit agency, with an office at 225 North Michigan Avenue, Suite 2527, Chicago, Illinois 60601-7601. All such arbitrations must be initiated by the DBE filing a demand for arbitration with the AAA; must be conducted by the AAA; and must be held in Chicago, Illinois.

3. Fees. All fees of the arbitrator are the initial responsibility of the DBE; provided, however, that the arbitrator is authorized to award reasonable expenses, including attorneys' and arbitrator fees, as damages to a prevailing DBE.
4. Entry of judgment. Judgment upon the award rendered by the arbitrator may be entered in any court of competent jurisdiction.

C. In addition, federal and state laws apply to false representations, deception and fraud.:

1. Illinois Law. Under Illinois law, it is a Class 2 felony to make certain false representations as to the status of a person or entity in obtaining a governmental contract. In addition, any person convicted of this felony offense must pay to the governmental unit that issued the contract a penalty equal to one and a half times the amount of the contract.
720 ILCS 5/17-29.
2. Federal Law. False, fraudulent, or deceitful statements made in connection with DBE participation in federal Department of Transportation assisted programs could also result in liability under 49 CFR Part 31, Program Fraud and Civil Remedies and possible prosecution under 18 U.S.C. 1001.

- D.** If the Contractor does not pay any subcontractor listed on a pay request or return a subcontractor's retainage within the time limits required under the prompt payment provision set forth in Section VIII hereof, the Contractor must pay the subcontractor an additional amount for interest at the lower of one percent (1%) per month or the highest lawful rate on the outstanding balance, for each month, prorated per diem for any partial month, that the Contractor fails or refuses to pay the subcontractor. All agreements between the Contractor and its subcontractors must provide for interest as set forth herein.
- E.** The Contractor, sub recipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The Contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the Contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the Authority deems appropriate.

The Contractor agrees to include this assurance in all subcontracts.

XII. RECORD KEEPING

The Contractor shall maintain records of all relevant data with respect to the utilization of DBEs and shall retain these records for a period of at least three (3) years after final acceptance of the work. Full access to said records shall be granted to the Authority and its Inspector General, its Federal and/or State funding agencies, the U.S. Department of Justice, the USDOT and any duly authorized representatives thereof. In addition, the Contractor shall, at all times, cooperate with the Authority's Inspector General.

The bidder must also create a bidders list, consisting of information about all subcontractors that submitted a bid or quote. The bidders list will include the name, address, DBE/non-DBE status, age of firm and the appropriate range of annual gross receipts. Failure to submit this information will result in the firm being deemed non-responsible for the contract.

XIII. MINORITY FINANCIAL INSTITUTIONS

The bidder is encouraged to utilize financial institutions owned and controlled by socially and economically disadvantaged individuals. Use of such institutions may be considered by the Authority as evidence of bidder's willingness to do business with DBEs. Information about such institutions is available in the Authority's DBE Program Directory, which is available on-line at www.transitchicago.com and a hard copy is available at the Authority's Diversity and Small Business Compliance Programs Department Office, 567 West Lake Street, 4th floor, Chicago, Illinois 60661-1498.

Technical Assistance Agencies

The following agencies are available to the prospective bidders for assistance.

Asian American Alliance 222 W. Cermak Road, #303 Chicago, IL 60616 Ph: (312) 326-2200 Website: asianamericanalliance.com	Cosmopolitan Chamber of Commerce* 1455 South Michigan Avenue, Ste. #240 Chicago, IL 60604 Ph: (312) 786-0212 E-mail: cchamber@ameritech.net
Black Contractors United (BCU)* 400 W. 76 th St., Suite 200 Chicago, IL 60620 Ph: (773) 483-4000 E-mail: bcunewera@ameritech.net	Federation of Women Contractors* 330 S. Wells, Suite 1110 Chicago, IL 60606 Ph: (312) 360-1122 E-mail: fwcchicago@aol.com
Bond Guarantee Program Surety Bond <i>c/o Carol Harris</i> 500 W. Madison St., Suite 1250 Chicago, IL 60661 Ph: (312) 353-4528 Fax: (312) 353-1160 E-mail: carol.harris@sba.gov	Hispanic-American Construction Industry* (HACIA) 901 W. Jackson Blvd., Suite #205 Chicago, IL 60607 Ph: (312) 666-5910 Website: www.hacia.org
Chicago Minority Business Development 11 S. LaSalle Ste. #850 Chicago, IL 60603 Ph: (312) 263-0105 Fax: (312) 263-0280 Website: cmbdc.org	Latin American Chamber of Commerce of Illinois* 3512 W. Fullerton Chicago, IL 60647 Ph: (773) 252-5211 Website: www.lacc1.com
Chicago Urban League* 1818 S. Paulina Chicago, IL 60653 Ph: (773) 285-5800 Website: cul-chicago.org	Mexican-American Chamber of Commerce 122 S. Michigan Avenue, Suite.#1705 Chicago, IL 60603 Ph: (312) 554 - 0844 Website: maccbusiness.com
Chicagoland Chamber of Commerce & Industry 330 N. Wabash, Suite #2800 Chicago, IL 60611 Ph: (312) 494-6700 Website: chicagolandchamber.org	NAWBO NET 330 S. Wells, Suite 1110 Chicago, IL 60606 Ph: (312) 322-0990 Website: nawbochicago.org

Rainbow/Push Coalition 930 E. 50 th Street Chicago, IL 60615 Website: www.rainbowpush.org	Women's Business Development Center <i>c/o Hedy M. Ratner</i> 8 South Michigan Avenue, Suite #400 Chicago, IL 60603 Ph: (312) 853-3477 Fax: (312) 853-0145 Website: www.wbdc.org
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Entity has informational materials available.

Project Information/DBE Directory of Certified local and Out-of-State Construction and Design DBEs.

Chicago Transit Authority Project Information <i>c/o Marina Popovic</i> Purchasing Department 567 W. Lake Street P.O. Box 7554 Chicago, IL 60680-7560 Ph: (312) 681-2403 Fax: (312) 681-2405 E-mail: rlovelace@transitchicago.com	Chicago Transit Authority DBE Information <i>c/o Pamela Beavers</i> Diversity and Small Business Compliance Programs Dept. 567 W. Lake Street P.O. Box 7562 Chicago, IL 60680-7562 Ph: (312) 681-2600 Fax: (312) 681-2697 E-mail: pbeavers@transitchicago.com
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Schedule B

AFFIDAVIT OF DBE/NON-DBE JOINT VENTURE

This Schedule B need not be submitted if all joint venturers are DBEs. In such a case, however, the written joint venture agreement and a copy of the current IL UCP Letter of Certification for each DBE must be submitted.

ALL INFORMATION REQUESTED BY THIS SCHEDULE MUST BE ANSWERED IN THE SPACES PROVIDED BY JOINT VENTURERS AT ANY TIER. ADDITIONAL SHEETS MAY BE ATTACHED.

- I. Name of joint venture:** _____
Address of joint venture: _____

Phone number of joint venture: _____
- II. Identify each non-DBE venturer(s):**
Name of Firm: _____
Address: _____
Phone: _____
Contact person for matters concerning DBE compliance: _____
- III. Identify each DBE venturer(s):**
Name of Firm: _____
Address: _____
Phone: _____
Contact person for matters concerning DBE compliance: _____
- IV. Describe the role(s) of the DBE venturer(s) in the joint venture:**

- V. Attach a copy of the joint venture agreement.** In order to demonstrate the DBE venturer's share in the ownership, control management responsibilities, risks and profits of the joint venture, the proposed joint venture agreement must include specific details related to: (1) the contributions of capital and equipment; (2) work items to be performed by the DBE's own forces, (3) work items to be performed under the supervision of the DBE venturer; and (4) the commitment of management, supervisory and operative personnel employed by the DBE to be dedicated to the performance of the project.
- VI. Attach a copy of the current IL UCP Letter of Certification for each DBE joint venturer.**
- VII. Ownership of the Joint Venture:**
A. What is the percentage(s) of DBE ownership in the joint venture?
DBE ownership percentage(s): _____
Non-DBE ownership percentage(s): _____

Schedule B
AFFIDAVIT OF DBE/NON-DBE JOINT VENTURE

VII. Ownership of the Joint Venture *(continued)*:

B. Specify DBE/non-DBE percentages for each of the following (provide narrative descriptions and other detail as applicable):

1. Sharing of profit and loss: _____

2. Capital contributions:

(a) Dollar amounts of initial contribution: _____

(b) Dollar amounts of anticipated on-going contributions: _____

3. Contributions of equipment *(specify types, quality and quantities of equipment to be provided by each venturer)*:

4. Other applicable ownership interests, including ownership options or other agreements, which restrict or limit ownership and/or control:

5. **Provide copies of all written agreements between venturers concerning this project.**

6. Identify each current Chicago Transit Authority contract and each contract completed during the past two (2) years by either of the joint venture partners participating in this joint venture:

VIII. Control of and Participation in the Joint Venture. Identify by name and firm those individuals who are, or will be, responsible for and have the authority to engage in the following management functions and policy decisions. (Indicate any limitations to their authority such as dollar limits and co-signatory requirements.):

A. Joint venture check signing:

B. Authority to enter contracts on behalf of the joint venture:

Schedule B
AFFIDAVIT OF DBE/NON-DBE JOINT VENTURE

C. Signing, co-signing and/or collateralizing loans:

D. Acquisition of lines of credit:

E. Acquisition and indemnification of payment and performance bonds:

F. Negotiating and signing labor agreements:

G. Management of contract performance. *(Identify by name and firm only):*

1. Supervision of field operations:

2. Major purchases:

3. Estimating:

4. Engineering:

IX. Financial Controls of Joint Venture:

A. Which firm and/or individual will be responsible for keeping the books of account?

B. Identify the "managing partner," if any, and describe the means and measure of their compensation:

C. What authority does each venturer have to commit or obligate the other to insurance and bonding companies, financing institutions, suppliers, subcontractors, and/or other parties participating in the performance of this contract or the work of this project?

Schedule B
AFFIDAVIT OF DBE/NON-DBE JOINT VENTURE

The undersigned affirm that the foregoing statements are correct and include all material information necessary to identify and explain the terms and operations of our joint venture and the intended participation of each venturer in the undertaking. Further, the undersigned covenant and agree, under which work is done for CTA by the venturers, to provide to CTA current, complete and accurate information regarding actual joint venture work and the payment therefor, and any proposed changes to any provision of the joint venture, or those of each venturer relevant to the joint venture by authorized representatives of CTA, its Inspector General or any of its funding agencies.

Any material misrepresentation will be grounds for terminating any contract, which may be awarded, and for initiating action under federal or state laws concerning false statements.

NOTE: *If, after filing this Schedule B and before the completion of the joint venture's work on the project, there is any change in the information submitted, the joint venture must inform the General Manager, DBE Program directly in writing or through the prime contractor if the joint venture is a subcontractor.*

_____ Name of DBE Partner Firm	_____ Name of Non-DBE Partner Firm
_____ Signature of Affiant	_____ Signature of Affiant
_____ Name and Title of Affiant (Type or Print)	_____ Name and Title of Affiant (Type or Print)
_____ Date	_____ Date

On this _____ day of _____, 20____, the above-signed Officers of

(Name of Joint Venture)

personally known to me as the persons described in the foregoing Affidavit, acknowledged that they executed the same in the capacity therein stated and for the purpose therein contained.

IN WITNESS OF, I hereunto set my hand and official seal.

Signature of Notary Public

My Commission Expires: _____

SEAL

Bidder's or Proposer's failure to submit both pages of this form with its bid will result in the bid being rejected in its entirety

Job Order No.: _____

[illegible]

Sub (or Grand) Total: \$ _____

Multi-Phase Project(s). For those projects that are multi-phase, please indicate the phase in which the DBE will be performing work: _____

**Schedule C:
LETTER OF INTENT FROM DBE**

Sub-Contracting Levels

% _____ of the dollar amount of the DBE's subcontract will be sublet to non-DBE contractors.

% _____ of the dollar amount of the DBE's subcontract will be sublet to DBE contractors.

NOTICE: IF THE DBE WILL NOT BE SUB-SUBCONTRACTING ANY OF THE WORK DESCRIBED IN THIS SCHEDULE, A ZERO (0) MUST BE SHOWN IN EACH BLANK ABOVE.

NOTICE: IF MORE THAN THIRTY PERCENT (30%) OF THE DOLLAR AMOUNT OF THE DBE's SCOPE OF WORK WILL BE SUBLET, A BRIEF EXPLANATION AND DESCRIPTION OF THE WORK TO BE SUBLET MUST BE ATTACHED TO THIS SCHEDULE.

The undersigned will enter into a formal written agreement for the above work with you as Prime Contractor, conditioned upon your execution of a contract with the Chicago Transit Authority, and will do so within (5) five calendar days of your receipt of a signed contract from the Chicago Transit Authority.

(Signature of Owner, President or Authorized Agent of DBE)

Name/Title (Print)

Date

Phone

If proposing to perform as a DBE/non-DBE Joint Venture:

(Signature of Owner, President or Authorized Agent of non-DBE)

Name/Title (Print)

Date

Phone

On this _____ day of _____, 20____, the above-signed Officer

(Name of DBE company)

personally known to me as the persons described in the foregoing Affidavit, acknowledged that h/she executed the same in the capacity therein stated and for the purpose therein contained.

IN WITNESS OF, I hereunto set my hand and official seal.

Signature of Notary Public

My Commission Expires: _____

SEAL

Schedule D: DBE UTILIZATION PLAN

Bidder's or Proposer's failure to submit both pages of this form with its bid will result in the bid being rejected in its entirety

Name of Project/Contract: _____

Requisition No.: _____

Job Order No.: _____

State of _____

County (City) of _____

In connection with the above captioned contract, I HEREBY DECLARE AND AFFIRM that I am the

_____ and duly authorized representative of
(Title of Affiant)

(Name of Prime Contractor)

and that I have personally reviewed the material and facts set forth in and submitted with the attached Disadvantaged Business Enterprises (DBE) Schedules for each DBE. Listed below is/are the agreement(s) that correspond(s) with the Schedule C submitted by **each** DBE and **listed separately** for **each** DBE participating on the above mentioned contract:

[illegible]

Total Dollar Amount for All DBE Contracts Listed Above: \$_____

**Schedule D:
AFFIDAVIT OF PRIME CONTRACTOR**

To the best of my knowledge, information and belief, the facts and representations contained in the
aforementioned attached Schedules are true and no material facts have been omitted.

The undersigned will enter into formal agreements with all listed DBE firms for work as indicated by this
Schedule D and accompanying Schedules, and will enter into such agreements within five (5) calendar days
after receipt of the contract executed by the Chicago Transit Authority. In the event the Prime Contractor
cannot meet said five (5) day schedule, it must provide a written explanation for the delay and an estimate
date by which the written agreement will be completed.

The Prime Contractor designated the following person as their DBE Liaison Officer:

(Name - Please Print or Type)

(Phone)

I do solemnly declare and affirm under penalty of perjury that the contents of the foregoing document are
true and correct, and that I am authorized on behalf of the Prime Contractor to make this affidavit.

(Name of Prime Contractor – Print or Type)

(Signature)

(Name and Title of Affiant – Print or Type)

(Date)

On this _____ day of _____, 20____, the

(Title of Affiant)

(Name of Company)

personally known to me as the person described in the foregoing Affidavit, acknowledged that he/she
executed the same in the capacity therein stated and for the purpose therein contained.

IN WITNESS OF, I hereunto set my hand and official seal.

Signature of Notary Public

My Commission Expires: _____

SEAL _____

NAME OF PRIME BIDDER

BIDDERS LIST

BID NO. _____

DATE: _____

JOB ORDER NO. _____

BID DUE DATE: _____

BUS. PHONE NO. _____

ADDRESS: _____

CITY: _____

STATE: _____

CONTACT PERSON: _____

As the prime bidder, listed below is the information about (Name of Firm) _____ that is requested by the Authority.

Also, included on the following list are all firms who responded to a solicitation by submitting a bid or quote as a subcontractor. Furthermore, included on the list are all firms who submitted a bid or quote on their own. Under gross receipt column list range using the following: Under \$500,000, \$500,000-\$1,000,000, \$1,000,000-\$2,000,000, \$2,000,000-\$2,500,000, \$2,500,000-\$3,000,000, \$3,000,000-\$3,500,000, \$3,500,000-\$4,000,000, over \$4,000,000.

FIRM NAME	FIRM ADDRESS	DBE OR NON-DBE	AGE OF FIRM	GROSS RECEIPT RANGE

STANDARD GOVERNMENT REQUIREMENTS FOR MATERIAL AND EQUIPMENT PURCHASES

This contract is subject to financial assistance contracts between the U.S. Department of Transportation (DOT), Urban Mass Transportation Administration (UMTA), the State of Illinois Department of Transportation (IDOT), Division of Public Transportation (DPT), and the Chicago Transit Authority (CTA).

The following clauses shall be included as part of the specification for the proposed contract and for each of its related subcontracts.

- A. CONTRACT CHANGES.** "Any proposed change in this contract shall be submitted to the Chicago Transit Authority for its prior written approval."
- B. INTEREST OF MEMBERS OF CONGRESS.** No members of, or delegate to, the Illinois General Assembly or the Congress of the United States shall be admitted to any share or part of this contract or to any benefit arising therefrom.
- C. PROHIBITED INTERESTS.** "No member, or officer, or employee of Chicago Transit Authority or a local public body with financial interest or control in this contract during his tenure or for one year thereafter shall have any interest, direct or indirect, in this contract or the proceeds thereof."
- D. INELIGIBLE CONTRACTORS.** Contractors are required to certify that they ARE NOT included on the U.S. Comptroller General's Consolidated List of persons or firms currently debarred for violations of various Public Contracts incorporating labor standards provisions.

- E. NONDISCRIMINATION.** "In connection with the execution of this contract, the contractor shall not discriminate against any employee or applicant for employment because of race, religion, color, sex, national origin, ancestry or handicap. The contractor shall take affirmative actions to insure that applicants are employed and that employees are treated during their employment, without regard to their race, religion, color, sex, national origin, ancestry or handicap. Such actions shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection of training, including apprenticeship."

- F. ILLINOIS HUMAN RIGHTS ACT - Equal Employment Opportunity.** During the performance of this contract, the contractor agrees as follows:

1. That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, marital status, national origin or ancestry, age, physical or mental handicap unrelated to ability, or an unfavorable discharge from military service; and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization.
2. That it will submit reports as required by the Department's Rules and Regulations, furnish all relevant information as may from time to time be requested by the Department or the contracting agency, and in all respects comply with the Illinois Human Rights Act and the Department's Rules and Regulations.
3. That it will permit access to all relevant books, records, accounts and work sites by personnel of the contracting agency and the Department for purposes of investigation to ascertain compliance with the Illinois Human Rights Act and the Department's Rules and Regulations.
4. That it will include verbatim or by reference the provisions of this clause in every subcontract it awards under which any portion of the contract obligations are undertaken or assumed, so that such provisions will be binding upon such subcontractor. In the same manner as with other provisions of this contract, the contractor will be liable for compliance with applicable provisions of this clause by such subcontractors; and further it will promptly notify the contracting agency and the Department in the event any subcontractor fails or refuses to comply therewith. In addition, the contractor will not utilize any subcontractor declared by the Illinois Human Rights Commission to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations."

- G. ENVIRONMENTAL AND ENERGY PROTECTION AND CONSERVATION REQUIREMENTS.** All facilities and equipment will meet the criteria for air and water pollution control and energy conservation as follows:

"All facilities and equipment acquired, constructed, reconstructed, or improved using UMTA and DPT grant funds, shall be designed and equipped to prevent or control air and water pollution in accordance with criteria issued by the Department of Health, Education and Welfare. However, in those locations where State or local air and water pollution regulations are in force, the more restrictive criteria shall govern."

All contractors and suppliers must submit evidence to CTA that the governing air and water pollution criteria will be met. This evidence and related documents will be retained by the sponsor for on site examination by UMTA and DPT representatives."

"All contractors and suppliers shall recognize mandatory standards and policies relating to energy efficiency which are contained in the State energy conservation plan issued in compliance with the Energy Policy and Conservation Act (42 U.S.C. § 6321 et seq.)."

H. DISADVANTAGED BUSINESS ENTERPRISE

AUTHORITY: Department of Transportation Regulations 49 CFR, Part 23 and Section 106 (C) of the Surface Transportation and Uniform Relocation Assistance Act of 1987 (STURAA).

1. **Policy:** It is the policy of the Department of Transportation that Disadvantaged Business Enterprises (DBE) as defined in DOT Regulations 49 CFR, Part 23 and Section 106 (C) of the Surface Transportation and Uniform Relocation Assistance Act of 1987 (STURAA), shall have the maximum opportunity to participate in the performance of contracts financed in whole or in part with federal funds under this contract. Consequently, the DBE requirements of 49 CFR, Part 23 and Section 106(c) of STURAA apply to this contract.

2. **DBE Obligation:** Bidders agree to ensure that Disadvantaged Business Enterprises as defined in 49 CFR, Part 23 and Section 106 (C) of the Surface Transportation and Uniform Relocation Assistance Act of 1987 (STURAA), have the maximum practicable opportunity to participate in the performance of contract and subcontract activities financed in whole or in part with federal funds provided under this agreement. Bidders shall take all necessary and reasonable steps in accordance with the above authority to ensure that Disadvantaged Business Enterprises have the maximum practicable opportunity to compete for and perform as subcontractors. Prime contractors shall not discriminate on the basis of race, color, national origin or sex in the award and performance of DOT assisted contracts.

"Disadvantaged Business" means a small business concern:

- (a) Which is at least 51 percent owned by one or more socially and economically disadvantaged individuals, or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more socially and economically disadvantaged individuals; and
- (b) whose management and daily business operations are controlled by one or more of the socially and economically disadvantaged individuals who own it.

"The Small Business Act" defines small for the purpose of Government procurement as a concern, including its affiliates, which is independently owned and operated, is not dominant in the field of operation in which it is bidding on Government contracts and can further qualify under the criteria set forth in Section 13 CFR, Part 121, 3-8.

"Socially and Economically Disadvantaged Individuals" means those individuals who are citizens of the United States (or lawfully admitted permanent residents) and who are Black Americans; Hispanic Americans, Native Americans, Asian-Pacific Americans, or Asian-Indian Americans including women regardless of their ethnic origin or race and any other minorities or individuals found to be disadvantaged by the Small Business Administration pursuant to Section 8(a) of the Small Business Act.

3. In connection with the performance of this contract, the prime contractor will cooperate with CTA in meeting its commitments and goals with regard to maximum utilization of Disadvantaged Business Enterprise (DBE) and will insure that disadvantaged business enterprises shall have the maximum practicable opportunity to compete for sub-contract work under this agreement contract.

4. **Goals:** The Disadvantaged Business Enterprise (DBE) goal established for this contract is contained in the Proposal section of this document. Failure to fully comply with the DBE goal may result in your bid being rejected in its entirety. Also, included is the DBE Participation Statement, Form 715.18, which must be completed, executed and submitted to CTA along with your bid. Bidders who fail to meet the DBE goal and fail to demonstrate their good faith efforts to meet the goal in accordance with the guidelines contained in the section entitled **"Grant of Relief For Bidders: Waiver of DBE Goals"** may not be eligible to be awarded the contract.

In the event the prime contractor chooses to alter this list after contract award, the prime contractor must be able to demonstrate that the named DBE subcontractor is unable to perform because of default or overextension on other projects or provide other similar justification for CTA's approval. It is not intended that a prime contractor's ability to negotiate a more advantageous contract with another subcontractor be considered valid basis for change.

Substitution of a named DBE subcontractor by the prime bidder/contractor both before and/or after award of contract, requires the replacement be a DBE subcontractor and must be approved by CTA. CTA, solely, will determine the acceptance or rejection of any justification for substitution of any named DBE subcontractor by the bidder/prime contractor.

Agreements between a bidder and a DBE in which the DBE promises **not** to provide subcontracting quotations to other bidders are prohibited.

5. GRANT OF RELIEF FOR BIDDERS: WAIVER OF DBE GOALS

- A. If bidder or proposer find it impossible to fully meet the DBE goal of this contract, the bid or proposal **must** include a signed petition for grant of relief from this requirement on bidder or proposer's letterhead, accompanied by documentation showing that all reasonable "good faith" efforts were made toward fulfilling the goal.
- B. The bidder or proposer requesting a waiver or variance of the DBE goal should generally demonstrate the following in its petition:
 - 1) Evidence of direct negotiations with DBE firms including, at a minimum:
 - a) the names, addresses and telephone numbers of DBE firms contacted;
 - b) a description of the information provided to the DBE firms regarding potential work to be performed; and
 - c) a statement indicating why negotiations failed to result in any agreement;
 - 2) A detailed statement of efforts made to identify and select portions of direct contract work to be performed by DBE firms;

- 3) A detailed statement of the efforts made to identify opportunities for DBE firms to perform work for the bidder/proposer where such DBE contracting would not be directly related to the performance of this contract;
- 4) Evidence of the bidder/proposer's general affirmative action policies regarding the utilization of DBE firms, including an exposition of methods used to carry out these policies; and
- 5) Evidence of the bidder/proposer's past performance with regard to the participation of DBE firms in Chicago Transit Authority contracts and in proportion with the bidder/proposer's overall expenditures for goods and services.

C. If the bidder/proposer does not meet the DBE goal, price alone shall not be an acceptable basis for which the bidder may reject the DBE subbid unless the bidder/proposer can show to the satisfaction of CTA that no reasonable price can be obtained from a DBE. A determination of reasonable price is based on such factors as CTA's estimate for the specific subcontracts, and the average of the bona fide prices quoted for the specific subcontract. A DBE bid for subcontract will be presumed to be unreasonable if the DBE's price exceeds the average price quoted by more than fifteen (15) percent.

6. Bidders that fail to meet DBE goal and fail to demonstrate sufficient reasonable efforts shall not be eligible to be awarded the contract.

7. To insure that all obligations under contracts awarded to DBE's are met, CTA shall review the prime contractor's DBE involvement efforts during the performance of the contract. The prime contractor shall bring to the attention of CTA any situation in which regularly scheduled progress payments are not made to DBE subcontractors.

8. Should the prime contractor fail to meet the DBE goals, he must submit to CTA justification for this failure and provide the information contained in DOT Regulation 49 CFR, Part 23 and Section 106 (C) of the Surface Transportation and Uniform Relocation Assistance Act of 1987 (STURAA). CTA, solely, will determine the acceptance or rejection of any justification for failure to meet established goals. Guidelines for such justification are contained in item #5 above.

9. The contractor is bound by the above specified regulations whether it is mentioned in its entirety or by reference in the above.

I. SPECIFIC MATERIALS AND/OR SPECIFIC EQUIPMENT. Wherever in these Specifications an article, equipment or material is defined by describing a proprietary product or by using the name of a manufacturer or vendor or trade name including catalogue numbers and/or part numbers and/or drawing numbers, the term "or equal" if not inserted shall be implied. The specific article, equipment or material mentioned shall be understood as establishing the type, function and minimum standard of design, efficiency, quality and performance desired and shall not be construed in such a manner as to exclude manufacturer's products or comparable design, efficiency, quality and performance. CTA Engineers shall decide whether or not the article, equipment or material proposed by the bidder or contractor is equal to that specified in the Specification.

J. TERMINATION OF CONTRACT. Chicago Transit Authority reserves the right to terminate this contract at any time after date of contract, with or without cause, by giving the contractor, in writing, a notice of termination. The notice shall be mailed certified to the contractor at his business address, and the effective date of termination shall be the date of receipt of the notice as shown on the certified mail return receipt. The Chicago Transit Authority shall pay the contractor for the sums then due for acceptable services performed in accordance with this contract and costs incurred in connection therewith up to the termination date.

K. CARGO PREFERENCE - USE OF UNITED STATES-FLAG VESSELS. The contractor agrees:

1. To utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, materials or commodities pursuant to this Contract, to the extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels.
2. To furnish within 20 days following the date of loading for shipments originating within the United States, or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, "on-board" commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (1) above to the Grantee (through the prime contractor in the case of subcontractor bill-of-lading) and to the Division of National Cargo, Office of Market Development, Maritime Administration, 400 Seventh Street, S.W., Washington, D.C. 20590, marked with appropriate identification of the Project.

L. THIS CONTRACT DOES NOT INCLUDE PROVISIONS FOR ESCALATION.

M. PATENT RIGHTS

1. Contractors may reserve a revocable, nonexclusive, royalty-free license in each patent application filed in any country or each invention subject to this clause and resulting patent in which the Government acquires title. The license shall extend to the third-party contractor's domestic subsidiaries and affiliates, if any, within the corporate structure of which the third-party contractor is a part and shall include the right to grant sublicenses of the same scope to the extent the third-party contractor was legally obligated to do so at the time the contract was awarded. The license shall be transferable only with approval of UMTA except when transferred to the successor of that part of the third party contractor's business to which the invention pertains.

M. PATENT RIGHTS

1. Contractors may reserve a revocable, nonexclusive, royalty-free license in each patent application filed in any country or each invention subject to this clause and resulting patent in which the Government acquires title. The license shall extend to the third-party contractor's domestic subsidiaries and affiliates, if any, within the corporate structure of which the third-party contractor is a part and shall include the right to grant sublicenses of the same scope to the extent the third-party contractor was legally obligated to do so at the time the contract was awarded. The license shall be transferable only with approval of UMTA except when transferred to the successor of that part of the third party contractor's business to which the invention pertains.
2. The third-party contractor's nonexclusive domestic license retained pursuant to paragraph (1) of this clause may be revoked or modified by UMTA to the extent necessary to achieve expeditious practical application of the Subject invention under 41 C.F.R. 101-4. 103-3 pursuant to an application for exclusive license submitted in accordance with 41 C.F.R. 101-4. 104-3. This license shall not be revoked in that field of use and/or the geographical areas in which the third-party contractor has brought the invention to the point of practical application and continues to make the benefits of the invention reasonably accessible to the public. The third-party contractor's nonexclusive license in any foreign country reserved pursuant to paragraph (1) of this clause may be revoked or modified at the discretion of UMTA to the extent the third-party contractor or his domestic subsidiaries or affiliates have failed to achieve the practical application of the invention in that foreign country.
3. Before modification or revocation of the license, pursuant to paragraph (2) of this clause, UMTA shall furnish the third-party contractor a written notice of its intention to modify or revoke the license, and the third-party contractor shall be allowed 30 days (or such longer period as may be authorized by UMTA for good cause shown in writing by the third-party contractor) after the notice to show cause why the license should not be modified or revoked. The third-party contractor shall have the right to appeal, in accordance with procedures prescribed by UMTA any decision concerning the modification or revocation of his license.

In addition to the Standard Government Requirements for Material and Equipment Purchases, the Contractor is also required to comply with the following clauses required by the U.S. Department of Transportation Federal Transit Administration as applicable:

1. Seismic Safety Requirements - The Contractor agrees that any new building or addition to an existing building will be designed and constructed in accordance with the standards for Seismic Safety required in Department of Transportation Seismic Safety Regulations 49 CFR Part 41 and will certify to compliance to the extent required by regulation. The Contractor also agrees to ensure that all work performed under this contract including work performed by a subcontractor is in compliance with the standards required by the Seismic Safety Regulations and the certification of compliance issued on the project.

2. Recycled Products - The Contractor agrees to comply with all the requirements of Section 6002 of the Resource Conservation and Recovery Act (RCRA), as amended (42 U.S.C. 6962), including but not limited to the regulatory provisions of 40 CFR Part 247, and Executive Order 12873, as they apply to the procurement of the items designated in Subpart B of 40 CFR Part 247.

3. No Obligation by the Federal Government - The Contractor acknowledges and agrees that, notwithstanding any concurrence by the Federal Government in or approval of the solicitation or award of the underlying contract, absent the express written consent by the Federal Government, the Federal Government is not a party to this contract and shall not be subject to any obligations or liabilities to the Contractor, or any other party pertaining to any matter resulting from the underlying contract.

4. Privacy Act - The following requirements apply to a Contractor and its employees that administer any system of records on behalf of the Federal Government under any contract.

A) The Contractor agrees to comply with, and assure the compliance of its employees with, the information restrictions and other applicable requirements of the Privacy Act of 1974, 5 USC subsection 552a. The Contractor agrees to obtain the express consent of the Federal Government before the Contractor or its employees operate a system of records on behalf of the Federal Government. The Contractor understands that the requirements of the Privacy Act, including the civil and criminal penalties for violation of that Act, apply to those individuals involved, and that failure to comply with the terms of the Privacy Act may result in termination of the underlying contract.

B) The Contractor also agrees to include these requirements in each subcontract to administer any system of records on behalf of the Federal Government financed in whole or in part with FTA funding.

5. Access to Records and Reports - The following access to records requirement apply to this Contract.

A) The Contractor agrees to provide the Authority, the FTA Administrator, the Comptroller General of the United States or any other authorized representatives access to any books, documents, papers and records of the Contractor which are directly pertinent to this Contract for the purposes of making audits, examination, excerpts and transcriptions. Contractor also agrees, pursuant to 49C.F.R. 633.17 to provide the FTA Administrator or his authorized representatives access to Contractor's records and construction sites pertaining to a major capital project, defined at 49U.S.C. 5302(a)1, which is receiving federal financial assistance through the programs described at 49U.S.C. 5307, 5309 or 5311. By definition, a major capital project excludes contracts of less than the simplified acquisition threshold currently set at \$100,000.

B) For any contract for a capital project or improvement entered into which was not the result of competitive bidding, the Contractor shall make available records related to the Contract to the Authority, the FTA and the Comptroller General or any authorized officer or employee of any of them

for the purposes of conducting an audit and inspection.

C) The Contractor agrees to permit the authorized representatives to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonable needed.

D) The Contractor agrees to maintain all books, records, accounts and reports required under this contract, except in the event of litigation or settlement of claims arising from the performance of this contract, in which case Contractor agrees to maintain same under the Authority, the FTA Administrator, the Comptroller General, or any of their dully authorized representatives, have disposed of all such litigation, appeals, claims or exceptions related thereto.

6. Fraud and False or Fraudulent Statements or Related Acts - The Contractor acknowledges that the provisions of the Program Fraud Civil Remedies Act of 1986, as amended, 31 U.S.C. subsection 3801 et seq and U.S. Department of Transportation and FTA regulations, "Program Fraud Civil Remedies", 49 C.F.R. Part 31, apply to its actions pertaining to this Contract.

By submitting a proposal and execution of the Contract, the Contractor certifies or affirms the truthfulness and accuracy of any statement it has made, it makes, it may make, or causes to be made, pertaining to the Contract Documents. In addition to other penalties that may be applicable the Contractor further acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification, the Federal Government reserves the right to impose the penalties of the Program Fraud Civil Remedies Act of 1986 on the Contractor. The Contractor also acknowledges that it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification to the Federal Government under a contract connected with a project that is financed in whole or in part with Federal assistance originally awarded by FTA under the authority of 49 U.S.C. subsection 5307, the Government reserves the right to impose the penalties of 18 U.S.C. subsection 5307, the Government reserves the right to impose the penalties of 18 U.S.C. subsection 1001 and 49 U.S.C. subsection 5307(n)(1) on the Contractor, to the extent the Federal Government deems appropriate. The Contractor agrees to include the above language in each subcontract without modification, except to identify the subcontractor who will be subject to the provisions.

7. Incorporation of Federal Transit Administration (FTA) Terms - The provisions in this "Standard Government Requirements for Construction Contract" exhibit include, in part, certain Standard Terms and Conditions required by FTA, whether or not expressly set forth in the preceding contract provisions. All contractual provisions required by FTA, as set forth in FTA Circular 4220.1D, dated April 15, 1996, are hereby incorporated by reference. The Contractor shall not perform any act, fail to perform any act, or refuse to comply with any Authority requests which would cause the Authority to be in violation of FTA terms and conditions.

8. Clean Air - (1) The Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. (7401et seq.). The Contractor agrees to report each violation to the Purchaser and understands and agrees that the Purchaser will, in turn, report each violation as required to assure notification to FTA and the appropriate EPA Regional Office. (2) The Contractor also agrees to include these requirements in each subcontract exceeding \$100,000 financed in whole or in part with Federal assistance provided by FTA.

9. Federal Changes - Contractor shall at all times comply with all applicable FTA regulations, policies, procedures and directives, including without limitation those listed directly or by reference in the Agreement (Form FTA MA (4) dated October 1, 1997) between Purchaser and FTA, as they may be amended or promulgated from time to time during the term of this contract. Contractor's failure to so comply shall constitute a material breach of this contract.

CHICAGO TRANSIT AUTHORITY IS A RECIPIENT OF FUNDS FROM THE FEDERAL TRANSPORTATION ADMINISTRATION (FTA) AND IS REQUIRED TO ADHERE TO THE BUY AMERICA REQUIREMENTS SET FORTH BELOW. CTA CANNOT CONSIDER A BID THAT DOES NOT INCLUDE AN EXECUTED BUY AMERICA CERTIFICATE.

49 CFR PART 661
BUY AMERICA REQUIREMENTS
SURFACE TRANSPORTATION ASSISTANCE ACT OF 1982, AS AMENDED

§661.1 Applicability

Unless otherwise noted, this part applies to all federally assisted procurements using funds authorized by the Urban Mass Transportation Act of 1964 as amended; 23 U.S.C. 103(e)(4); and section 14 of the National Capital Transportation Act of 1969, as amended.

§661.3 Definitions

ACT means the Surface Transportation Assistance Act of 1982 (Pub. L. 97-424) as amended by section 337 of the Surface Transportation and Uniform Relocation Assistance Act of 1987 (Pub. L. 100-17).

ADMINISTRATOR means the Administrator of FTA, or designee.

FTA means the Federal Transportation Administration.

GRANTEE means any entity that is a recipient of FTA funds.

MANUFACTURED PRODUCT means an item produced as a result of a manufacturing process.

MANUFACTURING PROCESS means the application of processes to alter the form or function of materials or elements of the product in a manner adding value and transforming those materials or elements so that they represent a new end product functionally different from that which would result from mere assembly of the elements or materials.

ROLLING STOCK means transit vehicles such as buses, vans, cars, railcars, trolley cars and buses, and ferry boats, as well as vehicles used for support services.

STURAA means the Surface Transportation and Uniform Relocation Assistance Act of 1987 (Pub. L. No. 100-17).

UNITED STATES means the several States, the Commonwealth of Puerto Rico, the District of Columbia, Guam, American Samoa, the Virgin Islands, and the Commonwealth of the Northern Mariana Islands.

§661.5 General Requirements for steel and manufactured products

(a) Except as provided in §661.7 and §661.11 of this part, no funds may be obligated by FTA for a grantee project unless all steel and manufactured products used in the project are produced in the United States.

(b) All steel manufacturing processes must take place in the United States, except metallurgical processes involving refinement of steel additives.

(c) The steel requirements apply to all steel items including, but not limited to, structural steel, running rail and contact rail.

(d) For a manufactured product to be considered produced in the United States:

(1) All of the manufacturing processes for the product must take place in the United States; and

(2) All items or material used in the product must be of United States origin.

§661.6 Certification requirements for procurement of steel or manufactured products

If steel or manufactured products (as defined in §661.3 and §661.5 of this part) are being procured, the appropriate certificate as set forth below shall be completed and submitted by each bidder in accordance with the requirements contained in §661.13(b) of this part.

CERTIFICATE OF COMPLIANCE WITH SECTION 165(a)

The bidder hereby certifies that it will comply with the requirements of section 165(a) of the Surface Transportation Assistance Act of 1982, as amended, and the applicable regulations in 49 CFR part 661.

Date _____

Signature _____

Company Name _____

Title _____

CERTIFICATE OF NON-COMPLIANCE WITH SECTION 165(a)

The bidder hereby certifies that it cannot comply with the requirements of section 165(a) of the Surface Transportation Assistance Act of 1982, as amended, but it may qualify for an exception to the requirements pursuant to section 165(b)(2) or (b)(4) of the Surface Transportation Assistance Act of 1982 and regulations in 49 CFR part 661.7.

Date _____

Signature _____

Company Name _____

Title _____

§661.7 Waivers

(a) Section 165(b) of the Act provides that the general requirements of section 165 (a) shall not apply in four specific instances. This section sets out the conditions for the three statutory waivers based on public interest, non-availability, and price-differential. Section 661.11 of this part sets out the conditions for the fourth statutory waiver governing the procurement of rolling stock and associated equipment.

(b) Under the provisions of section 165(b)(1) of the Act, the Administrator may waive the general requirements of section 165(a) if the Administrator finds that their application would be inconsistent with the public interest. In determining whether the conditions exist to grant this public interest waiver, the Administrator will consider all appropriate factors on a case-by-case basis, unless a general exception is specifically set out in this part.

(c) Under the provision of section 165(b)(2) of the Act, the Administrator may waive the general requirements of section 165(a) if the Administrator finds that the materials for which a waiver is requested are not produced in the United States in sufficient and reasonably available quantities and of a satisfactory quality.

(1) It will be presumed that the conditions exist to grant this non-availability waiver if no responsive and responsible bid is received offering an item produced in the United States.

(2) In the case of a sole source procurement, the Administrator will grant this non-availability waiver only if the grantee provides sufficient information which indicates that the item to be procured is only available from a single source or that the item to be procured is not produced in sufficient and reasonably available quantities of a satisfactory quality in the United States.

(d) Under the provision of section 165(b)(4) of the Act, the Administrator may waive the general requirements of section 165(a) if the Administrator finds that the inclusion of a domestic item or domestic material will increase the cost of the contract between the grantee and its supplier of that item of material by more than 25 percent. The Administrator will grant this price-differential waiver if the amount of the lowest responsive and responsible bid offering the item or material that is not produced in the United States multiplied by 1.25 is less than the amount of the lowest responsive and responsible bid offering the item or material produced in the United States.

(e) The four statutory waivers of section 165(b) of the Act as set out in this part shall be treated as being separate and distinct from each other.

(f) The waivers described in paragraph (b) and (c) of this section may be granted for a component or subcomponent in the case of the procurement of the items governed by section 165(b)(3) of the Act (requirements for rolling stock). If a waiver is granted for a component or a subcomponent, that component or subcomponent will be considered to be of domestic origin for the purposes of §661.11 of this part.

(g) The waivers described in paragraphs (b) and (c) of this section may be granted for a specific item or material that is used in the production of a manufactured product that is governed by the requirements of §661.5(d) of this part. If such a waiver is granted to such a specific item or material, that item or material will be treated as being of domestic origin.

§661.9 Application for Waivers

(a) This section sets out the application procedures for obtaining all waivers, except those general exceptions set forth in this part for which individual applications are unnecessary and those covered by section 165(b)(3) of the Act. The procedures for obtaining an exception covered by section 165(b)(3) are set forth in §661.11 of this part.

(b) A bidder who seeks to establish grounds for an exception must seek the exception, in a timely manner, through the grantee.

(c) Except as provided in paragraph (d) of this section, only a grantee may request a waiver. The request must be in writing, include facts and justification to support the waiver, and be submitted to the Administrator through the appropriate Regional Office.

(d) FTA will consider a request for a waiver from a potential bidder or supplier only if the waiver is being sought under §661.7(f) or (g) of this part.

(e) The Administrator will issue a written determination setting forth the reasons for granting or denying the exception request. Each request for an exception, and FTA's action on the request, are available for public inspection under the provisions of 49 CFR part 601, subpart C.

§661.10 Determination of qualification under section 337(a)(2)(B) of the STURAA

(a) A supplier or contractor that qualifies under the provisions of section 337(a)(2)(B) because it had supplied an item that complied with the provisions of section 165(b)(3) of the Surface Transportation Assistance Act of 1982 or under section 401 of the Surface Transportation Assistance Act of 1978 must certify to this qualification when its bid or offer is submitted. Such certification must accompany the certification set forth in §661.12 of this part.

(b) A supplier or contractor that qualifies as a successor in interest or assignee under the provisions of section 337(a)(2)(B) of the STURAA is one to which has been transferred the substantial assets, such as contracts and work in progress, designs and technology, and manufacturing plants and staff, or a previously existing company. The mere acquisition of an established trade name by an existing business enterprise does not qualify as a successor in interest. A supplier or contractor adoption of a new corporate name while maintaining continuity in ownership and assets qualifies the supplier or contractor as a successor in interest.

(c) Any supplier or contractor wishing to claim that it is a successor in interest or assignee under the provisions of paragraph (b) of this section must provide FTA with sufficient documentation to support its claim. If FTA determines that a supplier or contractor does qualify as a successor in interest or assignee, FTA will publish notice of this determination in the Federal Register.

§661.11 Rolling Stock procurement

(a) The provisions of §661.5 of this part do not apply to the procurement of buses and other rolling stock (including train control, communication, and traction power equipment), if the cost of components which are produced in the United States is more than 50 percent of the cost of all of the components and final assembly takes place in the United States.

(b) Except as provided in paragraph (c) of this section, the domestic content requirement is 55% for contracts entered into after October 1, 1989, and 60% for contracts entered into after October 1, 1991.

(c) The domestic content requirement will be 60% for contracts entered into after April 1, 1992, with any supplier or contractor or any successor in interest or assignee, as determined under the provisions of §661.10 of this part, which complied with the requirements of section 165(b)(3) of the Surface Transportation Assistance Act of 1982 or section 401 of the Surface Transportation Assistance Act of 1978 before April 2, 1987.

(d) The increased domestic content requirements in paragraph (b) and (c) of this section also apply to the domestic content requirements for the components set forth in paragraphs (i), (k), and (n) of this section.

(e) A component is any article, material, or supply, whether manufactured or unmanufactured, that is directly incorporated into an end product at the final assembly location.

(f) A component may be manufactured at the final assembly location if the manufacturing process to produce the component is a separate and distinct activity from the final assembly of the end product.

(g) A component is considered to be manufactured if there are sufficient activities taking place to advance the value or improve the condition of the subcomponents of that component; that is, if the subcomponents have been substantially transformed or merged into a new and functionally different article.

(h) Except as provided in paragraph (m) of this section, a subcomponent is any article, material, or supply, whether manufactured or unmanufactured, that is one step removed from a component (as defined in paragraph (e) of this section) in the manufacturing process and that is incorporated directly into a component.

(i) For a component to be of domestic origin, more than 50 percent of the subcomponents of that component, by cost, must be of domestic origin and the manufacture of the component must take place in the United States. If, under the terms of this part, a component is determined to be of domestic origin, its entire cost may be utilized in calculating the cost of domestic content of an end product.

(j) A subcomponent is of domestic origin if it is manufactured in the United States.

(k) If a subcomponent manufactured in the United States is exported for inclusion in a component that is manufactured outside of the United States and it receives tariff exemptions under the procedures set forth in 19 CFR 10.11-10.24, the subcomponent retains its domestic identity and can be included in the calculation of the domestic content of an end product even if such a subcomponent represents less than 50% of the cost of a particular component.

(l) If a subcomponent manufactured in the United States is exported for inclusion in a component manufactured outside the United States and it does not receive tariff exemption under the procedures set forth in 19 CFR 10.11-10.24, the subcomponent loses its domestic identity and cannot be included in the calculation of the domestic content of an end product.

(m) Raw materials produced in the United States and then exported for incorporation into a component are not considered to be a subcomponent for the purposes of calculating domestic content. The value of such raw materials is to be included in the cost of the foreign component.

(n) If a component is manufactured in the United States but contains less than 50% domestic subcomponents, by cost, the cost of the domestic subcomponents and the cost of manufacturing the component may be included in the calculation of the domestic content of the end product.

(o) For the purposes of this section, except as provided in paragraph (q) of this section:

(1) The cost of a component or a subcomponent is the price that a bidder or offeror must pay to a subcontractor or supplier for that component or subcomponent. Transportation costs to the final assembly location must be included in calculating the cost of a component. Applicable duties must be included in determining the cost of foreign components and subcomponents.

(2) If a component or subcomponent is manufactured by the bidder or offeror, the cost of the component is the cost of labor and materials incorporated into the component or subcomponent, an allowance for profit, and the administrative and overhead costs attributable to that component or subcomponent under normal accounting principles.

(p) The cost component of foreign origin is set at the time the bidder or offeror executes the appropriate Buy America certificate.

(q) The cost of a subcomponent which retains its domestic identity consistent with paragraph (1) of this section shall be the cost of the subcomponent when last purchased, f.o.b. United States port of exportation or point of border crossing as set out in the invoices and entry papers, or, if no purchase was made, the value of the subcomponent at the time of its shipment for exportation, f.o.b. United States port of exportation or point of border crossing, as set out in the invoice and entry papers.

(r) In accordance with section 165(c) of the Act, labor costs involved in final assembly shall not be included in calculating component costs.

(s) The actual cost, not the bid prices, of a component is to be considered in calculating domestic content.

(t) Final assembly is the creation of the end product from individual elements brought together for that purpose through application of manufacturing processes. If a system is being procured as the end product by the grantee, the installation of the system qualifies as final assembly.

(u) An end product means any item subject to section 165(b)(3) of the Act, that is to be acquired by the grantee, as specified in the overall project contract.

(v) Train control equipment includes, but is not limited to, the following equipment:

- (1) Mimic board in central control
- (2) Dispatchers console
- (3) Local control panels
- (4) Station (way side) control relay cabinets
- (5) Terminal dispatcher machines
- (6) Cable/cable trays
- (7) Switch machines
- (8) Way side signals
- (9) Impedance bonds
- (10) Relay rack bungalows
- (11) Central computer control
- (12) Brake equipment
- (13) Brake systems

(w) Communications equipment includes, but is not limited to, the following equipment:

- (1) Radios
- (2) Space station transmitter and receivers
- (3) Vehicular and hand-held radios
- (4) PABX telephone switching equipment
- (5) PABX telephone instruments
- (6) Public address amplifiers
- (7) Public address speakers
- (8) Cable transmission system cable
- (9) Cable transmission system multiplex equipment
- (10) Communication console at central control
- (11) Uninterruptible power supply inverters/rectifiers
- (12) Uninterruptible power supply batteries
- (13) Data transmission system central processors
- (14) Data transmission system remote terminals
- (15) Line printers for data transmission system
- (16) Communication systems monitor test panel
- (17) Security console at central control

(x) Traction power equipment includes, but is not limited to, the following:

- (1) Primary AC switch gear
- (2) Primary AC transformers (rectifier)
- (3) DC switch gear
- (4) Traction power console and CRT display system at central control
- (5) Bus ducts with buses (AC and DC)
- (6) Batteries
- (7) Traction power rectifier assemblies
- (8) Distribution panels (AC and DC)
- (9) Facility step-down transformers
- (10) Motor control centers (facility use only)
- (11) Battery chargers
- (12) Supervisory control panel
- (13) Annunciator panels
- (14) Low voltage facility distribution switch board
- (15) DC connect switches
- (16) Negative bus boxes
- (17) Power rail insulators
- (18) Power cables (AC and DC)
- (19) Cable trays
- (20) Instrumentation for traction power equipment
- (21) Connectors, tensioners, and insulators for overhead power wire systems
- (22) Negative drainage boards
- (23) Inverters
- (24) Traction motors
- (25) Propulsion gear boxes
- (26) Third rail pick-up equipment
- (27) Pantographs

(y) The power or third rail is not considered traction power equipment and is thus subject to the requirements of section 165(a) of the Act and the requirements of §661.5 of this part.

(z) A bidder on a contract for an item covered by section 165(b)(3) of the Act who will comply with section 165(b)(3) and regulations in this section is not required to follow the application for waiver procedures set out in §661.9 of this part. In lieu of these procedures, the bidder must submit the appropriate certificate required by §661.12 of this part.

Appendix A to §661.11 - General Waivers

(a) The provisions of §661.11 of this part do not apply when foreign-sourced spare parts for buses and other rolling stock (including train control, communication, and traction power equipment) whose total cost is 10 percent or less of the overall project contract cost are being procured as part of the same contract for the major capital item.

Appendix B to §661.11 - Typical Components of Buses

The following is a list of items that typically would be considered components:

Engines, transmissions, front axle assemblies, rear axle assemblies, drive shaft assemblies, front suspension assemblies, rear suspension assemblies, air compressor and pneumatic systems, generator/alternator and electrical systems, steering system assemblies, front and rear air brake assemblies, air conditioning compressor assemblies, air conditioning evaporator/condenser assemblies, heating systems, passenger seats, driver's seat assemblies, window assemblies, entrance and exit door assemblies, door control systems, destination sign assemblies, interior lighting assemblies, front and rear end cap assemblies, front and rear bumper assemblies, specialty steel (structural steel tubing, etc.), aluminum extrusions, aluminum, steel or fiberglass exterior panels, and interior trim, flooring, and floor coverings.

Appendix C to §661.11 - Typical Components of Rail Rolling Stock

The following is a list of items that typically would be considered components of rail rolling stock. This list is not all-inclusive.

Car shells, main transformer, pantographs, traction motors, propulsion gear boxes, interior linings, acceleration and braking resistors, propulsion controls, low voltage auxiliary power supplies, air conditioning equipment, air brakes compressors, brake controls, foundation brake equipment, articulation assemblies, train control systems, window assemblies, communication equipment, lighting, seating, door actuators and controls, couplers and draft gear, trucks, journal bearings, axles, diagnostic equipment, and third rail pick-up equipment.

§661.12 Certification requirements for procurement of buses, other rolling stock and associated equipment

If buses or other rolling stock (including train control, communication, and traction power equipment) are being procured, the appropriate certificate as set forth below shall be completed and submitted by each bidder in accordance with the requirement contained in §661.13(b) of this part.

CERTIFICATE OF COMPLIANCE WITH SECTION 165(b)(3)

The bidder hereby certifies that it will comply with requirements of section 165(b)(3) of the Surface Transportation Assistance Act of 1982, as amended, and the regulations of 49 CFR 661.11.

Date _____

Signature _____

Company Name _____

Title _____

CERTIFICATE OF NON-COMPLIANCE WITH SECTION 165(b)(3)

The bidder hereby certifies that it cannot comply with the requirements of section 165(b)(3) of the Surface Transportation Assistance Act of 1982, as amended, but may qualify for an exception to the requirement consistent with section 165(b)(2) or (b)(4) of the Surface Transportation Assistance Act, as amended, and regulations in 49 CFR 661.7.

Date _____

Signature _____

Company Name _____

Title _____

§661.13 Grantee responsibility

(a) The grantee shall adhere to the Buy America clause set forth in its grant contract with FTA.

(b) The grantee shall include in its bid specification for procurement within the scope of these regulations an appropriate notice of the Buy America provision. Such specifications shall require as a condition of responsiveness, that the bidder or offeror submit with the bid a completed Buy America certificate in accordance with §661.6 or §661.12 of this part, as appropriate.

(c) Whether or not a bidder or offeror certifies that it will comply with the applicable requirement, such bidder or offeror is bound by its original certification and is not permitted to change its certification after bid opening. A bidder or offeror that certifies that it will comply with the applicable Buy America requirements is not eligible for a waiver of those requirements.

§661.14 Investigation procedures

(a) It is presumed that a bidder who has submitted the required Buy America certificate is complying with the Buy America provision. A false certification is a criminal act in violation of 18 U.S.C. 1001.

(b) Any party may petition FTA to investigate the compliance of a successful bidder with the bidder's certification. That party ("the petitioner") must include in the petition a statement of the grounds of the petition and any supporting documentation. If FTA determines that the information presented in the petition indicates that the presumption in paragraph (a) of this section has been overcome, FTA will initiate an investigation.

(c) In appropriate circumstances, FTA may determine on its own to initiate an investigation without receiving a petition from a third party.

(d) When FTA determines under paragraph (b) or (c) of this section to conduct an investigation, it requests that the grantee require the successful bidder to document its compliance with its Buy America certificate. The successful bidder has the burden of proof to establish that it is in compliance. Documentation of compliance is based on specific circumstances of each investigation, and FTA will specify the documentation

required in each case.

(e) The grantee shall reply to the request under paragraph (d) of this section within 15 working days of the request. The investigated party may correspond directly with FTA during the course of investigation if it informs the grantee that it intends to do so, and if the grantee agrees to such action in writing. The grantee must inform FTA, in writing, that the investigated party will respond directly to FTA. An investigated party may provide confidential or proprietary information (see paragraph (1) of this section) directly to FTA while providing other information required to be submitted as part of the investigation through the grantee.

(f) Any additional information requested by FTA must be submitted within 5 working days after the receipt of such request unless specifically exempted by FTA.

(g) The grantee's reply (or that of the bidder) will be transmitted to the petitioner. The petitioner may submit comments on the reply to FTA within 10 working days after receipt of the reply. The grantee and the low bidder will be furnished with a copy of the petitioner's comments, and their comments must be received by FTA within 5 working days after receipt of the petitioner's comments.

(h) The failure of a party to comply with the time limits stated in this section may result in resolution of the investigation without consideration of untimely filed comments.

(i) During the course of an investigation, with appropriate notification to affected parties, FTA may conduct site visits of manufacturing facilities and final assembly locations as it considers appropriate.

(j) FTA will, upon request, make available to any interested party information bearing on the substance of the investigation which has been submitted by the petitioner, interested parties or grantees, except to the extent that withholding of information is permitted or required by law or regulations.

(k) If a party submitting information considers that the information submitted contains proprietary material which should be withheld, a statement advising FTA of this fact may be included, and the alleged proprietary information must be identified wherever it appears. Any comments on the information provided shall be submitted within a maximum of ten days.

(l) For purposes of paragraph (j) of this section, confidential or proprietary material is any material or data whose disclosure could reasonably be expected to cause substantial competitive harm to the party claiming that the material is confidential or proprietary.

(m) When a petition for investigation has been filed before award, the grantee will not make an award before resolution of the investigation, unless the grantee determines that:

(1) The items to be procured are urgently required;

(2) Delivery or performance will be unduly delayed by failure to make the award promptly; or

(3) Failure to make prompt award will otherwise cause undue harm to the grantee or the Federal Government.

(n) In the event that the grantee determines that the award is to be made during the pendency of an investigation, the grantee will notify FTA before making such award. FTA reserves the right not to participate in the funding of any contract awarded during the pendency of an investigation.

(o) Initial decisions by FTA will be in written form. Reconsideration of an initial decision of FTA may be requested by any party involved in an investigation. FTA will reconsider a decision only if the party requesting reconsideration submits new matters of fact or points of law that were not known or available to the party during the investigation.

A request for reconsideration of a decision of FTA shall be filed no later than ten (10) working days after the initial written decision. A request for reconsideration will be subject to the procedures in this section consistent with the need for prompt resolution of the matter.

§661.17 Failure to comply with certification

If a successful bidder fails to demonstrate that it is in compliance with its certification, it will be required to take the necessary steps in order to achieve compliance. If a bidder takes these necessary steps, it will not be allowed to change its original bid price. If a bidder does not take the necessary steps, it will not be awarded the contract if the contract has not yet been awarded, and it is in breach of contract if a contract has been awarded.

§661.19 Sanctions

A willful refusal to comply with a certification by a successful bidder may lead to the initiation of debarment or suspension proceedings under part 29 of this title.

§661.20 Rights of third parties

The sole right of any third party under the Buy America provision is to petition FTA under the provisions of §661.15 of this part. No third party has any additional right, at law or equity, for any remedy including, but not limited to, injunction, damages, or cancellations of Federal grant contracts of the grantee.

§661.21 State Buy America provisions

(a) Except as provided in paragraph (b) of this section, any State may impose more stringent Buy America or Buy National requirements than contained in section 165 of the Act and the regulations in this part.

(b) FTA will not participate in contracts governed by the following:

(1) State Buy America or Buy National preference provisions which are not as strict as the Federal requirements.

(2) State and local Buy National or Buy America preference provisions which are not explicitly set out under State law. For example, administrative interpretations of non-specific State legislation will not control.

(3) State and local Buy Local preference provisions.

BID PROTEST PROCEDURES

SECTION I -AUTHORITY BID PROTEST PROCEDURE

A. The Chicago Transit Authority (CTA/ Authority) will hear and consider a bona fide bid protest regarding its procurement actions. It is anticipated that the majority of protests will be evaluated and finally decided by the Authority. Accordingly, the Authority intends to provide a thorough review of all bona fide bid protests. The Authority's primary concern, however, is the timely procurement of needed capital equipment, supplies or services. It does not intend to allow the filing of bid protests to unnecessarily delay the procurement process, especially if the protest involved is vexatious or frivolous in nature.

Notwithstanding the availability of these protest procedures, any interested party is encouraged to exhaust all methods described in the Contract Documents of resolving a procurement issue before filing a formal protest with the Authority. In its consideration of a bid protest, the Authority reserves the right to give due consideration to the good faith efforts of the protestor to resolve the issue involved through informal methods.

Note. The Federal Transit Administration (FTA) will be notified by the Authority of all formal, written protests, when FTA funds are involved.

B. Definitions For purposes of this section -

1. The term "days" refers to working days of the Authority
2. The term "interested party" means any person (a) who is an actual bidder or prospective bidder in the procurement Involved, and (b) whose direct economic interest would be affected by the award of the contract or by a failure to award the contract.

C. Submission of Protests

Any interested party may file a bid protest with the Authority on the basis that the Authority has failed to comply with applicable Federal or State law or with the Authority's Procurement Regulations. The protest must be filed in accordance with the timing requirements set forth in Subsection D of this section, and must include:

1. The name and address of the protestor,
2. The number of the contract solicitation;
3. A statement of the grounds for the protest, and in particular the Federal or State law or Authority Regulation alleged to have been violated. This statement should be accompanied by any supporting documentation the protesting party desires the Authority to consider in making its decision.

Protests should be submitted to: **General Manager, Purchasing
Chicago Transit Authority
P.O. Box 7560
Chicago, IL 60680-7560**

D. Types of Protests and Timing

The requirement for timely filing of a bid protest with the Authority will depend upon the type of protests involved. The Authority will consider the following three types of protests by interested parties:

1. Protests regarding solicitation

Any bid protest regarding the solicitation by the Authority must be filed **no later than five (5) days before the opening of bids.** Any protest filed after that date which raises issues regarding the solicitation will not be considered by the Authority.

This type of protest would include any claim that the bid solicitation contained exclusionary or discriminatory specifications, any challenge to the basis of award, or any claim that the solicitation documents or the solicitation process violated applicable Federal or State law, or Did the Authority failed to follow its Procurement Regulations in the solicitation of bids.

2. Protests regarding bid evaluation

Any bid protest regarding the evaluation of bids by the Authority must be filed with the Authority no later than twenty (20) days after the opening of bids. Any protest filed after such date which raises issues regarding the bid evaluation will not be considered by the Authority.

This type of protest would include any challenge to determinations by the Authority of the responsiveness of a bid or the responsibility of a bidder, or any claim that the evaluation of bids violated Federal or State law or the Authority's Procurement Regulations.

3. Protests Regarding Award of Contract

Any protest regarding the award of the contract must be filed no later than ten (10) days after the date of award. Any protest regarding the award of the contract filed after that date will not be considered by the Authority.

This type of protest will only be entertained by the Authority if the protestor is able to demonstrate that the party awarded the contract fraudulently represented itself as a responsible bidder or that the Authority violated Federal or State law or its Procurement Regulations in the award of the contract.

E. Authority Response

1. Types of Protests

The Authority will notify the protestor upon timely receipt of a bid protest and may, where appropriate, request additional information from the protestor. The Authority may, at its discretion, meet with the protestor to review the matters raised by the protest. The Authority's consideration of the particular types of protests will, except as otherwise provided in Paragraph 2 of this subsection, be in accordance with the following provisions:

a. Protests regarding solicitation

Upon receipt of a timely filed protest regarding the solicitation, the Authority will postpone the opening of bids until resolution of the protest. No additional bids will be accepted during the period of postponement.

If the protest regarding the solicitation involves a claim of unduly restrictive or exclusionary specifications, the Authority will, in evaluating the protest consider both the specific need of the Authority for the feature or item challenged and any effects on competition of including the specification regarding that feature or item. If the Authority determines that such feature or item was included in the specification in order to meet justified and valid transit needs of the Authority, and was not unduly restrictive of competition or designed to exclude a particular competitor, then the Authority will have grounds to deny the protest.

b. Protests regarding bid evaluation

Upon receipt of a timely filed protest regarding the evaluation of bids, the Authority will suspend its evaluation of all bids submitted until resolution of the protest if the Authority determines that the protestor has established that there are reasonable doubts regarding the responsiveness of a bid or the responsibility of a bidder or regarding the Authority's compliance with Federal or State law or its Procurement Regulations.

c. Protests after award

upon receipt of a timely filed protest regarding the award of a contract, the Authority will issue a stop work order, if necessary, until the resolution of the protest if the Authority

determines that the protester has established a Prima facie case that the contract was awarded fraudulently or in violation of that Federal or State law or the Authority's Procurement Regulations.

2. Decisions by Authority

As indicated above, in most Instances the Authority will suspend the procurement process upon receipt of a bona fide bid protest. However, the Authority reserves the right, notwithstanding the pendency of a protest to proceed with the appropriate action in the procurement process or under the contract in the following cases

- a. where the item to be procured is urgently required;
- b. where the Authority determines that the protest was vexatious or frivolous; and
- c. where delivery or performance will be unduly delayed, or other undue harm will occur, by failure to make the award promptly.

After review of a bid protest submitted under this section, the Authority will issue a written decision on the basis of the information provided by the protestor, the results of any meetings with the protestor, and the Authority's own investigation. If the protest is upheld, the Authority will take appropriate action to correct the procurement process and protect the rights of the protestor, including resolicitation of bids, revised evaluation of bids or Authority determinations, or termination of the contract. If the contract is denied, the Authority will lift any suspension imposed and proceed with the procurement process or the contract, as the case may be.

The availability of review of bid protests by FTA is described in Section II. As noted in that section, under FTA's revised procurement guidelines the role of the Federal government in bid protest review is quite limited.

SECTION II - FTA BID PROTEST PROCEDURE

Under FTA Circular 4220.1 D, reviews of protests by FTA will be limited to claims that the CTA failed to have or follow protest procedures, or claims that CTA failed to review a complaint or protest. A protester must exhaust all administrative remedies with the CTA before pursuing a protest with FTA. An appeal to FTA must be received by the cognizant FTA regional or Headquarters Office within five (5) working days of the date the protester knew or should have known of the violation. Violations of Federal law or regulation will be handled by the complaint process stated within that law or regulation. Violations of State or local law or regulations will be under the jurisdiction of State or local authorities.

**CHICAGO TRANSIT AUTHORITY
INSURANCE AND BOND REQUIREMENTS**

[Short Form rev. 12/04/02]

REQUISITION NUMBER: 100860364 (B09FR00317)
SPECIFICATION NUMBER CTA: _____

PART I. GENERAL INSTRUCTIONS AND REQUIREMENTS

A. WAYS TO COMPLY WITH CTA INSURANCE REQUIREMENTS.

1. HOW TO COMPLY IF CGL, OWNERS PROTECTIVE LIABILITY, BUILDER'S RISK INSURANCE AND/OR PROFESSIONAL LIABILITY ARE REQUIRED BY PART III OF THIS DOCUMENT.

There are three ways to satisfy the CTA's insurance requirements for Comprehensive General Liability, Owners Protective Liability, Builder's Risk and Professional Liability. For Comprehensive General Liability, Owners Protective Liability, Builder's Risk and Professional Liability the Contractor must provide the CTA with one of the following insurance documents:

- a) certified copy of the insurance policy,
- b) an insurance binder, *and*
- c) the CTA Certificate of Coverage on the CTA approved form. The CTA Certificate of Coverage may be completed only by an authorized representative of the insurance company, an agent, broker, or underwriter. The CTA Certificate of Coverage must be accompanied by all endorsements pertaining to the general liability policy.

2. HOW TO COMPLY IF *RAILROAD PROTECTIVE INSURANCE* IS REQUIRED BY PART III OF THIS DOCUMENT.

There are two ways to satisfy the CTA's insurance requirements for Railroad Protective. The Contractor must provide the CTA with one of the following insurance documents:

- a) certified copy of the insurance policy *or*
- b) an insurance binder

Method b is a temporary method that is valid only for 90 days. A certified copy of the railroad protective insurance policy must be furnished prior to the expiration of this 90 day period.

3. HOW TO COMPLY FOR ALL OTHER TYPES OF REQUIRED INSURANCE.

For all other insurance required by Part III of this document, an ACORD™ certificate is acceptable.

B. DEADLINE FOR INITIAL SUBMITTAL OF CONTRACTOR'S INSURANCE AND BOND DOCUMENTS.

The Contractor must furnish all required insurance and performance and payment bond documents within fourteen days of the date that the Contractor receives a letter (the "Insurance Submittal

Letter”) from the CTA’s General Manager of Purchasing requesting the Contractor to submit the documents required by these Insurance and Bond Requirements. CTA will not execute the Contract until the required insurance and bond documents are delivered to CTA and approved by CTA. Failure to deliver the required documents within fourteen days of receipt of the Insurance Submittal Letter is a material failure to comply with the specifications and may result in any or all of the following at the CTA’s sole discretion:

1. debarment or suspension, and
2. determination of Contractor non-responsibility.

C. CTA ADDRESS.

All notices and documents must be mailed to the CTA at:

Chicago Transit Authority
Manager, Risk Management
P.O. Box 7564
Chicago, IL 60680-7564

D. OBLIGATION TO MAINTAIN CONTINUOUS COMPLIANCE

1. The Contractor expressly agrees that failure to comply and maintain compliance with all insurance and bond requirements shall constitute a material breach of the Contract which may result in default and, if uncured, termination for default under the contract. In addition, such failure, if uncured, may result in debarment and suspension.

2. The Contractor is prohibited from performing any work if Contractor has allowed any of the required insurance policies to expire.

PART II. INSURANCE REQUIREMENTS

- A. The CTA must be named as an Additional Insured and Certificate Holder. When the CTA is an additional insured, the coverage shall be primary.
- B. The CTA must be the Named Insured on the Owners Protective Liability, Railroad Protective Liability, or Builders Risk Insurance policies.
- C. The Commercial General Liability and Owners Protective Liability, General Aggregate Limit of Liability, if any, must apply on a per location, per project basis by endorsement to the policy.
- D. All insurance carriers must be acceptable to the CTA. All insurance companies shall have at least a B+ VII POLICY HOLDER RATING, or better, by the A.M. Best Co., Inc. Insurance companies with lower ratings will not be accepted. Carriers licensed to do business in the State of Illinois must issue all insurance, with the exception of Railroad Protective.
- E. To the extent permitted by the Contractor's insurance policies required by the CTA, the Contractor and its insurers waive all rights of subrogation against the CTA.
- F. The insurance to be carried shall in no way be subject to limitations, if any, expressed in the indemnity section of the General Conditions (or any statutory, judicial or common law limitations).

PART III. INSURANCE COVERAGES

A. WORKERS COMPENSATION

Coverage A: In form and in accordance with the laws of the State of Illinois.

Coverage B: Employers Liability:

\$1,000,000 Bodily Injury by Accident

\$1,000,000 Bodily Injury by Disease, Policy Limit

B. COMPREHENSIVE OR COMMERCIAL GENERAL LIABILITY:

\$2,000,000 General Aggregate (Per Location)

\$2,000,000 Products/Completed Operations Aggregate

\$1,000,000 Personal Injury and Advertising Injury

\$1,000,000 Per Occurrence

The Commercial General Liability policy shall include, without limitation: (i) Broad Form Contractual Liability, (ii) Products/Completed Operations to be maintained in full force and effect for a period of two (2) years following final completion of the work under the Contract, (iii) Independent Contractors' Protective Liability, (iv) Premises/Operations, including deletion of explosion, collapse and underground (XCU) exclusions, (v) Broad Form Property Damage, including Products/Completed Operations, (vi) Bodily Injury and Personal Injury Liability, with employee and contractual exclusions deleted, (vii) Severability of Interest and Cross Liability endorsement and (viii) Contractor expressly agrees to waive, and will require its insurer to waive, its rights, benefits and entitlement under the "Other Insurance" clause of its Commercial General Liability policy, with respect to the CTA.

If any work is to be performed within fifty (50) feet of rail right-of-way and the Contractor is not required to provide Railroad Protective Insurance by the other provisions of these Insurance and Bond Requirements, then an additional requirement applies which can be satisfied in either of the two following ways: 1) the CGL policy exclusion for coverage of work within fifty (50) feet of rail right-of-way must be deleted by endorsement to the CGL policy, or 2) in the alternative, railroad protective insurance may be provided.

C. AUTOMOBILE LIABILITY

\$1,000,000 Combined Single Limit (Bodily Injury and Property Damage)

Uninsured/Underinsured Motorist Including Owned, Non-Owned, Hired and Borrowed Vehicles and Equipment

D. UMBRELLA LIABILITY

N/A Each occurrence and in the aggregate, excess of the underlying policies.

The Umbrella Liability Policy shall specifically identify each of the policies described in A, B, and C above on the Schedule of Underlying Coverages, and shall provide coverage at least as broad as each of the underlying policies.

E. OWNERS PROTECTIVE LIABILITY

N/A General Aggregate (Per Location)

N/A Per Occurrence

N/A Combined Single Limit (Bodily Injury and Property Damage Per Location)

The definition of designated contractor must be amended to include contractors of every tier.

F. RAILROAD PROTECTIVE LIABILITY

\$2,000,000 Bodily Injury per Occurrence

\$6,000,000 Bodily Injury Aggregate

\$2,000,000 Property Damage per Occurrence

\$6,000,000 Property Damage Aggregate

The definition of designated contractor must be amended to include contractors of every tier.

G. GARAGEKEEPERS LEGAL LIABILITY

N/A Occurrence

H. PROFESSIONAL LIABILITY

N/A Per Claim

OTHER INSURANCE: CTA NAMED ADDITIONAL INSURED ON THE GENERAL LIABILITY POLICY.

PART IV BOND REQUIREMENTS

The Contractor shall furnish the following bond(s) for this contract:

Type of bond required:

Amt:

INSURANCE CERTIFICATE OF COVERAGE

Named Insured: _____ RFP#: _____ Specification #: _____
 Address: _____ Project #: _____
 (NUMBER & STREET) Contract #: _____
 (CITY) (STATE) (ZIP)

Description of Operation/Location	
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The insurance policies and endorsements indicated below have been issued to the designated named insured with the policy limits as set forth herein covering the operation described within the contract involving the named insured and the Chicago Transit Authority. The Certificate issuer agrees that in the event of cancellation, non-renewal or material change involving the indicated policies, the issuer will provide at least sixty (60) days prior written notice of such change to the Chicago Transit Authority at the address shown on this Certificate. This certificate is issued to the Chicago Transit Authority in consideration of the contract entered into with the named insured, and it is mutually understood that the Chicago Transit Authority relies on this certificate as a basis for continuing such agreement with the named insured.

Type of insurance	Insurer Name	Policy Number	Policy Period	Limits of Liability All Limits in Thousands
Commercial General Liability <input type="checkbox"/> Occurrence <input type="checkbox"/> Claims made <input type="checkbox"/> Premise-Operations <input type="checkbox"/> Explosion/Collapse <input type="checkbox"/> Underground <input type="checkbox"/> Products/Completed Operations <input type="checkbox"/> Blanket Contractual <input type="checkbox"/> Broad Form Property Damage <input type="checkbox"/> Independent Contractors <input type="checkbox"/> Personal Injury <input type="checkbox"/> Pollution Commercial General Liability Form #: CG 00 01 _____				Each Occurrence \$ _____ General Aggregate \$ _____ Products/Completed Operations Aggregate \$ _____
Automobile Liability (Any Auto)				Each Occurrence \$ _____
Excess Liability <input type="checkbox"/> Umbrella Liability				Each Occurrence \$ _____
Workers' Compensation and Employer's Liability				Statutory/Illinois Employers Liability \$ _____
Builders' Risk/Course of Construction				Amount of Contract \$ _____
Professional Liability				\$ _____
Owner Contractors Protective				\$ _____
Other				_____

- a) Each insurance policy required by this agreement, except policies for workers' compensation and professional liability, will read:
 "The Chicago Transit Authority is an additional insured as respects to operations and activities of, or on behalf of the named insured, performed under contract with or permit from the Chicago Transit Authority".
- b) The General, Automobile and Excess/Umbrella Liability Policies described provide for separation of insureds applicable to the named insured and the CTA.
- c) Workers Compensation and Property insurer shall waive all rights of subrogation against the Chicago Transit Authority.
- d) The receipt of this certificate by the CTA does not constitute agreement by the CTA that the insurance requirements in the contract have been fully met, or that the insurance companies indicated by this certificate are in compliance with all contract requirements.

Name and Address of Certificate Holder and Receipt of Notice Certificate Holder/Additional Insured Chicago Transit Authority Dept. of Risk Management P.O. Box 7564 Chicago, IL 60680	Signature of Authorized Representative _____ Agent/Company Address _____ Telephone _____
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Davis-Bacon Act.

I. Minimum Wages.

- a. All mechanics and laborers employed or working upon the Project Site, (or under the United States Housing Act of 1937 or under the Housing Act of 1949 in the construction or development of the Project), will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR, Part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at the time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor, which is attached hereto and made a part hereof, regardless of any contractual relationship that may be alleged to exist between the Contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under Section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of Subsection I.d. of this Section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds or programs that cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics must be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR Section 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, that the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under 1b of this Section 18.17) and the Davis-Bacon poster (WH-1321) must be posted at all times by the Contractor and its Subcontractors at the Project Site in a prominent and accessible place where it can be easily seen by the workers.

- b. (1) The General Manager, Purchasing will require that any class of laborers or mechanics that is not listed in the wage determination and that is to be employed under the Contract be classified in conformance with the wage determination. The General Manager, Purchasing will approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

- i) The work to be performed by the classification requested is not performed by a classification in the wage determination;
 - ii) The classification is utilized in the area by the construction industry; and
 - iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.
- (2) If the Contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the General Manager, Purchasing agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken will be sent by the General Manager, Purchasing to the Administrator of the Wage and Hour Division, Employment Standards Administration, Washington, DC, 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within thirty (30) days of receipt and so advise the General Manager, Purchasing or will notify the General Manager, Purchasing within the 30-day period that additional time is necessary.
- (3) In the event the Contractor, the laborers or mechanics to be employed in the classification or their representatives, and the General Manager, Purchasing do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the General Manager, Purchasing will refer the questions, including the views of all interested parties and the recommendation of the General Manager, Purchasing to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within thirty (30) days of receipt and so advise the General Manager, Purchasing or will notify the General Manager, Purchasing within the 30-day period that additional time is necessary.
- (4) The wage rate (including fringe benefits where appropriate) determined pursuant to Subsection 1.b. paragraphs (2) and (3) of this Section, must be paid to all workers performing work in the classification under this Contract from the first day on which work is performed in the classification.
- c. Whenever the minimum wage rate prescribed in the Contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the Contractor must either pay the benefit, as stated in the wage determination or must pay another bona fide fringe benefit or an hourly cash equivalent thereof.

- d. If the Contractor does not make payments to a trustee or other third person, the Contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, provided, that the Secretary of Labor has found, upon the written request of the Contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the Contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.
2. **Withholding.** The Authority will upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld from the Contractor under this Contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the Contractor or any Subcontractor the full amount of wages required by the Contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the Project Site of the work (or under the United States Housing Act of 1937 or under the Housing Act of 1949 in the construction or development of the Project), all or part of the wages required by the Contract, the Authority may, after written notice to the Contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.
3. **Payrolls and Basic Records.**
 - a. Payrolls and basic records relating thereto must be maintained by the Contractor during the course of the work and preserved for a period of three (3) years thereafter for all laborers and mechanics working at the Project Site (or under the United State Housing Acts of 1937, or under the Housing Act of 1949, in the construction or development of the project). Such records must contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in Section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in Section 1 (b)(2)(B) of the Davis-Bacon Act, the Contractor must maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs must maintain written evidence of the registration of apprenticeship programs and certification of trainee

programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

- b. (1) The Contractor must submit weekly for each week in which any Work is performed, a copy of all payrolls to the Authority. The payrolls submitted must set out accurately and completely all of the information required to be maintained under §5.5(a)(3)(i) of Regulations, 29 CFR Part 5. This information may be submitted in any form desired. Optional form WH-347 is available for this purpose and may be purchased from the Superintendent of Documents (Federal Stock Number 029-005-00014-1), U.S. Government Printing Office, Washington, D.C. 20402. The Contractor is responsible for the submission of copies of payrolls by all Subcontractors.
- (2) Each payroll submitted must be accompanied by a "Statement of Compliance," signed by the Contractor or Subcontractor or his or her agent who pays or supervises the payment of the persons employed under the Contract and must certify the following:
 - i) that the payroll for the payroll period contains the information required to be maintained under §5.5(a)(3)(i) of Regulations, 29 CFR Part 5, and that such information is correct and complete;
 - ii) that each laborer or mechanic (including each helper, apprentice, and trainee) employed on the Contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR Part 3; and
 - iii) that each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the Contract.
- (3) The weekly submission of properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirements for submission of the "Statement of Compliance" required by 3b (2) of Section 18.17 of this Contract.
- (4) The falsification of any of the above certifications may subject the Contractor or subcontractor to civil or criminal prosecution under section 1001 Title 18 and Section 231 of Title 31 of the United States Code.

- c. The Contractor or subcontractor must make the records required under Subsection 3, paragraph a of this Section available for inspection, copying, or transcription by authorized representatives of the Federal Transit Administration, or the Department of Labor, and must permit such representatives to interview employees during working hours on the job. If the Contractor or Subcontractor fails to submit the required records or to make them available, the Federal agency may, after written notice to the Contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12

4. **Apprentices and Trainees.**

- a. **Apprentices** - Apprentices will be permitted to work at less than the predetermined rate for the work they perform when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services or with a State Apprenticeship Agency recognized by the Bureau, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship and Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification must not be greater than the ratio permitted to the Contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, must be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program must be paid not less than the applicable wage rate on the wage rate determination for the work actually performed. Where the Contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeymen's hourly rate) specified in the Contractor's or Subcontractor's registered program must be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen's hourly rate specified in the applicable wage determination. Apprentices must be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator of the Wage and Hour Division of the U.S. Department of Labor determines that a different practice prevails for the applicable apprentice

classification, fringe benefits must be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency recognized by the Bureau, withdraws approval of an apprenticeship program, the Contractor will no longer be permitted to use apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

- b. **Trainees** - Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification, by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the Project Site must not be greater than permitted under the plan provided by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeymen's hourly rate specified in the applicable wage determination. Trainees must be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees must be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeymen's wage rate on the wage determination that provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate, that is not registered and participating in a training plan approved by the Employment and Training Administration, must be paid not less than the applicable wage rate on the wage determination for the classification for work actually performed. In addition, any trainee performing work on the Project Site in excess of the ratio permitted under the registered program must be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event that the Employment and Training Administration withdraws approval of a training program, the Contractor will no longer be permitted to use trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.
 - c. **Equal Employment Opportunity:** The use of apprentices, trainees, and journeymen under 29 CFR 5.16 shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR Part 30.
- 5. **Compliance With Copeland Act Requirements** - The Contractor must comply with the requirements of 29 CFR Part 3, which are incorporated by reference in this Contract.
 - 6. **Subcontracts** - The Contractor or Subcontractor must insert in any subcontracts the clauses contained in 29 CFR 5.5(a)(1) through (10) and such other clauses as the Authority or Federal Transit Administration may by appropriate instructions

require, and also a clause requiring the Subcontractors to include these clauses in any lower tier subcontracts. The Contractor shall be responsible for the compliance by any Subcontractor or lower tier Subcontractor with all the contract clauses in 29 CFR 5.5.

7. **Contract Termination Debarment** - A breach of the Contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a Contractor and a Subcontractor as provided in 29 CFR 5.12.
8. **Compliance With Davis-Bacon and Related Act Requirements** - All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR Parts 1, 3, and 5 are herein incorporated by reference.
9. **Disputes Concerning Labor Standards** - Disputes arising out of labor standards provisions of this Contract shall not be subject to the general disputes clause of this Contract, PART 2, Article 16. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR Parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the Contractor (or any of its Subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.
10. **Certification of Eligibility** -
 - a. By entering into this Contract, the Contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the Contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
 - b. No part of this Contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12 (a)(1).
 - c. The penalty for making false statements is prescribed in the United States Criminal Code, 18 U.S.C. 1001.

GENERAL DECISION: IL20080009 02/06/2009 IL9

Date: February 6, 2009

General Decision Number: IL20080009 02/06/2009

Superseded General Decision Number: IL20070009

State: Illinois

Construction Types: Building, Heavy, Highway and Residential

County: Cook County in Illinois.

BUILDING, RESIDENTIAL, HEAVY, AND HIGHWAY PROJECTS (does not include landscape projects).

Modification Number	Publication Date
0	02/08/2008
1	02/22/2008
2	03/21/2008
3	04/25/2008
4	06/06/2008
5	07/04/2008
6	07/25/2008
7	08/22/2008
8	11/14/2008
9	11/21/2008
10	11/28/2008
11	01/02/2009
12	02/06/2009

ASBE0017-001 06/01/2008

	Rates	Fringes
HAZARDOUS MATERIAL HANDLER includes preparation, wetting, stripping removal scrapping, vacuuming, bagging and disposal of all insulation materials, whether they contain asbestos or not, from mechanical systems.....	\$ 29.93	18.75
Insulator/asbestos worker Includes the application of all insulating materials, protective coverings, coatings, and finishes to all types of mechanical systems.....	\$ 39.90	19.95

BOIL0001-001 07/01/2008

	Rates	Fringes
BOILERMAKER.....	\$ 39.27	18.45

BRIL0021-001 06/01/2008

	Rates	Fringes
BRICKLAYER.....	\$ 38.03	18.25

BRIL0021-004 06/01/2008

	Rates	Fringes
Marble Mason.....	\$ 38.03	18.25

BRIL0052-001 06/01/2008

	Rates	Fringes
Pointer, cleaner and caulker.....	\$ 38.20	16.41

CARP0555-001 06/01/2008

	Rates	Fringes
CARPENTER CARPENTER, LATHER, MLLWRIGHT, PILEDRIVER, and SOFT FLOOR LAYER.....	\$ 39.77	17.74

CARP0555-002 10/01/2007

	Rates	Fringes
CARPENTER (Excluding structures with elevators and structures over 3 1/2 stories)....	\$ 37.77	16.36

ELEC0009-003 05/26/2008

	Rates	Fringes
Line Construction Groundman.....	\$ 30.11	40.66%
Lineman and Equipment Operator.....	\$ 38.60	40.66%

* ELEC0134-001 06/02/2008

	Rates	Fringes
ELECTRICIAN.....	\$ 39.40	20.32

ELEC0134-002 04/01/1998

	Rates	Fringes
ELECTRICIAN ((CLASS B) (Install magnetic or electronic replacement ballasts either singly or in groups including necessary wiring within fixture; Install replacement lamp		

holders and/or sockets including necessary wiring within fixture including relocating sockets within fixture; Install replacement lighting circuit breakers where necessary; Install replacement lighting switches where necessary; Repair lighting fixtures other than ballast or socket replacements; Rewire chandeliers or incandescent fixtures only within fixtures themselves.).....\$ 20.71 2.975+a+b

FOOTNOTES:

- a-Paid Vacation- Employees who have been employed for one year but less than three years receive 1 week of paid vacation; employees who have been employed three years but less than ten years receive 2 weeks of paid vacation; Employees who have been employed ten years but less than twenty years receive 3 weeks of paid vacation; and employees who have worked twenty or more years receive 4 weeks of paid vacation.
- b-Funeral Leave-In the instance of the death of a mother, other-in-law-; father, father-in-law, sister, brother, husband, wife, or a child of an employee shall receive up to three days of paid funeral leave.

ELEC0134-003 06/07/2004

	Rates	Fringes
ELECTRICIAN		
ELECTRICAL TECHNICIAN.....	\$ 30.89	12.59

The work shall consist of the installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice sound vision production and reproduction, telephone and telephone interconnect, facsimile, data appatatus, coaxial, fibre optic and wireless equipment, appliances and systems used for the transmission and reception of signals of any nature, business, domestic, commercial, education, entertainment and residential purposes, including but not limited to communication and telephone, electronic and sound equipment, fibre optic and data communication systems, and the performance of any task directly related to such installation or service whether at new or existing sites, such tasks to include the placing of wire and cable and electrical power conduit or other raceway work within the equipment room and pulling wire and/or cable through conduit and the installation of any incidental conduit.

ELEV0002-003 01/01/2009

Rates	Fringes
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ELEVATOR MECHANIC.....\$ 44.93 18.285+A+B

FOOTNOTES:

- A. Eight paid holidays: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; Day after Thanksgiving; Veterans' Day and Christmas Day.
- B. Employer contributes 8% of regular basic hourly rate as vacation pay credit for employees with more than 5 years of service; and 6% for 6 months to 5 years of service.

* ENGI0150-006 06/01/2006

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 41.55	15.05
GROUP 2.....	\$ 40.25	15.05
GROUP 3.....	\$ 37.70	15.05
GROUP 4.....	\$ 35.95	15.05

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

- GROUP 1: Mechanic; Asphalt Plant*; Asphalt Spreader; Autograde*; Backhoes with Caisson attachment*;Batch Plant*; Benoto(Requires two Engineers); Boiler and Throttle Valve; Caisson Rigs*; Central Redi-Mix Plant*; Combination Backhoe Front Endloader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted)*; Concrete Conveyor; Concrete Conveyor, Truck Mounted; Concrete Paver over 27E cu. ft.*; Concrete Paver 27E cu ft and Under*; Concrete Placer*; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes*; Cranes, Hammerhead*; Cranes, (GCI and similar type Requires two operators only); Creter Crane; Crusher, Stone, etc; Derricks; Derricks, Traveling*; Formless Curb and Gutter Machine*; Grader, Elevating; Grouting Machines; Highlift Shovels or Front Endloader 2 1/4 yd. and over; Hoists, Elevators, Outside Type Rack and pinion and similar Machines; Hoists, One, Two, and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes*; Hydraulic Boom Trucks; Hydraulic Vac (and similar equipment);Locomotives; Motor Patrol*; Pile Drivers amd Skid Rig*; Post Hole Digger; Pre- Stress Machine; Pump Cretes Dual Ram(Requiring frequent Lubrication and Water); Pump Cretes; Squeeze Cretes-Screw Type Pumps Gypsum Bulker and Pump; Raised and Blind Hole Drill*; Roto Mill Grinder (36" and Over)*; Roto Mill Grinder (Less Than 36")*; Scoops-Tractor Drawn; Slip-Form Paver*; Straddle Buggies; Tournapull; Tractor with Boom, and Side Boom; and Trenching Machines*.
- GROUP 2: Bobcat (over 3/4 cu yd); Boilers; Broom, Power Propelled; Bulldozers; Concrete Mixer (Two Bag and over); Conveyor, Portable; Forklift Trucks; Greaser Engineer; Highlift Shovels or Front End loaders under 2 1/4 cu yd; Aotomatic Hoists, Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted)*;

Rollers; Steam Generators; Tractors; Tractor Drawn
 Vibratory Roller (Receives an additional \$.50 per hour);
 Winch Trucks with "A" Frame.

GROUP 3: Air Compressor-Small 250 and Under (1 to 5 not to exceed a total of 300 ft); Air Compressor-Large over 250; Combination-Small Equipment Operator; Generator- Small 50 kw and under; Generator-Large over 50 kw; Heaters, Mechanical; Hoists, Inside Elevators (Remodeling or Renovatin work); Hydrualic Power Units (Pile Driving, Extracting, and Drilling); Low Boys; Pumps Over 3" (1 To 3 not to exceed a total of 300 ft); Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches; Bobcat (up to and including 3/4 cu yd)

GROUP 4 - Bobcats and/or other Skid Steer Loaders; Brick Forklifts; Oilers

*-Requires Oiler

* ENGI0150-025 06/01/2008

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 42.00	20.30
GROUP 2.....	\$ 41.45	20.30
GROUP 3.....	\$ 39.40	20.30
GROUP 4.....	\$ 38.00	20.30
GROUP 5.....	\$ 36.80	20.30

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Asphalt Plant*; Asphalt Heater and Planer combination; Asphalt Heater Scarfire*, Asphalt Spreader; Autograder/ GOMACO or similar; ABG Paver*, Backhoes with Caisson attachment*, Ballast Regulator, Belt Loader*; Caisson Rigs*Car Dumper, Central Redi-Mix Plant*, Combination Backhoe; Front End Loader Machine (1 cu yd or over Backhoe bucket or with attachments); Concrete Breaker (truck mounted); Concrete Conveyor; Concrete Paver over 27E cu ft*; Concrete Placer*; Concrete Tube Float; Cranes, all attachments*; Cranes, Hammerhead, Linden, Peco and machines of a like nature*; Creter Crane; Crusher, stone; All Derricks; Derrick Boats; Derricks, traveling*; Dowell Machine with Air Compressor (\$1.00 above Class 1); Dredges*; Field Mechanic Welder; Formless Curb and Gutter Machine*; Gradall and machines of a like nature*; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver mounted*; Hoists, one, two, and three Drum; Hydraulic Backhoes*; Backhoes with Shear attachments*; Mucking Machine; Pile Drivers and Skid Rig*; Pre-Stress Machine; Pump Cretes Dual Ram (requires frequent lubrication and water)*; Rock Drill- Crawler or Skid Rig*; Rock Drill truck mounted*; Rock/ Track Tamper; Roto Mill Grinder, (36" and over)*; Slip-Form Paver*; Soil Test Drill Rig, truck mounted*; Straddle Buggies; Hydraulic Telescoping Form (tunnel); Tractor Drawn Belt Loader*; Tractor Drawn Belt Loader with attached Pusher (two engineers); Tractor with

boom; Tractaire with attachment; Traffic Barrier Transfer Machine*; Trenching Machine; Truck Mounted Concrete Pump with boom*; Underground Boring and/or Mining Machines 5 ft in diameter and over tunnel, etc.*; Wheel Excavator* & Widener (Apsco); Raised or Blind Hoe Drill, Tunnel & Shaft*

GROUP 2: Batch Plant*; Bituminous Mixer; Boiler and Throttle Valve; Bulldozer; Car Loader Trailing Conveyors; Combination Backhoe Front End Loader Machine, (less than 1 cu yd Backhoe Bucket with attachments); Compressor and Throttle Valve; Compressor, common receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S series to and including 27 cu ft; Concrete Spreader; Concrete Curing Machine; Burlap Machine; Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or similar type); Drills (all); Finishing Machine-Concrete; Greaser Engineer; Highlift Shovels or Front End Loader; Hoist- Sewer Dragging Machine; Hydraulic Boom Trucks, all attachments; Hydro-Blaster (requires two operators); Laser Screed*; Locomotives, Dinky; Off-Road Hauling Units (including articulating); Pump Cretes; Squeeze Cretes-Screw Type pumps, Gypsum Bulker and Pump; Roller Asphalt; Rotary Snow Plows; Rototiller, Seaman, self-Propelled; Scoops-Tractor Drawn; Self-propelled Compactor; Spreader-Chip-Stone; Scraper; Scraper-Prime Mover in Tandem regardless of size (add \$1.00 to Group 2 hourly rate for each hour and for each machine attached thereto add \$1.00 to Group 2 hourly rate for each hour); Tank Car Heater; Tractors, Push, pulling Sheeps Foot, Disc, or Compactor, etc; Tug Boats

GROUP 3: Boilers; Brooms, all power propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer, two bag and over; Conveyor, Portable; Farm type Tractors used for mowing, seeding, etc; Fireman on Boilers; Forklift Trucks; Grouting Machines; Hoists, Automatic; Hoists, all Elevators; Hoists, Tugger single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-hole Digger; Power Saw, Concrete, Power Driven; Pug Mills; Rollers, other than asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with A-Frame; Work Boats; Tamper-Form motor driven

GROUP 4: Air compressor - Small 250 and under (1 to 5 not to exceed a total of 300 ft); Air Compressor - Large over 250; Combination - Small Equipment Operator; Directional Boring Machine; Generators - Small 50 kw and under; Generators - Large , over 50 kw; Heaters, Mechanical; Hydraulic power unit (Pile Driving, Extracting or Drilling); Light Plants (1 to 5); Pumps, over 3" (1 to 3, not to exceed a total of 300 ft); Pumps, Well Points; Tractaire; Welding Machines (2 through 5); Winches, 4 small electric drill winches;

GROUP 5: Bobcats (All); Brick Forklifts; Oilers; Directional Boring

*Requires Oiler

	Rates	Fringes
IRONWORKER (Structural and Reinforcing).....	\$ 40.25	24.99

* IRON0063-001 06/01/2008

	Rates	Fringes
IRONWORKER: ORNAMENTAL.....	\$ 39.05	19.64

IRON0063-002 06/01/2007

	Rates	Fringes
IRONWORKER		
Fence Erector.....	\$ 28.64	12.75
Metal Fence Erector.....	\$ 22.54	12.04

IRON0136-001 07/01/2006

	Rates	Fringes
IRONWORKER		
Machinery Movers and Riggers.....	\$ 30.24	19.87
Master Riggers.....	\$ 32.74	19.87

* LABO0002-006 06/01/2008

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 34.75	15.27
GROUP 2.....	\$ 34.75	15.27
GROUP 3.....	\$ 34.825	15.27
GROUP 4.....	\$ 34.85	15.27
GROUP 5.....	\$ 34.90	15.27
GROUP 6.....	\$ 34.95	15.27
GROUP 7.....	\$ 34.975	15.27
GROUP 8.....	\$ 34.975	15.27
GROUP 9.....	\$ 35.025	15.27
GROUP 10.....	\$ 35.20	15.27
GROUP 11.....	\$ 35.025	15.27
GROUP 12.....	\$ 35.75	15.27

LABORER CLASSIFICATIONS

GROUP 1: Building Laborers; Plasterer Tenders; Pumps for Dewatering; and other unclassified laborers.

GROUP 2: Fireproofing and Fire Shop laborers.

GROUP 3: Cement Gun.

GROUP 4: Chimney over 40 ft.; Scaffold Laborers.

GROUP 5: Cement Gun Nozzle Laborers (Gunite); Windlass and capstan person.

GROUP 6: Stone Derrickmen & Handlers.

GROUP 7: Jackhammermen; Power driven concrete saws; and other power tools.

GROUP 8: Firebrick & Boiler Laborers.

GROUP 9: Chimney on fire brick; Caisson diggers; & Well Point System men.

GROUP 10: Boiler Setter Plastic Laborers.

GROUP 11: Jackhammermen on fire brick work only.

GROUP 12: Dosimeter use (any device) monitoring nuclear exposure); Asbestos Abatement Laborer; Toxic and Hazardous Waste Removal Laborers.

* LABO0002-007 06/01/2008

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 34.75	15.27
GROUP 2.....	\$ 35.025	15.27
GROUP 3.....	\$ 34.90	15.27
GROUP 4.....	\$ 35.025	15.27
GROUP 5.....	\$ 35.75	15.27

LABORER CLASSIFICATIONS

GROUP 1: Common laborer; Tenders; Material expeditor (asphalt plant); Street paving, Grade separation, sidewalk, curb & gutter, strippers & All laborers not otherwise mentioned

GROUP 2: Asphalt tampers & smoothers; Cement gun laborers

GROUP 3: Cement Gun Nozzle (laborers), Guniting

GROUP 4: Rakers, Lutemen; Machine-Screwmen; Kettlemen; Mixermen; Drun-men; Jackhammermen (asphalt); Paintmen; Mitre box spreaders; Laborers on birch, overman and similar spreader equipment; Laborers on APSCO; Laborers on air compressor; Paving Form Setter; Jackhammermen (concrete); Power drive concrete saws; other power tools.

GROUP 5: Asbestos Abatement Laborers; Toxic and Hazardous Waste Removal Laborers, Dosimeter (any device) monitoring nuclear exposure

* LABO0002-008 06/01/2008

	Rates	Fringes
LABORER (Compressed Air)		
0 - 15 POUNDS.....	\$ 35.75	15.27
16 - 20 POUNDS.....	\$ 36.25	15.27
21 - 26 POUNDS.....	\$ 36.75	15.27
27 - 33 POUNDS.....	\$ 37.75	15.27

34 - AND OVER.....	\$ 38.75	15.27
LABORER (Tunnel and Sewer)		
GROUP 1.....	\$ 34.75	15.27
GROUP 2.....	\$ 34.875	15.27
GROUP 3.....	\$ 34.975	15.27
GROUP 4.....	\$ 35.10	15.27
GROUP 5.....	\$ 35.75	15.27

LABORER CLASSIFICATIONS (TUNNEL)

GROUP 1: Cage tenders; Dumpmen; Flagmen; Signalmen; Top laborers

GROUP 2: Air hoist operator; Key board operator; concrete laborer; Grout; Lock tenders (Free Air Side); Steel setters; Tuggers; Switchmen; Car pusher

GROUP 3: Concrete repairmen; Lock tenders (pressure side); Mortar men; Muckers; Grout machine operators; Track layers

GROUP 4: Air trac drill operator; Miner; Bricklayer tenders; Concrete blower operator; Drillers; Dynamiters; Erector operator; Form men; Jackhammermen; Powerpac; Mining machine operators; Mucking machine operator; Laser beam operator; Liner plate and ring setters; Shield drivers; Power knife operator; Welder- burners; Pipe jacking machine operator; skimmers; Maintenance technician

GROUP 5: Asbestos abatement laborer; Toxic and hazardous waste removal laborer; Dosimeter (any device) monitoring nuclear exposure

LABORER CLASSIFICATIONS (SEWER)

GROUP 1: Signalmen; Top laborers and All other laborers

GROUP 2: Concrete laborers and Steel setters

GROUP 3: Cement carriers; Cement mixers; Concrete repairmen; Mortar men; Scaffold men; Second Bottom men

GROUP 4: Air trac drill operator; Bottom men; Bracers-bracing; Bricklayer tenders; Catch basin diggers; Drainlayers; dynamiters; Form men; Jackhammermen; Powerpac; Pipelayers; Rodders; Welder-burners; Well point systems men

GROUP 5: Asbestos abatement laborer, Toxic and hazardous waste removal laborer; Dosimeter (any device) monitoring nuclear exposure

* LABO0225-001 06/01/2008

	Rates	Fringes
LABORER (DEMOLITION/WRECKING)		
GROUP 1.....	\$ 28.45	15.52
GROUP 2.....	\$ 34.75	15.52
GROUP 3.....	\$ 34.75	15.52

LABORER CLASSIFICATIONS

GROUP 1 - Complete Demolition

GROUP 2 - Interior Wrecking and Strip Out Work

GROUP 3 - Asbestos Work with Complete Demolition/Wrecking or
Strip Out Work

MARB0067-001 06/01/2008		
	Rates	Fringes
TERRAZZO WORKER/SETTER.....	\$ 37.39	17.38
TILE FINISHER.....	\$ 32.15	13.62
TILE SETTER.....	\$ 38.63	15.34

MARB0087-001 06/01/2008		
	Rates	Fringes
MARBLE FINISHER.....	\$ 28.65	18.17

PAIN0014-001 06/01/2008		
	Rates	Fringes
PAINTER		
Including Taper.....	\$ 36.90	16.32

PAIN0027-001 06/01/2008		
	Rates	Fringes
GLAZIER.....	\$ 37.00	20.13

PLAS0005-002 07/01/2008		
	Rates	Fringes
PLASTERER.....	\$ 38.10	16.35

PLAS0502-001 06/01/2008		
	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 41.85	15.43

* PLUM0130-001 06/01/2008		
	Rates	Fringes
PLUMBER.....	\$ 43.00	16.20

PLUM0597-002 06/01/2008		
	Rates	Fringes
PIPEFITTER.....	\$ 42.05	17.58

ROOF0011-001 12/01/2008		

	Rates	Fringes
ROOFER.....	\$ 36.40	11.95

SFIL0281-001 01/01/2008		

	Rates	Fringes
SPRINKLER FITTER.....	\$ 40.50	16.00

SHEE0073-001 01/01/2007		

	Rates	Fringes
Sheet Metal Worker.....	\$ 36.96	17.42

SHEE0073-002 01/01/2007		

	Rates	Fringes
Sheet Metal Worker		
ALUMINUM GUTTER WORK.....	\$ 24.03	17.42

* TEAM0731-001 06/01/2008		

COOK COUNTY - HEAVY AND HIGHWAY

	Rates	Fringes
TRUCK DRIVER		
2 & 3 Axles.....	\$ 30.70	12.35
4 Axles.....	\$ 30.95	12.35
5 Axles.....	\$ 31.15	12.35
6 Axles.....	\$ 31.35	12.35

FOOTNOTES:

A. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

B. 900 straight time hours or more in 1 calendar year for the same employer shall receive 1 week paid vacation; 3 years - 2 weeks paid vacation; 10 years - 3 weeks paid vacation; 20 years - 4 weeks paid vacation.

C. An additional \$.20 per axle shall be paid for all vehicles with more than six (6) axles.

CLASSIFICATIONS:

Group 1 - Frame Truck when used for transportation purposes; Air Compressor and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Articulated Dumps; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry Alls; Forl Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors, two-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Pothole Repair Trucks; Power Mower Tractors; Quick

Change Barrier; Self-Propelled Chip Spreader; Shipping and Receiving Clerks and Checkers; Skipman; Slurry Trucks, two-man operation; Slurry Trucks, Conveyor Operated - 2 or 3 man operation; Teamsters; Unskilled Dumpmen; Warehousemen and Dockmen; Truck Drivers hauling warning lights, barricades, and portable toilets on the job site

Group 2 - Dispatcher; Dump Crets and Adgetators under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-Mix Plant Hopper Operator; Winch Trucks, 2 Axles

Group 3 - Dump Crets and Adgetators, 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, one-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry Trucks, one-man operation; Winch Trucks, 3 axles or more; Mechanic - *Truck Welder and *Truck Painter*These classifications shall only apply in areas where and when it has been a past area practice; Asphalt Plant Operators in areas where it has been past practice

Group 4 - Dual-purpose vehicels, such as mounted crane tucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front

* TEAM0786-001 06/01/2008

COOK COUNTY - BUILDING AND RESIDENTIAL

	Rates	Fringes
TRUCK DRIVER		
2 & 3 Axles.....	\$ 31.33	.10+a
4 Axles.....	\$ 31.58	.10+a
5 Axles.....	\$ 31.78	.10+a
6 Axles.....	\$ 31.98	.10+a

FOOTNOTES:

a. \$463.00 per week.

An additional \$.20 per axle shall be paid for all vehicles with more than six (6) axles.

Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

900 straight time hours or more in 1 calendar year for the same employer shall receive 1 week paid vacation; 3 years - 2 weeks paid vacation; 10 years - 3 weeks paid vacation; 20 years - 4 weeks paid vacation.

CLASSIFICATIONS:

Group 1 - Frame Truck when used for transportation purposes; Air Compressor and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Articulated Dumps; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry Alls; Forl Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors, two-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Pothole Repair Trucks; Power Mower Tractors; Quick Change Barrier; Self-Propelled Chip Spreader; Shipping and Receiving Clerks and Checkers; Skipman; Slurry Trucks, two-man operation; Slurry Trucks, Conveyor Operated - 2 or 3 man operation; Teamsters; Unskilled Dumpmen; Warehousemen and Dockmen; Truck Drivers hauling warning lights, barricades, and portable toilets on the job site

Group 2 - Dispatcher; Dump Crets and Adgetators under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-Mix Plant Hopper Operator; Winch Trucks, 2 Axles

Group 3 - Dump Crets and Adgetators, 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, one-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry Trucks, one-man operation; Winch Trucks, 3 axles or more; Mechanic - *Truck Welder and *Truck Painter*These classifications shall only apply in areas where and when it has been a past area practice; Asphalt Plant Operators in areas where it has been past practice

Group 4 - Dual-purpose vehicels, such as mounted crane tucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.
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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations

indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

SPECIAL CONDITIONS
SPECIFICATION NO. CTA 4585-08
CONTRACT NO. B09FR00817

ELECTRONIC FUND TRANSFER

CTA has adopted Electronic Fund Transfer (EFT) as the preferred method of payment for vendor invoices. An EFT enrollment form will be provided to the successful bidder with the executed contract and must be completed to enable payment of vendor accounts by this method. If awarded a contract, provide the completed EFT form to the CTA Purchasing Administrator identified on the title page.

DELIVERY: RELEASE NOTICE

Periodic Release Notices will be issued against the Contract which will be the Contractor's authority to perform the work. Contractor is not to start performance without first receiving a release from CTA. CTA's primary method of issuing releases will be via e-mail. No paper release(s) will be generated. The Contractor is to provide a dedicated e-mail address on the proposal page, P-1 for receipt of the release(s). The Contractor is to confirm receipt of release(s) to PurchasingDepartment@transitchicago.com. The Contractor is to deliver services within the time stated in the release.

PERFORMANCE BOND

None required.

INSURANCE REQUIREMENTS

The contractor shall take out and maintain during the life of this Contract, insurance in accordance with the requirements set forth on separate sheet bearing this Specification number and entitled, "Insurance Requirements" and made a part hereof. Please note that Railroad Protective Insurance is also required on this contract.

DURATION OF CONTRACT

This Contract shall become effective on the date of the Contract and will remain in effect for a period of thirty (36) months.

ESTIMATED EXPENDITURES

Based on previous expenditures, CTA anticipates an expenditure of \$3,000,000.00 on this Contract. This figure is provided for your information only and in no way represents a commitment from CTA to purchase any specific dollar value of fencing work. Periodic releases will be issued over the period of this Contract.

PAYMENT

The Contractor shall submit an invoice for each release for acceptable and approved fencing work performed. Total payment to be made will be based upon the actual quantities installed at the unit prices as stated on the proposal pages. Invoices shall show a breakdown of the total number of units installed at the appropriate unit prices. Payment to the Contractor shall be made within 30 days after final acceptance of completed work assignment or within the time stated by the contractor on the proposal page if a cash billing discount is offered. Before any settlement is made, if in the opinion of the CTA, it is necessary, the Contractor must furnish satisfactory evidence that all persons who have been employed by said Contractor or who have furnished material and are entitled to a lien thereon have been fully settled with and are no longer entitled to a lien. Payment may be withheld until such evidence is furnished.

SPECIAL CONDITIONS (continued)
SPECIFICATION NO. CTA 4585-08
CONTRACT NO. B09FR00817

SCOPE OF WORK- PROPOSAL PREPARATION

The proposal requires submission of unit prices to repair and to furnish and install "major components" for right-of-way and non-right-of-way chain link fencing. It also requires submission of unit prices to repair and to furnish and install "major components" for ornamental iron fencing, guardrail, snow fencing, salt damage protection fencing, expanded metal fencing, and steel security fencing. Bidder to quote on all items listed on the proposal pages P-2 thru P-19.

The pricing submitted for the "major components" for right-of-way fencing shall include furnishing and installing of the new component and removing and disposing of the damaged component. The bidder is also to state on the appropriate proposal page the percentage (if any) to be deducted from the unit prices for right-of-way fencing for new construction when removal is not involved.

The pricing submitted for the "major components" for non-right-of-way fencing, ornamental fencing, guard rail, snow fencing, salt damage protection fencing, expanded metal fencing, and steel security fencing. shall be for new construction. The bidder is also to state on the appropriate proposal pages the percentage (if any) to be added to the unit prices if a major component is used for a repair to an existing installation where removal of the defective component is required.

Work performed under this contract shall consist of but not be limited to the following:

- **Repairing existing chain link right-of-way fence.** The quoted unit prices for these items are the basis of payment for all work performed excluding furnishing and the installing of major fence components (see page P-2). Repair shall consist of but not be limited to the furnishing and installation of damaged and/or missing miscellaneous hardware, fasteners and other materials (see incidental items in the specifications), adjust tension wires, straighten bent line posts and top rail, straighten and/or secure fabric and barbed wire, adjust or replace gate hardware, straighten gate panels, and perform all work necessary to repair existing wall mounted and ground mounted chain link fence. Repairs shall restore fence to its original strength, alignment and appearance. Bent line posts shall be straightened unless marked for replacement by the CTA Manager, Outsourced Maintenance or designee. Only those line posts which are structurally damaged or misaligned because of foundation movement will be marked for replacement. Bent gate, terminal and pull posts shall not be straightened. Gate, terminal and pull posts will be marked for replacement as deemed necessary by the CTA Manager, Outsourced Maintenance or designee. The CTA Manager, Outsourced Maintenance or designee will define limits of repair work with vertical lines painted on the fence.
- **Repairing existing chain link non-right-of-way fencing.** (Same as above however wall mounted fence is not included) It will also be required to provide unit pricing for fence removal. (See page P-6)

SPECIAL CONDITIONS (continued)
SPECIFICATION NO. CTA 4585-08
CONTRACT NO. B09FR00817

SCOPE OF WORK-PROPOSAL PREPARATION (continued)

- **Furnish and install major fence components for right-of-way fence.** Major fence components shall be installed only as directed by the CTA Manager, Outsourced Maintenance or designee. Components requiring replacement will be marked by the CTA Manager, Outsourced Maintenance or designee. Installation of a major fence component will require removal of the existing defective component. The following items shall be considered major fence components for which a unit price is required: fabric; line, gate, terminal, pull posts; top, bottom or intermediate rail; cantilever sliding gates complete; cantilever sliding gate components (track, rollers, latch); swing gate; ground rod; top and bottom tension wire; barbed wire arms; barbed wire; and razor ribbon. (See pages P-3 and P-4) Quoted unit prices for major fence components for **right-of-way fence** shall include those costs directly associated with removing and disposing of the damaged component and with furnishing and installing the new component, including incidental items (see spec. 4585-08). Bidder is also to state the percentage (if any) to be deducted from the unit prices for new construction when removal of a damaged component is not involved. Bidder shall also quote on the items listed for **miscellaneous right of way fencing** on P-5.
- **Furnish and install major fence components for non-right-of-way fence.** The following items shall be considered major fence components for which a unit price is required: fabric; line, gate, end, corner or pull posts; top, bottom or intermediate rail; swing gates; overhead slide gates; barbed wire arms; barbed wire; razor ribbon; privacy slats; privacy fabric; top or bottom tension wire. (See pages P-7 and P-8) Quoted unit prices for major fence components for **non-right-of-way fencing** shall be for **new construction** and include incidental items (see spec. 4585-08). Bidder is also to state the percentage (if any) to be added if a major fence component is needed to repair an existing fence for which removal of the damaged component is also required.
- **Furnish and install major components for guardrail and repairs to same.** The following items shall be considered major components for which a unit price is required: posts; steel plate beam guardrail; block outs; end sections, painting. It will also be required to provide unit pricing for guardrail removal and repair (see page P-9). Quoted unit prices for major components for **guardrail** shall be for **new construction** and include incidental items. Bidder is also to state the percentage (if any) to be added if a major component is needed to repair existing guardrail for which removal of the damaged component is also required.
- **Furnish and install major fence components for various types of ornamental iron fence (welded and bolted), expanded metal fencing, steel security fencing, and repairs to same.** The following items shall be considered major fence components for which a unit price is required: posts; panels; gates. It will also be required to provide unit pricing for fence removal and repair (see page P-10 thru P-13 and P-16 thru P-18). Quoted unit prices for major fence components for **ornamental iron fence** (welded and bolted) shall be for **new construction** and include incidental items. Bidder is also to state the percentage (if any) to be added if a major fence component is needed to repair an existing fence for which removal of the damaged component is also required.

SPECIAL CONDITIONS (continued)
SPECIFICATION NO. CTA 4585-08
CONTRACT NO. B09FR00817

SCOPE OF WORK-PROPOSAL PREPARATION (continued)

- **Furnish and install major components for snow fence and salt damage protection fencing and removal of same..** The following items shall be considered major components for which a unit price is required: posts; fabric. It will also be required to provide unit pricing for snow fence and salt damage protection fencing removal (see page P-14 and P-15). Quoted unit prices for major components for **snow fence and salt damage protection fencing** shall be for **new construction** and include incidental items.

The bidder shall state the unit prices for all the items listed on the proposal pages. Bidder shall also state his cash billing discount (if any) to the terms of payment and whether his prices are firm or subject to escalation. Bid price shall include all applicable charges and represent the installed price. Please note that it will be required to pay prevailing wage rates under the terms of this contract (see enclosed schedule).

The bidder shall show proof satisfactory to the CTA, if requested, that he has available the qualified skilled personnel, sufficient equipment and adequate successful experience to perform the work required. Failure to satisfy the CTA on these qualifications shall be cause for rejection of a bid.

ESCALATION

CTA encourages Bidders to quote prices that are firm for the contract period. If the bidder cannot offer firm prices, then the bidder may quote an escalated percentage for the second and/or third twelve (12) months of the contract. This escalation will be considered during bid analysis. This escalation must be substantiated by a notice of increase and the CTA reserves the right to require evidence satisfactory to the CTA which justifies any and all price increases.

Note: Escalation, if quoted is not automatically applied to the second and/or third 12 month period of the contract. Contractors must provide to the Authority a request for and documentation justifying said request. Escalation will not be applied until the request and acceptable documentation are received by the CTA.

SITE LOCATION

Work will be performed in varying amounts and at various locations in the Chicago Metropolitan Area including the CTA Rapid Transit Right of Way as directed by the CTA Manager, Outsourced Maintenance or designee.

WORKING CONDITIONS- RIGHT OF WAY

Work associated with the right-of-way fencing is in close proximity to an operating 600 volt DC electrified railroad. At no time will the work be permitted to interfere with operation of the railroad. Storage of equipment or material on the Authority's right-of-way will not be permitted without the CTA Manager, Outsourced Maintenance or designee's approval. Work will not be permitted on the right of way of any of the rapid transit lines between 0600 hours and 0930 hours nor between 1500 hours and 1900 hours daily unless otherwise directed by the CTA Manager, Outsourced Maintenance or designee.

SPECIAL CONDITIONS (continued)
SPECIFICATION NO. CTA 4585-08
CONTRACT NO. B09FR00817

SAFETY TRAINING-CONTRACTOR ID'S

Some work required is adjacent to CTA's third rail that is electrified with 600 volts DC. All Contractor personnel assigned to work around CTA platforms and stations are required to attend, and pass, a one day class in CTA's Safety school prior to the start of any work. The cost of attending CTA safety class (\$150.00 per person, paid in advance) as well as the employee's time shall be paid for by the Contractor. A rail safety pass will be issued to each of the Contractor's employees who have successfully completed the course and will be valid for a period of one (1) year.

All personnel working on CTA property must also display proper identification which must be visually displayed while performing work on CTA property. Proper ID's shall consist of a property pass, photo ID, plus a rail safety pass for employees working on platforms or around rail stations. Violation of these requirements shall be sufficient cause to cancel the contract.

The contractor shall make arrangements for his/her employees to attend safety school and obtain a property pass with the Administrative Secretary, Construction Oversight, located at 567 West Lake Street, Chicago, Illinois (312-681-3861). Contractor photo ID cards can be obtained by contacting the ID System Administrator, Personnel Services Department at 567 West Lake Street, Chicago, Illinois (312-681-2060). Additional information can be obtained from the CTA Manager, Outsourced Maintenance, or designee.

RAILROAD FLAGMEN-RIGHT-OF-WAY

The Authority will provide railroad flagmen as necessary to protect the work site from rapid transit operations. The cost of providing railroad flagmen will be borne by the Authority. Contractor shall confine the extent of the work area to assure that all personnel are in constant audible and visual contact with the flagmen. The contractor shall (verbally and via fax) provide the Manager, Construction with a minimum of twenty-four (24) hours advance notice of need for railroad flagmen. Contact Maureen Dunn, 3900 W. Maypole, Chicago, IL, (773-722-4070) fax (773-722-4665). Once flagmen have been scheduled, the contractor must give the CTA Manager, Outsourced Maintenance, twenty-four (24) hour notice (verbally and via fax) of any deviation from this schedule. Providing the deviation was not caused by weather conditions, failure of the Contractor to provide this notice shall result in liquidated damages. The contractor agrees to pay the CTA as reasonable liquidated damages the sum of \$400.00 for each occurrence.

SITE ACCESS-RIGHT-OF-WAY FENCING

Access to work sites shall be from adjacent roadways. CTA personnel will direct the contractor to the work site.

IDOT REGULATIONS-RIGHT-OF-WAY FENCING

All work shall be performed on work sites protected in accordance with the requirements of the Illinois Department of Transportation. No extra compensation will be allowed for costs associated with compliance to the requirements of the Illinois Department of Transportation; these costs shall be considered incidental to the work. The contractor shall be responsible for compliance with all IDOT requirements. The contractor shall notify and gain approval from the District Traffic Operations Engineer three (3) days prior to beginning any work.

SPECIAL CONDITIONS (continued)
SPECIFICATION NO. CTA 4585-08
CONTRACT NO. B09FR00817

TIME AND PROGRESS-COMPLETION OF WORK

All work shall commence within ten (10) days after receipt of written notice by the CTA Manager, Outsourced Maintenance, or designee and shall be completed promptly. Written notice will indicate location and scope of work. A separate release notice will be sent to the contractor within seven (7) days to permit billing when the work is completed and approved by the CTA Manager, Outsourced Maintenance, or designee. Failure to begin a work assignment, weather permitting, not later than the 10th calendar day after written notice shall constitute non-performance of the contract. Failure to furnish a full crew and sufficient material and equipment at the job site each day for the type of work to be performed, weather permitting, shall constitute unsatisfactory progress on that work assignment. Either non-performance or unsatisfactory progress on any work assignment shall constitute default by the contractor. In the event that an emergency repair is required, the contractor will be required to mobilize quickly and start the repairs within eight (8) hours of notification. Contractor shall state the mobilization charge for the eight (8) hour quick response time on Proposal Page P-19.

QUALIFICATIONS OF CONTRACTOR

It is the expressed intent that a qualified bidding contractor shall satisfy all the following requirements:

- has maintained a place of business for at least five (5) years.
- has qualified and skilled personnel and adequate tools and equipment to do the work properly and expeditiously within the specified time including emergencies that may arise.
- will perform a minimum of 70% of the work with personnel on its company payroll. All subcontracting work must be approved by the CTA Manager, Construction or designee at least forty-eight (48) hours in advance.
- has suitable financial status to meet obligations incidental to the work and in accordance with this contract.
- has sufficient technical experience and shall present evidence of familiarity with the work if requested by the Authority.
- has successfully completed other work, similar to that described by the specifications within the past twenty-four (24) months.
- shall be responsible for the entire work until completed and accepted by the Authority. The Authority will not recognize any other parties engaged on the contract work.
- shall be licensed and bonded or registered in accordance with regulations of the municipality of Chicago or where the construction site is located within the metropolitan transit area.

TERMINATION FOR CONVENIENCE

The Authority may terminate this Agreement, in whole or in part, without cause, at any time, by written notice to the Contractor whenever the Authority determines that such termination is in the best interest of the Authority. Upon receipt of written notice of termination, all services and other performance hereunder by the Contractor shall cease to the extent specified in the notice of termination. In the event of termination in whole, the Contractor shall prepare a final invoice within thirty (30) days of such termination reflecting the services actually furnished pursuant to this Agreement to the satisfaction of the Authority and for which no previous invoice was submitted to the Authority.

SPECIAL CONDITIONS (continued)

SPECIFICATION NO. CTA 4585-08

CONTRACT NO. B09FR00817

TERMINATION FOR CONVENIENCE (continued)

The Contractor shall be paid costs, including closeout costs, and profit for the services performed up to the time of termination. The Contractor shall promptly submit, in accordance with the terms hereof, a termination claim to the Authority and the parties shall negotiate a termination settlement to be paid the Contractor. If the Contractor has any property in his possession belonging to the Authority, the Contractor will account for same, and dispose of it in the manner the Authority directs.

CARRYING ON THE WORK

The contractor shall carry on the work in such a manner (including storing of material and equipment) so as not to unduly interfere with operation and storing of CTA vehicles, or interfere with work carried on by the Chicago Transit Authority. The Contractor shall provide all necessary barricades and lanterns and shall take all necessary precautions to safeguard against any accidents and damages.

COMPLIANCE WITH LAWS, REGULATIONS AND CODES

If any part of this Specification shall be at date of issue, or shall become, in non-conformity with current or future City, County, State or Federal Laws and/or Codes or Regulations, because of materials or requirements specified therein, Chicago Transit Authority shall have the right to negotiate for and accept or reject substitute materials and/or requirements.

ACCIDENTS

The Contractor shall comply with all laws, ordinances, codes, rules and regulations relative to health, safety and the prevention of accidents. In case of an accident, the Contractor shall immediately furnish the Manager, Construction with full data relative to such accident.

REMOVAL OF RUBBISH AND CLEAN-UP

Make a general clean-up at the close of each day's work.

PERMITS

Contractor shall obtain and pay for all permits that may be required by any municipality or other governing body for doing the work of this nature within their confines.

GUARANTEE

The Contractor warrants to the CTA that all materials and equipment furnished under this Contract will be of highest quality and new unless otherwise specified by the CTA, free from faults and defects and in conformance with the Contract Documents. All work not so conforming to these standards shall be considered defective. If required by the CTA, the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment.

SPECIAL CONDITIONS (continued)
SPECIFICATION NO. CTA 4585-08
CONTRACT NO. B09FR00817

GUARANTEE (continued)

The work furnished must be of first quality and the workmanship must be the best obtainable in the various trades. The Work must be of safe, substantial and durable construction in all respects. The Contractor hereby guarantees the Work against defective materials or faulty workmanship for a minimum period of one (1) year after Final Payment by the CTA and shall replace or repair any defective materials or equipment or faulty workmanship during the period of the guarantee at no cost to the CTA.

ESTIMATED YEARLY QUANTITY

Based on previous usage it is anticipated that the usage on this contract will be as stated on the proposal pages as ESTIMATED YEARLY QUANTITY. Bids will be evaluated based on the ESTIMATED YEARLY QUANTITY. Please note that the ESTIMATED YEARLY QUANTITY is approximate and the actual usage may vary. No adjustment of the quoted unit prices will be permitted due to any variance between the actual usage and those as stated on the proposal pages.

BID EVALUATION AND CONTRACT AWARD

Bid evaluation will be based upon the total dollar sum derived by multiplying the estimated quantities for each item on the Proposal sheets by the unit prices submitted. Award shall be made to the lowest responsive and responsible bidder based on the aforementioned "total" amount.

CTA ETHICS ORDINANCE

The Contractor agrees to comply with the CTA Code of Ethics, CTA Ordinance No. 004-99, as amended from time to time, the provisions of which are hereby incorporated into this Agreement. The Contractor further agrees that any contract negotiated, entered into or performed in violation of the Code of Ethics shall be voidable as to the CTA.
CTA.

ACCESS TO RECORDS AND REPORTS

The Contractor shall permit and agree to cooperate with the authorized representatives of the CTA, including, but not limited to, the CTA's Inspector General and auditors, who may inspect and audit all data and records of the Contractor relating to the Contractor's performance and Subcontractor contracts under this Contract from the date of this Contract through and until the expiration of five years after completion of this Contract.

PROMPT PAYMENT TO SUBCONTRACTORS

- A) Prime Contractors are required to pay all subcontractors, both DBE and non-DBE, for all work which the subcontractor has satisfactorily completed, no later than five (5) business days after the prime Contractor received payment from CTA.
- B) In addition, all retainage amounts must be returned by the prime Contractors to the subcontractor no later than fourteen (14) business days after the subcontractor has satisfactorily completed its portion of the contract work, including punch list items, whether or not CTA has paid the prime Contractor.

SPECIAL CONDITIONS (continued)

SPECIFICATION NO. CTA 4585-08

CONTRACT NO. B09FR00817

PROMPT PAYMENT TO SUBCONTRACTORS (continued)

C) A delay in or postponement of payment to the subcontractor requires good cause and prior written approval of the Purchasing Agent.

D) All prime Contractors are required to include, in each subcontract, a clause requiring the use of appropriate arbitration mechanisms to resolve all payment disputes.

E) CTA will not reimburse prime Contractors for work performed unless and until the prime Contractor ensures that the subcontractors are promptly paid for the work they have performed to date as evidenced by the filing with CTA of lien waivers and canceled checks.

F) CTA will consider failure to comply with these prompt payment requirements a contract violation which may lead to any remedies permitted under law, including but not limited to, contract debarment.

INSPECTION AND REJECTION

The CTA reserves the right to test and inspect all material, and to reject all material which do not conform to these specifications. After notification of the rejection, the Contractor shall without cost to the CTA replace any material(s) not complying with the specification.

ALTERNATE BRANDS

Alternate brands will be considered if equal to the examples listed in the specifications. Bidder to submit a technical specification sheet for evaluation of each item that varies from that listed in the specifications. The specification sheet must list in detail the capacities and performance associated with that item. CTA reserves the right to determine if a substitution is acceptable or not acceptable. The CTA may also direct that a sample be furnished for testing and evaluation. In order to issue a contract in a reasonable amount of time, items requiring extensive testing prior to approval will not be considered for an award on this contract.

BIDDER INQUIRIES

Any questions regarding the content of the Contract Documents must be submitted in writing at least seven (7) days prior to the bid opening. Inquiries can be fax'd to the Procurement Administrator as identified on the cover sheet of the Contract documents at (312) 681-2495.

CHICAGO TRANSIT AUTHORITY

DETAIL SPECIFICATION FOR VARIOUS FENCING

SPECIFICATION NO. CTA 4585-08

1. SCOPE

- 1.1 This specification covers the requirements for the furnishing, installation and repair of various types of fencing and guardrails at various Chicago Transit Authority (CTA) locations.

2 GENERAL

- 2.1 The Contractor shall furnish all the required equipment, tools, material and labor necessary to fabricate, install and/or repair all types of chain link fencing, security steel fencing, expanded metal fencing, guardrails, ornamental fencing and associated hardware utilized throughout the CTA system. All fencing, guardrails and hardware shall meet the approval of the Manager of Outsourced Maintenance, or designee, hereafter called CTA Contact Person.
- 2.2 This specification is intended to be descriptive, not restrictive, and is solely for the purpose of indicating the type and quality level of fencing or guardrail, which meets the requirements of the CTA. Should a manufacturer's name, a brand name, a model number etc. be used in this specification, please add the words "or equal" immediately afterwards.
- 2.3 All fence and gates shall be accurately field measured by the Contractor prior to any fabrication.
- 2.4 Repairing existing fencing along CTA's Right-of-Way and on CTA property, the Contractor shall only remove as many damaged fence components and/or sections as can be replaced or repaired in one workday. At the end of each workday, the entire area initially protected by existing fencing must be secure. The Contractor shall remove and properly dispose of all debris generated by all such work.
- 2.5 When working on/or adjacent to freeway lanes, the Contractor shall follow Illinois Department of Transportation (IDOT) lane closure procedures. The contractor shall contact IDOT lane closure office a minimum of 2 days prior to scheduling right of way work. The Contractor shall furnish the following information to IDOT, the Expressway to be work on, Direction, Lanes, Location, Description of work being performed, the Traffic Control Contractor. The contractor can acquire additional information by contacting the Manager of Outsourced Maintenance, or designee.

2 GENERAL (Cont.)

- 2.6 All Contractor employees are required to possess and visually display proper identification while performing work on CTA property. Proper identification shall consist of the following: CTA Property Pass, Contractors Photo Identification and a Rail Safety Pass (if applicable). The Contractor shall refer to the Contract Document for detailed information on how to obtain proper identification.
- 2.7 The Contractor shall operate a fully equipped repair shop and/or service facility within the Chicago Metropolitan area and employ trained qualified staff to perform all required work. The location of the facility or facilities shall be identified in the Contract Documents and shall be open to CTA upon request.
- 2.8 Contractor shall remove all plants, rocks and debris that impede fence installation and properly dispose of debris and plant material off of CTA property. Plant material with 3" diameter or greater shall be charged at the price quoted on the Contractors bid proposal and itemized on Contract Release to the contractor. Plant material with smaller than 3" diameter shall be considered incidental.
- 2.9 The Contractor personnel may be working in areas of heavy passenger traffic. Due to safety concerns, no material, tools or debris can be accumulated on the walkways or in areas used by CTA customers. Barricades and warning signs shall be provided by Contractor and used to protect work areas while work is ongoing. CTA may require additional barricades at any time to ensure Contractor and CTA customer safety. The Contractor is required to provide the additional barricades immediately upon request.

3. GENERAL FENCE WORK

- 3.1 The Contractor shall provide installation, repair, demolition and/or replacement of fence, gates and related items such as posts, at various CTA locations as well as on the CTA Rapid Transit Right-of-Way. The Contractor shall comply with Illinois Department of Transportation Standard Specifications for Road and Bridge Construction. Site conditions will be varied.
- 3.1.1 The Contractor shall disassemble and remove fence and/or guardrail from CTA property as called for on the release. In removing posts, the Contractor shall either cut the post to ground level or remove the entire post including concrete as called for in the release. When removing the entire post, Contractor shall backfill and compact all holes.
- 3.2 Posts: Unless otherwise specified in contract release, all fence posts shall use concrete consisting of 4 bags Portland cement per ASTM- C150-07, aggregates per ASTM C33-03 and potable water, thoroughly mixed and mechanically vibrated or tamped. Post holes shall be a minimum of 42 inches deep. Unless otherwise called for on CTA drawings or on the release, excavate holes for each post to minimum diameter recommended by fence manufacturer, but not less than four times the largest cross section of post. Posts shall be centered and aligned in holes above bottom excavation. Fences less than 6 feet tall will have a minimum of 3 feet of post secured

3. GENERAL FENCE WORK (Cont.)

3.2 (Cont.)

in the posthole concrete. Fences greater than 6 feet tall shall have 50% of the fence height secured in the posthole concrete. Concrete footings shall extend 2 inches above grade and finished to a crown to shed water.

3.3 Barbed Wire - On all CTA fence where barbed wire is required, both Right of Way (ROW) and Non Right of Way, the following specifications apply:

3.3.1 Barbed Wire – Two strand, 0.099 inch diameter (12-1/2 gauge) steel wire with .080 inch diameter (14 gauge), four point barbs spaced not more than 5 inches on center (on center); metallic coated finish to match fabric.

3.3.1.1 Barbed Wire Support Arms – Manufacturer's standard barbed wire support arms conforming to ASTM F 626-96a(2003), metal and finish to match fence framework, with provision for anchorage to posts and attaching three rows of barbed wire to each arm. Supporting arms may be either attached to posts or integral with post top weather cap and must be capable of withstanding 250-pound downward pull at outermost end. Provide following type -

- a. Single vertical arm for three strands of barbed wire, one for each post.
- b. Single 45-degree arm for three strands of barbed wire, one for each post.
- c. Vee-type with two arms at 45-degree to vertical, one for each post.
- d. Inverted vee-type with two cross-braced arms at 45-degrees to vertical, one set for each post.

Pull wire taut and install securely to extension arms and secure to end post or terminal arms according to manufacturer's instructions.

3.3.2 Razor Ribbon (Barbed Tape) - On all CTA fence where barbed tape is required, both Right of Way (ROW) and Non Right of Way, continuous helical coils of barbed tape shall be used.

3.3.2.1 Tape - ANSI 430 stainless steel hardened to Rockwell (30N) 40-45, 0.025 inch thick by 1 inch wide prior to fabrication with four needle-sharp barbs not less than 1.25 inch long in clusters on 4 inch centers and permanently cold-clenched to a minimum of 230 degrees around a core wire.

3.3.2.2 Core wire - .098-inch diameter high tensile zinc-coated steel conforming to ASTM A 764-07 or stainless steel conforming to ASTM A 478-97(2002).

3.3.2.3 Clips - .065 inch thick by .375-inch wide stainless clips capable of withstanding a minimum 150 lb. pull load to limit extension of coil, resulting in a concertina effect when deployed.

3.3.2.4 Size and Type - When repairing existing wire provide coil diameter, type and configuration required to match existing barbed tape. When installing new barbed tape, provide 18-inch diameter single concertina type coil.

3. GENERAL FENCE WORK (Cont.)

3.3.2.4 (Cont.)

Pull wire taut and install securely to extension arms and secure to end post or terminal arms according to manufacturer's instructions

3.4 Chain link fence materials – Regardless of location, all CTA chain link fence materials shall comply with the Standard Specification for Chain Link Fence, American Association of State Highway and Transportation Officials (AASHTO) Designation M181 (galvanized-coated steel fabric and zinc-coated steel posts, hardware and fittings). The fabric used shall have a tensile strength of approximately 85,000 pounds per square inch unit tensile stress.

3.5.1 Top or Bottom Tension Wire – No. 7 gauge galvanized or aluminum coated steel coil spring wire. Provide one galvanized steel coated coil wire. Provide one turnbuckle for each continuous run of wire or a maximum run of five hundred feet.

3.5.1.1 Bottom Tension Wire - Install tension wire within of bottom of fabric before stretching fabric and tie to each post with not less than same gauge and type of wire. Pull wire taunt, without sags. Fasten Fabric to tension wire with 0.120 inch diameter (11 gauge) hog rings of same material and finish as fabric wire, spaced a maximum of 24 inch on center

3.5.1.2 Top Tension Wire - Install tension wire through post cap loops before stretching fabric. Pull wire taut, without sags. Fasten fabric to tension wire with 0.120 inch diameter (11 gauge) hog rings of same material and finish as fabric wire, spaced a maximum of 24 inch o.c

3.5.2 Top Rail - Manufacturer's longest lengths (17 to 21 feet) with swedged-end or expansion-type coupling, approximately 6 inches long for joining. Provide rail ends or other means for attaching top rail securely to each gate corner, pull or end post. The top rail shall be round steel, 1.660 inch outside diameter (OD), 2.27 pounds. per foot. Run rail continuously through line posts caps, bending to radius for curved runs and at other posts terminating into rail end attached to posts or post caps fabricated to receive rail. Provide expansion couplings as recommended by fencing manufacturer.

3.5.3 Center Rails - Install center rails in one piece between posts and flush with post on fabric side, using rail ends and special offset fittings where necessary. The center rail shall be round steel, 1.660 inch outside diameter (OD), 2.27 pounds per foot.

3.5.4 Bottom Rails - Install bottom rails in one piece between posts and flush with post on fabric side, using rail ends and special offset fittings where necessary. The bottom rail shall be round steel, 1.660 inch outside diameter (OD), 2.27 pounds. per foot.

3.5.5 Privacy Slats - Polyethylene tubular slats, 0.023 inch thick minimum, manufactured for chain link fencing from virgin polyethylene containing an ultraviolet inhibitor, sized to fit mesh specified in direction indicated. Provide 75 to 80 percent privacy factor.

3. GENERAL FENCE WORK (Cont.)

- 3.5.6 Privacy Fabric Material - All fabric shall be 100% polyethylene open mesh cloth with 85% windbreak. Fabric shall be woven from 3.0 ounce per square yard polyester material and coated after weaving weather 6.0 ounce per square yard coating of dark poly vinyl chloride coating, for a total weight of 9.0 ounces per square yard.

Hems and Seams (All hems shall be three-ply reinforced with heavy duty 1 oz. vinyl coated nylon. Windscreens 9' high shall have a center seam with internal reinforcement as above. All hems and seams are to be sewn with #7 weather and ultraviolet light resistant dacron thread.

Grommets: Grommets shall be of brass material spaced at a maximum of 18" apart on all hems. A 9' high windscreens center seam shall have grommets as above.

Air vents: Die cut air vents shall be placed a maximum of 10' apart.

A sample of privacy fabric acceptable to CTA is the Screen Gard fabric produced manufactured by M. Putterman & Co, Chicago.

Tensile strength (strip method) -200 x 140 lbs

Burst strength - 199 PSI

Colors: Green or Black, as defined in contract release.

- 3.6 Repair of Cut Chain Link Fence – Contractor will repair cut fence by weaving fabric when possible. Repair to be made with same gauge and color fabric wire.

- 3.7 Incidental items - The following fence components shall be considered as incidental to the work and the cost of these items shall be included in the quoted unit prices for both fence repair and major fence components.

- 3.7.1 Stretcher Bar and Bands - Galvanized ½" diameter steel bar or galvanized flat steel bar with minimum cross section dimensions of 3/16" by ¾". Attach to the post with minimum ⅝" by 1" galvanized ⅜" bolt and nut or with ⅜" diameter hook bolt. 3.6.12. Provide one bar for each gate and end post, and two for each corner and pull post, except where fabric is integrally woven into post.

- 3.7.2 Fabric Ties - No. 9 Gauge galvanized steel wire or No. 6 gauge steel spring clips or top rail; and line posts connections. No.11 gauge galvanized steel ring clips for connection to bottom tension wire. Use tie wire of proper length to secure fabric firmly to posts and rails. Bend ends of wire to minimize hazard to persons or clothing. Tie fabric to line posts 12" on center and to rails and braces 24" o.c.

- 3.7.3 Truss Rod - Galvanized steel rod, ⅜" diameter with adjustable take-up.

- 3.7.4 Post and Line Caps - Provide weather tight closure cap for each post. Provide line post caps with loop to receive tension wire or top rail as required.

- 3.7.5 Top Rail End Caps, Brace Bands and Tension Bands.

3. GENERAL FENCE WORK (Cont.)
- 3.7.6 Concrete - consisting of 4 bags Portland cement per ASTM C 150-07, aggregates per ASTM C 33-03, and potable water.
- 3.7.7 E-Z ANCHOR Fence Post Anchors - For use in bad soil only as directed by CTA Contact Person.
- 3.7.8 Hardware - Necessary for mounting, repair and installation:
 - 3.7.8.1 Swing Gate Hardware - Provide galvanized hardware and accessories for each gate according to the following -
 - 3.7.8.1.1 Hinges - Size and material to suit gate size, non-lift-off type, offset to permit 180-degree gate opening. Provide 1-1/2 pair of hinges for each leaf over 6-foot nominal height.
 - 3.7.8.1.2 Latch - Forked type or plunger-bar type to permit operation from either side of gate, with padlock eye to fit switch lock and shall be integral part of latch. The fork of the latch shall be minimum 1/4" thick and 1-1/2" wide and shall be welded to post of swing gate. Latch shall meet approval of the CTA Contact Person.
 - 3.7.8.1.3 Double Drive Gate Latch - U- type latch heavy duty double drive hot dipped galvanized finish 18 lb. Latch constructed to be welded or bolted on to a 1 5/8" or 2" gate frame with added tamper-resistant hardware and convenient padlock location accessible from both sides of gate padlock hole must be large enough to accept a 3/4" padlock shank.
 - 3.7.8.2 Sliding Gate Hardware - Provide galvanized hardware and accessories for each gate according to the following -
 - 3.7.8.2.1 Latch - Forked type or plunger-bar type to permit operation from either side of gate, with padlock eye to fit switch lock and shall be integral part of latch. The fork of the latch shall be minimum 1/4" thick and 1-1/2" wide and shall be welded to post of swing gate.
- 3.7.9 Gate Stops - Provide gate stops for double gates consisting of mushroom-type flush plate with anchors set in concrete, and designed to engage a center drop rod or plunge bar. Include a locking device and padlock eyes to accept switch lock as integral part of the latch, permitting both gate leaves to be locked with a single switch lock. The anchor set in concrete shall be provided with a sleeve and shall extend 2" above the surface of the concrete.
- 3.7.10 Chain - Provide 3/8" link chain that will accept switchlock. Weld center of chain to center of swing gatepost.
- 3.7.11 Provide nuts, bolts and fence ties.

4 RIGHT-OF-WAY CHAIN LINK FENCE

- 4.1 Type M is Ground Mounted Fence, typically found on the Blue Line, Brown Line, Purple Line, Orange Line and Yellow Line Rapid Transit Service.

Type W is Barrier Wall Mounted Fence, found mainly on Red, Blue and Orange Lines.

- 4.2. Fabric (Type M & Type W) – see 3.5 of this specification

- 4.2.1 Cantilever Sliding Gate - Cantilever sliding gates shall satisfy the following requirements - 28" or 72" overall height; six (6) foot opening; two (2) inch square galvanized steel tube, 2.52 pounds per foot frame with welded corners ground smooth; galvanized steel track; non-corroding roller trucks and bearings; filler fabric identical to fence fabric; fabric attached to frame with stretcher bars and bands on all four sides; complete with all necessary hardware and attachments including stops and padlock latch. The Cantilever sliding gates shall meet the requirements called for in CTA Drawing P4-513.
- 4.2.2 Line Post (Type M) - Galvanized steel 2-1/2" Diam. x 3/16" wall thickness, 3.26 pounds per foot, sufficient length for minimum of 36" embedded in concrete below ground level, furnished with cap.
- 4.2.3 Line Post (Type W) - Galvanized Steel C Section, 1.625 inches by 1.875 inches, 2.28 pounds per foot, length as shown on Drawing No. P4-513 furnished with post cap
- 4.2.4 Gate, Terminal or Pull Post (Type M) - Galvanized Steel Tube, three (3) inch diameter, 6.86 pounds per foot, sufficient length for minimum of 36 inches embedded in concrete below ground level, furnished with post cap.
- 4.2.5 Gate Post (Type W) - Galvanized Steel Tube, three (3) inches square, 6.86 pounds per foot, length as shown on Drawing No. P4-513, furnished with post cap.
- 4.2.6 Pull or Terminal Post (Type W - Regular) - Galvanized Steel Tube, 2-1/2" inches square, 5.59 pounds per foot. Length of wall mounted posts as shown on Drawing No. P4-513 furnished with post cap.
- 4.2.7 Pull or Terminal Posts used at Highway Enclosures (Type W Post) - Galvanized Steel Tube, 2-1/2" square, 5.59 pounds per foot. Posts shall be of sufficient length for specified fabric and be embedded in concrete a minimum of 36 inches below ground level as shown on Drawing No. P4-513, furnished with post cap.
- 4.2.8 Terminal Post (Type W) - Galvanized Steel Tube, 2-1/2" square, 5.59 pounds per foot. Length of long wall-mounted posts shall be sufficient for 72" fence fabric and three (3) strands of barbed wire, furnished with post cap, and mounted per CTA Drawing number P-4-513.

4. RIGHT-OF-WAY CHAIN LINK FENCE (Cont.)

- 4.2.9 Line Post (H Frame) - Galvanized Steel H frame 2.25" W by 1.70" L by 2.25" W, 3.28 pounds per foot, used with specified fence fabric height.
- 4.2.10 Top Rail and Center Brace (Type M) - 1.660" Round Top Rail, 2.27 pounds per foot, and Center Brace, furnished with galvanized inside sleeve type couplings at least six (6) inches in length.
- 4.2.11 Swing Gate - Six (6) foot minimum gate opening for Type M. The actual height and width may vary. Frame shall be 1.90-inch minimum galvanized round steel tubing (2.72 pounds per foot) with welded corner joints ground smooth 1/8" wall thickness. Filler fabric identical to fence fabric and attached to frame with stretch bars and bands on all sides. Provide necessary hardware and attachments including stops and padlock latch.
- 4.2.12 Ground Rod - Minimum 5/8" inch diameter copper clad steel rod with a minimum length of eight (8) feet. A No.6 gauge solid bare copper wire shall be exothermically welded to the top of each rod. Provide clamps to attach wire to fence fabric.

5. REPAIR AND/OR INSTALLATION OF RIGHT OF WAY FENCE

- 5.1 Basic Requirements - Repair fence in accordance with ASTM F 567-07.
- 5.2 Excavation - Drill or hand excavate (using posthole digger) holes for posts. Dig and move ROW ballast (stone) as needed to access posts for repair. In areas where ROW ballast has buried fence components and must be moved for work to begin, contractor shall follow direction of CTA Contact Person, utilizing the unit price per cubic foot quoted on the bid proposal and itemized on Contract Release to the contractor.
- 5.3 Setting Posts - see section 3.2 of this specification.
- 5.4 Top, Center and Bottom Rails - see 3.5.2 thru 3.5.4 of this specification.
- 5.5 Brace Assemblies - Install flat stock braces at end of gateposts and at both sides of corner and pull posts. Locate horizontal braces at midheight of fabric on fences with top rail and at two-thirds fabric height on fences without top rail. Install so posts are plumb when diagonal rod is under proper tension.
- 5.6 Fabric - Leave approximately 2" between finish grade and bottom selvage unless otherwise indicated. Pull fabric taut and tie to posts, rails and tension wires. Install fabric on security side of fence, and anchor to framework so that fabric remains under tension after pulling force is released.
- 5.7 Grounding - Fence shall have Ground rods as described in 6.3.16 driven into the earth until the top is 12" below grade, every 100 feet. Grounding and bonding of fence systems shall be in accordance with the NEC (National Electric Code), NESC (National Electric Safety Code, and ASTM F 1916.

5. REPAIR AND/OR INSTALLATION OF RIGHT OF WAY FENCE (Cont.)

- 5.8 Tension or Stretcher Bars - Thread thru fabric and secure to end, corner, pull and gate posts with tension bands spaced not over 15" on center
- 5.9 Fasteners - Install nuts for tension bands and carriage bolts on the side of the fence opposite the fabric side. Peen ends of bolts or score threads to prevent removal of nuts for added security.
- 5.10 Barbed Wire - Pull wire taut and install securely to extension arms and secure to end post or terminal arms according to manufacturer's instructions.
- 5.11 Barbed Tape - Install barbed tape in configurations indicated according to manufacturer's recommendations and fasten securely to prevent movement or displacement.

6. GATE INSTALLATION

- 6.1 Install gates plumb, level, and secure for full opening without interference. Install ground set items in concrete for anchorage. Adjust hardware for smooth operation and lubricate where necessary.

7. NON RIGHT-OF-WAY FENCE

- 7.1 Chain link fence materials shall comply with the Standard Specification for Chain Link Fence, AASHTO Designation M181 (galvanized-coated steel fabric and zinc-coated steel posts, hardware and fittings).
- 7.2. Fabric Supplemental Color Coating – If required, contractor to provide fabric with manufacturer's standard polymer coating according to ASTM F1043-06, 10 mil minimum polyvinyl chloride (PVC) or 3 mil minimum polyester plastic resin finish applied to exterior surfaces and, except for tubular shapes, to exposed interior surfaces. Color to match chain link fabric and will be detailed in contract release.
- 7.3 Round Galvanized Steel Posts
Standard weight (schedule 40) galvanized steel pipe conforming to ASTM 1083-06, according to heavy industrial requirements of ASTM 1043-06, Group 1A, with minimum yield strength of 25,000 psi, not less than 1.8 oz. of zinc per square foot. Type A coating inside and outside according to ASTM F1234- (Withdrawn), as determined by ASTM A90/A90M-07 and weights per foot

7. NON RIGHT-OF-WAY FENCE (Cont.)

7.3 (Cont.)

<u>Actual OD</u>	<u>Weight (lb/ft)</u>	<u>NPS Size</u>
1.315	1.68	1
1.660	2.27	1¼
1.900	2.72	1½
2.375	3.65	2
2.875	5.79	2½
3.500	7.58	3
4.000	9.11	3½
4.500	10.79	4
6.625	18.97	6
8.625	28.55	8

7.3.1 Supplemental Color Coating - In addition to above metallic coatings, provide post and rail with manufacturer's standard polymer coating according to ASTM F1043-06, 10 mil minimum polyvinyl chloride (PVC) or 3 mil minimum polyester plastic resin finish applied to exterior surfaces and, except for tubular shapes, to exposed interior surfaces. Color to match chain link fabric.

7.3.2 Posts

7.3.2.1 Galvanized steel posts for fabric heights up to 6 feet -
 a. Round Line or intermediate posts - 1.90 inch OD steel pipe, 2.72 pounds per foot, unless otherwise specified within the contract release.
 b. End, corner and pull posts - 2.375 inch OD steel pipe, 3.65 pounds per foot, unless otherwise specified within the contract release.

7.3.2.2 Galvanized steel posts for fabric heights over 6 feet -
 a. Round line or intermediate posts - 2.375-inch OD steel pipe. 3.65 pounds per foot, unless otherwise specified within the contract release.
 b. End, corner and pull posts - 2.875 inch OD steel pipe, 5.79 pounds per foot, unless otherwise specified within the contract release.

7.3.2.3 Swing Gate Galvanized Posts Furnish galvanized posts to support single gate leaf, or one leaf of a double gate installation, according to ASTM F900-05.

7.3.2.3.1 Galvanized steel posts for fabric height of 6 feet or less and gate leaf width -
 a. Up to and including 4 feet - 2.375 inch OD pipe weighing at least 3.65 pounds per foot, unless otherwise specified within the contract release.
 b. Over 4 to 10 feet - 2.875 inch OD pipe weighing at least 5.79 pounds per foot unless otherwise specified within the contract release.
 c. Over 10 to 18 feet - 4.000 inch OD pipe weighing at least 9.11 pounds per foot unless otherwise specified within the contract release.

7. NON RIGHT-OF-WAY FENCE (Cont.)

- 7.3.2.3.2 Galvanized steel posts for fabric height over 6 feet and gate leaf width -
- Up to and including 6 feet - 2.875 inch OD pipe weighing at least 5.79 pounds per foot, unless otherwise specified within the contract release.
 - Over 6 to 12 feet - 4.000 OD pipe weighing at least 9.11 pounds per foot unless otherwise specified within the contract release.
 - Over 12 to 18 feet - 6.625 OD pipe weighing at least 18.97 pounds per foot, unless otherwise specified within the contract release.
- 7.3.3 Overhead Sliding Galvanized Gate Posts - Furnish Galvanized posts according to ASTM F900-05, sized as follows -
- 7.3.3.1 Galvanized steel posts and gate leaf width -
- Less than 20 feet - 4.000 inch OD pipe weighing at least 9.11 pounds per foot, unless otherwise specified within the contract release.
 - Over 20 feet - Each post shall consist of two (2) 4.000 inch OD pipe, each weighing at least 9.11 pounds per foot, unless otherwise specified within the contract release.
- 7.4 Swing or Sliding Gates - Assemble gate frames by welding. Provide horizontal and vertical members to ensure proper gate operation and attachment of fabric hardware and accessories. Space frame member's maximum of 8 feet apart unless otherwise indicated.
- 7.4.1 Fabric - Same as for fence unless otherwise indicated. Secure fabric at vertical edges with tension bars and bands and to top and bottom of frame with tie wires.
- 7.4.2 Bracing - Install diagonal cross bracing consisting of 5/16 diameter adjustable length truss rods on gates to ensure frame rigidity without sag or twist.
- 7.4.3 Barbed Wire - When barbed wire is required, extend end members of gate frames 12 inches above top member and prepare to receive three strands of wire. Provide necessary clips for securing wire to extensions.
- 7.5 Swing Gates - Steel, Gates
- 7.5.1 Fabricate perimeter frames of 2.0-inch minimum O.D. steel pipe weighing 2.72 pounds per foot. Braces shall 1-5/8 inch minimum O.D. steel pipe weighing 2.27 pounds per foot.
- 7.6 Overhead Sliding Gates - Steel
- 7.6.1 Fabricate perimeter frames with 2 inch round galvanized steel pipe weighing 2.72 pounds per foot. Pipe brace shall be 1-5/8" diameter, 2.27 lb/ft, fabric shall match fence.

7. NON RIGHT-OF-WAY FENCE (Cont.)

7.6.2 Six inch (6") Wide Flange Galvanized Track (12.5 pounds per foot), Beam Hangers, Stop Assembly, Guide Assembly, Lock Assembly, Rollers, Trolley, Gate Latch or Yoke with lock provision.

7.6.3 Barbed Wire - shall comply with item 3.4.1

7.6.4 Razor Ribbon (Barbed Tape) - shall comply with item 3.4.2

7.7 INSTALLATION AND/OR REPAIR CHAIN LINK FENCE (NON RIGHT-OF WAY) shall meet with previous specification for Right of Way fence repair and/or installation items 5.1 through 5.6 and 5.8 through 5.11.

7.7.1 Setting Posts on Concrete Slab – Core hole 8" to 10" deep and large enough in diameter to accommodate post size, set post in epoxy check each post for vertical and top alignment, and hold in position during placement and curing.

7.7.2 Sliding Gates - Install sliding gates in accordance with Figure 6.

8. GUARDRAIL

8.1 General

8.1.1 The Contractor shall furnish and install new guardrail systems. The Contractor shall also repair, replace and/or remove existing guardrail systems.

8.1.2 The Contractor shall repair any damaged guardrail and/or components. The repaired guardrail and/or components shall meet the approval of the CTA Contact Person. The Contractor shall replace damaged guardrail as directed by CTA. Any guardrail and/or components that are damaged beyond repair shall be removed from CTA property and properly disposed of by the contractor. The Contractor shall provide new guardrail and/or components to complete the guardrail system as called for on the release against this Contract.

8.1.3 For construction details, the Contractor shall follow Illinois Department of Transportation Standards.

8.1.4 If required, the Contractor shall prime and paint guardrail with safety yellow oil based paint as directed on the release to this Contract. .

8.2 Material

8.2.1 Rail Plate Beams - Comply with AASHTO M180, Type 1, Class A.

8.2.2 Bolts and Nuts - ASTM A307-07a, Class A, galvanized in accordance with AASHTO M232 or 298, Class 50. Thickness of mechanical galvanizing shall not exceed 6 mils.

8. GUARDRAIL (Cont.)

8.2.3 Steel Posts and Block-Outs - AASHTO M270, Grade M270, Grade 36 or ASTM A 769-05, Grade 36 or 40, "C" shape posts and block-outs, AASHTO M270, Grade 367, Grade 36 or 40 with a minimum tensile strength of 550 MPa (80,000 psi); galvanized in accordance with AASHTO M111.

8.2.4 Steel Restraints - AASHTO M227M (M227) Grade 70 thru 80, galvanized in accordance with AASHTO M111.

8.2.5 Back up plates, buffer sections and washers shall be in accordance with AASHTO M180-84 and shall be of the same type and class as the full-length beams.

8.3 Fabrication

8.3.1 Fabricate rail, steel post, splice plates, flared end sections and blocks to profile in the shop, complete with holes for fastening before finishing. Roll edges of plates to eliminate sharp edges. Shop curve all rails that require a curved radius of 45M (150 feet) or less.

8.3.2 Installation

8.3.2.1 Figure 15 illustrates the typical steel post spacing. Section A-A illustrates the typical setting of the steel post.

8.3.2.2 Where steel posts are not set in concrete, drive by hand on mechanical method plumb and in true alignment protected with suitable driving caps.

8.3.2.3 Set rail plates, splice plates and accessories level and to true alignment using button head bolts having oval shoulders in such a manner that there shall be no apparent projection on the road side. Draw tight to make contact throughout the entire area of the elements.

8.3.2.4 Load tests shall be conducted on expansion anchor bolts used in guardrail installation upon request of CTA. The tests shall be conducted in the presence of the CTA Contact Person. The equipment and method used shall meet the approval of the CTA Manager Outsourced Maintenance, or designee. The minimum test load shall be 35 kN (8000 lbs.) for M22 (7/8 inch) diameter bolts and 13 kN (3000 lbs.) for M16 (5/8 inch) diameter bolts in direct pull. For each anchor bolt that fails the test, two more anchor bolts selected by the CTA Contact Person, shall be tested. Each anchor bolt that fails to meet the test requirements shall be reset, or removed and the hole drilled deeper and reset, and retested until bolt passes the local test.

8. GUARDRAIL (Cont.)

- 8.3.2.5 Setting Posts - Center and align posts in holes 3 inches above bottom of excavation. Space the posts approximately 6'3" apart. See Figure 15. The posts shall be approximately 27" above ground level.
- Protect portion of posts above ground from concrete splatter. Place concrete around posts and vibrate or tamp for consolidation. Check each post for vertical and top alignment, and hold in position during placement and finish operations.
 - Unless otherwise indicated, extend concrete footings 2 inches above grade and trowel to a crown to shed water.

9 ORNAMENTAL FENCING

9.1 General

- 9.1.1 The Contractor shall furnish and install new ornamental fencing systems and/or repair/replace existing ornamental fencing systems.
- 9.1.2 The Contractor shall remove damaged and non-repairable ornamental fencing and/or components. All repaired fencing and/or components shall meet the approval of the CTA Contact Person.

9.2 Ornamental Fencing Welded

- 9.2.1 The overall height of the Ornamental Fencing (See Figure 1) shall be as called for on the releases against this Contract and will vary up to 12' high. Materials shall meet ASTM A653/A653 Standard Specification for Steel Sheet, Zinc Coated (galvanized) by Hot Dip Process, ASTM A924/A924M with minimum yield strength of 45,000 psi (344 MPa).
- 9.2.2 Pickets - 5/8" square solid steel spaced 5" on center
- 9.2.3 Top and Bottom Horizontal Rails - 1-1/2" X 2" X 1/8" steel channels punched 5" on center
- 9.2.4 Posts - 2" sq., 11-gauge steel tubing (6'6" spacing). Space posts a maximum of 6'1" or 6'6" on center unless otherwise called for.
- 9.2.5 End and Corner Posts - 2-1/2" sq. 11 gauge steel tubing.
- 9.2.6 Gate Posts – Swing Gate: 2-1/2" sq. 11 gauge steel tube frame.
Slide Gate: 4" sq. 3/16" wall steel tubing.
- 9.2.7 Gate Frame - Swing gate - 1-1/2" sq. 14 gauge steel tubing frame. All tubing shall be welded. Cantilever Slide Gate - 2" sq. 14 gauge steel tubing.

9.2 Ornamental Fencing Welded (Cont.)

9.2.8 Hinges - Sizes and material to suit gate size, non-lift-off type, offset to permit 180-degree gate opening.

9.2.9 Latch - Forked type or plunger-bar type to permit operation from either side with padlock eye to fit switch lock and shall be integral part of latch. Latch shall meet approval of the CTA Contact Person.

9.2.10 Hardware - for mounting swings and cantilever slide gates.

9.3 Basic Requirements - Install fencing accordance with ASTM F567-07. The Contractor shall install the Ornamental Fencing in accordance with Figure 1 (figure attached) of this specification.

9.3.1 Weld panels in place. All welding shall follow the practices outlined in the Structural Welding Code for Steel, AWS D1.1 (latest edition), Section 10 for Tubular Structures.

9.4 Painting

- a. One (1) Shop Primer Coat – Rust inhibitive.
- b. One (1) Finish Coat – Black Semi-Gloss Enamel.
- c. Field – Touch up welds with primer and finish coat on all fence as needed.

10 Ornamental Fencing Bolted (comparable to the Ameristar Aegis II Genesis fence)

10.1 2-Rail, 3-Rail with picket styles will be as called for in the release. An example of a bolted ornamental system that meets the requirements of this specification is Ameristar's Aegis II, Genesis™, 2 or 3 rail system. See Figure 7.

10.2 The metals for fence framework (i.e., pickets, rails, and posts) shall be manufactured from coil steel having minimum yield strength of 50,000 psi. The steel shall be galvanized to meet the requirements of ASTM A526 (latest edition) with a minimum zinc coating of .90 ounces per square foot (coating designation C-90), hot dip process. Galvanized framework shall be subject to a pretreatment/wash (with zinc phosphate) followed by an electrostatic spray application of a two-coat powder system. The base coat is a thermosetting epoxy powder coating with a minimum thickness of 2-4 mil. The topcoat shall be black, brown, white or desert sand as called for in the release. Coated galvanized framework shall have a salt spray resistant of 3500 hours using ASTM B1117 (latest edition) without loss of adhesion.

10 Ornamental Fencing Bolted (comparable to the Ameristar Aegis II Genesis fence)
Cont.)

10.3 Material for fence pickets shall be 1" square x 16-gauge tubing. The cross sectional shape of the rails shall conform to the manufacturers design with outside cross-section dimensions of 1.75" square and a minimum thickness of 14 gauge. Post spacing shall be 71-1/4" on center for 6' nominal height fence or less or 96" on center for 8' nominal height fence or higher with 2-1/2" x 12 gauge square line posts. End, corner or gateposts shall be 3" x 12-gauge square for fence heights up to 7' and 4" x 12 gauge square for fence heights of 8' or higher. Other post spacing shall be as recommended by the manufacturer. Picket holes in the rail shall be spaced 5" on center. Picket retaining rods shall be 0.125" diameter galvanized steel square x 12 gauge. Rubber grommets shall be supplied to seal all picket-to-rail intersections.

10.4 Swing Gates

10.4.1 Materials shall be the same as listed above in items 10.1 through 10.3

10.4.2 Swing gates shall be equipped with one of the following hinges -

- a. Pin hinge with 2-1/2" male for gates up to 4'.
- b. Pin hinge with 3" male for gates from 4' to 6'.
- c. Barrel hinge - fits 2-1/2", 3" and 4" posts.

10.4.3 Swing gates shall be equipped with standard fork latch for single swing gate and with fork latch and cane bolt for double swing gate.

10.4.4 See Figure 14 for 2-rail system, Figure 8 for 3-rail system. The swing gates shall be welded.

10.5 Cantilever Gates - The materials shall match 10.1 through 10.3. Counter supports shall be braced with either truss cables or brace framing. Two upper suspension rollers and two lower guide rollers shall be included with each gate. All fastener holes are predrilled. Cantilever gate shall be equipped with latch. See Figure 9.

10.6 Bolted Fencing Installation - Install fencing in accordance with ASTM F567-07. See Figure 7.

11 Ornamental Security Fencing (comparable to Ameristar Aegis II Invincible fence)

11.1 2-Rail, 3-Rail with picket styles will be as called for in the release. Examples of a bolted ornamental system that meets the requirements of this specification is Ameristar's Aegis II Invincible™ or equal quality.

11 Ornamental Security Fencing (comparable to Ameristar Aegis II Invincible fence) (Cont.)

- 11.2 The metals for fence framework (i.e., pickets, rails, and posts) shall be manufactured from coil steel having minimum yield strength of 50,000 psi. The steel shall be galvanized to meet the requirements of ASTM A 526 (Withdrawn) with a minimum zinc coating of .90 ounce per square foot (coating designation C-90), hot dip process. Galvanized framework shall be subject to a six-stage pretreatment/wash (with zinc phosphate) followed by "permacoat", an electrostatic spray application of a two-coat powder system. The base coat is a thermosetting epoxy powder coating (gray in color) with a minimum thickness of 2-4 mil. The topcoat shall be black, brown, white or desert sand as called for in the release. Coated galvanized framework shall have a salt spray resistant of 3500 hours using ASTM B 1117 (latest edition) without loss of adhesion.
- 11.3 Material for fence pickets shall be 1" square x 16-gauge tubing. The swing and cantilever gates shall be equipped with a lockable latch. The cross sectional shape of the rails shall conform to the manufacturers design with outside cross-section dimensions of 1.75" square and a minimum thickness of 14 gauge. Post spacing shall be 71"-1/4" o.c. for 7' nominal height fence or less and 96" o.c nominal height fence of 8' or higher with 2-1/2"x12 gauge square line posts. End, corner and gate posts shall be 3"x12 gauge. Square posts for fence heights of 7' or less and 4" x12 gauge Square posts of 8' or higher. Other post spacing shall be as recommended by the manufacturer. Picket holes in the rail shall be spaced 4.98" o.c. Picket retaining rods shall be 0.125" diameter galvanized steel. Rubber grommets shall be supplied to seal all picket-to-rail intersections.
- 11.4 Basic Requirements - Install fencing accordance with F 567-07. The Contractor shall install the Ornamental Security Fencing in accordance with Figures 2 and 3. Pales, rails and posts shall be pre-cut to specified lengths. Rails shall be pre-punched to accept pickets. See figure 4 and 5.
- 11.5 Gates for Ornamental Security Fencing will comply with sections 11.4 through 11.5 of this specification.
12. Ornamental Fencing 4 Rail System with Circles
- 12.1 Weld fence sections in shop. All welding shall follow the practices outlined in the Structural Welding Code for Steel, AWS D1.1 (latest edition), Section 10 for Tubular Structures.
- 12.2 The Contractor shall weld the Ornamental Fencing in accordance with Figures 10, 11 & 12 (copies attached), which is considered a part of this specification.

12. Ornamental Fencing 4 Rail System with Circles (Cont.)
- 12.3 The overall height of the Ornamental Fencing (See Figure 10) or shall be as called for on the releases against the Contract and will vary to 8' high.
- 12.4 Pickets - 3/4" square solid steel bar spaced 5" on center
- 12.5 Horizontal Rails - 1-1/2" X 1/2" X 1/8" steel with channels punched 5" on center
- 12.6 Posts - 3" x 3" x 1/4", steel tubing (6'1" TYP 8' Max spacing).
- 12.7 End and Corner Posts - 4" sq. 1/4" steel tubing.
- 12.8 Post Cap – Flat type (See Figure 10).
- 12.9 Gate Posts - 4" sq. 1/4" steel tube frame (Cantilever Slide Gate).
- 12.10 Gate Frame - 2" sq. steel tubing frame welded.
- 12.11 Latch - Forked type or plunger-bar type to permit operation from either side with padlock eye to fit.
- 12.12 Finial Tops – Solid steel spear finial welded on picket (See Figure 10).
- 12.13 Decorative circles - solid steel welded at 4 quadrants 4 1/4" Ø x 3/4" with square rod (See Figure 10).
- 12.14 Basic Requirements - Install fencing accordance with ASTM F567-07. The Contractor shall install the Ornamental Fencing in accordance with Figures 10,11 and 12(copies attached), which is considered a part of this specification.
- 12.15 Mounting Posts On Concrete Slab – (Coring) Core hole 8" to 10" deep set post in epoxy check each post for vertical and top alignment, and hold in position during placement and curing.
- 12.16 Mounting Posts On Concrete Slab – (Bolting) bolt post base plate to slab by means of high strength concrete anchors and weld post to base plate.
- 12.17 Bolt panels to posts using stainless steel bolts and tamper resistance nuts.
- 12.18 Paint -The base coat shall be thermosetting rust inhibiting epoxy coating (gray in color) with a minimum thickness of 2-4 mils. The topcoat shall be black powder coating or as called for in the release.

13. SNOW FENCE

- 13.1 The Contractor shall provide installation, repair, demolition and/or replacement of Snow fencing and related items at various CTA locations. The snow fencing shall consist of wood slats woven together with five two wire strands of galvanized wire. The fence posts shall be placed approximately 6' 6" apart. The posts shall be installed a minimum of 2 feet below grade level.
- 13.2 Material - Slats shall be 3/8" thick, one and 1-1/2" wide and 48" high. The base metal of the wire shall be of a good commercial grade. The galvanized wire shall not be less than 13 AWG. The coating shall adhere to the wire, without flaking, and without being removable by rubbing with bare fingers. The permissible variation of the slats in width shall not exceed 1/4" in length. The slats shall be painted with a good quality of red iron oxide stain. The post for erecting the snow fence shall be made of hot rolled steel shaped into a "T". The dimensions of the "T" posts are approximately 1-7/16 x 1-5/16 x 1/8" x 6' and shall be approximately 1.25 pounds per foot. The posts shall also be equipped with an anchor plate approximately 25" square inches. The posts shall be painted green or orange.
- 13.3 The posts shall be driven a minimum of two (2) feet below ground level. Posts shall be spaced evenly and closely enough that the fabric remains taut between them, no greater than 10 feet apart.
- 13.4 Orange roll type plastic fencing can be used as a suitable snow fence. Roll type fencing must be securely fastened to steel posts at manufactures recommended intervals to keep the fabric taut between them, no greater than 10 feet apart.

14. SALT DAMAGE PROTECTION FENCING

Provide all materials and install salt damage protection fencing along walkways, roadways, planting beds and other locations as directed to prevent salt damage to adjacent landscaped areas.

14.1. Materials

- 14.1.1 Fencing fabric shall be 42" height Solartex premium outdoor fabric or an approved equal. The fabric shall be fray and tear resistant, shall resist rot and mildew, and shall be guaranteed for 10 years. The material shall be capable of being rolled up into a tight roll after use. The fabric color shall be jade, or black.
- 14.1.2 Posts shall be 13-gauge steel "U" channel, 1 3/4" wide, 6 ft long, with green painted finish or approved equal.

14.2. Installation

- 14.2.1 Posts shall be spaced evenly and closely enough that the fabric remains taut between them, no greater than 10 feet apart

14. SALT DAMAGE PROTECTION FENCING (cont.)

- 14.2.2 Posts shall be straight and plumb, and driven into the ground to a depth of at least 24". No more than 6" of the post shall protrude above the top of the attached fabric.
- 14.2.3 Fabric shall be securely fastened to each post with metal or plastic ties in at least three places: at the top, at the bottom and at least once in between.
- 14.2.3.1 Fabric shall be secured in such a manner as to ensure no gaping occurs along the bottom, sides or at the union of separate pieces or rolls, which would allow salt or salt-spray into the area being protected.
- 14.3 Repair
Contractor shall reinstall or replace posts, reattach or replace damaged or loose fabric as directed by release to contract.
- 14.4 Removal
Contractor shall remove posts and fabric, clean loose dirt and debris, roll fabric and deliver to CTA's West Shop facility at 3900 W. Maypole, Chicago as directed by release to contract.
- 14.5 Once installed, all components of the salt damage protection fencing shall become the property of the CTA.

15. EXPANDED METAL SECURITY FENCE NEW INSTALLATION

- Expanded metal fence to be fabricated and installed at various CTA facilities, as directed. Install and/or repair fence in accordance with ASTM F 1267. See figure 16.
- 15.1 Expanded Metal: Material shall conform to ASTM F1267 and shall be galvanized to conform to ASTM G90. Steel and Iron - Unless otherwise specified, hot-dip galvanized pressed steel or cast iron fence fittings and accessories with at least 1.2 oz. zinc per square foot, as determined by ASTM-A90-07.
Panels are to be #9, flattened with opening size LWO a minimum of 1.56" and a minimum opening SWO no less than .68". Strand width to be a minimum of .16"
- 15.1.1 Expanded metal sheets to be cut or welded to meet size requirement as specified on contract release. All exposed edges to be bond sheared to decrease jagged edges. U-Edging, when used, will be galvanized 18 gauge, 1 inch width with ¼" opening. Edging will be welded onto expanded metal fabric.
- 15.1.2 Contractor may overlap expanded metal panels a minimum of 1 inch, welding or utilizing connectors every 24" along the overlap to solidly connect panels.

15 EXPANDED METAL SECURITY FENCE NEW INSTALLATION (cont.)15.1.3 Posts15.1.3.1 Expanded metal fence posts height up to 6 feet:

Posts:

Round line or intermediate posts - 2.375-inch OD galvanized steel pipe. 3.65 pounds per foot, unless specified differently in the contract release.

End, corner and pull posts - 2.875 inch OD galvanized steel pipe, 5.79 pounds per foot, unless specified differently in the contract release.

Expanded metal fence posts height over 6 feet:

Posts:

Round line or intermediate posts - 4.000 inch OD pipe weighing at least 9.11 pounds per foot, unless specified differently in the contract release.

End, corner and pull posts - 6.625 OD pipe weighing at least 18.97 pounds per foot, unless specified differently in the contract release.

15.1.3.2 Setting Posts - Space 6 ft on center unless otherwise called for in contract release.

15.1.3.3 Fencing assembly pieces such as pole clamps, line clamps, post clamps, fasteners carriage bolts, and line rails shall be galvanized metal. After mechanical connection is made, it shall be welded over to prevent removal. Post connectors to be placed on 2' centers unless directed differently in the contract release.

15.1.4 Top Rails -1.660" Round Top Rail, 2.27 pounds per foot, furnished with galvanized inside sleeve type couplings at least six (6) inches in length. Attach to expanded metal fabric a minimum of every 2 feet15.1.5 Bottom Rails -Same as 15.1.4 above Install bottom rails in one piece between posts and flush with post on fabric side, using rail ends and special offset fittings where necessary.15.2 Swing Gate - Frame will comply with 7.5.1 of this specification.15.3 Incidentals All galvanized post clamps, pole clamps, latch clamps, line rails, carriage bolts required shall be galvanized steel and considered incidental costs included in the expanded metal material price.

16 EXPANDED METAL INSTALLED ON EXISTING FENCE

- 16.1 Contractor will attach expanded metal panels to existing fence posts and fabric as directed in contract release. Panels will meet items 15.1 through 15.1.2 of this specification. Contractor will weld galvanized steel plates to posts. Contractor shall use galvanized clamps and fasteners as required to secure expanded metal panels to existing fence. Clamps and fasteners will be used on 24-inch centers unless otherwise specified.

17. STEEL SECURITY FENCE

- 17.1 The manufacturer shall supply a total steel corrugated pale security fence system of the Ameristar® Impasse™ Trident or Gauntlet design or pre-approved equal. Steel Security Fence shall meet the following standards:

- ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process.
- ASTM B117 - Practice for Operating Salt-Spray (Fog) Apparatus.
- ASTM D523 - Test Method for Specular Gloss.
- ASTM D822 - Practice for Conducting Tests on Paint and Related Coatings and Materials using Filtered Open-Flame Carbon-Arc Light and Water Exposure Apparatus.
- ASTM D1654 - Test Method for Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments.
- ASTM D2244 - Test Method for Calculation of Color Differences from Instrumentally Measured Color Coordinates.
- ASTM D2794 - Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact).

- 17.2 Steel material for fence framework (i.e., corrugated pales, rails and posts), when galvanized prior to forming, shall conform to the requirements of ASTM A924/A924M, with a minimum yield strength of 50,000 psi (344 MPa). The steel shall be hot-dip galvanized to meet the requirements of ASTM A653/A653M with a minimum zinc coating weight of 0.90 oz/ft² (276 g/m²), Coating Designation G-90.

- 17.2.1 The manufactured galvanized framework shall be subjected to a pretreatment/wash (with zinc phosphate), an electrostatic spray application of an epoxy base, and a separate electrostatic spray application of a polyester finish. The base coat shall be an epoxy powder coating with a minimum thickness of 2 mils. The topcoat shall be a "no-mar" TGIC polyester powder coat finish with a minimum thickness of 2 mils. The color shall be black.

17. STEEL SECURITY FENCE (cont.)

- 17.2.2 Material for corrugated pales shall have a nominal material thickness of 0.075 inches. The cross-sectional shape of the rails shall conform to the manufacturer's Impasse™ rail design with a minimum thickness of 0.100 inches. Pre-drilled holes in the rail shall be spaced 6" on center. Tamperproof fasteners shall be used to fasten each pale to each rail. Posts shall compare to the Impasse I-Beam design with a nominal thickness of 0.100 inches. I beams to measure 4" by 1 3/4" with a bending strength of 93,700 lb/in.

17.3 SWING GATES

Gate material shall be the same as listed above in items 17.2 through 17.2.2. Swing gates shall be equipped with standard fork latch for single swing gate and with fork latch and cane bolt for double swing gate. Hinges comparable to Ameristar Impasse fence manufacturer recommendation for swing gate hinges shall be provided and installed. Hinges, latches and other gate hardware shall be considered incidental to the cost of the gates.

17.3.1 Swing Gate Posts

Gate posts to compare to Impasse square posts and shall comply with items 17.2 and 17.2.1 above in this specification.

2 1/2 inch post	3 inch post	4 inch post	6 inch post
12 gauge	12 gauge	11 gauge	3/16 inch wall thickness

17.3.2 Swing Gate panels

Gate leaf will include gate end posts comparable to Impasse. Gate end post to measure 2 inches, 14 gauge and contain precut holes for connection to gate leaf rails. Gate end post will connect to square gate posts using manufacturer's hardware.

17.4 FABRICATION

Pales, rails and posts shall be pre-cut to specified lengths. All cut surfaces shall be sealed by thoroughly applying a zinc rich primer and 2 coats of finish spray paint to match fence. Rails shall be pre-punched to accept the tamperproof security fasteners.

- 17.4.1 Completed panels shall be capable of supporting a 400 lb. load (applied at midspan) without permanent deformation. Panels shall be bias able to a 30-degree change in grade.

17. STEEL SECURITY FENCE (cont.)17.5 INSTALLATION

I-Beam posts for 8' nominal spans shall be set 96" ON CENTER, plus or minus 1/2". I-Beam posts for 6' nominal spans shall be set 72" ON CENTER, plus or minus 1/2". The panels shall be attached to posts using mounting brackets and tamperproof security fasteners supplied by the manufacturer. When cutting rails immediately seal the exposed surfaces by:

- 1) Removing all metal shavings from cut area
- 2) Apply zinc-rich primer to thoroughly cover cut edge and drilled hole; let dry
- 3) Apply 2 coats of custom finish spray paint matching fence color.

17.5.1 Post Setting - I-beam posts shall be installed with the vertical slot in post facing the exterior of the property. Set posts in concrete in holes of 9 inch minimum diameter, The depth shall be a minimum of 42 in. Set posts in a vertical position, plumb and in line, follow 3.3 of this specification.

17.5.2 Bracket and Rail Attachment - Care should be taken to not snap off any of the carriage bolt nuts until all alignment of panels has been completed. Rails shall be attached to the I-beam post using the appropriate end, corner or line bracket and security fastener. Security fastener shall be a minimum of 1/2" diameter by 1" long carriage bolt with breakaway nut. Rails shall be placed in alignment with each other along the horizontal plane. The open side of rail shall face the interior of the property. Line brackets installed on I-beam posts set in the interior of the rail. Security fastener shall be installed thru the predrilled hole in the rail's side with the carriage bolt head facing the exterior of the property and hand tightened. Line brackets installed on I-beam posts for cabled rails shall set in the interior of the rail. Security fastener shall be installed thru the predrilled hole in the rails side with the breakaway nut facing the exterior of the property and hand tightened. Rails shall be aligned to allow equal distance from posts on both ends and racked to follow grade change as necessary. The 1/2 in diameter carriage bolts for the bracket to rail attachment shall then be tightened and the nut sapped off by the use of an impact wrench. All fence will use 2 rails. As directed on contract release, pales will either compare to Impass TridentTM or Gauntlet®, terminating with a triple-pointed and splayed spear tip that ends either straight above the pickets or in an outward curve.

Table 1 - Coating Performance Requirements

Quality Characteristics	ASTM Test Method	Performance Requirements
Adhesion	D3359 - Method B	Adhesion (Retention of Coating) over 90% of test area (Tape and knife test).
Corrosion Resistance	B117 & D1654	Corrosion Resistance over 3,500 hours (Scribed per D1654; failure mode is accumulation of 1/8" coating loss from scribe or medium #8 blisters).
Impact Resistance	D2794	Impact Resistance over 60 inch lb. (Forward impact using 0.625" ball).
Weathering Resistance	D822, D2244, D523 (60° Method)	Weathering Resistance over 1,000 hours (Failure mode is 60% loss of gloss or color variance of more than 3 delta-E color units).

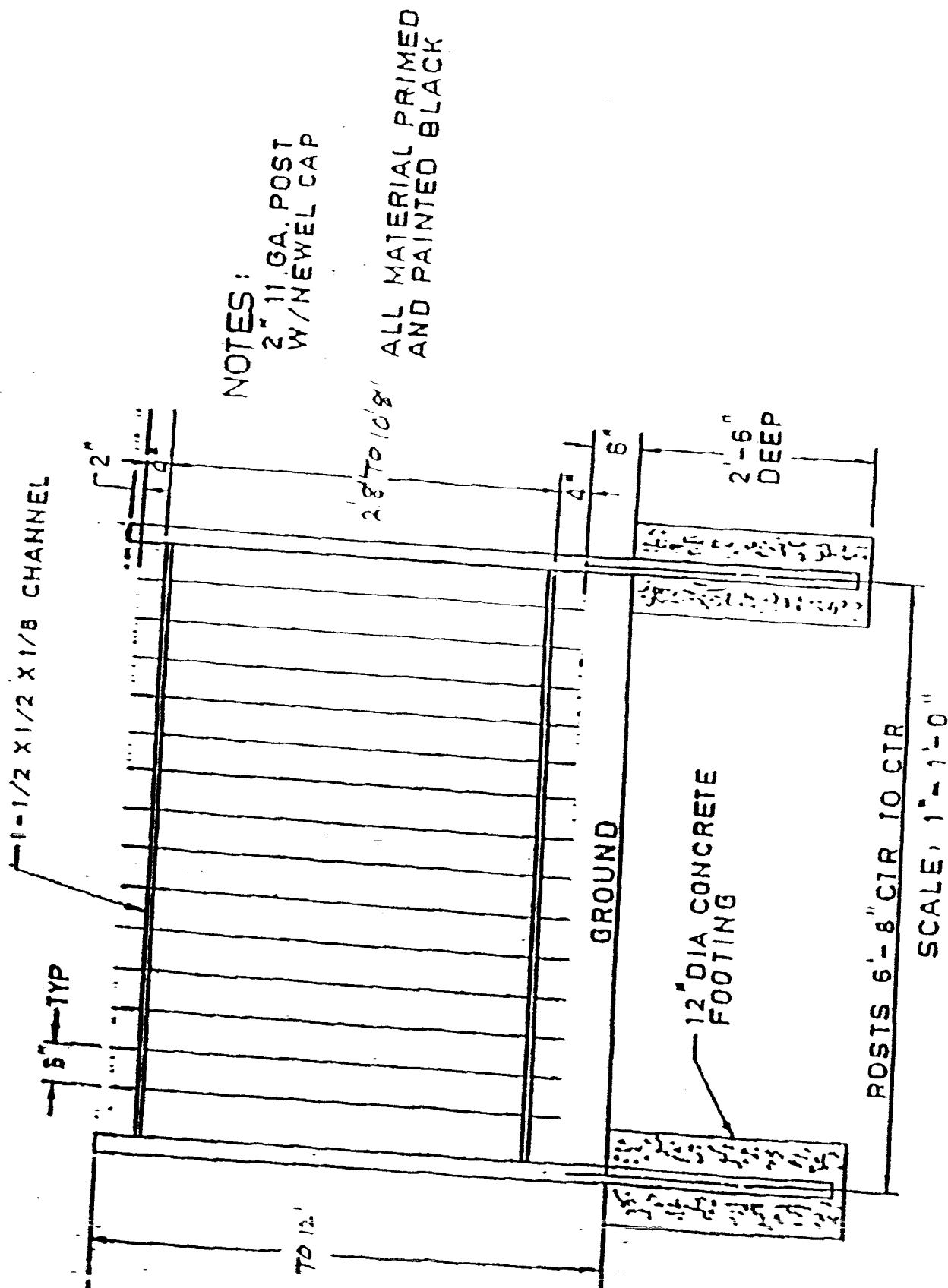
18. ADDITIONAL INFORMATION FOR POTENTIAL BIDDERS

Bidders requiring additional information shall contact the Procurement Administrator listed on the front page of the Contract Document. Potential Bidders requiring additional information from a person or persons listed in the Special Conditions must route their requests through the Procurement Administrator. Potential Bidders who contact any Authority personnel other than the Procurement Administrator will be considered in violation of the provisions of the Contract Document.

DISTRIBUTION - Manager Outsourced Maintenance, West Shops

Initial Specification – 1980

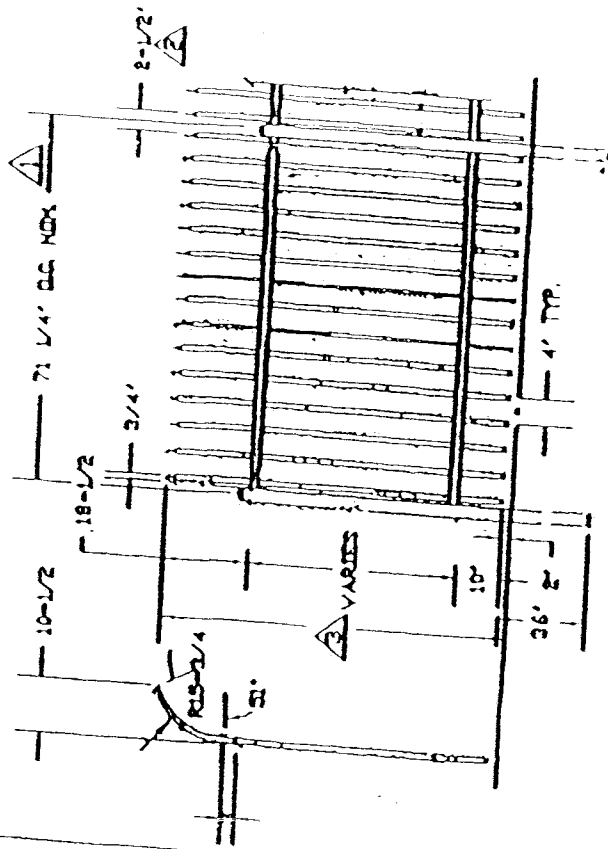
JSC/md- 16th Revision – 02/7/08



ORNAMENTAL FENCE
2 RAIL SYSTEM WELDED

FIGURE 1

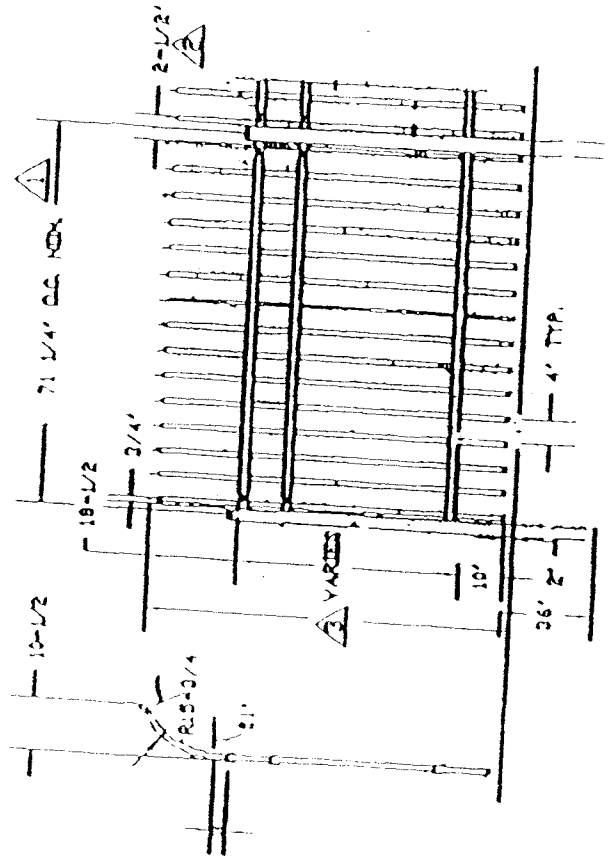
ORNAMENTAL FENCE SECURITY 2 RAIL SYSTEM



- 1. ADD 1/2' FOR 3' POST, IF CALLED FOR IN RELEASE
- 2. 3' X 12 GA AVAILABLE
- 3. STANDARD HEIGHTS: 7', 8', 9', 10'

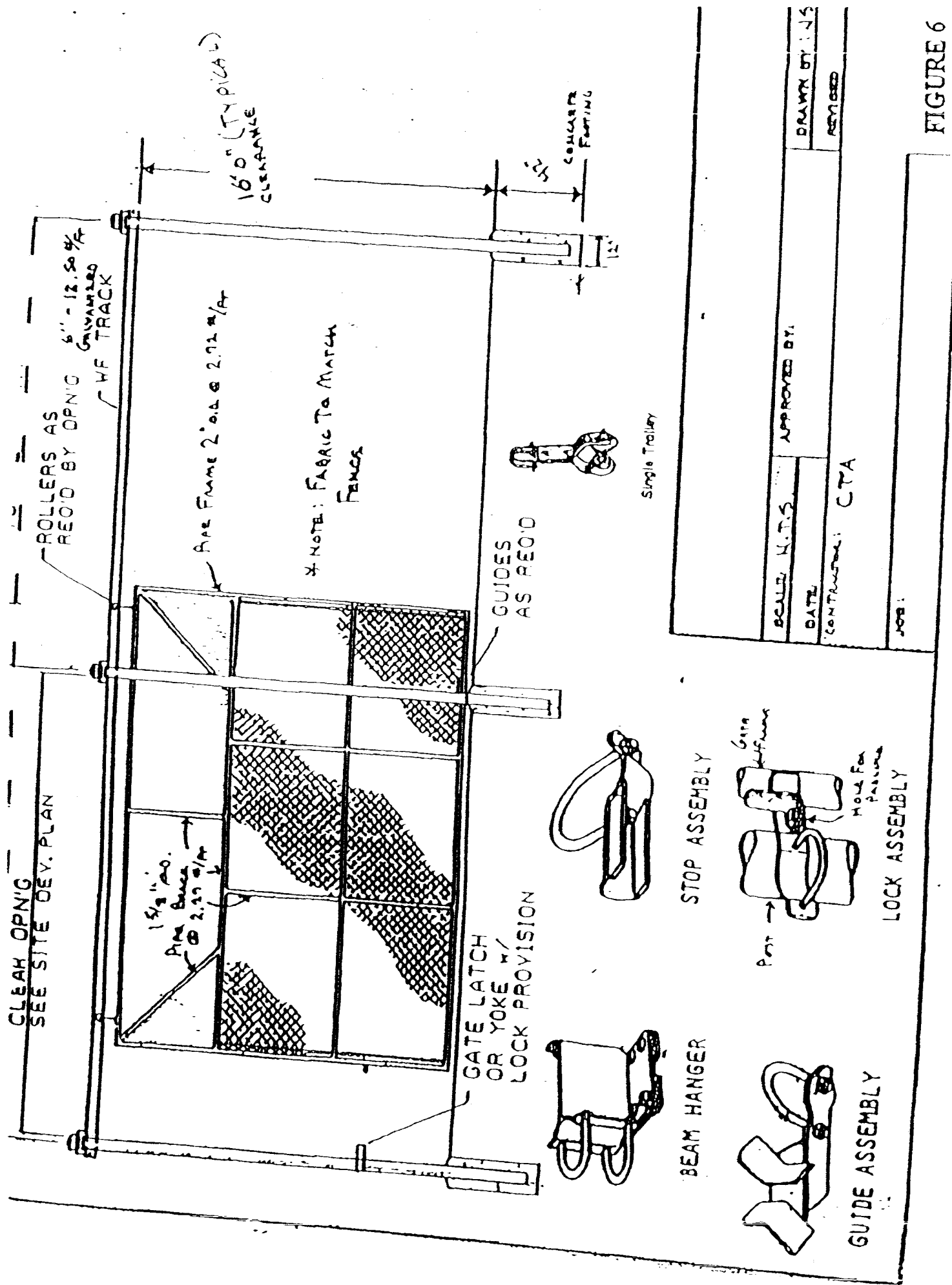
FIGURE 2

ORNAMENTAL FENCE SECURITY 3 RAIL SYSTEM



- 1. ADD 1/2' FOR 3' POST, IF CALLED FOR IN RELEASE
- 2. 3' X 12 GA AVAILABLE
- 3. STANDARD HEIGHTS: 7', 8', 9', 10'

FIGURE 3



STANDARD HEIGHT
6', 7', 8', 9', 10'

VARIABLES
WITH
HEIGHT

7-3/8"

10'

2'

4" TYPICAL

RAIL

1" X
16 GAUGE

2-1/2" X
POST

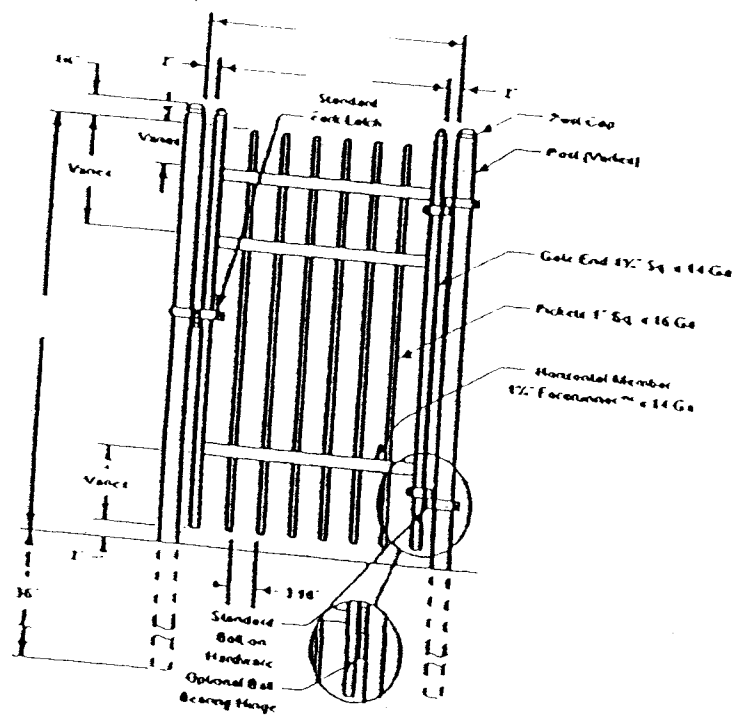
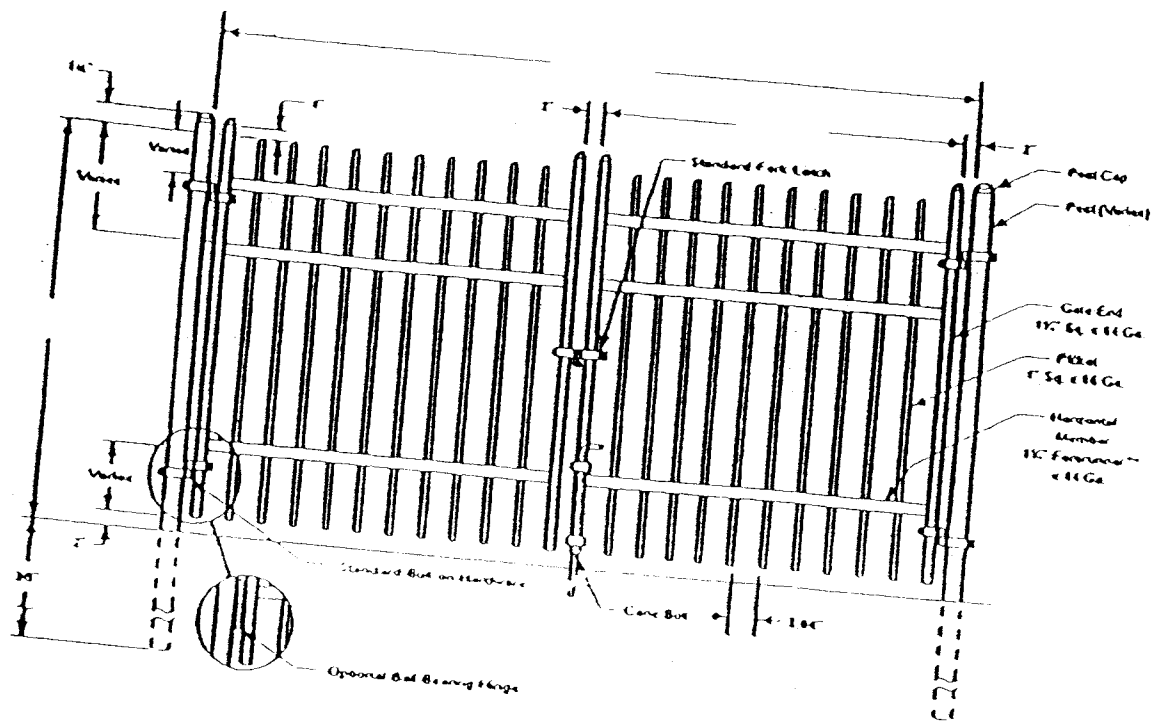
PANEL BRACKET:
SPECIALLY DESIGNED TWO-POINT
CONNECTION ENSURES FIXITY OF
RAIL ENDS FOR INCREASED STRENGTH

INTERNAL RETAINING ROD, CONTINUOUS
VARIABLE PITCH CONNECTION SYSTEM
FOR EASE OF INSTALLATION, HIGH
ANGLE ADJUSTABILITY AND ELIMINATION
OF UGLY EXTERNAL FASTENERS.

EDGERUNNER RAIL:
DOUBLE-VALLED "U" CHANNEL
SPECIALLY FORMED HIGH
STRENGTH ARCHITECTURAL
SHAPE.

ORNAMENTAL FENCE
2 OR 2 RAIL BOLTED

FIGURE 7



ORNAMENTAL FENCE
3 RAIL GATES

FIGURE 8

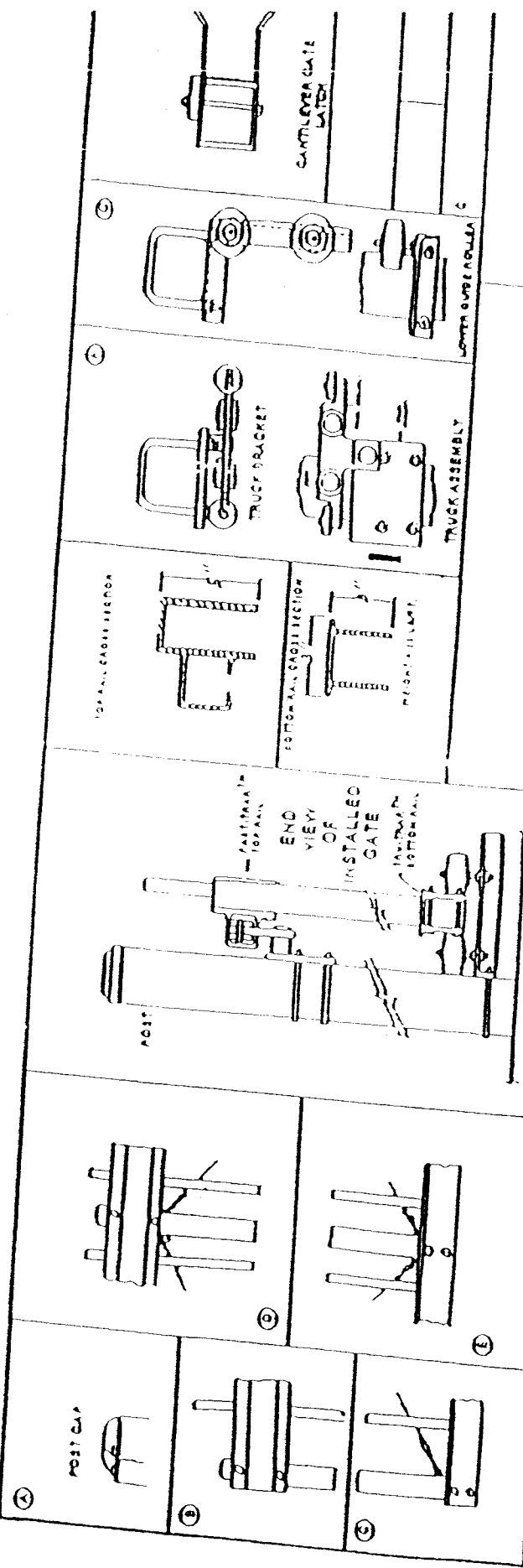
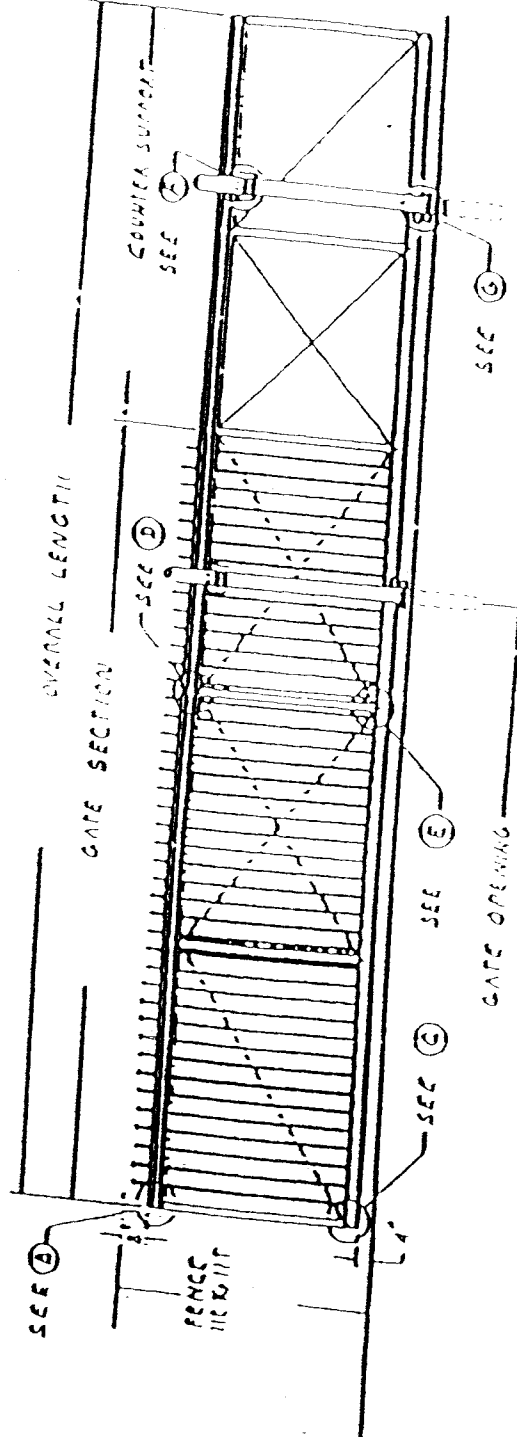
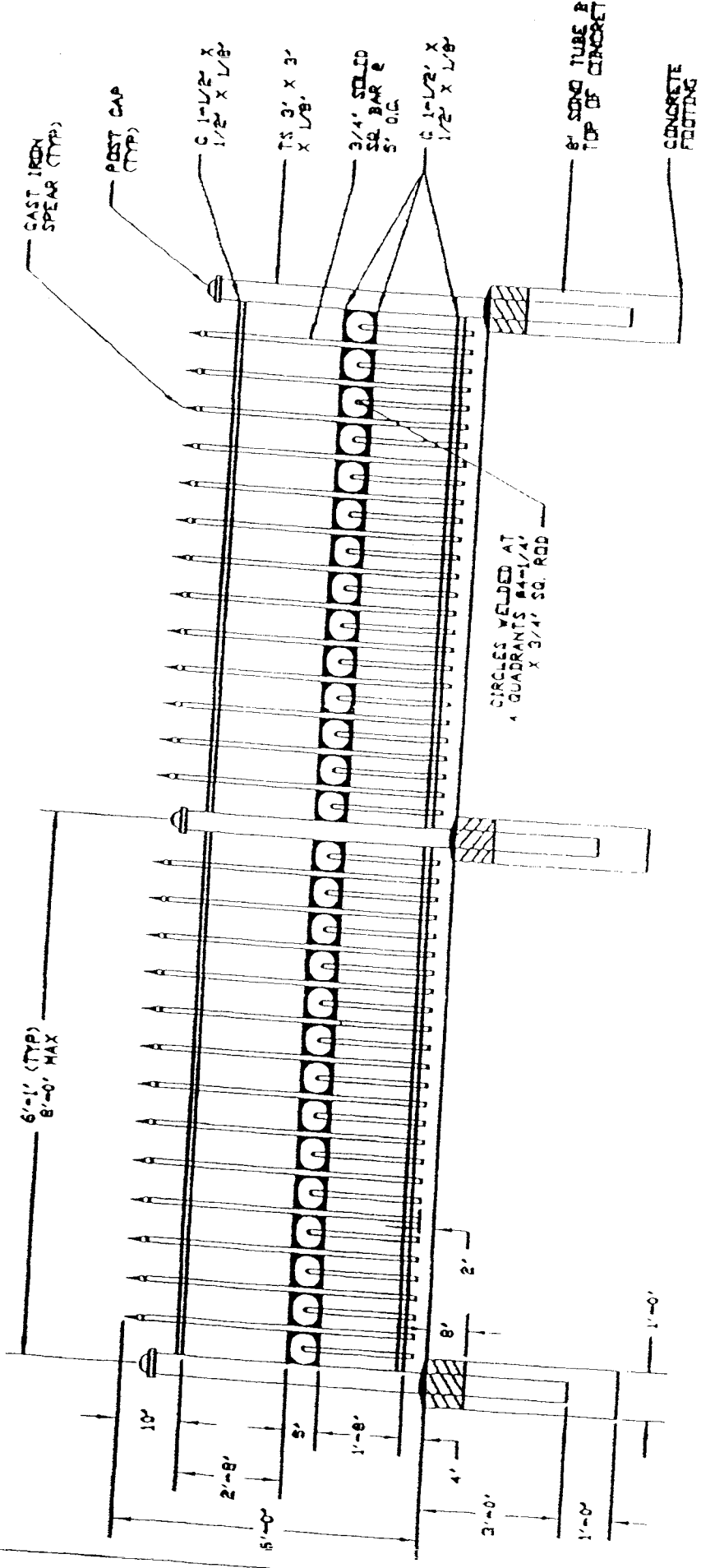
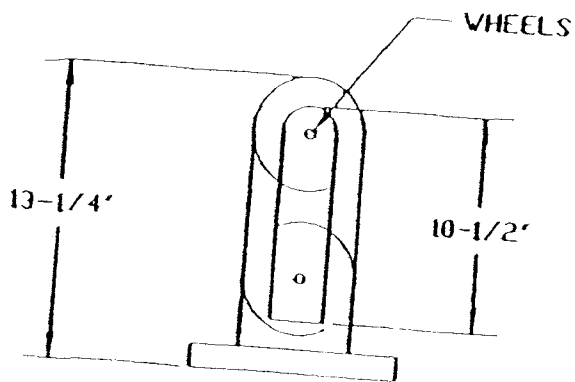


FIGURE 9

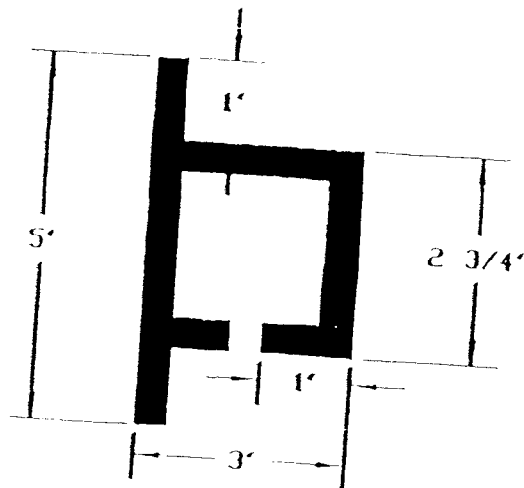


ORNAMENTAL IRON FENCE PANEL

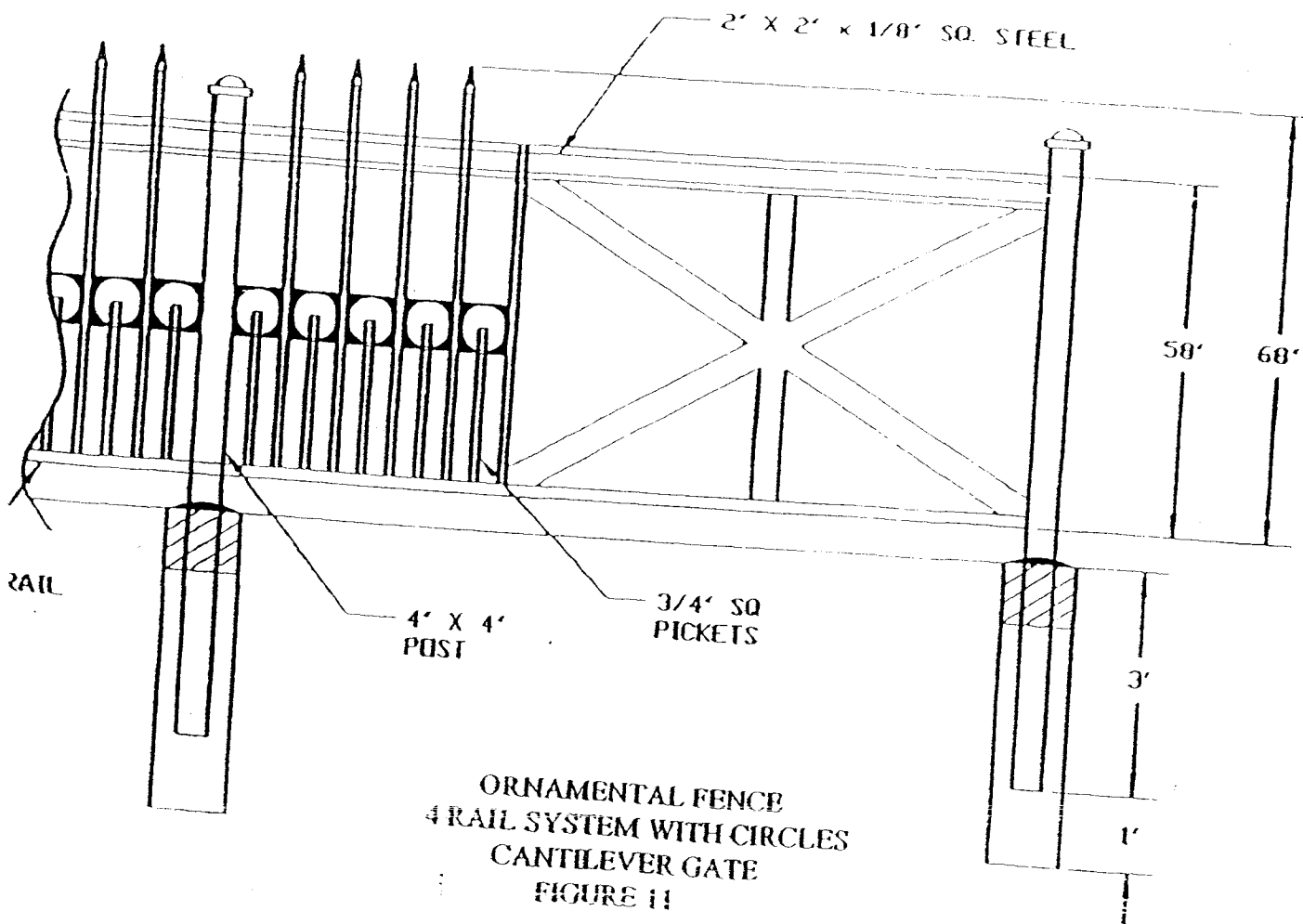
ORNAMENTAL FENCE - RAIL
SYSTEM WITH CIRCLES
FIGURE 10

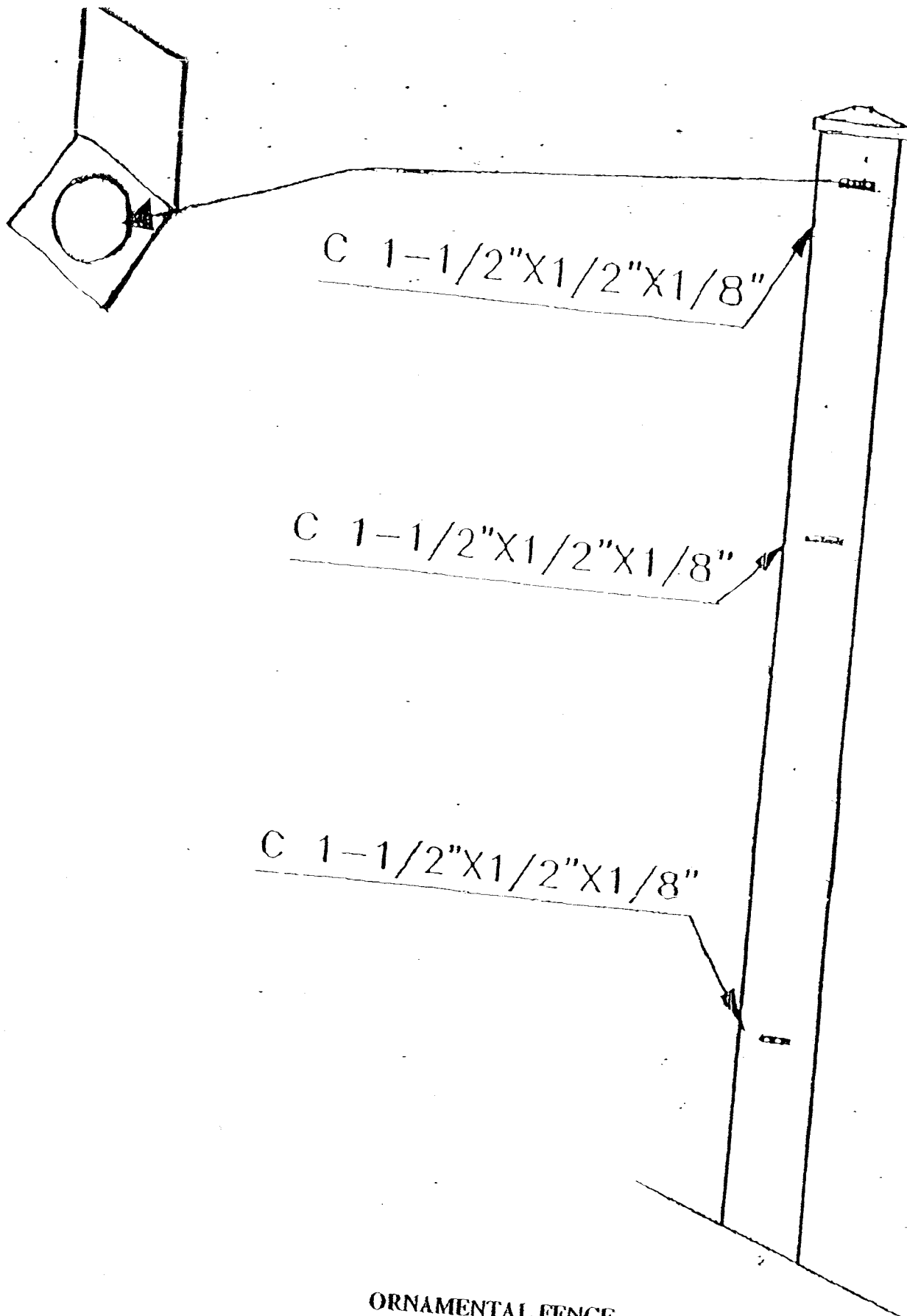


GATE GUIDE
1/2" ALUMINUM



U CHANNEL
1/2" ALUMINUM





ORNAMENTAL FENCE
4 RAIL SYSTEM WITH CIRCLES
CLIPS WELD DETAILS

FIGURE 12

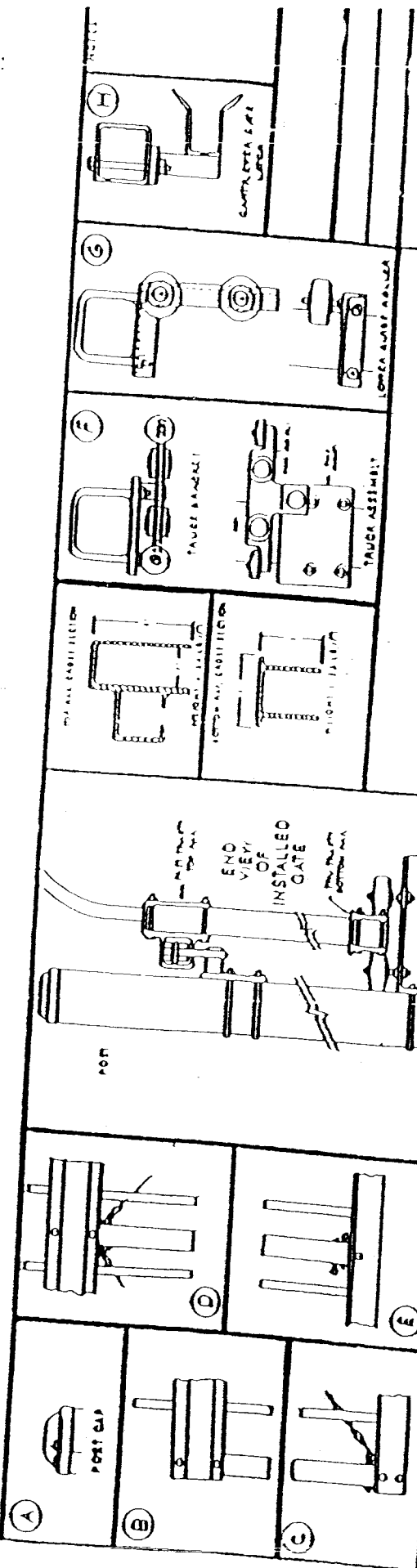
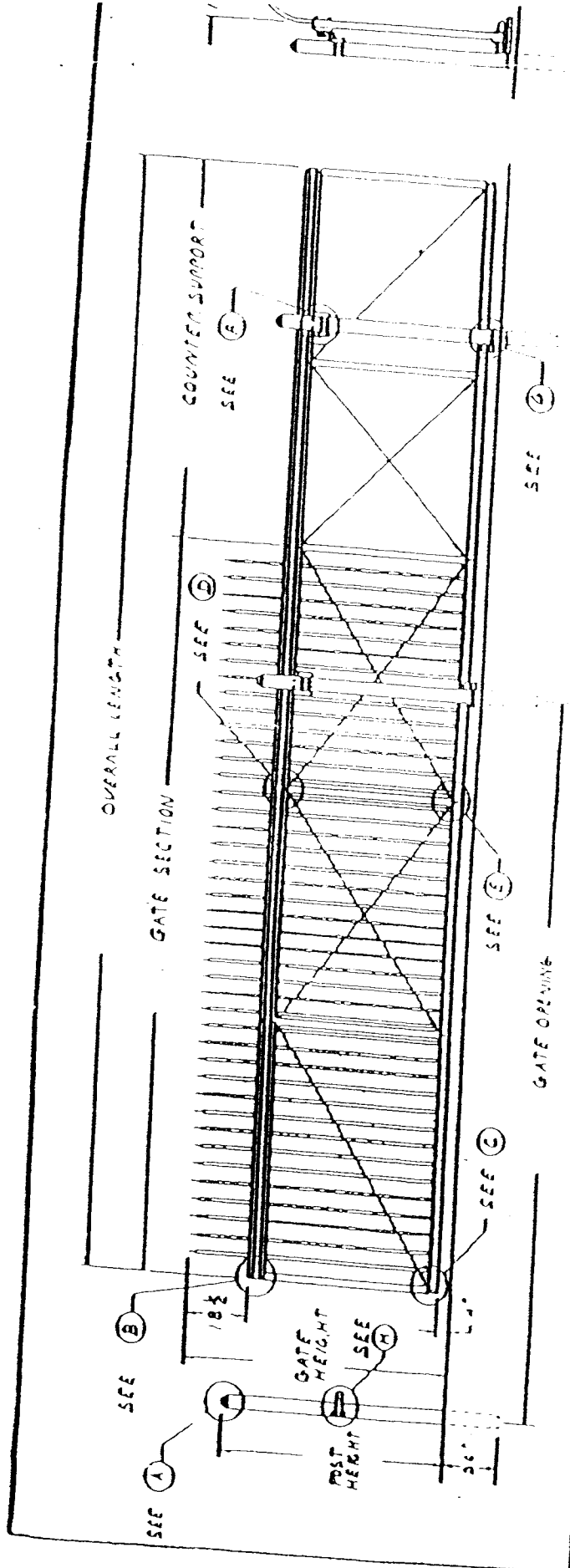
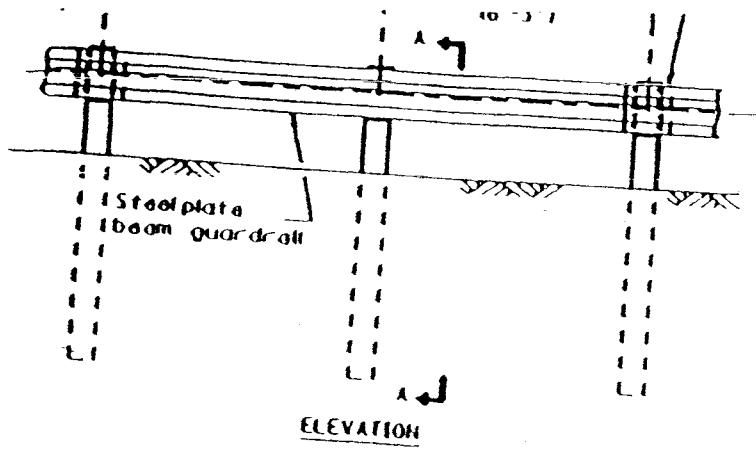


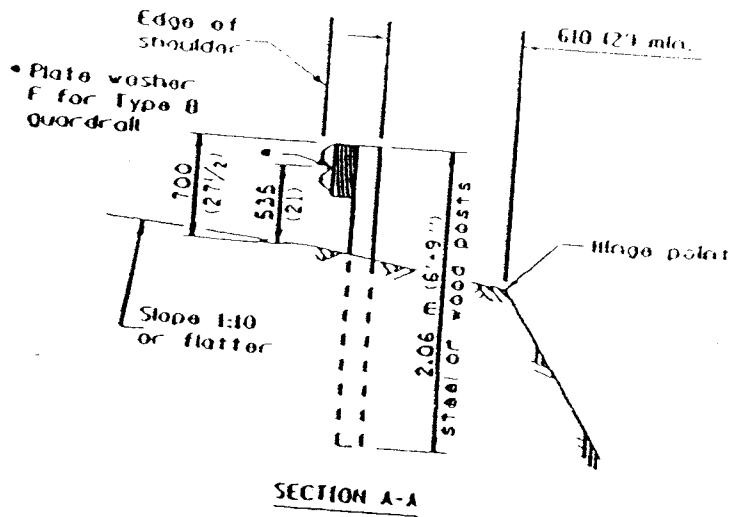
FIGURE 13

[illegible]



TYPE A

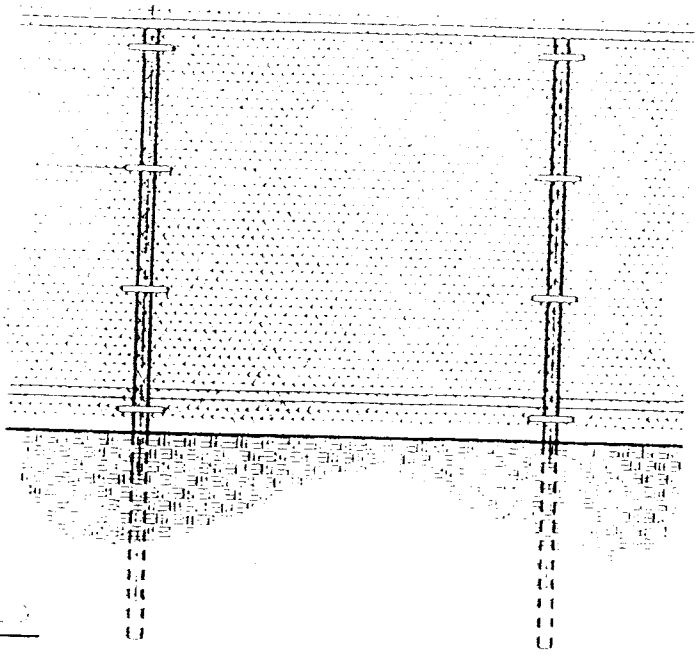
1.905 m (6'-3") Typical post spacing



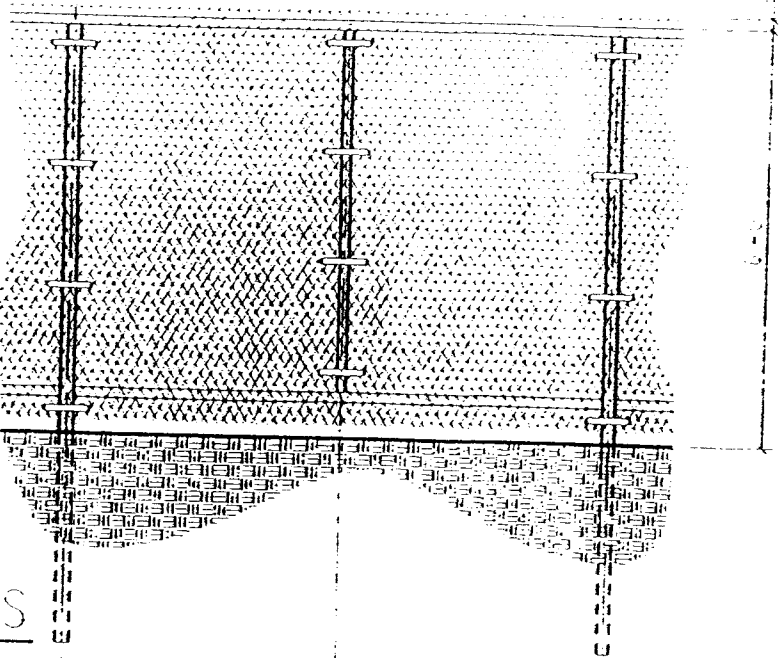
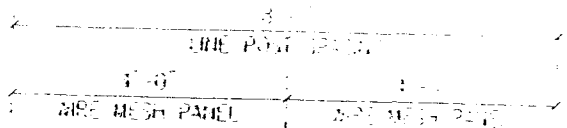
GUARDRAIL TYPE A

FIGURE 15

1. The fence shall be constructed of galvanized steel wire mesh. The mesh shall be 2 inches by 2 inches. The mesh shall be welded at the intersections. The mesh shall be 1/2 inch thick. The mesh shall be 1/2 inch wide. The mesh shall be 1/2 inch high. The mesh shall be 1/2 inch deep. The mesh shall be 1/2 inch long. The mesh shall be 1/2 inch wide. The mesh shall be 1/2 inch high. The mesh shall be 1/2 inch deep. The mesh shall be 1/2 inch long.



6'-0" WIDE FENCE PANEL



8'-0" WIDE FENCE PANEL

PROPOSAL

SPECIFICATION NO. CTA 4585-08

CONTRACT NO. B09FR00817

By execution of this Proposal the undersigned offers, in accordance with the terms of the Contract Documents of which this Proposal is a part, to perform fencing and guardrail work at various Chicago Transit Authority locations, to be released as required, as described in these General and Special Conditions and Detailed Specifications No. CTA 4585-08, at the prices set forth on pages P-2 thru P-19. This Contract shall become effective as soon as the Contract is executed, and will continue in effect for a period of thirty-six (36) months from date of Contract.

NOTE: Prices quoted shall be firm for the entire contract duration and any additional time that this contract may be extended by mutual agreement between the CTA and the contractor unless escalation is stated below.

Prices firm for the first year with escalated prices with _____% maximum ceiling on escalation starting with the second 12 months and any additional time that this contract may be extended by mutual agreement between the CTA and the contractor.

Escalated prices with _____% maximum ceiling on escalation (in addition to any escalation stated above and approved for the second 12 months) starting with the third 12 months and any additional time that this contract may be extended by mutual agreement between the CTA and the contractor.

E-mail address for releases: _____

General e-mail address if different from above: _____

PERSON TO CONTACT: _____ PHONE NO.: _____

PERSON TO CONTACT: _____ EMERGENCY PHONE NO.: _____

COMPANY BIDDING: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

TERMS: DISCOUNT: _____% _____ DAYS, NET 30 DAYS

PROPOSAL (continued)

SPECIFICATION NO. CTA 4585-08
CONTRACT NO. B09FR00817

RIGHT-OF-WAY CHAIN LINK FENCE REPAIR

(Including Incidental Items, See Spec. 4585-08)

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Repair barrier wall fence (Type W)	s.f.	600 s.f.	\$ _____ s.f.
Straighten post	ea.	20 ea.	\$ _____ ea.
Repair ground mounted fence (Type M)	s.f.	5000 s.f.	\$ _____ s.f.
Straighten post	ea.	20 ea.	\$ _____ ea.
Repair ground mounted fence at highway enclosure	s.f.	500 s.f.	\$ _____ s.f.
Straighten post	ea.	20 ea.	\$ _____ ea.
Repair cantilever or swing gate, straighten gate panel, frame, and fabric	s.f.	100 s.f.	\$ _____ s.f.
Weave cut fabric	v.f.		
1" mesh	(vertical	400 v.f.	\$ _____ v.f.
2" mesh	foot)	400 v.f.	\$ _____ v.f.

COMPANY BIDDING _____

PROPOSAL (continued)

**SPECIFICATION NO. CTA 4585-08
CONTRACT NO. B09FR00817**

RIGHT-OF-WAY CHAIN LINK FENCE FURNISH AND INSTALL MAJOR FENCE COMPONENTS

(Including Incidental Items, See Spec. 4585-08)

The following items are considered individual pay item for which a unit price is required. All other items necessary for a satisfactory installation are considered incidental and the cost of these items are to be included in the quoted unit prices for the items listed below. See Spec. 4585-08. **Unit pricing for right-of-way fencing on pages P-3 and P-4 to include removal and disposal of the damaged unit.** See page P-4 for percentage (if any) to be deducted from the unit prices for new construction when removal is not involved.

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Cantilever sliding gate complete: frame with counter balance, bracing, rollers, 1" fabric, and hardware. Note price to be per s.f. determined by gate height x gate opening.	s.f. of gate opening	50 s.f. of gate opening	\$_____ s.f of gate opening
Cantilever sliding gate complete: frame with counter balance, bracing, rollers, 2" fabric, and hardware. Note price to be per s.f. determined by gate height x gate opening.	s.f. of gate opening	50 s.f. of gate opening	\$_____ s.f of gate opening
Cantilever sliding gate, frame, counter balance, bracing, and 1" fabric. Note price to be per s.f. determined by gate height x gate opening.	s.f. of gate opening	50 s.f. of gate opening	\$_____ s.f of gate opening
Cantilever sliding gate, frame, counter balance, bracing, and 2" fabric. Note price to be per s.f. determined by gate height x gate opening.	s.f. of gate opening	50 s.f. of gate opening	\$_____ s.f of gate opening
Cantilever sliding gate, track only	l.f.	20 l.f.	\$_____ l.f.
Cantilever sliding gate, latch only	ea.	25 ea.	\$_____ ea
Cantilever sliding gate, rollers only	ea.	20 ea.	\$_____ ea
Swing gate, type M, frame, fabric, and hardware, 1" mesh	s.f.	300 s.f.	\$_____ s.f.
Swing gate, type M, frame, fabric, and hardware, 2" mesh	s.f.	300 s.f.	\$_____ s.f.
Chain, welded to gate	l.f.	100 l.f.	\$_____ l.f.

COMPANY BIDDING _____

PROPOSAL (continued)

SPECIFICATION NO. CTA 4585-08

CONTRACT NO. B09FR00817

RIGHT-OF-WAY CHAIN LINK FENCE FURNISH AND INSTALL MAJOR FENCE COMPONENTS (continued)

(Including Incidental Items, See Spec. 4585-08)

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Fabric			
Fabric, barrier wall mount, (Type W) 1" mesh	s.f..	100 s.f.	\$ _____ s.f.
Fabric, barrier wall mount, (Type W) 2" mesh	s.f..	2,500 s.f.	\$ _____ s.f.
Fabric, ground mount, (Type M and at highway enclosure) 1" mesh	s.f..	2,000 s.f.	\$ _____ s.f.
Fabric, ground mount, (Type M and at highway enclosure) 2" mesh	s.f..	30,000 s.f.	\$ _____ s.f.
Posts:			
excavate and install corner, end, line, or gate post for ground mounted posts (price for post or ballast removal not included, see below)	ea.	500 ea.	\$ _____ ea
remove and reinstall ballast to allow for post installation	cu. yd.	200 cu. yd.	\$ _____ cu. yd.
install barrier wall mounted post (price for post not included, see below)	ea.	500 ea.	\$ _____ ea.
The following pricing to be per linear foot of post. (Note: total installed price of a post to be computed by adding the above excavation and /or wall mounted installation price to the total length of post used, including that embedded in concrete).			
Line post (Type M)	l.f.	2,000 l.f.	\$ _____ l.f.
Line post (Type W)	l.f.	500 l.f.	\$ _____ l.f.
Gate, terminal, or pull post (Type M)	l.f.	500 l.f.	\$ _____ l.f.
Gate post (Type W)	l.f.	200 l.f.	\$ _____ l.f.
Pull or terminal post (Type W)	l.f.	100 l.f.	\$ _____ l.f.
Pull or terminal post (Type W) at highway enclosures	l.f.	100 l.f.	\$ _____ l.f.
Line post (Type H Frame)	l.f.	100 l.f.	\$ _____ l.f.
Top, bottom rail, or intermediate rail	l.f.	4,000 l.f.	\$ _____ l.f.
Ground rod	ea.	50 ea.	\$ _____ ea.
Top or bottom tension wire	l.f.	5,000 l.f.	\$ _____ l.f.
Barbed wire support arms			
- single vertical arm for 3 strands	ea.	40 ea.	\$ _____ ea.
- single 45 degree for 3 strands	ea.	10 ea.	\$ _____ ea.
- vee type with 2 arms (3 strands ea.) at 45 degree to vertical	ea.	10 ea.	\$ _____ ea.
Barbed wire (3 strands per running foot (r.f.))	r.f.	1,000 r.f.	\$ _____ r.f.
Razor Ribbon 18"	l.f.	300 l.f.	\$ _____ l.f.

Percentage to be deducted from the above prices for right-of-way fencing for new construction when removal is not involved. _____ %
If a percentage is not stated zero percent will apply. Note: It is estimated that 10% of the major components installed under the terms of this contract will be used in conjunction with new construction.

COMPANY BIDDING _____

PROPOSAL (continued)

**SPECIFICATION NO. CTA 4585-08
CONTRACT NO. B09FR00817**

MISCELLANEOUS RIGHT-OF-WAY CHAIN LINK FENCE

MISCELLANEOUS RIGHT OF WAY FENCING

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Maintenance of cantilever sliding gate, grease rollers & track	ea. gate	50 ea.	\$ _____ ea. gate
Remove only and dispose of barbed wire and/or razor ribbon	l.f.	2,000 l.f.	\$ _____ l.f.

COMPANY BIDDING _____

PROPOSAL (continued)

SPECIFICATION NO. CTA 4585-08

CONTRACT NO. B09FR00817

NON-RIGHT-OF-WAY CHAIN LINK FENCE REPAIR AND REMOVAL

(Including Incidental Items, See Spec. 4585-08)

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
repair fence straighten post	s.f. ea.	20,000 s.f. 50 ea.	\$ _____ s.f. \$ _____ ea.
repair swing gate straighten gate panel frame and fabric replace hinges only (per pair, male & female sides)	s.f. ea.	1,500 s.f. 50 ea.	\$ _____ s.f. \$ _____ ea.
repair overhead sliding gate straighten gate panel frame and fabric straighten pipe for extended frame & bracing above fabric height replace trolley complete with rollers replace rollers only straighten track	s.f. l.f. ea. ea. l.f.	1,000 s.f. 50 l.f. 10 ea. 10 ea. 20 l.f.	\$ _____ s.f. \$ _____ l.f. \$ _____ ea. \$ _____ ea. \$ _____ l.f.
fence removal, (remove only and dispose) remove post (cut at ground level) remove post including concrete and backfill hole remove fencing, gates, etc.	ea. ea. l.f.	40 ea. 40 ea. 1,500 l.f.	\$ _____ ea. \$ _____ ea. \$ _____ l.f.
Weave cut fabric 1" mesh 2" mesh	v.f. (vertical foot)	400 v.f. 500 v.f.	\$ _____ v.f. \$ _____ v.f.

COMPANY BIDDING _____

PROPOSAL (continued)

SPECIFICATION NO. CTA 4585-08

CONTRACT NO. B09FR00817

NON-RIGHT-OF-WAY CHAIN LINK FENCE FURNISH AND INSTALL MAJOR FENCE COMPONENTS

(Including Incidental Items, See Spec. 4585-08)

The following items are considered individual pay item for which a unit price is required. All other items necessary for a satisfactory installation are considered incidental and the cost of these items are to be included in the quoted unit prices for the items listed below. See Spec. 4585-08. **Unit pricing for non-right-of-way fencing on pages P-7 and P-8 to be for new construction.** See page P-8 for percentage (if any) to be added if a major component is used for a repair to an existing fence where removal of the defective component is required.

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Fabric			
Fabric 1" mesh	sq. ft.	15,000 sq. ft.	\$ _____ sq. ft.
Fabric 1" mesh color coated	sq. ft.	200 sq. ft.	\$ _____ sq. ft.
Fabric 2" mesh	sq. ft.	20,000 sq. ft.	\$ _____ sq. ft.
Fabric 2" mesh color coated	sq. ft.	500 sq. ft.	\$ _____ sq. ft.
Posts			
Posts: excavate and install corner, end, line, pull, or gate post (price for post not included, see below)	ea.	500 ea.	\$ _____ ea.
The following pricing to be per linear foot of post. (Note: total installed price of a post to be computed by adding the above excavation and install price to the total length of post used, including that embedded in concrete).			
1.90 o.d. x 2.72 lb/ft post	l.f.	40 l.f.	\$ _____ l.f.
1.90 o.d. x 2.72 lb/ft post color coated	l.f.	10 l.f.	\$ _____ l.f.
2.375 o.d. x 3.65 lb/ft post	l.f.	1,800 l.f.	\$ _____ l.f.
2.375 o.d. x 3.65 lb/ft post color coated	l.f.	10 l.f.	\$ _____ l.f.
2.875 o.d. x 5.79 lb/ft post	l.f.	1,200 l.f.	\$ _____ l.f.
2.875 o.d. x 5.79 lb/ft post color coated	l.f.	10 l.f.	\$ _____ l.f.
4.0 o.d. x 9.11 lb/ft post	l.f.	1,000 l.f.	\$ _____ l.f.
4.0 o.d. x 9.11 lb/ft post color coated	l.f.	10 l.f.	\$ _____ l.f.
4.50 o.d. x 10.79 lb/ft post	l.f.	100 l.f.	\$ _____ l.f.
4.50 o.d. x 10.79 lb/ft post color coated	l.f.	10 l.f.	\$ _____ l.f.
6.625 o.d. x 18.97 lb/ft post	l.f.	200 l.f.	\$ _____ l.f.
6.625 o.d. x 18.97 lb/ft post color coated	l.f.	20 l.f.	\$ _____ l.f.
8.625 o.d. x 28.55 lb/ft post	l.f.	40 l.f.	\$ _____ l.f.
Swing gates			
swing gate, frame, fabric, and hardware, 1" mesh	s.f.	500 s.f.	\$ _____ s.f.
swing gate, frame, fabric and hardware, 1" mesh color coated	s.f.	30 s.f.	\$ _____ s.f.
swing gate, frame, fabric and hardware 2" mesh	s.f.	1,000 s.f.	\$ _____ s.f.
swing gate, frame, fabric and hardware 2" mesh color coat	s.f.	100 s.f.	\$ _____ s.f.

COMPANY BIDDING _____

PROPOSAL (continued)

**SPECIFICATION NO. CTA 4585-08
CONTRACT NO. B09FR00817**

NON-RIGHT-OF-WAY CHAIN LINK FENCE FURNISH AND INSTALL MAJOR FENCE COMPONENTS (continued)

(Including Incidental Items, See Spec. 4585-08)

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Overhead sliding gates (see figure 6)			
gate complete, includes: frame, fabric (2" mesh), beam hangers, stop assembly, guide assembly, lock assembly, rollers, trolley,	s.f.	700 s.f.	\$ _____ s.f.
add per l.f. of pipe for extended frame & bracing above fabric height	l.f.	50 l.f.	\$ _____ l.f.
add per l.f. for track	l.f.	50 l.f.	\$ _____ l.f.
gate frame and fabric only (2" mesh)	s.f.	500 s.f.	\$ _____ s.f.
add per l.f. of pipe for extended frame & bracing above fabric height	l.f.	50 l.f.	\$ _____ l.f.
chain, welded to gate	l.f.	20 l.f.	\$ _____ l.f.
top, bottom or intermediate rail	l.f.	5,000 l.f.	\$ _____ l.f.
top, bottom or intermediate rail color coated	l.f.	50 l.f.	\$ _____ l.f.
Barbed wire support arms			
- single vertical arm for 3 strands	ea.	100 ea.	\$ _____ e.a.
- single 45 degree for 3 strands	ea.	50 ea.	\$ _____ e.a.
- vee type with 2 arms (3 strands ea.) at 45 degree to vertical	ea.	50 ea.	\$ _____ e.a.
Barbed wire (3 strands per R.F. (running foot))	r.f.	3,000 r.f.	\$ _____ r.f.
Razor Ribbon	l.f.	1,000 l.f.	\$ _____ l.f.
Privacy slats	s.f.	1,000 s.f.	\$ _____ s.f.
Privacy fabric	s.f.	3,500 s.f.	\$ _____ s.f.
Top or bottom tension wire	l.f.	3,000 l.f.	\$ _____ l.f.

Percentage to be added to the unit prices listed on pages P-4 and P-5 if a major component is needed to repair an existing fence when removal of the defective component is required. _____ % If a percentage is not stated zero percent will apply.

Note: It is estimated that 40 % of the major components installed under the terms of this contract will be used in conjunction with a repair.

COMPANY BIDDING _____

PROPOSAL (continued)

**SPECIFICATION NO. CTA 4585-08
CONTRACT NO. B09FR00817**

GUARD RAIL FURNISH AND INSTALL MAJOR COMPONENTS

The following items are considered major components for which a unit price is required. All other items necessary for a satisfactory installation are considered incidental and the cost of these items are to be included in the quoted unit prices for the items listed below. See Spec. 4585-08 and associated drawing Fig. 15 **Unit pricing for guardrail listed below to be for new construction.** See below for percentage (if any) to be added if a major component is used for a repair to an existing guardrail where removal of the defective component is required.

ITEM	UNIT	ESTIMATED YEARLY USAGE	UNIT PRICE
posts, set in concrete	ea.	250 ea.	\$_____ea.
steel plate beam guardrail	l.f.	1,500 l.f.	\$_____l.f.
steel plate beam guardrail curved radius 150' or less	l.f.	50 l.f.	\$_____l.f.
block outs	ea.	100 ea.	\$_____ea.
flared end sections	ea.	25 ea.	\$_____ea.
prime and paint guardrail	l.f.	100 l.f.	\$_____l.f.

Percentage to be added to the unit prices listed above if a major component is needed to repair existing guardrail when removal of the defective component is required. _____% If a percentage is not stated zero percent will apply. Note: It is estimated that 75% of the major components installed under the terms of this contract will be used in conjunction with a repair.

GUARDRAIL REMOVAL AND REPAIR

Guardrail removal (remove only and dispose)			
Remove post (cut at ground level)	ea.	10 ea.	\$_____ea.
Remove post (including concrete) and backfill hole	ea.	10 ea.	\$_____ea.
Remove steel plate beam guardrail	l.f.	500 l.f.	\$_____l.f.
straighten post	ea.	15 ea.	\$_____ea.
straighten steel plate beam guardrail	l.f.	10 l.f.	\$_____l.f.

COMPANY BIDDING _____

PROPOSAL (continued)

**SPECIFICATION NO. CTA 4585-08
CONTRACT NO. B09FR00817**

WELDED ORNAMENTAL FENCE FURNISH AND INSTALL MAJOR FENCE COMPONENTS

The following items are considered major components for which a unit price is required. All other items necessary for a satisfactory installation are considered incidental and the cost of these items are to be included in the quoted unit prices for the items listed below. See Spec. 4585-08 and associated drawing Fig. 1), **Unit pricing for welded ornamental fencing listed below to be for new construction.** See below for percentage (if any) to be added if a major component is used for a repair to an existing fence where removal of the defective component is required.

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Posts: excavate and install corner, end, line, or gate post (price for post not included, see below)	ea.	100 ea.	\$ _____ ea
The following pricing to be per linear foot of post. (Note: total installed price of a post to be computed by adding the above excavation and install price to the total length of post used, including that embedded in concrete).			
2" sq. 11 ga. steel tubing	l.f.	500 l.f.	\$ _____ l.f.
2-1/2" sq. 11 ga. steel tubing	l.f.	500 l.f.	\$ _____ l.f.
4" sq. 3/16" steel tubing	l.f.	100 l.f.	\$ _____ l.f.
Panels: complete with top and bottom horizontal rails and pickets	s.f.	3,000 s.f.	\$ _____ s.f
Gates: Swing gate complete: 1-1/2" sq. 14 ga. steel tubing frame with panel and hardware	s.f.	100 s.f.	\$ _____ s.f
Cantilever sliding gate complete: 2" sq. 14 ga. steel tubing frame, counter balance, bracing, rollers, panel, and hardware. Note price to be per s.f. determined by gate height x gate opening.	s.f. of gate opening	100 s.f. of gate opening	\$ _____ s.f of gate opening

Percentage to be added to the unit prices listed above if a major component is needed to repair an existing welded ornamental fence when removal of the defective component is required. _____% If a percentage is not stated zero percent will apply.
Note: It is estimated that 90% of the major components installed under the terms of this contract will be used in conjunction with a repair.

WELDED ORNAMENTAL FENCE REMOVAL AND REPAIR

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Fence removal (remove only and dispose)			
remove post (cut at ground level)	ea.	10 ea.	\$ _____ ea
remove post including concrete and backfill hole	ea.	10 ea.	\$ _____ ea
remove panels or gates	l.f	250 l.f	\$ _____ l.f.
Fence repair			
straighten post	ea.	10 ea.	\$ _____ ea
straighten panel or gate	s.f.	50 s.f.	\$ _____ s.f

COMPANY BIDDING _____

PROPOSAL (continued)

SPECIFICATION NO. CTA 4585-08

CONTRACT NO. B09FR00817

ORNAMENTAL FENCING BOLTED comparable to AMERISTAR AEGIS II, GENESIS (or approved equal)
FURNISH AND INSTALL MAJOR FENCE COMPONENTS

The following items are considered major components for which a unit price is required. All other items necessary for a satisfactory installation are considered incidental and the cost of these items are to be included in the quoted unit prices for the items listed below. See Spec. 4585-08 and associated drawings Fig., 7, 8, 9, & 14. **Unit pricing for bolted ornamental fencing listed below to be for new construction.** See below for percentage (if any) to be added if a major component is used for a repair to an existing fence where removal of the defective component is required.

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Posts: excavate and install corner, end, line, or gate post (price for post not included, see below)	ea.	100 ea.	\$ _____ ea.
The following pricing to be per linear foot of post. (Note: total installed price of a post to be computed by adding the above excavation and install price to the total length of post used, including that embedded in concrete).			
2-1/2" sq. 12 ga.	l.f.	500 l.f.	\$ _____ l.f.
3" sq. 12 ga.	l.f.	500 l.f.	\$ _____ l.f.
4" sq. 12 ga.	l.f.	500 l.f.	\$ _____ l.f.
Panels: complete with rails and pickets			
2 rail style	s.f.	2,000 s.f.	\$ _____ s.f.
3 rail style	s.f.	2,000 s.f.	\$ _____ s.f.
Gates:			
Swing gate complete: frame with panel and hardware, 2 rail style (see fig.7)	s.f.	100 s.f.	\$ _____ s.f.
Swing gate complete: frame with panel and hardware, 3 rail style (see fig.8)	s.f.	100 s.f.	\$ _____ s.f.
Cantilever sliding gate complete: frame, counter balance, bracing, rollers, track, panel, and hardware. (See fig. 9). Note price to be per s.f. determined by gate height x gate opening.	s.f. of gate opening	100 s.f. of gate opening	\$ _____ s.f. of gate opening

Percentage to be added to the unit prices listed above if a major component is needed to repair an existing bolted ornamental fence when removal of the defective component is required. _____ % If a percentage is not stated zero percent will apply.

Note: It is estimated that 5% of the major components installed under the terms of this contract will be used in conjunction with a repair.

ORNAMENTAL FENCING BOLTED comparable to AMERISTAR AEGIS II, GENESIS (or approved equal)
FENCE REMOVAL AND REPAIR

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Fence removal (remove only and dispose)			
remove post (cut at ground level)	ea.	10 ea.	\$ _____ ea
remove post including concrete and backfill hole	ea.	10 ea.	\$ _____ ea
remove panels or gates	l.f.	250 l.f.	\$ _____ l.f.
Fence repair			
straighten post	ea.	10 ea.	\$ _____ ea
straighten panel or gate	s.f.	50 s.f.	\$ _____ s.f.

COMPANY BIDDING _____

PROPOSAL (continued)

SPECIFICATION NO. CTA 4585-08

CONTRACT NO. B09FR00817

ORNAMENTAL FENCING –SECURITY- comparable to AMERISTAR AEGIS II INVINCIBLE (or approved equal)

FURNISH AND INSTALL MAJOR FENCE COMPONENTS

The following items are considered major components for which a unit price is required. All other items necessary for a satisfactory installation are considered incidental and the cost of these items are to be included in the quoted unit prices for the items listed below. See Spec. 4585-08 and associated drawings Fig. 2, 3, 4, 5, & 13. **Unit pricing for security ornamental fencing listed below to be for new construction.** See below for percentage (if any) to be added if a major component is used for a repair to an existing fence where removal of the defective component is required.

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Posts: excavate and install corner, end, line, or gate post (price for post not included, see below)	ea.	100 ea.	\$ _____ ea.
The following pricing to be per linear foot of post. (Note: total installed price of a post to be computed by adding the above excavation and install price to the total length of post used, including that embedded in concrete).			
2-1/2" sq. 12 ga.	l.f.	100 l.f.	\$ _____ l.f.
3" sq. 12 ga.	l.f.	500 l.f.	\$ _____ l.f.
4" sq. 12 ga.	l.f.	500 l.f.	\$ _____ l.f.
Panels: complete with horizontal rails and pickets			
2 rail style	s.f.	2,000 s.f.	\$ _____ s.f.
3 rail style	s.f.	2,000 s.f.	\$ _____ s.f.
Gates:			
Swing gate complete: frame with panel and hardware, 2 rail style (see fig. 4)	s.f.	100 s.f.	\$ _____ s.f.
Swing gate complete: frame with panel and hardware, 3 rail style (see fig. 5)	s.f.	100 s.f.	\$ _____ s.f.
Cantilever sliding gate complete: frame, counter balance, bracing, rollers, track, panel, and hardware. (See fig. 13). Note price to be per s.f. determined by gate height x gate opening.	s.f. of gate opening	100 s.f. of gate opening	\$ _____ s.f. of gate opening

Percentage to be added to the unit prices listed above if a major component is needed to repair an existing security ornamental fence when removal of the defective component is required. _____% If a percentage is not stated above zero percent will apply.

Note: It is estimated that 5% of the major components installed under the terms of this contract will be used in conjunction with a repair.

ORNAMENTAL FENCING –SECURITY- comparable to AMERISTAR AEGIS II INVINCIBLE (or approved equal)

REMOVAL AND REPAIR

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Fence removal (remove only and dispose)			
remove post (cut at ground level)	ea.	10 ea.	\$ _____ ea
remove post including concrete and backfill hole	ea.	10 ea.	\$ _____ ea
remove panels or gates	l.f.	100 l.f.	\$ _____ l.f.
Fence repair			
straighten post	ea.	10 ea.	\$ _____ ea
straighten panel or gate	s.f.	60 s.f.	\$ _____ s.f.

COMPANY BIDDING _____

PROPOSAL (continued)

SPECIFICATION NO. CTA 4585-08

CONTRACT NO. B09FR00817

ORNAMENTAL FENCING 4 RAIL SYSTEM WITH CIRCLES FURNISH AND INSTALL MAJOR FENCE COMPONENTS

The following items are considered major components for which a unit price is required. All other items necessary for a satisfactory installation are considered incidental and the cost of these items are to be included in the quoted unit prices for the items listed below. See Spec. 4585-08 and associated drawings Fig.10, 11, & 12. **Unit pricing for ornamental fencing 4 rail system with circles listed below to be for new construction.** See below for percentage (if any) to be added if a major component is used for a repair to an existing fence where removal of the defective component is required.

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Posts: excavate and install corner, end, line, or gate post (price for post not included, see below)	ea.	10 ea	\$_____ ea.
The following pricing to be per linear foot of post. (Note: total installed price of a post to be computed by adding the above excavation and install price to the total length of post used, including that embedded in concrete).			
3" sq. 1/8" steel tubing.	l.f.	15 l.f.	\$_____ l.f
4" sq. 1/4" steel tubing.	l.f.	20 l.f.	\$_____ l.f
Panels: complete with horizontal rails, pickets, and circles	s.f.	500 s.f.	\$_____ s.f
Gates: Swing gate complete: frame with panel and hardware	s.f.	100 s.f.	\$_____ s.f
Cantilever sliding gate complete: frame, counter balance, bracing, rollers, track, panel, and hardware. Note price to be per s.f. determined by gate height x gate opening.	s.f. of gate opening	50 s.f.	\$_____ s.f of gate opening

Percentage to be added to the unit prices listed above if a major component is needed to repair an existing ornamental 4 rail with circles fence when removal of the defective component is required. _____% If a percentage is not stated zero percent will apply. Note: It is estimated that 5% of the major components installed under the terms of this contract will be used in conjunction with a repair.

ORNAMENTAL FENCING 4 RAIL SYSTEM WITH CIRCLES REMOVAL AND REPAIR

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Fence removal (remove only and dispose)			
remove post (cut at ground level)	ea.	10 ea	\$_____ ea
remove post including concrete and backfill hole	ea.	10 ea	\$_____ ea
remove panels or gates	l.f	50 l.f	\$_____ l.f.
Fence repair			
straighten post	ea.	10 ea	\$_____ ea
straighten panel or gate	s.f.	20 s.f.	\$_____ s.f

COMPANY BIDDING _____

PROPOSAL (continued)

SPECIFICATION NO. CTA 4585-08
CONTRACT NO. B09FR00817

SNOW FENCE FURNISH AND INSTALL MAJOR FENCE COMPONENTS

The following items are considered major components for which a unit price is required. All other items necessary for a satisfactory installation are considered incidental and the cost of these items are to be included in the quoted unit prices for the items listed below. See Spec. 4585-08.

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Post	ea.	100 ea.	\$ _____ ea
Snow fence- wood slats	l.f	1,000 l.f	\$ _____ l.f.
Snow fence- orange roll type plastic	l.f	750	\$ _____ l.f.

SNOW FENCE REMOVAL

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Remove post	ea.	100 ea.	\$ _____ ea
Remove snow fence-wood slats or roll type plastic	l.f	1,000 l.f	\$ _____ l.f.

COMPANY BIDDING _____

PROPOSAL (continued)

SPECIFICATION NO. CTA 4585-08
CONTRACT NO. B09FR00817

SALT DAMAGE PROTECTION FENCING-FURNISH AND INSTALL MAJOR FENCE COMPONENTS

The following items are considered major components for which a unit price is required. All other items necessary for a satisfactory installation are considered incidental and the cost of these items are to be included in the quoted unit prices for the items listed below. See Spec. 4585-08.

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Supply and install post	ea.	100 ea.	\$ _____ ea
Supply and install fabric	l.f	1,000 l.f	\$ _____ l.f.
Install CTA supplied post	ea.	25 ea.	\$ _____ ea
Install CTA supplied fabric	l.f	200 l.f	\$ _____ l.f.

SALT DAMAGE PROTECTION FENCE REMOVAL

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Remove post	ea.	100 ea.	\$ _____ ea
Remove fabric	l.f	1,000 l.f	\$ _____ l.f.
Deliver removed materials and/or pickup CTA supplied materials to/from 3900 W. Maypole, Chicago, Il.	hr.	10 hrs.	\$ _____ hr.

COMPANY BIDDING _____

PROPOSAL (continued)

**SPECIFICATION NO. CTA 4585-08
CONTRACT NO. B09FR00817**

EXPANDED METAL SECURITY FENCING FURNISH AND INSTALL MAJOR FENCE COMPONENTS

The following items are considered major components for which a unit price is required. All other items necessary for a satisfactory installation are considered incidental and the cost of these items are to be included in the quoted unit prices for the items listed below. See Spec. 4585-08 and Drawing 16. **Unit pricing for expanded metal security fencing listed below to be for new construction.** See below for percentage (if any) to be added if a major component is used for a repair to an existing fence where removal of the defective component is required.

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Posts: excavate and install corner, end, line, or gate post (price for post not included, see below)	ea.	100 ea	\$ _____ ea.
The following pricing to be per linear foot of post. (Note: total installed price of a post to be computed by adding the above excavation and install price to the total length of post used, including that embedded in concrete).			
2.375" o.d. x 3.65 lb./ft. post	l.f.	50 l.f.	\$ _____ l.f.
2.875" o.d. x 5.79 lb./ft. post	l.f.	50 l.f.	\$ _____ l.f.
4.00" o.d. x 9.11 lb./ft. post	l.f.	1,000 l.f.	\$ _____ l.f.
6.625" o.d. x 18.97 lb./ft. post	l.f.	200 l.f.	\$ _____ l.f.
Expanded metal fabric	s.f.	5,000 s.f.	\$ _____ s.f.
Swing gate complete with frame panel and hardware	s.f.	50 s.f.	\$ _____ s.f.
Top, bottom, or intermediate rail	l.f.	5,000 l.f.	\$ _____ l.f.

Percentage to be added to the unit prices listed above if a major component is needed to repair an existing expanded metal security fence when removal of the defective component is required. _____ % If a percentage is not stated zero percent will apply. Note: It is estimated that 5% of the major components installed under the terms of this contract will be used in conjunction with a repair.

**EXPANDED METAL SECURITY FENCING
REMOVAL AND REPAIR**

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Fence removal (remove only and dispose)			
remove post (cut at ground level)	ea.	10 ea.	\$ _____ ea
remove post including concrete and backfill hole	ea.	10 ea.	\$ _____ ea
remove panels or gates	l.f.	200 l.f.	\$ _____ l.f.
Fence repair			
straighten post	ea.	10 ea.	\$ _____ ea
straighten panel or gate	s.f.	25 s.f.	\$ _____ s.f.

COMPANY BIDDING _____

PROPOSAL (continued)

**SPECIFICATION NO. CTA 4585-08
CONTRACT NO. B09FR00817**

**STEEL SECURITY FENCE comparable to AMERISTAR IMPASSE TRIDENT (or approved equal)
FURNISH AND INSTALL MAJOR FENCE COMPONENTS**

The following items are considered major components for which a unit price is required. All other items necessary for a satisfactory installation are considered incidental and the cost of these items are to be included in the quoted unit prices for the items listed below. See Spec. 4585-08. **Unit pricing for steel security fencing listed below to be for new construction.** See below for percentage (if any) to be added if a major component is used for a repair to an existing fence where removal of the defective component is required.

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Posts: excavate and install corner, end, line, or gate post (price for post not included, see below)	ea.	100 ea.	\$_____ ea.
The following pricing to be per linear foot of post. (Note: total installed price of a post to be computed by adding the above excavation and install price to the total length of post used, including that embedded in concrete).			
I- beam post, 4" x 1-3/4"	l.f.	800 l.f.	\$_____ l.f.
2-1/2" sq. x 12 ga. (Swing gate post)	l.f.	150 l.f.	\$_____ l.f.
3" sq. x 12 ga. (Swing gate post)	l.f.	50 l.f.	\$_____ l.f.
4" sq. x 11 ga. (Swing gate post)	l.f.	50 l.f.	\$_____ l.f.
6" sq. x 3/16" wall thickness (Swing gate post)	l.f.	50 l.f.	\$_____ l.f.
Panels: complete with horizontal rails and pales, 2 rail style	s.f.	3,000 s.f.	\$_____ s.f.
Gates: Panels: complete with horizontal rails and pales, 2 rail style, frame to be 2" sq. x 14 guage.	s.f.	100 s.f.	\$_____ s.f.

Percentage to be added to the unit prices listed above if a major component is needed to repair an existing security ornamental fence when removal of the defective component is required. _____% If a percentage is not stated zero percent will apply.
Note: It is estimated that 5% of the major components installed under the terms of this contract will be used in conjunction with a repair.

**STEEL SECURITY FENCE comparable to AMERISTAR IMPASSE TRIDENT (or approved equal)
REMOVAL AND REPAIR**

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Fence removal (remove only and dispose)			
remove post (cut at ground level)	ea.	10 ea.	\$_____ ea
remove post including concrete and backfill hole	ea.	10 ea.	\$_____ ea
remove panels or gates	l.f.	20 l.f.	\$_____ l.f.
Fence repair			
straighten post	ea.	10 ea.	\$_____ ea
straighten panel or gate	s.f.	10 s.f.	\$_____ s.f.

COMPANY BIDDING _____

PROPOSAL (continued)
SPECIFICATION NO. CTA 4585-08
CONTRACT NO. B09FR00817

STEEL SECURITY FENCE comparable to AMERISTAR IMPASSE GAUNTLET (or approved equal)
FURNISH AND INSTALL MAJOR FENCE COMPONENTS

The following items are considered major components for which a unit price is required. All other items necessary for a satisfactory installation are considered incidental and the cost of these items are to be included in the quoted unit prices for the items listed below. See Spec. 4585-08. **Unit pricing for steel security fencing listed below to be for new construction.** See below for percentage (if any) to be added if a major component is used for a repair to an existing fence where removal of the defective component is required.

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Posts: excavate and install corner, end, line, or gate post (price for post not included, see below)	ea.	10 ea.	\$ _____ ea.
The following pricing to be per linear foot of post. (Note: total installed price of a post to be computed by adding the above excavation and install price to the total length of post used, including that embedded in concrete).			
I- beam post, 4" x 1-3/4"	l.f.	800 l.f.	\$ _____ l.f.
2-1/2" sq. x 12 ga. (Swing gate post)	l.f.	150 l.f.	\$ _____ l.f.
3" sq. x 12 ga. (Swing gate post)	l.f.	50 l.f.	\$ _____ l.f.
4" sq. x 11 ga. (Swing gate post)	l.f.	50 l.f.	\$ _____ l.f.
6" sq. x 3/16" wall thickness (Swing gate post)	l.f.	50 l.f.	\$ _____ l.f.
Panels: complete with horizontal rails and pales, 2 rail style	s.f.	3,000 s.f.	\$ _____ s.f.
Gates: Swing gate complete: frame with panel and hardware, 2 rail style, frame to be 2" sq. x 14 gauge.	s.f.	100 s.f.	\$ _____ s.f.

Percentage to be added to the unit prices listed above if a major component is needed to repair an existing security ornamental fence when removal of the defective component is required. _____% If a percentage is not stated above zero percent will apply. Note: It is estimated that 5% of the major components installed under the terms of this contract will be used in conjunction with a repair.

STEEL SECURITY FENCE comparable to AMERISTAR IMPASSE GAUNTLET (or approved equal)
REMOVAL AND REPAIR

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Fence removal (remove only and dispose)			
remove post (cut at ground level)	ea.	10ea.	\$ _____ ea
remove post including concrete and backfill hole	ea.	10 ea.	\$ _____ ea
remove panels or gates	l.f.	20 l.f.	\$ _____ l.f.
Fence repair			
straighten post	ea.	10 ea.	\$ _____ ea
straighten panel or gate	s.f.	10 s.f.	\$ _____ s.f.

COMPANY BIDDING _____
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PROPOSAL (continued)

SPECIFICATION NO. CTA 4585-08
CONTRACT NO. B09FR00817

MISCELLANEOUS FOR ALL APPLICABLE INSTALLATIONS

ITEM	UNIT	ESTIMATED YEARLY QUANTITY	UNIT PRICE
Concrete core drilling	Diameter inch x depth inches	300 Diameter inch x depth inches	\$_____per diameter inch per inch of depth
Setting posts in concrete slab using epoxy (core drilling not included). Price to be based on size of hole in concrete slab.	Diameter inch x depth inches	300 Diameter inch x depth inches	\$_____per diameter inch per inch of depth
Setting posts on concrete slab. Includes providing and welding plate to bottom of post and bolting plate with concrete anchors to slab.	Each post.	20 ea.	\$_____ea.
Remove and legally dispose of any vegetation with a 3" or greater diameter that interferes with fence installation and/or repair	ea.	50 ea.	\$_____ea.
Mobilization charge for eight (8) hour quick response time.	Each occurrence	50	\$_____ea.

COMPANY BIDDING _____

CERTIFICATION REGARDING A DRUG FREE WORKPLACE

Pursuant to the definitions regarding a Drug Free Workplace provided in the Drug-Free Workplace Act of 1988, the Illinois Drug Free Workplace Act, 30 ILCS 580/1 *et seq.*, the Illinois Substance Abuse Prevention on Public Works Projects Act, 820 ILCS 265/1 *et seq.*, the Federal Acquisition Regulation System ("FAR"), Procedures for Transportation Workplace Drug & Alcohol Testing Programs, 49 CFR 40, and Prevention of Alcohol Misuse & Prohibited Drug Use in Transit Operation, 49 CFR 655, _____ ("Contractor") certifies to the best of its knowledge and belief that it and its principals:

1. Maintain a workplace(s) (i.e. the site(s) for the performance of work done by the Contractor in connection with this contract) safe and free from "controlled substances" as described in the Controlled Substances Act (21 U.S.C. 812) and as further described in regulations 21 CFR 1308.11 - 1308.15.
2. Have neither been convicted, including entering a plea of 'nolo contendere,' nor had sentence imposed by any judicial body charged with the responsibility to determine violations of Federal or State criminal drug statutes.
3. Publish and give notice to its employees and sub-contractors that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the Contractor's workplace, and also that actions will be taken against any and all employees and sub-contractors found to be violation of same.
4. Provide that all employees engaged in the performance of the contract receive a copy of the above statement, that the employee will abide by the terms of this statement, and that the employee will notify the employer in writing of the employee's conviction no later than five (5) calendar days after such conviction.
5. Provide for appropriate action against an employee for violation of any and all of these rules and that an employee convicted of drug abuse must satisfactorily participate in a drug abuse assistance or rehabilitation program approved for such purposes by Federal, State, or local health or law enforcement or other appropriate agency.
6. Comply with all drug and alcohol policies, testing programs and reporting requirements set forth in 49 CFR 40 and 49 CFR 655 whenever the Contractor, its employees, or sub-contractor(s) perform one or more of the following functions considered "safety-sensitive", as defined in 49 CFR 655:
 - a. Operating a revenue service vehicle, including when not in revenue service;
 - b. Operating a non-revenue service vehicle, when required to be operated by a holder of a Commercial Driver's License;
 - c. Controlling dispatch or movement of a revenue service vehicle;
 - d. Maintaining (including repairs, overhaul and rebuilding) a revenue service vehicle or equipment used in revenue service; or
 - e. Carrying a firearm for security purposes.
7. Have in place a written program which meets or exceeds the program requirements of the Substance Abuse Prevention on Public Works Projects Act (820 ILCS 265/1 *et seq.*) to be filed with the Authority and made available to the general public, or have in place a collective bargaining agreement which deals with the subject matter of the Substance Abuse Prevention on Public Works Projects Act (820 ILCS 365/1 *et seq.*).
8. Will otherwise comply with all drug and alcohol policies set forth in applicable Federal, State and local laws and regulations, including, but not limited to the Drug-Free Workplace Act of 1988, FAR, Illinois Drug Free Workplace Act, 49 CFR 40 and 49 CFR 655 in such version, prior or subsequent to amendment or revision, as is currently enforced or enforceable at and during the execution and performance of this Contract.

In addition to other remedies, the Contractor's failure to comply with any part of the requirements of the Drug-Free Workplace Act of 1988, FAR, Illinois Drug Free Workplace Act, the Illinois Substance Abuse Prevention on Public Works Projects Act, 49 CFR 40 or 49 CFR 655, may render the Contractor subject to any or all of the following: suspension of payments, termination of contract for default, suspension or debarment.

Signature and Title of Authorized Official

Date

**CERTIFICATION OF PRIMARY PARTICIPANT
REGARDING DEBARMENT, SUSPENSION, AND OTHER
RESPONSIBILITY MATTERS**

_____, certifies to the best of our knowledge
(company's name)
and belief that it and its principals:

1. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
2. Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
3. Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (2) of this certification; and
4. Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or local) terminated for cause or default.

THE PRIMARY PARTICIPANT (APPLICANT OR POTENTIAL CONTRACTOR FOR A MAJOR
THIRD PARTY CONTRACT) _____

(company name)

CERTIFIES OR AFFIRMS THE TRUTHFULNESS AND ACCURACY OF THE CONTENTS OF THE
STATEMENTS SUBMITTED ON OR WITH THIS CERTIFICATION AND UNDERSTANDS THAT
THE PROVISIONS OF 31 U.S.C. SECTIONS 3801 *ET SEQ.* ARE APPLICABLE THERETO.

Signature and Title of Authorized Official

If you are unable to certify to any of the statements in this certification, the participant shall attach an explanation to this certification.

**CERTIFICATION OF LOWER TIER PARTICIPANT
REGARDING DEBARMENT, SUSPENSION, AND OTHER
RESPONSIBILITY MATTERS**

_____. certifies to the best of our knowledge
(company's name)
and belief that it and its principals:

1. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
2. Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
3. Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (2) of this certification; and
4. Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or local) terminated for cause or default.

THE LOWER TIER PARTICIPANT (APPLICANT OR POTENTIAL CONTRACTOR FOR A MAJOR
THIRD PARTY CONTRACT) _____
(company name)

CERTIFIES OR AFFIRMS THE TRUTHFULNESS AND ACCURACY OF THE CONTENTS OF THE
STATEMENTS SUBMITTED ON OR WITH THIS CERTIFICATION AND UNDERSTANDS THAT
THE PROVISIONS OF 31 U.S.C. SECTIONS 3801 *ET SEQ.* ARE APPLICABLE THERETO.

Signature and Title of Authorized Official

If you are unable to certify to any of the statements in this certification, the participant shall attach an explanation to this certification.

LOBBYING CERTIFICATION

Certification for Contracts, Grants, Loans and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Executed this _____ day of _____, 199_____.

By: _____

(Type or print name of contractor)

(Signature of authorized officer)

(Title of authorized officer)

BUY AMERICA CERTIFICATION

One of the following certifications must be completed and furnished with the bid. Failure to provide the certification will result in your bid being declared non-responsive to the invitation for bids and rejected. Details regarding these certifications may be found in the preceding section entitled "49 CFR Part 661 — Buy America Requirements".

Certificate of Compliance with Section 165(a)

The bidder hereby certifies that it will comply with the requirements of section 165(a) of the Surface Transportation Assistance Act of 1982, as amended, and the applicable regulations in 49 CFR part 661.

Signature _____ Date _____

Title _____ Company Name _____

Certificate of Non-compliance with Section 165(a)

The bidder hereby certifies that it cannot comply with the requirements of section 165(a) of the Surface Transportation Assistance Act of 1982, as amended, but it may qualify for an exception to the requirements pursuant to section 165(b)(2) or (b)(4) of the Surface Transportation Assistance Act of 1982 and regulations in 49 CFR 661.7.

Signature _____ Date _____

Title _____ Company Name _____

Certificate of Compliance with Section 165(b)(3)

The bidder hereby certifies that it will comply with the requirements of section 165(b)(3) of the Surface Transportation Assistance Act of 1982, as amended, and the regulations of 49 CFR 661.11.

Signature _____ Date _____

Title _____ Company Name _____

Certificate of Non-compliance with Section 165(b)(3)

The bidder hereby certifies that it cannot comply with the requirements of section 165(b)(3) of the Surface Transportation Assistance Act of 1982, as amended, but may qualify for an exception to the requirements consistent with section 165(b)(2) or (b)(4) of the Surface Transportation Assistance Act, as amended, and regulations in 49 CFR 661.7.

Signature _____ Date _____

Title _____ Company Name _____

PROPOSAL (continued)
TO BE EXECUTED BY A CORPORATION

The undersigned hereby acknowledges having received a full set of CONTRACT DOCUMENTS (Requirements for Bidding and Instructions to Bidders; General Conditions; Standard Government Requirements; Special Conditions Disadvantaged Business Enterprise Commitment; Special Conditions, if any, issued with the specifications; and all other forms, certificates, and documents issued with the specifications) AND ADDENDA NOS. (none unless indicated here)

BIDDER MUST INSERT ADDENDA NUMBERS HERE — IF ANY

and the undersigned agrees, if awarded the contract, to perform the contract in accordance with the terms and conditions of the Contract Documents and Addenda, if any, thereto. Notice to the undersigned may be served by mailing to the address hereinafter set forth.

FURTHER, THE UNDERSIGNED, BEING DULY SWORN, DEPOSES AND STATES ON OATH THAT the undersigned has not entered into any agreement with any other bidder or prospective bidder or with any other person, firm or corporation relating to the price or prices named within the undersigned's proposal or any other proposal, nor any agreement or arrangement under which any person, firm or corporation is to refrain from bidding, nor any agreement or arrangement for any act or omission in restraint of free competition among bidders, and has not disclosed to any person, firm or corporation the terms of the undersigned's proposal or the price or prices named herein. As required by Section 33E-11 of the Illinois Criminal Code of 1961, as amended (the "Act"), the undersigned certifies that the undersigned contractor or any agent, partner, employee or officer of the contractor is not barred from contracting with any unit of state or local government as a result of engaging in or being convicted of either bid-rigging in violation of Section 3 of Article 33E or bid-rotating in violation of Section 4 of Article 33E of the Act or any similar offenses of any state or the United States that contain the same elements as the offenses of bid-rigging or bid-rotating.

Name of Corporation: _____
(Print or Type Name of Corporation)

Business Address: _____
(Print or Type Street, City, State and Zip Code)

BY: _____
SIGNATURE OF AUTHORIZED OFFICER*

Title of Signatory: _____
(Print or Type)

*NOTE: If signed by any person other than the corporate President or Vice President, a certified copy of a resolution or by-law authorizing such person to sign must accompany this Proposal.

State of _____

County of _____

Signed and Sworn to before me on:

by _____
(name of signatory)

(Signature of Notary Public)

(NOTARIAL SEAL)

IF BIDDER IS A CORPORATION — THIS PAGE MUST BE EXECUTED

PROPOSAL (continued)
TO BE EXECUTED BY A SOLE PROPRIETOR

The undersigned hereby acknowledges having received a full set of CONTRACT DOCUMENTS (Requirements for Bidding and Instructions to Bidders; General Conditions; Standard Government Requirements; Special Conditions Disadvantaged Business Enterprise Commitment; Special Conditions, if any, issued with the specifications; and all other forms, certificates, and documents issued with the specifications) AND ADDENDA NOS. (none unless indicated here)

<small>BIDDER MUST INSERT ADDENDA NUMBERS HERE — IF ANY</small>

and the undersigned agrees, if awarded the contract, to perform the contract in accordance with the terms and conditions of the Contract Documents and Addenda, if any, thereto. Notice to the undersigned may be served by mailing to the address hereinafter set forth.

FURTHER, THE UNDERSIGNED, BEING DULY SWORN, DEPOSES AND STATES ON OATH THAT the undersigned has not entered into any agreement with any other bidder or prospective bidder or with any other person, firm or corporation relating to the price or prices named within the undersigned's proposal or any other proposal, nor any agreement or arrangement under which any person, firm or corporation is to refrain from bidding, nor any agreement or arrangement for any act or omission in restraint of free competition among bidders, and has not disclosed to any person, firm or corporation the terms of the undersigned's proposal or the price or prices named herein. As required by Section 33E-11 of the Illinois Criminal Code of 1961, as amended (the "Act"), the undersigned certifies that the undersigned contractor or any agent, partner, employee or officer of the contractor is not barred from contracting with any unit of state or local government as a result of engaging in or being convicted of either bid-rigging in violation of Section 3 of Article 33E or bid-rotating in violation of Section 4 of Article 33E of the Act or any similar offenses of any state or the United States that contain the same elements as the offenses of bid-rigging or bid-rotating.

Signature of Bidder:	_____
	<small>(Signature of Bidder)</small>
Name of Bidder:	_____
	<small>(Print or Type)</small>
Business Address:	_____
	<small>(Print or Type Street Address)</small>

	<small>(Print or Type City, State and Zip Code)</small>

State of _____

County of _____

Signed and Sworn to before me on:

by _____
(name of signatory)

(Signature of Notary Public)

(NOTARIAL SEAL)

IF BIDDER IS A SOLE PROPRIETOR — THIS PAGE MUST BE EXECUTED

PROPOSAL (continued)

TO BE EXECUTED BY PARTNERSHIP OR JOINT VENTURE

The undersigned hereby acknowledges having received a full set of CONTRACT DOCUMENTS (Requirements for Bidding and Instructions to Bidders; General Conditions; Standard Government Requirements; Special Conditions Disadvantaged Business Enterprise Commitment; Special Conditions, if any, issued with the specifications; and all other forms, certificates, and documents issued with the specifications) AND ADDENDA NOS. (none unless indicated here)

BIDDER MUST INSERT ADDENDA NUMBERS HERE — IF ANY

and the undersigned agrees, if awarded the contract, to perform the contract in accordance with the terms and conditions of the Contract Documents and Addenda, if any, thereto. Notice to the undersigned may be served by mailing to the address hereinafter set forth.

FURTHER, THE UNDERSIGNED, BEING DULY SWORN, DEPOSES AND STATES ON OATH THAT the undersigned has not entered into any agreement with any other bidder or prospective bidder or with any other person, firm or corporation relating to the price or prices named within the undersigned's proposal or any other proposal, nor any agreement or arrangement under which any person, firm or corporation is to refrain from bidding, nor any agreement or arrangement for any act or omission in restraint of free competition among bidders, and has not disclosed to any person, firm or corporation the terms of the undersigned's proposal or the price or prices named herein. As required by Section 33E-11 of the Illinois Criminal Code of 1961, as amended (the "Act"), the undersigned certifies that the undersigned contractor or any agent, partner, employee or officer of the contractor is not barred from contracting with any unit of state or local government as a result of engaging in or being convicted of either bid-rigging in violation of Section 3 of Article 33E or bid-rotating in violation of Section 4 of Article 33E of the Act or any similar offenses of any state or the United States that contain the same elements as the offenses of bid-rigging or bid-rotating.

Firm Name: _____
(Print or Type Name of Firm)

Business Address: _____
(Print or Type Street Address)

(Print or Type City, State and Zip Code)

BY SIGNATURE(S):

All Partners or Joint Venturers of the Firm must sign this bid unless one Partner or Joint Venturer is authorized to sign for the Partnership or Joint Venture.

(Partner)

(Partner)

(Partner)

(Partner)

(Partner)

State of _____

County of _____

Signed and Sworn to before me on:

by _____
(name of signatory)

(Signature of Notary Public)

(NOTARIAL SEAL)

IF BIDDER IS A PARTNERSHIP OR JOINT VENTURE — THIS PAGE MUST BE EXECUTED

DISCLOSURE OF OWNERSHIP

All businesses submitting proposals are required to complete the appropriate portion of this form. If more space is needed attach additional pages. In signing and submitting its proposal, of which this Disclosure of Ownership form is a part, the business certifies that the information submitted on this Disclosure of Ownership form is correct as of the date of the submittal of the proposal.

1. IF THE BUSINESS IS A CORPORATION, check this box ☐ and complete:

If the shares of the Corporation are not listed on the New York Stock Exchange or any regional exchange, list the name of each person who possesses either nominal or beneficial ownership or 5% or more of the Corporation's stock (list below). If none, type or print "NONE" in space below.

Is the Corporation listed on the New York Stock Exchange? ☐ Yes ☐ No

If the corporation is listed on an exchange other than the New York Stock Exchange, the name of the exchange is _____

TYPED OR PRINTED NAME

% INTEREST

2. IF THE BUSINESS IS A PARTNERSHIP, check this box ☐ and complete:

The name of each general, limited or individual partner entitled to receive 5% or more of the profit derived from partnership activities (list below). If none, type or print "NONE" in space below.

TYPED OR PRINTED NAME

% INTEREST

3. IF THE BUSINESS IS A SOLE PROPRIETORSHIP, check this box ☐ and complete:

The name of each person other than the owner entitled to receive 5% or more of the profits derived from the activities of the business (list below). If none, type or print "NONE" in space below.

TYPED OR PRINTED NAME

% INTEREST

DISCLOSURE — TO BE COMPLETED BY ALL BIDDERS

PROPOSAL (continued)

ACCEPTANCE

The undersigned, on behalf of Chicago Transit Authority, A Municipal Corporation of the State of Illinois, hereby accepts the foregoing bid items as identified in the Proposal.

Contract Number

Total Amount of Contract \$

Dated this _____ **day of** _____, 2009, at Chicago, Illinois

Vice President, Purchasing/Warehousing

President

Approved as to form and legality, for the sole benefit of CTA. Subject to proper authorization and execution thereof:

Attorney