Notice to Bidders
Tompkins County
Human Services Building
Access Control System Upgrade

Sealed Bids for an Access Control System Upgrade at the Tompkins County Human Services Building will be accepted at the Tompkins County Finance Department, Purchasing Division, 125 East Court Street, Old Jail Building, 2nd Floor, Ithaca, NY 14850 up until 11:30 a.m. on July 29, 2013 at which time and place they will be opened and publicly read.

Specifications are available for download at www.tompkinscountyny.gov/purchase/current-bids.

Questions may be directed to Lisa Hall at (607) 274-5500, lhall@tompkins-co.org.

Tompkins County reserves the right to waive any informalities and to reject any or all bids.

Lisa M. Hall
Buyer

Tompkins County
Request for Bid – Submission Instructions

Respondents shall submit their bid response per the instructions below. Respondents who do not follow these guidelines may have their bids rejected as incomplete or non-responsive.

- Respondents shall read all documents contained in this specification package. Failure to do so does not excuse respondent from abiding by all instructions, terms or conditions.
- Responses shall be submitted to the location and in the format indicated in the specifications no later than the date and time indicated.
- The County reserves the right to amend the specifications prior to the due date by written "Addenda". It is the respondent's responsibility to ascertain whether any addenda have been issued prior to submitting their bid.
- Respondents shall submit their bid in a sealed package or envelope with the name of their company and the title of the Request for Bid.
- Respondents must provide one original printed copy, with original signatures, of their bid response. Electronic files may be requested as well.
- Respondents shall submit **all** forms that require signatures with their bid response.
- All responses submitted become the property of the County and are subject to Public Information Policy.
- This invitation for bid does not commit the County to award a contract, nor shall the County be responsible for any cost or expense that may be incurred by the respondent in preparing and submitting their response or any cost incurred prior to the execution of a contract.
- The County reserves the right to cancel the contract without cause with a minimum of thirty (30) days written notice. Termination or cancellation of the contract will not relieve the respondent of any obligations or liabilities resulting from any acts committed by the respondent prior to the termination of the contract. The respondent may cancel the contract with one hundred-twenty (120) days written notice.

Tompkins County
Request for Bid – Terms & Conditions

Method of Award:
The County reserves the right to award the contract to the respondent who submits the bid(s) that prove(s) to be in the best interest of the County. The County has the sole discretion and reserves the right to cancel this request, reject any/all responses, to waive any/all informalities and/or irregularities if it is deemed to be in the best interest of the County to do so.

Contract Extension:
The County agrees, under the General Municipal Laws of New York State to allow all authorized users who wish to utilize any contract awarded as a result of this solicitation to do so. However, it is understood that the extension of such contract is at the discretion of the respondent and the respondent is only bound to the contract between itself and the County.

Term of Contract:
Unless otherwise specified, any contract resulting from this solicitation shall be for one year with the option to renew for up to three (3) additional twelve (12) month periods by mutual agreement in accordance with the terms of the contract.

Contract Award:
The contract award, if any, will be made within forty-five (45) calendar days of due date. The contract shall be awarded to the respondent who submits the lowest responsible bid that proves to be in the best interest of the County.

Non-Appropriation Clause:
In accordance with New York State General Municipal Law, the County will not be liable for any purchases or contracts for goods or services for which funding is not available. As a result, the respondent agrees to hold the County harmless for any contracts let for which funding either does not currently exist, or for which funding has been removed prior to the authorization to proceed. Should it become necessary for the County to cancel a project after the order to proceed has been issued, the County will only be liable for, and the respondent agrees, to only assess those financial damages that it can prove to have incurred as a result of the contract cancellation.

Guarantee:
The respondent shall guarantee that the product(s) or equipment provided is standard new products or equipment (unless otherwise requested), latest model of regular stock product and in current production. Replacements parts shall be easily obtained and that no attachment or part (if applicable) has been substituted or applied contrary to the manufacturers' recommendations and standard practice. Every product delivered shall be guaranteed against faulty material and workmanship for the term(s) of the contract(s). If during this period such faults develop, the product(s) shall be replaced at no cost to the County.

Late Delivery Penalties:
Delivery terms shall be stated in the detailed specifications, or may be requested from the respondent to be specified on the bid form. By signing the bid forms the respondent agrees that they are able to meet the specified requirements. A penalty fee of $10.00 per calendar day, for each day the item(s) ordered are not delivered to the proper County location may be assessed. In the event that the item is on backorder through no fault of the respondent, the respondent is required to inform the County immediately. Late penalty fees shall be deducted from the invoice once the item is received by the County.

Invoices:
Invoices shall be mailed directly to the ordering department. Invoices mailed to the incorrect location may not be forwarded thus causing delay in payment.

Tax on Materials:
In regard to any taxes applicable to this project respondents are to acquire a copy of form ST-120.1 from the New York State Department of Taxation and Finance and follow accordingly. Tompkins County is tax exempt. If required, a Tax Exemption Certificate will be forwarded upon request.

Failure to Perform:
In the event the equipment and/or products fail to perform to the County's expectations the vendor shall, at its own expense, repair or replace said item(s). If the warranty requirements are not clearly specified, it is the vendor's responsibility to ascertain from the County what performance expectations are anticipated for the specific vendor provided material or service.

Installation of Equipment:
In the event that installation of equipment is needed, the respondent shall arrange with the County for the installation within forty-eight (48) hours after delivery of the product(s).

Training:
If required, training shall take place during regular business hours. Training shall be provided until all County personnel involved in the contract are adequately trained.

Financing of Material or Equipment Purchases:
When any bid includes the lease and/or purchase of material and/or equipment the respondent shall submit a price on the bid form provided by the County. The price offered shall include all delivery, installation (if applicable), finance, and any other charges that may be associated with said purchase or lease. The County shall only deal with the contractor/vendor actually submitting the bid AND arrangements made between the respondent and any other party as a part of this bid are strictly between those parties and the County shall not be included or required to participate in them in any way. Furthermore, the County shall only make payments directly to the vendor awarded a contract and issued a purchase order or authorization to proceed. The County shall not make partial or pre-payments of any kind unless stipulated in the specifications by the County.

Pricing Adjustments:
Pricing adjustments will only be considered at the time of bid renewal. If, in the opinion of the County, any price adjustment request is in excess of that acceptable to the County, the County reserves the right to reject the prposed increase and seek new bids.

Workforce Diversity and Inclusion:
Tompkins County government is committed to creating a diverse and fully inclusive workplace that strengthens our organization and enhances our ability to adapt to change by developing and maintaining:

A. An organization-wide understanding and acceptance of the purpose and reasons for diversity;
B. Recruitment and retention policies that assure a diverse workforce;
C. A workplace environment that is welcoming and supportive of all;
D. Awareness, understanding and education regarding diversity issues;
E. Zero tolerance for expressions of discrimination, bias, harassment, or negative stereotyping toward any person or group;
F. A workforce ethic that embraces diversity and makes in the norm for all interactions, including delivery of services to the public.

Respondents are encouraged to include an outline of their diversity policy in their proposal response.

Contract Re-Assignment:
The respondent shall not re-assign any portion of the any contract that results from this solicitation without the express written consent of the County.

Deviations:
Deviations to the specifications are to be so noted and fully explained. Tompkins County reserves the right to accept any or all deviations if it proves to be in the best interest of the County.

Corporate Compliance:
FEDERAL FUNDING COMPLIANCE: The Respondent agrees to comply with all Federal, State, and local laws and regulations governing the provision of goods and services under this Contract. To the extent that federal funds are provided to the Respondent under this contract, the Respondent agrees that it will comply with all applicable federal laws and regulations, including but not limited to those laws and regulations under which the Federal funds were authorized.

Further, Respondent agrees to comply with the County's Compliance Plan regarding Federal and State fraud and abuse laws; the Compliance Plan can be reviewed at www.tompkins-co.org or a copy can be obtained from Tompkins County Administration, 125 East Court Street, Ithaca, NY 14850.

Respondents that are providers of healthcare services certify that the Respondent, and all employees, directors, officers, and subcontractors of the Respondent, are not "excluded individuals or entities" under Federal and/or New York State statues, rules and regulations, to determine if any of them are on or have been added to the exclusion list.

The Respondent shall promptly notify the County if any employee, director, officer of subcontractor is on or has been added to the exclusion list. The County reserves the right to immediately cancel this contract, at no penalty to the County, if any employee, director, officer or subcontractor is on or has been added to the exclusion list.

By submitting a response to a Request for Proposals, you are attesting to the fact that you and/or the provider, which you represent, have not been sanctioned nor excluded by any of the aforementioned entities.

Iranian Energy Sector Divestment:

By submitting a response to this solicitation, the respondent hereby represents that said respondent is in compliance with New York State General Municipal Law Section 103-g entitled "Iranian Energy Sector Divestment", in that said respondent has not:

a. Provided goods or services of $20 Million or more in the energy sector of Iran including, but not limited to, the provision of oil or liquefied natural gas tankers or products used to construct or maintain pipelines used to transport oil or liquefied natural gas for the energy sector of Iran; or

b. Acted as a financial institution and extended $20 Million or more in credit to another person for forty-five days or more, if that person's intent was to use the credit to provide goods or services in the energy sector of Iran.

Any respondent who has undertaken any of the above and is identified on a list created pursuant to Section 165-a (3)(b) of the New York State Finance Law as a person engaging in investment activities in Iran, shall not be deemed a responsible bidder pursuant to Section 103 of the New York State General Municipal Law.

Except as otherwise specifically provided herein, every respondent submitting a response to this solicitation must certify and affirm the following under penalties of perjury:

(1) "By submission of this response to solicitation, each respondent and each person signing on behalf of any respondent certifies, and in the case of a joint response, each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief, that each respondent is not on the list created pursuant to NYS Finance Law Section 165-a (3)(b)."

Except as otherwise specifically provided herein, any response to this solicitation that is submitted without having complied with subdivision (1) above, shall not be considered for award. In any case where the respondent cannot make the certifications as set forth in detail the reasons therefore. The County reserves the right, in accordance with General Municipal Law Section 103-g to award the contract to any respondent who cannot make the certification on a case-by-case basis under the following circumstances:

(1) The investment activities in Iran were made before April 12, 2012, the investment activities in Iran have not been expanded or renewed after April 12, 2012, and the respondent has adopted, publicized and is implementing a formal plan to cease the investment activities in Iran and to refrain from engaging any new investments in Iran; or

(2) The County of Tompkins has made a determination that the goods and services are necessary for the County to perform its functions and that, absent such an exemption, the County of Tompkins would be unable to obtain the goods or services for which the Bid is offered. Such determination shall be made by the County in writing and shall be a public document.

OSHA Training:
All laborers, workers and mechanics employed in the performance of a Public Work contract that exceeds $250,000 shall comply with New York State Labor Law §220-h requiring certification, prior to performing any work on the project, as having successfully completed a course in construction safety and health, approved by OSHA. The course must be at least (10) hours in duration.

Prevailing Wages:
All respondents submitting bids for Public Work projects are required to conform to all NYS Prevailing Wage Laws. A copy of the Prevailing Wage Rates applicable to the project have been included in the specifications. The successful respondent(s) is responsible for complying with all current labor rates and regulations throughout the duration of any contract resulting from this solicitation. The County will only pay, and the respondent agrees only to charge, prevailing wage rates for those employees of any organization that are required by New York State law to receive said rates in the course of doing work with the County. No payments will be made to any respondent covered under this contract **prior** to respondent supplying the County with **Certified Payrolls** in accordance with the New York State Labor Laws in effect during the term of the project. This includes all owners, partners, and other management and other employees as required. Vendors currently on the NYS Department of Labor Debarred list will not be considered for award of this contract. By submitting a bid for consideration the respondent is indicating that they are currently in good standing with the NYS Department of Labor at the time of the bid.

Apprenticeship Programs:
Tompkins County Resolution 222 of 2004 states that pursuant to Article 23, §816-b of New York State Labor Law, any public work that requires separate specifications pursuant to §101 of the General Municipal Law that exceeds $1 million in cost, must include contractors that participate in New York State certified apprenticeship programs. All bidders and all subcontractors under the bidder must maintain or participate in a bona fide New York State Apprentice Program approved by the Division of Apprentice Training of the Department of Labor for each apprenticable trade or occupation represented in their workforce for which the law applies and must abide by the apprentice to journeyman ration for each trade prescribed therein in the performance of the contract. Notwithstanding the foregoing, each bidder awarded a contract may allow up to twenty-five percent of the value of its contract to be performed by employees or subcontractors that do not meet this requirement. Failure to comply with these requirements may result in any or all of the following sanctions:

A. Temporary suspension of work on the project until compliance is obtained; and/or;

B. Withholding payment due under the contract until compliance is obtained; and/or;

C. Permanent removal from any further work on the project; and/or;

D. Recovery by the County from the bidder, 1/10th of one percent of the contract amount or $1,000.00 which is greater, in the nature of liquidated damages assessed for each week that the contractor is in non-compliance.

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. A general description, functional requirements, characteristics, and criteria present in the **CardAccess 3000 Access Control, Alarm Monitoring & Video Surveillance System**. The specification provides all necessary information to produce a complete proposal for a sophisticated, easy to-use, multi-tasking, multi-user Access Control System (ACS) with features that include, but are not limited to, Alarm Monitoring, Photo-ID Badging Management, Visitor Management, CCTV Integrated Management, DVR Integration, NAPCO Alarm and Fire panel Integration and Trilogy Networx wireless lock integration. Continental Access manufactures CardAccess 3000 (Version 2.x) Security & Management Software which includes all Computer Hardware and Software, Intelligent Control Panels, Communication Devices, Card Readers/Keypads, Access Cards, Key Tags, Key Fobs, I/O Boards & Power Supplies as specified herein. All material will be listed in Continental Access catalogs.
2. CardAccess shall perform a wide variety of feature-rich functions. These functions are categorized into 'system modules', (integration of products), which include, but are not limited to:
   a. Access Control Management
   b. Alarm monitoring Management
   c. Burglar Alarm and Fire Panel Integration
   d. Photo Imaging/Badging Management
   e. CCTV and Digital/Network Video Recorder (DVR/NVR) Integration
   f. Full Audit Trail Management report
   g. Muster Reporting
   h. Personnel Tracking Management Report
   i. Visitor Management
   j. Advanced Scripting (linking) Interface
   k. Building Lock Down
   l. Vehicle Tracking & Reporting
   m. Graphical Dynamic Maps: Import & Viewing & Executable
   n. Automated Data Import and Data Export
   o. Full Time & Attendance
   p. Trilogy Networx Wireless Lock Integration

3. Controller Hardware: Controller Hardware shall be of a distributed architecture nature so that in the event of server failure the local controller will make all decision utilizing both the Facility code and the unique ID and be capable of:
   a. 2 to 16 card readers per panel
   b. 1,000,000 card holders per panel
   c. Card formats ranging from 26 bit to 256 bits
   d. Processing data at 52 MIBS, (million instructions per second)
   e. Download speeds to the controller not to exceed 6 minutes for 100,000 card records utilizing the 200 bit format
   f. IPV IV and IPV VI Ethernet communications. Support AES 128/256 encryption
   g. Time zone offsets
   h. Reporting alarms to a central monitoring station via Ethernet without the assistance of an integrated alarm panel
   i. Changing addresses of inputs and outputs for door control
   j. Global I/O functions Communications of Ethernet TCP/IP, RS 232, RS -422 or a combination thereof
4. System Requirements:

a. This Host PC shall contain the ACS software GUI, Data Server, SQL database and the host communications software module. The SQL database shall be able to be located on a remote server, for improved performance. The communications software module shall be able to be located on a remote server/s, for improved performance.
b. The Host communications software shall be required to be fully compliant with Microsoft Windows ® 2003 Server, Win 7 and Win 2008 and operate as a true 32-bit or 64 bit system.
c. The Host PC shall communicate with the Access Control Panels using Communication protocols such as TCP/IP, RS-422 and RS-232.
d. The ACS shall be able to support both a Database server and a Communication server either as one computer or multiple computers.
e. The Card Access shall be capable of supporting a Primary server and a Secondary server for disaster recovery systems and shall not be limited by distance from Primary to Secondary.
f. The ACS workstation PC shall contain the software, the GUI, and integration executables only.
g. The ACS workstation shall have the ability to enroll card data automatically.
h. Security key will be required on all Host communication server PCs in order for the system to operate. Lack of security key on the Host PC will cause the communication software and the GUI to shutdown. The user will be notified of the missing security key by means of a popup message.
i. The Security key shall be available as either a hardware or software key.
j. Security key will not be required at workstations.
k. The Security key will determine both hardware and software limitations:
    1) Hardware License Limitations: The key will determine the number of workstations that will be able to connect to the system simultaneously.
    2) Software License Limitations: The key will determine the additional software features that a user can activate. The features will include:
        a) Max # of Secondary Communication Servers
        b) Max # of CCTV DVR/NVR Servers
        c) Time & Attendance
        d) Visitor Management Integration workstations
        e) Max # of Scripting servers & Script editing capability
        f) Max # of Napco Integration Servers
        g) API Interface
        h) PIV support

5. Database Partitioning:

ACS shall support SQLExpress/SQL 2005/SQL 2008 R2 database, and shall allow virtually unlimited database partitioning.

a. Database Partitioning shall support the ability to assign the following to individual partitions:
    1) Cardholders
    2) Controllers
    3) Workstations
    4) Card Readers
    5) I/O points
    6) Alarm Panels
    7) Access Levels
    8) Time Zones
    9) Communications Servers
    10) Dynamic Maps
    11) System Operators

6. Access Control Panels:

a. The Access Control System (ACS) panels shall support, through firmware updates, full system integration, providing full system integration to standard burglary Alarm and Fire Panels with 32, 96, and 255 Zone Control. This shall allow reporting to Police, Fire Department, and to the ACS.

b. The following latest panels shall be available:
   1) Two 2 Door Intelligent Reader Control Panel (For This Application The Supertwo Panel will be provided and installed, or approved equal).
   2) Four Door Intelligent Reader Control Panel
   3) Eight Door Intelligent Reader Control Panel
   4) Sixteen Door Intelligent Reader Control Panel
   5) Expansion Modules:
      a) The ACS panels shall provide for full Supervised Alarm Input Expansion Modules (16 Supervised Alarm Inputs).
      b) The ACS panels shall support Relay Control Expansion Module (16 Form C Relay Outputs, and 8 Non- Supervised Inputs).
      c) The ACS I/O Board shall support up to 3 expansion boards, each provides 16 Supervised Inputs and 16 Relay Outputs, for a total of 48 each.

7. Additional Devices:
   a. The ACS Access Panels shall support the following Add-On devices:
      1) Personnel Identification Devices, including, but not limited to:
         a) Prox-Cards
         b) Smart-Cards
         c) Key Fobs,
         d) CHUID card
         e) CAC card
         f) TWIC
         g) FIPS 201-1 card
         h) Barcode
         i) Mag-Stripe Cards
      2) Access Authorization Devices, including, but not limited to:
         a) Keypads,
         b) Prox-Readers,
         c) Smart-Card-Readers and
         d) Biometric Identification devices

8. System Description:
   a. The Access Control Unit (ACU) is a fully programmable, self contained 2 door system that offers users flexibility, expandability and simplicity (Supertwo Access Control Panel)
   b. The system shall consist of all the hardware necessary to provide access control and alarm monitoring for all controlled entry/exit points within a single facility or multiple facilities.
   c. The system shall be a complete distributed processing system with no reliance on the host PC for any decision making.

9. Tompkins County Human Services Building Specific Requirements:
   a. Existing Proximity Card Readers, electric door locking devices, slidegate operators and door monitoring devices are to remain and be integrated into new Continental Supertwo Access Control Panels. Existing Proximity Cards are to remain and be reused. Data from existing computer to be entered in to new server by contractor.
   b. Badging station equipment to be integrated into new server. If existing badging equipment is not compatible with new server Continental 3000 software, then new badging equipment is to be priced as a separate option.
   c. Badge Design will be entered into new server.

d. All peripheral devices required to provide a complete and functional headend access control system, as specified, are to be included whether listed or not.
e. Integration of other County systems, into the new card access system, is not required at this time. However, the new system must be capable of accepting other system integrations should it be required in the future.

1.2 REFERENCES

A. National Fire Protection Association (NFPA):
70-2011 National Electrical Code The standard for the safe installation of electrical wiring and equipment in the united states.

B. Underwriters Laboratories, Inc. (UL):
294-5th Edition The standard of safety for access control system units

1.3 SUBMITTALS

Due 5 Days from Receipt of Purchase Order or Notice to Proceed, 3 Copies of the following:

A. Product Data: Provide complete product data which shall include the following:
1. Manufacturer's data for all material and equipment, including controllers, local processors, computer equipment, access cards and any other equipment provided as part of the ACU.
2. A system description, including analyses and calculations used in sizing equipment required by the ACU. Description to show how the equipment will operate as a system to meet the performance requirements of the ACU. The following information shall be supplied as a minimum:
   a. Central processor configuration and memory size
   b. Description of site equipment and its configuration
   c. Protocol description
   d. Hard disk system size and configuration
   e. Backup/archive system size and configuration
   f. Start up operations
   g. System expansion capability and method of implementation
   h. System power requirements and UPS sizing
   i. A description of the operating system and application software

B. Software Manual: The software manual shall describe the functions of all software and shall include all other information necessary to enable proper loading, testing, and operation. The manual shall include:
1. Definition of terms and functions
2. Use of system and applications software
3. Initialization, start up, and shut down
4. Alarm reports
5. Reports generation
6. Data base format and data entry requirements

C. Operator's Manual: The operator's manual shall fully explain all procedures and instructions for the operation of the system. The document shall be available on CD in electronic format and include:
1. Computers and peripherals
2. System start up and shut down procedures

3. Use of system, command, and applications software
4. Recovery and restart procedures
5. Graphic alarm presentation
6. Use of report generator and generation of reports
7. Data entry
8. Operator commands
9. Alarm messages and reprinting formats
10. System access requirements

1.4 QUALITY ASSURANCE

A. Regulatory Agency Sustainable Approvals
   1. NFPA 70 National Electrical Code
   2. UL 294 Access Control System Units

B. Qualifications
   1. Manufacturers:
      a. The manufacturers of all hardware and software components employed in ACS shall be established vendors to the access control/security monitoring industry for no less than ten (10) years.
   2. Suppliers:
      a. Only the manufacturer's equipment that is explicitly mentioned in this specification is supplied. Substitutes are not allowed.
      b. Equivalence: No item shall be substituted without the prior written and approved documentation that assures that the substituted part/parts are exactly the same, technically and aesthetically speaking. The substituted parts must provide the same or significantly improved performance.
   3. Installer:
      a. Dealers:
         1) All bidders must be a Certified Access Control Integrator by the manufacturer.
         2) All technicians and engineers involved in the project must be trained and certified on the ACS software and associated interfaces by the manufacturer prior to the bid.
         3) The Integrators of the ACS products shall have been in the Access Control business for a minimum of 15 years, and have supplied access control systems/components of similar configuration, size and complexity.
         4) All bidders must maintain a technical support group for providing round the clock technical assistance.
      b. Contractors:
         1) The contractor of the access control system will meet the following requirements:
            a) He will have had a minimum of 10 years of experience in installing, commissioning and supporting access control systems of similar size, configuration and complexity.
            b) He will have at least two technical staff members who have been trained and certified by the manufacturer to install and support this system.
            c) He will maintain an adequate supply of replacement parts for all system components installed, as recommended by manufacturer.
            d) The installing contractor shall be responsible for the following:
               i. Determining operational requirements and planning/designing the system.
               ii. Installing and integrating Access Control, Alarm Monitoring, DVR/NVR, and related security and door hardware.
               iii. Configuring local access panels and ACS host communications.

iv. Installing proper communication connections between the host system, access panels, and the related hardware.
v. testing the security management system communication and operation.
vi. Training system operators.
vii. Testing the security management system

e) The contractor shall have been regularly engaged in the installation and maintenance of integrated access control systems similar in size and scope to that is outlined herein for a period of no less than ten (10) years.

f) The contractor shall supply manufacturer's documentation attesting to the fact that his/her firm is a competent factory trained service branch capable of maintaining the system with reasonable service time.

g) The contractor shall provide a minimum of three (3) references whose systems are of similar complexity and have been installed and maintained by the contractor in the last five (5) years.

h) There shall be a local representative and factory authorized local service organization, which will carry a complete stock of parts and provide maintenance for these systems. Local shall be defined as an area in a 100 mile radius of the Tompkins County Human Services Building In Ithaca New York with a response time of 8 hours.

i) The contractor will be have a valid NYS Security Installers License and will have done business with Tompkins County for a minimum of 10 years.

4. Alternates:

a. Only the manufacturer's equipment that is explicitly mentioned in this specification is supplied. Substitutes are not allowed, without specific written approval from Tompkins County.

b. Equivalence: No item shall be substituted without the prior written and approved documentation that assures that the substituted part/parts are exactly the same, technically and aesthetically speaking. The substituted parts must provide the same or significantly improved performance.

1.5 DELIVERY, STORAGE & HANDLING

A. Ordering: Comply with manufacturer's ordering instructions and lead time requirements to avoid construction delays.

B. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.

C. Storage and Protection: Store materials protected from exposure to harmful weather conditions and at temperature and humidity conditions recommended by manufacturer.

1.6 WARRANTY

A. The Access Control Panel shall be warranted for at least 12 months from the date of system acceptance.

B. Extended warranty terms at reasonable rates shall be available from the installing dealer.

C. The system integrator shall be the focal point of all service issues or questions (with the manufacturer's full support). The system integrator shall directly support software for the selected system product family.

D. Technical support from the manufacturer to the system integrator will not be reliant on a software maintenance agreement between the system integrator, end user to the manufacturer.

1.7 Site-Visit

A. Vendors wishing to make a site-visit prior to bid submission may contact Bill Cornell at (607) 274-5367.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Manufacturer List:

1. Continental Access (A Napco Security Group Company)
   355 BayView Ave, Amityville, N.Y. 11701;
   Telephone: (631) 842-9400;
   Fax: (631) 842-1961;
   Website: www.cicaccess.com

   Card Access 3000 Software with Server
   Supertwo 2 Reader Access Control Panels

2.2 SERVER CONFIGURATION

A. Server PC Requirements**:** Minimum Server PC requirements shall be as specified in the table below:

	Server (1-4 Work-stations)	**Server (5-19 Work-stations)**	**Server (20-49 Work-stations)**
Processor	Pentium Dual Core, 2.6GHz (min)	Xeon Quad Core 2.0GHz (min)	2 x Xeon Quad Core 2.0GHz (min)
Ram	2.0 GB Min/ 3GB+ for Win7 and Win Server 2008	4.0 GB Min	8 GB Min
Hard Drive	300 GB	500 GB	Raid 5 - 3 drives minimum
USB Ports	4 Min	4 Min	4 Min
Serial Ports	Optional - 1 expandable to 64	Optional - 1 expandable to 128	Optional - 1 expandable to 128
Parallel Ports	Optional - 1	Optional - 1	Optional - 1
Mouse	PS2 or USB	PS2 or USB	PS2 or USB
Monitor	17" SVGA (1024x768)	17" SVGA (1024x768)	17" SVGA (1024x768)
DVDROM	48x/16x	48x/16x	48x/16x
DVDR	24x/8x	24x/8x	24x/8x
Sound	Optional but Stand-Alone recommended	Optional	Optional
Network Card	100/1000 Mb NIC Ethernet	100/1000 Mb NIC Ethernet	100/1000 Mb NIC Ethernet
Operating System	Win 7 Pro 32/64 bit, Win 2003 Server 32/64 bit, or Win 2008 Server 32/64 bit.	Win 7 Pro 32/64 bit, Win 2003 Server 32/64 bit, or Win 2008 Server 32/64 bit.	Win 7 Pro 32/64 bit, Win 2003 Server 32/64 bit, or Win 2008 Server 32/64 bit.

Database	MSSQL 2005/2008 R2 Express or MSSQL Server 2005/2008 R2 for higher performance	MSSQL Server 2005/2008 R2 recommended	MSSQL Server 2005/2008 R2 recommended
Backup	Tape / CD / DVD / Network	Tape / CD / DVD / Network	Tape / CD / DVD / Network
System Size	This is the recommended PC server specification for a system with up to four workstations. It can be used for a stand-alone system, a workstation or a CA3000 Server. For high transaction environments some specifications may change.	This is the recommended PC specification for a CA3000 Server supporting up to nineteen workstations. For high transaction environments some specifications may change.	This is the recommended PC specification for a CA3000 Server supporting up to forty nine workstations. For high transaction environments some specifications may change. For larger systems please consult with Continental Access.
Notes:	(1) If using SQLExpress, the database size should not exceed 4GB. (2) Disk drive usage is dependent on the number of transactions kept in backup. (3) Additional RAM will improve performance (4) It is best to perform badging and other integration functions on a workstation, not the server.		

2.3 SYSTEM DESCRIPTION

A. The Access Control System (ACS) shall be capable of:
   1. Managing the security operations for a single site or for multiple sites.
   2. It shall consist of all the software and hardware necessary to provide access control and alarm monitoring for all controlled entry/exit points within a single facility or multiple facilities.
   3. The system shall provide full access grant or deny access authorization capabilities without the need for real-time communications with the control panels.
   4. The system will monitor alarm events and display them to the system operator for processing.

B. The system shall be designed such that entry/exit points may be added in 2 Door increments.

C. The system shall be capable of providing full system integration to ACS, CCTV, third party DVR/NVR Digital Video Management, Alarm and Fire panels, Time and Attendance, Visitor Management, Trilogy Networx Wireless and Data Exchange services. The system shall allow reporting to Police, Fire Department, and to the ACS.

2.4 SYSTEM SPECIFICATIONS

A. High resolution graphics:
   1. The system shall support unlimited high resolution graphics with Disk-Limited and user-programmable color dynamic graphic map display capable of showing floor plan, location of alarm device, and alarm instructions.
   2. The mapping software shall be able to run independent of the ACS software.
   3. The independent dynamic mapping software must utilize the same database as the ACS software.
   4. Floor plans shall be created in .JPG, .BMP, .emf, .wmf or .ico formats, and can be imported from other systems.
   5. All of the graphic maps will be displayed on the CPU monitor. Systems requiring separate display monitors or PC's to display the floor plans will not be acceptable. The operators must be able to perform the following functions without use of the ACS software:

6. Add and delete devices on the dynamic maps
7. Make custom icons as devices and add to the dynamic maps
8. Open up live video on the dynamic maps by right clicking and choosing live video
9. Unlock and lock doors from the dynamic maps
10. Turn on/off devices from the dynamic maps
11. Respond to alarms from the dynamic maps
12. Add and delete dynamic maps according to permissions by operator log on
13. Utilize a Log On that is identical as the Log On given by the system administrator for the ACS with all permissions that were assigned and all restriction that were assigned.
14. All events/action shall become part of the ACS transactional history database

B. Information Storage: All programmed information as well as transactional history will be automatically stored onto a local or remote hard disk for later retrieval. The system will warn the operator when the database size approaches maximum capacity. The system shall be capable of using multiple ACS site databases as needed by the system users.

C. Information Archive/ Retrieval: The CPU shall be capable of transferring all programmed data and transactional history to any removable media or logical disk drive. All programmed data can be restored from disk/CD, Tape Drive etc, in case of system hardware failure. As an option, the system shall be capable to offer additional support by means of a redundant mirrored system backup retrieval, for virtually instantaneous switchover in an emergency. There shall be no distance limitation for the secondary server to the primary server.

D. Communication: The system shall be capable of supporting the following communication types:
1. Serial Port type (RS232/RS422) connections
2. LAN/WAN (10/100/1000) Hard-wired & Wireless connections
3. Fiber Optics
4. TCP/IP IPV IV and IPV VI protocols

Note: A Host Server shall be able to employ any combination of the above communication types.

E. COM Port/Serial type (RS232/RS422) Connections:
1. The PC shall have a minimum of two serial ports.
2. The system (consisting of a Host and 7 Remote COM Servers) shall be able to support up to 2048 Com ports, each Com Server supporting 256 Ports. In case all of the 256 ports are to be used for serial communication, you need to employ Com Port expansion cards. Each expansion card will be able to provide expansion in increments of 32 Com Ports.
3. Each com port will be able to support hard wired direct connect or modem connections. An additional 256 ports per Host or Com Server can be used for modem specific ports, for up to 512 total ports.
4. Each COM port must be able to have password protection as an option.
5. The system operator will be able to enter a password for each COM port.
6. When operating in this mode, the ACS door controllers will not accept communications from any host PC, workstation or communications server that does not provide the correct password.
7. The system operator will be able to individually assign this password to selected panels.
8. The COM port password will be encrypted both in the system database and in the Access Control Panel.

F. LAN/WAN (10/100/1000) & Fiber Optics Communications:
1. The Host PC shall support LAN (local area connection).
2. The system (consisting of a Host and 7 Remote COM Servers) shall be able to support up to 2048 LAN ports, each Com Server supporting 256 LAN Ports.
3. Each port shall support typical Cat 5 LAN Connection or Fiber Optics LAN connections.

4. Each LAN port shall be able to have password protection.
5. The system operator will be able to enter a password for each LAN port
6. When operating in this mode, the ACS door controllers will not accept communications from any host PC, workstation or communications server that does not provide the correct password.
7. The system operator will be able to individually assign this password to selected panels.
8. The LAN port password will be encrypted both in the system database and in the Access Control Panel.

G. Printers: The system shall support page printing of reports by any page printer that can be installed, configured and supported by the Microsoft Windows ® operating system. The system shall also support printing of alerts or any events above a user selected priority.

H. Mouse: The ACS shall use a USB mouse configured under and supported by the Microsoft Windows ® operating system.

I. Workstations: The system shall support up to 150 additional active remote workstations. These stations shall be capable of monitoring alarms, running CCTV Integration, DVR Integration, Alarm and Fire panel integration, Scripting, Video Badging, Time and Attendance and Visitor Management. Video Badging Full integration shall use the same SQL database and hence no multiple entries will be needed. The ACS Management software shall overlook all database administrative tasks, of all system workstations including:

J. Access Control Management
1. Alarm monitoring Management
2. Burglar Alarms and Fire Panel system Management Integration
3. Photo Imaging/Badging Management
4. CCTV Integration Management
5. System Administration Management (except archiving)
6. Personnel Tracking Management Reports
7. Visitor Management
8. Conditional Badging Management
9. Muster System Management ('Who's IN' report)

K. Networking: The system shall provide networking operation via local area networks (LAN) or Wide area networks (WAN), both wired and wireless (802.11g standard), using the standard features of Microsoft Windows ® 2003/2008, or Windows 7 networking software.

L. Licensing: The ACS shall offer you the following licensing options:
1. The system shall provide one Server license.
2. Client/user workstation licensing for 5 workstations shall be available as an option.
3. Additional licensing for up to 7 additional COM Servers shall be available as an option.
4. The system shall support concurrent usage of all system workstations as per the license limitations. System operators will be able to perform independent functions on each workstation. The system allows access to only one particular table for additions, deletions or editing, one user at a time.

M. Database:
1. The database shall be Microsoft SQLExpress (Database Engine) or optionally Microsoft SQL Server 2005/2008 R2.
2. It shall be scalable. Systems initially installed using Microsoft MSDE/SQL shall be field upgradeable to Microsoft SQL Server 2005/SQL 2008 R2.

3. The database will fully integrate with the Government PKI database for validation of a card and automatically remove access privileges when the card holder information is moved to the Government Revocation list.

N. Access Control Panel: The Access Control Panel system shall be scalable and operate efficiently over a wide range of facility sizes and applications. **Systems utilizing a remote module at the door that reports back to the controller will not be accepted.** The Access Control Panels shall be capable of:

1. Entry/exit points will be able to be added without the need to replace any system hardware or controllers.
2. Controllers may be selected and added in increments of 2 door configurations to provide the maximum flexibility and cost effectiveness.
3. Distributed, intelligent, fully independent controllers will be able to be used to provide fully distributed decision and authorization capabilities.
4. In the event the host PC cannot communicate with any/all controllers, no degradation in security shall occur.
5. Reading multiple cards formats simultaneously with no degradation of "time to unlock".
6. Multiple reader formats/readers shall be read at a single controller simultaneously.
7. Reading bit structures from 26 bit to 256 bits.
8. Storing up to 1,000,000 card holder records.
9. Reading the FIPS-201-1, PIV, TWIC and CAC card formats.
10. Shall be capable of Time Zone Offsets for those panels deployed in different time zones.
11. Unlock times not to exceed .5 seconds after a valid card read.
12. Download speeds to be at 921 kbps allowing for 40,000 cards to be downloaded in less than two minutes.

2.5 SOFTWARE CAPACITIES

A. System software and language development software exist, and are industry accepted, allowing the customer to choose the Language desired by the user. There can be full customization of the following:

1. Software GUI Screens.
2. Icons.
3. Communication messages, and Reports.
4. The Operating system shall be 32 bit multi-user / multi-tasking capable of operating in a non-proprietary CPU.
5. The application software shall be written in a standard, industry accepted language. All System functions shall be accessible via Microsoft Windows compliant menu-accessed screens. Systems requiring command string control or complex syntax will not be acceptable. Systems shall not be dependent upon external input, other than keyboard.

B. Each system shall be capable of supporting:

1. Over 2000 Serial/LAN Communication Ports and over 4000 Ports Total.
2. Over 32,000 Readers.
3. Unlimited Cardholder database (SQL Version-limited only to Hard drive capacity).
4. 150 Workstations.
5. 255 Time Schedules each w/least 10 start/stop intervals.
6. 5 Holiday types with 100 user-definable holidays each (500 Total).
7. Unlimited System operators.
8. 30,000 access levels per panel.
9. Over 256,000 supervised inputs.
10. Over 256,000 relay outputs.
11. Over 16 thousand global link (output) programs.

12. Up to 10 facility codes per Access Control Panel or 100,000 system facility codes per panel with Facility Code/Badge Concatenation.
13. Unlimited operator passwords with definable privilege levels.
14. Unlimited .wav files for alerts
15. Unlimited color dynamic graphic maps.
16. Unlimited RS-232 interface ASCII commands to a CCTV system, which provides automatic, alarm activated camera switching, and Live Camera image Capture.
17. Unlimited number of floors for Elevator Control.
18. Cardholder activation/cancellation dates.
19. Unlimited number of CCTV DVR Servers.
20. Unlimited number of CI Scripting(linking) Servers.
21. Unlimited number of Napco Alarm Servers.
22. Unlimited number of Time Zone Offsets.

2.6 SYSTEM SECURITY

A. Password: The system software shall be capable of identifying unlimited temporary or permanent operators. Passwords may be up to 20 alphanumeric characters, and will be case sensitive.
   1. Password Security: Permanent passwords will be able to be provided only by the operators. The administrator may only provide a temporary one-use initial password, which must be changed by the operators, when they log on. Operators will be allowed to change their passwords any time. Operator password invalidation will be required in cases of suspected operator security breach (which can occur when the operator is not on site or is otherwise unable to logon) in order to enforce immediate change of password. When an administrator adds a new operator, the concerned operator's password may not be left blank and must be set to a temporary value that can be used only once. When a temporary password has been provided by the administrator, the New Password dialog will be displayed after the temporary password has been entered.
   2. An operator record will be required to have a unique name, to allow the use of same passwords by different operators. If duplicate passwords are not allowed, security can be compromised. For example, a 'password already in use' message will reveal one of the existing passwords, which is of course a security violation. No secret information is revealed by saying, 'Operator name already in use, please enter a different name'.
   3. The system administrator will have the capability to require an operator to change his/her password. The system administrator may invalidate the operator's password. The operator will then be required to provide a new password during his next logon.
   4. System Operators will have the ability to change any workstation settings, from whichever station they are working on.
   5. The system administrator may assign an operator to a group. As a result, the operator will be able to view/ change and create items that are assigned to the particular group only.
   6. The system will record in the Audit Trail database, the time at which an operator logs into/out of the system, as well as any changes that were made by the user during login.

B. System Operators:
   1. Privilege levels: Each operator will be able to be assigned any combination of up to 100 user programmed privilege levels. Operator Control will be limited by the following access rights:
      a. Disable
      b. View Only
      c. Create Only
      d. Create and Edit

C. Personnel Database Security: The system administrator will be able to restrict each operator's privileges to View, Create or Create/Edit each field in the Personnel database.

D. Audit Trail of Database Changes:
   1. The system shall record changes to the database, including the date, time, operator name and description of the record changed.
   2. The audit trail shall track event messages record additions, deletions and revisions. The record will contain a date/time stamp for the change, the logged on operator's name, table name, action identifying the change, and a description based on the 'Name' field of the record such as, user name, operator name, panel name, reader/door name and workstation where the change was made.
   3. The system shall allow for browsing of Audit Trail. The dialog box will contain a database grid component that will display the records of the Audit Trail Table.
   4. The system shall NOT allow the Audit Trail table to be edited.

2.7 SOFTWARE SPECIFICATIONS

A. The system shall be capable of integrating with various facility management functions such as:
   1. Burglar and Fire Alarm Panel
   2. CCTV Cameras
   3. HR interfaces
   4. Government PKI databases
   5. Time and Attendance
   6. Asset Tracking
   7. CCTV DVR recording devices so that, all available functions may be controlled from any ACS workstation connected to the network

B. The system shall be capable of handling large multi-site corporations across Local (LAN) and Wide Area Networks (WAN) while utilizing AES 128/256 bit encryption.

C. The system software shall be true 32 bit software.

D. The system shall support both Microsoft SQL Express and Microsoft SQL 2005/SQL 2008 R2. Microsoft SQL Express is the system default. But, Microsoft SQL 2005/SQL 2008 R2 shall be available as an option.

E. The system shall support multiple languages offering the following privileges.

F. The system operator will be able to select the desired language from a pull down list of available languages.

G. The system shall be able to remember individual operator settings and automatically switch to the appropriate language for the logged on operator.

H. The system shall support use of different languages at each workstation.

I. The system shall be capable of switching between languages without the need to re-boot the system.

J. Communications: In addition to the normal hardwired configurations, the system shall allow selection of all modes of polling, (LAN/WAN, Hardwire, Wireless network, and Dial up) if needed from one single host server, allowing for a combination of polling modes. The System shall allow full flexibility of controller polling from the Host server, and also shall allow an additional Remote Com server (Network LAN/WAN) for remote polling. The system shall support the following alternative communications modes:
   1. Network:
      a. All communications shall be capable of AES 128/256 bit encryption

b. The system shall have the capability to communicate with system controllers from the Host PC on the network via a Local (LAN) or Wide Area Network (WAN). Multiple communications servers may be run concurrently within the system utilizing AES 128/256 bit encryption.
c. Controllers communicating over a network via LAN/WAN will be able to be password protected.
d. Controllers shall have the capability of having two Ethernet connections. One being primary and one being secondary for redundant communications paths.

2. Dial IN/OUT:
   a. When operating in dial mode, the system shall automatically download to the controllers any changes that may be made to the configuration or operational databases.
   b. It will be possible to schedule uploads and downloads in accordance with the following schedules. The modes may be mixed.
      1) By schedule: At any time a schedule previously programmed into the system may be used to initiate a dial-out to the controller.
      2) On The Hour: A dial-out may be automatically initiated each hour, on the hour.
      3) Twice Daily: Dial outs to the controllers may be initiated twice daily, one at Noon and the other at midnight.
      4) Daily: A dial out may be initiated each day at noon-time.
         a) It will be possible for the system operator to initiate a manual dial out connection to any controller connected via telephone line, at any time.
         b) Controllers connected to the system via telephone lines may initiate dial in connections to their host PC in case they detect alarm events that have been previously programmed as high priority events.
         c) Controllers connected to the system via telephone lines may initiate dial in connections to their host PC in case the controller (Access Control Panel) transaction buffer is 75% full.
         d) Controllers being communicated with over telephone lines will be able to be password protected.
         e) The system shall support a minimum of two dial-out lines.
         f) The system shall support a minimum of two dial-in lines.

2.8 SYSTEM SOFTWARE FEATURES

A. Anti-Pass back:
1. The system shall support the following modes of anti-passback:
   a. Global System Wide Anti-Passback: The user may enter at any IN reader and/or leave using any OUT reader in the system. Up to 250 + Anti-Passback areas shall be supported.
   b. Hard Anti-Pass back: The cardholder will not be able to use his/her card consecutively at either an In or an Out reader. Doing so will generate an event message and the system will deny access to the cardholder. The cardholder must be In before swiping Out, and vice-versa.
   c. Soft Anti-passback: Will allow the cardholder to access an (In) or (Out) door consecutively, but the system will generate an error message.
   d. Duration Use (timed) Anti-Passback: The system shall have the capability to restrict the use of an In or an Out reader for a particular card-holder, for a certain duration of time. When applied to an APB type reader, this duration will determine the amount of time (minutes) that a badge that is in APB violation, will be rejected. If a badge is rejected due to APB violation, the use of this badge in the same direction-type reader will continue to be rejected until the duration use time expires. After the expiration, the badge holder will be permitted passage at the reader.

e. Nested Anti-Passback: The system shall support multiple zones of anti-passback within the same building I.E. Independent zones of anti-passback where one in read from one zone does not affect another zones setting.
f. APB Reset: The system shall be capable of a global reset of all cardholders in the system. This can be done by schedule, or manually.
g. Nested Anti-Passback: The system shall be capable of nested anti-passback.

B. Dedicated Access:
1. The system administrator will be able to assign one or more readers to Badgeholders individually.
2. The personnel database supports the assignment of unique groups of doors and time schedules to each badge holder.

C. Database Partitioning:
1. The system shall support partitioning of database. System administrators will have the capability to restrict operators from viewing, adding, editing or deleting data, or system configurations.
2. The system shall support the assignment of multiple operators to the same database partition.
3. Database Partitioning should allow the administrator to assign each Operator Privilege to the followings folder tabs:
   a. Forms Control: This tab shall provide access to all system database menus and menu items dependent on operator privileges. The menus and their items at minimum are:
      1) System
         a) Language
         b) System Settings
         c) Achieve/ Restore
         d) Audit Trail
      2) Control
         a) Doors
         b) Relays
         c) Links
         d) Disable Alerts
         e) Schedule Changes
      3) Access
         a) Personnel
         b) Badge Holders IN (Muster)
         c) Access Groups
         d) Find Usage
      4) Administration
         a) Badge Formats
         b) Facility Codes
         c) Photo ID
         d) Schedules
         e) Holidays
         f) Groups
      5) Operators
         a) Operators Privilege
         b) Operators Response
         c) Operator Instructions,
         d) Operator Instruction Links
         e) Maps
      6) Configuration
         a) Panels
         b) Readers
         c) Inputs

d) Relays
e) Links
f) Com Ports & LAN WAN (IP Address)
g) Modems
h) DVR server
i) Napco Server

7) View
   a) Toolbars
8) Help
   a) CardAccess 3000 Help
   b) About CardAccess 3000
9) Alert Signal Menu
   a) Silence
10) Control Menu
   a) Control Devices
11) Status Menu
   a) Remove Entry
12) Remove Station Menu
   a) Remove Off- Line Workstation
13) Personnel Fields Control:
   a) Batch Modify
   b) Access Time
   c) Access Group 1
   d) Access Group Expire Date
   e) Access Group 2
   f) Access Group 2 Expire Date
   g) Access group template
   h) APB In
   i) APB Out
   j) APB Exempt
   k) APB Set Next
   l) APB Settings
   m) Activation Date
   n) Badge Number
   o) Badge Photo Type
   p) Capture Signature
   q) Company ID
   r) Department
   s) Duration Use
   t) Embossed
   u) Enabled
   v) Escorted
   w) Expiration Date
   x) Facility Code
   y) First Name
   z) Group
   aa) Hire Date
   bb) Initial Download
   cc) Last Access
   dd) Last Name
   ee) License
   ff) Location

gg) Phone
hh) Phone Extension
ii) Photo Modify
jj) Photo Import
kk) Photo Preview
ll) Photo Print
mm) Photo Export
nn) Clear Photo
oo) Clear Signature
pp) Pin (Keypad Pin Number)
qq) Print Photo Copies
rr) Re-Issue
ss) Remarks & Note Field
tt) Shunt Group
uu) Shunt by Reader
vv) Shunt Inactive
ww) Shunt Shunting
xx) SSN (Social Security)
yy) Stay On Panel
zz) Supervisor
aaa) Tracked
bbb) Badge Use Limit
ccc) User Field 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 thru 48
ddd) Vehicle Tag
eee) Dedicated Access Group Name
fff) Dedicated Access
ggg) Dedicated Access Group Assignment
hhh) Vehicle

14) Database Partitions: This tab should allow partitioning of all system database groups below:
a) Personnel Group
b) Panels/Door Controllers Group
c) Readers Group
d) Alarm Inputs Group
e) Relay Outputs Group
f) Links (If Than) Macros type Group
g) Access levels Group/Groups
h) Time Schedules Group
i) DVR's/CCTV
j) Napco panels

D. Vehicle Tracking:
1. The system shall support tracking the use of a vehicle by a particular operator.
2. The system administrator will be able to link a particular vehicle to a particular vehicle operator.

E. Event Printing: The system shall support printing of alerts or any events above a user selected priority.

F. Printer Types: The system shall be capable of supporting three types of printers.
1. Report Printers: Reports requested by the operators will be sent to these printers. These printers may reside anywhere on the network.
2. Event Printers: Individual events will be routed to any of the event printers in real time.

3. Dye-sublimation Video Badging type of printer: These can be single/double sided printers. The system software shall support many different printer driver manufactures, and will be compatible with any of the following Continental Access printer models:

G. Scheduled Reports:
1. The system shall be capable of running unattended scheduled reports, automatically. Operator intervention shall not be required.
2. The system shall support the creation of report templates. These templates will be saved by the system for repeated retrieval and use by the system operators.

H. Badge Validator (Enable/Disable):
1. The system operator will be able to program a reader as a 'Badge Validator reader. Badges presented to this reader are automatically enabled or disabled on consecutive card swipes.

I. Auto Acknowledge Priority Set Point:
1. The system operator will be able to set a priority level between 1 and 99 as an automatic acknowledge point.
2. All alerts that have been assigned a priority lower than the set point will be automatically acknowledged by the system.
3. The system operator will be able to easily modify this set point as well as, enable or disable it.

Groups:

4. The system administrator will be able to perform manual control based on groupings of Personnel, Panels/Controllers, Readers, Inputs, Relays and Links.
5. The system administrator may assign one or all of these items to named groups. The system operator will be able to select any/all of these items by selecting the name of the desired group, and perform system functions in a 'batch mode' on all of them.
6. The system administrator may partition the system using Groups.

J. Access Group Templates:
1. The system administrator will be allowed to select any existing access group and use that group as a template for creating a new similar access group.

K. Default Relay and Input Assignments:
1. The system shall provide default settings for relay and input assignments. This default programming will be populated each time a reader is programmed.
2. The system shall allow the operator may choose to modify these default settings as required.

L. Import:
1. The system shall support importing of personnel data from other databases.
2. The system shall be capable of recognizing any flat file that contains ASCII data.
3. The operator will be able to select the field separation character.

M. Export:
1. The system shall support exporting of all system events. The operator will have the option of selectively exporting any/all event record types.

N. Auto Import/Export:
1. The system shall support automatic import/ export of data to and from the ACS database. The system operator may set up specific files to 'import (from)' or 'export (to)'. These files may be on a local drive or network drive.

O. Elevator Control:

1. The system shall be capable of controlling access to building elevators by making use of Access Groups with no special controller being used.

P. Archive and Restore of Data:
1. Data Archive:
   a. The system shall allow archiving of the data required to configure the system. The operator will be able to choose to archive all configuration data or, selectively back up this data by category.
   b. The operator will be able to archive events as well. The entire Events data will be able to be archived or, only select event types can be backed up based on a period of time.
   c. The system shall offer the option of storing the archived events/configuration data in the local database or, in a database present on a remote site.
   d. The operator shall be capable of setting up archive database backups by a schedule for automatic backups.

2. Data Restore:
   a. The system shall allow restoration of all previously archived data. The operator will be able to restore all configuration data or, restore only select data by category.
   b. The system shall allow the administrator to restore data from any location where an archive was previously done, and will still be available to the system via network connection.

Q. Scheduled Changes:
1. The system shall be capable of scheduling time changes to Readers, Inputs, Relays and Links, automatically. The system will be able to execute these scheduled changes without the need for operator intervention.
2. The system also shall provide the operator the flexibility to control the scheduled change by a single device or a 'Group' of devices.
3. The system operator may program these changes for the current year or any year in the future that the operating system can support.

R. Badge Holders IN (Muster List):
1. The system shall be capable of providing a list of all badge holders currently logged as IN the building.
2. The list shall include the Name, Location and Time of the badge holders' last IN transactions.
3. The default readers for this list shall be all readers. The operator will have the privilege of selecting any reader in the system for the list, provided, the reader has been programmed to report 'In' and 'Out' events.
4. The operator shall be able to print a report of this list directly from the Badgeholders IN screen to any printer on the system or it can be generated automatically in response to an event or input.

S. Find Usage:
1. The system shall enable the administrator.
   a. To determine the time schedules and access groups that will be contained within a particular Access Control Panel.
   b. To determine the exact counts of badges, access groups and time schedules that will be contained within a particular Access Control Panel.
   c. To determine the presence of any Time Schedules or Access Groups that will no longer be used by the system.

T. Badge Formats:
1. The system shall accommodate various badge data formats, simultaneously, by allowing the system operator to enter into the system, the information about the data contained within a particular badge.

2. The system shall support multiple badge formats, simultaneously.
3. The Badge Format function shall support American Banking Association (ABA), FIPS 201-1, PIV II, CHUID TWIC and Wiegand data formats.
4. The system software shall have the capacity to download a minimum of ten (10) user defined badge formats to each panel. These formats will allow for the use of several card technologies, simultaneously. Alternately, the system shall support 100,000 system facility codes per panel with Facility Code/Badge Concatenation.

U. Alarm Monitoring Management and Alert Processing:
1. The system shall support 99 levels of alert priority. The system administrator will be able to assign these priorities uniquely to any alert or event in the system.
2. The administrator may partition the events by user. Only events from the panels and readers in the operators' partition will be viewable.
3. Each priority will be uniquely identified by color that is hard-coded in the software.The alert display screen will be divided into two sections.
   a. Those alerts requiring intervention by the system operator will be placed in the 'Pending Alerts Grid'. These events will remain in the Pending Alerts grid until such time the operator makes a determination, or the system Auto-Acknowledge function determines that the event should be automatically acknowledged by the system. When an event is auto-acknowledged, the system will append to the event record the date and time the event was auto-acknowledged, the operator that was logged on, and an indicator that the event was auto-acknowledged.
   b. Alerts not requiring operator intervention will be placed directly in the 'Events Grid'. The Events grid allows the operator to view the current and past events.
4. The system administrator will be able to force the operators to enter a response for each event the operator processes. The administrator may predefine response messages which the operator may choose from, or the operator can enter his/her own response.
5. The Events grid will contain button controls for sorting and viewing of events. The buttons will be:
   a. Recent: This button will display the most recent / latest events. (This can be set per user).
   b. Browse Mode: Once the user has logged in, the system shall automatically put the Events grid in Browse. This mode will 'freeze' the event screen for browsing.
   c. Previous/Next: When sorting on a header there will be two buttons (PREVIOUS) and (NEXT). The Previous button will display the previous day's transactions. The Next button will advance you to the next day's events.
   d. Photo/Map: If the Photo/Maps option is enabled, the system should automatically display each user's photo and/or map.
6. Each alert record will provide the following information:
   a. Class, Description, Location, Date, Priority, and Operator that acknowledged the alert and the time it was acknowledged either through the ACS software or the ACS stand alone map software directly on the Map.
7. Alarm Description: Each alarm point may be defined with a plain text description of up to 40 characters.
8. Alarm Enabling: Alarm points will be enabled during user-definable time schedules and they can be manually silenced from any workstation.
9. Additional Alarms: The system shall also generate alarms for the following:
   a. Enclosure tampering
   b. Access Control Panel communication loss/restore
   c. Alarm tampering (supervised)
   d. Alarms shall be capable of utilizing events generated by the ACS software.
10. Alarm supervision: When using supervised alarm points, the system shall monitor for "OPEN", SHORT", and "GROUND FAULT" in addition to NORMAL/ABNORMAL conditions.

11. ASCII Output-CCTV Remote Control
    a. Alarm points will have the capability to output an ASCII text command for CCTV switched interface.
    b. This command/output will be user-definable and transmitted on alarm points going into abnormal state, returning to a normal state, or both, and for specified reader events as well.
12. Maps/Floor Plan Assignments
    a. The system operator will be able to choose to assign a floor plan to each alert/ event. This floor plan will help in showing the exact location of the event. The system shall be capable of displaying these floor plans automatically or manually by the operator.
    b. If the event is a badge event, in addition to the floor plan, the system will be able to automatically or manually display an image of the badge holder both from the database and live from the CCTV interface.
    c. The system operator will be able to choose to disable the floor plans function in case it is not being used.
    d. The maps shall be capable of running without the ACS software running.
    e. The system operator shall be able to assign icons to devices such as:
        1) doors
        2) card readers
        3) Cameras
        4) Alarm points to include perimeter protection systems
        5) Controllers
        6) Automatic gates
        7) Any device that is controlled by the ACS
    f. The system operator shall be able to, from the map software
        1) Acknowledge alarms
        2) unlock doors
        3) pull up live video from any camera
        4) open automatic gates
13. The system operator will be able to acknowledge pending alerts one at a time or automatically acknowledge all pending alerts.
14. The system operator will have the advantage of filtering events to display only the category of interest.
15. Event display modes:
    a. Tracking Mode will allow the operator to view events activity displayed on the screen as they occur.
    b. Browse Mode will prevent the incoming events from scrolling on the screen. The highlighted event the operator wishes to dwell on will remain stationary on the Events grid. All events may be sorted alphanumerically.
16. Manual Control will be available for every event, which appears in the Event or Pending Alerts Grid display that relates to a door, relay or link.
17. The operator will be able to quickly sort event records by clicking on the column header above the record field he wishes to sort by.

V. Web Browser interface
1. The web browser shall be able to be used remotely and allow for all programming functions offered by the ACS software.

W. Scripting
1. The ACS software shall have a scripting GUI that allows for:
    a. automatic lock down of all doors
    b. send e-mail messages on events or alarms
    c. attach events to linking alarms
    d. attach alarms to linking actions

e. automatically arm and disarm the Intrusion Detection System
f. disable any or all card readers
g. Choose an individual card or input to automatically perform and event when the card is presented to a reader/s or the input goes active in a normal or abnormal state.

X. Continental FIPS 201, TWIC, FRAC & NIST 800-116 Credential Validation with the CoreStreet Approach

1. Continental Access System shall be capable of PIV enabling to the CA 3000 software as to validate the card with the Government PKI database and the TWIC Hot List database. This function shall be done at the database on every cardholder within the system at the time of enrollment with checks, no longer than 18 hours, of the revocation list.
   a. The checks that shall be accomplished are:
      1) Path discovery – The path from the PIV certificate to an embedded trust anchor.
      2) Path signature verification – establishing that every certificate in the path is genuine and not counterfeit.
      3) Data object signature verification – establishing that every signed data object on the card was signed by a trusted issuer (e.g. certificates, fingerprint template, facial image template) to ensure they are genuine and not counterfeits.
      4) Cross checking data object identifiers – all signed data objects on the PIV card have an identifying number (FASC-N) unique to that card. Checking that each data object contains the same FASC-N (or CHUID) ensures they all belong to the same credential.
      5) Various PKI conformity and freshness checking (key usage, expiration dates, etc.)
      6) PIN check –to ensure the card holder is bound to the credential to mitigate the threat of lost or "shared" cards.
      7) Private Key challenge – to ensure the certificate is bound to the token to which it was issued and has not been copied or cloned.
      8) Biometric check – to ensure the card holder is the same person that was issued the PIV card. This mitigates the threat of "shared" cards and disclosure of the card's PIN.
      9) Periodic checking of the revocation status of the PIV Authentication certificate.
      10) Periodic revalidating the full path – to ensure all of the certificates in Access Control database remain valid and have not been revoke.
2. Validation during enrollment shall include all of these checks to ensure at the highest level possible that all enrollees are in fact who they claim to be. This would typically be done as a function at or in conjunction with the PACS head-end.
3. Validation at the time of access shall involve a subset of these checks depending upon the assurance level required and authentication mechanism chosen for the specific access point being addressed.

Y. Hardware Definitions:

1. Menu configurations: The System software shall allow for the configuration and programming of the Access Control Panel through the use of a simple graphical user interface (GUI).
2. Access Control Panel Memory Allocation: The allocation of memory for cardholder data, event storage, time schedules and access groups within each Access Control Panel will be user-definable from the 'Configuration' menu.
3. Auto-Baud: The system shall allow for advanced baud rate 'syncing' capability with all Access Control Panel's on the system.
4. Auto Panel Type detection:
   a. The system will be capable of determining the type of panel (Access Control Panel) that is connected to a given COM port.
   b. The system shall automatically populate this information in the database.
   c. The system shall limit the number of readers to be programmed based on the panel type.

5. Interactivity:

a. The system software shall allow, through the optional use of interactivity, less frequently used cardholder records to be automatically stored at the host CPU rather than the Access Control Panel in order to optimize Access Control Panel memory space.
b. The system operator will be able to configure an Access Control Panel to operate in Interactive mode. When operating in this mode, if an invalid badge is presented to the reader, the panel will query the database to determine if the badge holder is valid in the host database. If so, the data will be sent to the Access Control Panel and an access grant/ deny decision will be made by the Access Control Panel.

6. Access Control Panel Nodes: The system software shall allow up to 512 nodes of Access Control Panels.
7. Database Updates: The system software will be able to automatically download/upload information to the Access Control Panels while the Access Control Panels are in communication with the host CPU. A data download will be able to be initiated manually also.
8. Workstations: The system software shall be capable of reporting selectable data by type and by time schedule to any combination of the system workstations simultaneously.
9. LAN Connections: All LAN Connections will be able to be made from an easy to follow menu.

Z. Time Schedules:
1. Setup: The system software shall have the capacity for 255 user-definable time schedules. Each time schedule will allow for a maximum of 10 individual time intervals.
2. Assignment: The time schedules will be able to be assigned to:
   a. Cardholders
   b. Inputs
   c. Outputs
   d. Doors
   e. Link Programs
   f. Schedule Changes: Readers, Inputs, Relays & Links
   g. Access Groups

AA. Holidays: The system software shall support a minimum of 5 sets of 100 holidays. Holidays are considered as the eighth day of the week, and have different user-definable parameters from the normal designations for that particular day. A holiday will be capable of starting at any time/hour during a 24-hour day. Systems requiring holiday start time of midnight are not acceptable.

BB. Door Definitions:
1. Door Descriptions: Each door shall have a user-definable description of up to 40 characters.
2. Anti-Passback: The Anti-Passback feature shall have the capability of doing nested anti-passback. Each door may be assigned any one of the Anti-pass back states mentioned below:
   a. IN
   b. OUT
   c. NEUTRAL
3. Reader Modes: In addition to the normal mode, each reader will be able to be programmed to respond in the following modes:
   a. ESCORT: Visitors or non-supervisory personnel may only gain access after presenting a valid card, followed by an authorizing cardholder presenting his/her card.
   b. TWO-PERSON: Two valid card reads will be required for access.
   c. DURATION-USE: A user-definable time period may be set to reject successive card reads by the same cardholder.
4. Access Modes: Each door may be programmed to switch automatically between the following modes of operation, based on a user defined time schedule:
   a. CARD ONLY
   b. CARD + PIN
   c. FREE ACCESS

d. COMMON 4 DIGIT KEYPAD ENTRY
e. CARD OR CARD # THRU KEYPAD

5. Duress: If a reader is operating in "CARD + PIN" mode, the duress feature will allow an alternate code to be entered into the keypad for access. The system will then generate an alert that may be linked to control relays for the notification of the duress alarm.
6. Door Alarms: Each door may be programmed to generate FORCED DOOR and DOOR OPEN TOO LONG alarms. These alarms will be able to be allowed to have a time delay as required.
7. Door Alarm Annunciation: In addition to generating an alarm message, the following conditions may activate an output for annunciation:
   a. FORCED DOOR
   b. DURESS
   c. DOOR OPEN TOO LONG (DOOR AJAR)
   d. VOID CARD
   e. DENIED CARD
   f. ANTIPASSBACK
   g. INPUT DOOR ALARM
   h. TAMPER
8. Card Data: The system software shall allow for card numbers up to 19 digits.
9. Facility Codes: The system software shall allow for up to 10 facility codes per-panel to be used in the system simultaneously. All 10-facility codes can be downloaded to the Access Control Panels to function in a stand-alone mode, with or without the PC. Alternately, 100,000 system facility codes per panel with Facility Code/Badge Concatenation shall be supported. **Systems supporting only one (1) facility code will not be acceptable.**

CC. Cardholder Database:

1. The cardholder database will contain all information required to control the cardholders' access to the facilities.
2. The system administrator will be able to restrict a system operator's privileges to disable, view-only, create-only, and create/edit.
3. Cardholder Records: Cardholder records will consist of a minimum of the following:
   a. Card Number: The actual badge number assigned to the badge holder.
   b. First and Last Name
   c. Issue level: This indicates the number of times a particular badge number has been issued to a badge holder.
   d. Up to (6) Access Groups: Each badge record will be able to be assigned up to six access groups.
   e. User-Definable PIN Code: A badge holder will be able to select his/her own PIN code. The PIN code must have a minimum of 4 digits
   f. Facility Code: The system shall be capable of accommodating various facility codes within the system. A badge holder will be able to be assigned one of the ten available facility codes.
   g. Anti-Passback Location and Status: This field shows the badge holder's current anti-passback status, Exempt from APB, In or Out, and the last In/ Out door they were allowed to enter or exit.
   h. Activation Date: The system administrator will be able to enter a date in this field to enable the concerned badge automatically.
   i. Expiration Date: The system administrator will be able to enter a date in this field to disable the concerned badge automatically.
   j. Badge Use Limit: The system administrator will be able to limit the number of times a badge holder can use his/her badge. In order to do this, the administrator needs to enter a number from 1 to 999 into the Badge Use Limit field.
   k. Photo: The system shall permit importing of existing photos or capturing new photos of the personnel, into the cardholder database. The administrator will be able to configure the

system such that, presentation of a badge will display the concerned badgeholder's image, in the personnel record.

l. Track Status: When this field is checked, the system will display an event message regardless of any other system setting(s).
m. Last Valid Access: This field will display the last reader, location, date & time at which the particular badge was last used.
n. 48 User Definable and Searchable Text/Data Fields: The system shall include a minimum of 48 user fields divided into 4 tabs in the cardholder database. These fields can be employed for searching personnel records.
o. Duration Use: When this field is checked, the badge holder will not be able to gain entry through an APB reader for the specified duration use time. The duration use time will be variable and will be able to be set by the system operator.
p. Escort: When this field is checked, any badge holder flagged as Escort required, can gain access at the concerned reader, only when accompanied by a non-escort badge holder. The badge holder being 'escorted' will have to present his/her badge prior to the escorting badge holder.
q. No transaction will be generated until both badges are presented at that reader. A time limit will apply between the two badge swipes.
r. Extended 'Access Time' (for ADA Compliance): When checked, the badge holder shall be allowed an extended amount of time to gain access through the door. The system operator will be able to fix any length of time up to 255 seconds.
s. Anti-Passback Override: The system shall allow the system operator to exempt individual badge holders from the anti-passback rules.

4. Batch Modify: The system software shall allow groups of cards to be created/modified by using a card number range.
5. Searching: The system shall allow the operator to quickly find cardholder records by clicking on field titles and entering the criteria being looked for directly into the data field.
6. Alarm Shunting: The system shall facilitate shunting of alarms by allowing certain badge holders to shunt an input/ group of inputs automatically, on presentation of the concerned badge, at a reader.
7. Extended Shunt: If a shunt card is presented at an alarm shunt reader, the value of the Shunt Timeout will be used to determine how long, in minutes & seconds, the door may be opened before a "Door Open Too Long" alert is sent to the host PC.

DD. Reports:

1. Report Types: User-definable data reports will include, but are not limited to, the following information:
   a. Cardholder data
   b. Events
   c. Alert responses
   d. Access Groups
   e. Facility Codes
   f. Holidays
   g. Hardware
   h. Time & Attendance
   i. Operators
   j. Time Schedules
   k. Panels
   l. Operators
   m. Badgeholders In (Muster List)
   n. System settings
2. Transaction Reports: Transaction reports will be available for the following:

a. Card transactions
b. Alarm transactions
c. Event transactions
d. Operator activity

3. Search Criteria: The database shall be structured such that the operator can determine the search parameters based on variables available on the individual report menu. Systems requiring the user to type complicated search strings will not be acceptable.
4. Hardware Report: The system shall have the capacity to generate one comprehensive report that shows the exact configuration of all installed and programmed hardware.
5. Export Report Capability: The system shall support the export of custom reports to Excel, HTML and/or Text file data types.
6. Badgeholders IN (Muster) Report: The system shall support the Badgeholders IN report to be run automatically with the use of an Input.

EE. Help Screens:

1. Online help: The system software shall have online help available at any point requiring operator input. The help screen shall be accessible by using the standard Microsoft Windows help system. These help screens shall contain context sensitive information that will allow the operator to enter correct data without consulting the manual.

FF. System Status:

1. Real time status: The operator shall be able to monitor via graphical screens, the status of the following in real time:
   a. Inputs
   b. Outputs
   c. Doors
   d. Workstations on/off line
   e. Napco Panels

GG. Graphical Floor Maps:

1. Graphics File Format: The floor plans will be configured in a .JPG, .BMP. .DWF & .Ico formats to allow for the importation of existing drawings.
2. Icons: The system shall allow the operator to assign doors, inputs, relays, links and Access Control Panels to these floor plans to indicate the exact location of the event.
3. Operation: Upon activation of a selected input or door alarm, the system shall be able to automatically view the associated floor plan with the alarmed icon blinking on the monitor.
4. Acknowledging Alarms: System operators must be able to acknowledge alarms on the map
5. CCTV: Any camera represented on the map will be able to be viewed by simply right clicking the mouse and choosing view camera.

HH. CCTV Remote Control:

1. Generic Control: The system shall support any CCTV switching system that accepts RS232 ASCII commands through a serial connection.
2. Configuration: The system software shall allow the transmission of at least one 80 character ASCII text string, onto a CCTV control device, via an RS232 port on the workstation.
3. Assignment: Each input and door within the system has the option of transmitting a unique user defined control string of up to 80 characters, onto a CCTV control device.

II. Photo Import/Tracking:

1. The Photo Import & Tracking shall be a standard feature that is used in conjunction with the ACS software. The ACS does not require the operator to enter data more than once.

2. Events at the reader will display in real time and show a "split screen" of the stored cardholder image next to the "captured" image in case DVR or SmartView interfaces are being used.
3. The system shall be capable of importing images of the cardholders and will store them in the database. These images will be able to be recalled and displayed by the operator.
4. The system operator may choose to disable the imaging function if it is not being used by the system.

JJ. First In/Last Out rule:

1. The Free Access schedule shall not energize until an authorized user with First In permissions shall enter an Access Control Door.
2. The Free Access schedule shall be able to be overridden when an authorized user with Last Out permissions presents a valid ID at an out reader.

KK. Door Lockdown:

1. The system operator shall have the ability to lockdown a door/facility with a drop down, user defined window of a series of doors. This action shall override the Free Access Time schedule and will not return to a Free Access Time schedule until the operator manual removes the lockdown command from the drop down menu.

LL. Visitor Control:

1. The system shall allow the administrator to create temporary badge records for use by visitors.
2. The visitor function shall provide for an activation date, at which time the visitor badge will become enabled and an expiration date at which time the badge will become disabled.

MM. Badging 3000 Video Badging:

1. The Badging3000 Video Badging package for CA3000 shall enable the users to easily capture cardholder images, add custom text and images, create custom card layouts and print ID cards or credentials with magnetic stripes, bar codes and smart chips.
2. Cardholder images will be able to either be captured remotely with a handheld digital camera and imported into the PC or directly captured via an internal frame grabber and video camera.
3. The following is a list of features that shall be supported:
   a. Drag-and-Drop WYSIWYG Badge Template Editor
   b. Desktop Automated Camera Capture
   c. Context Sensitive On-Line Help
   d. User Defined Badge Templates
   e. Printing:
      1) Shall support any Windows-compatible printer
      2) Will print both sides of a layout (duplex printing)
      3) Will support CMYK
      4) Landscape and portrait printing
   f. Image Capture:
      1) Direct camera drivers for Canon & Olympus cameras
      2) Advanced Face-finding feature will automatically locate a face within an image then centers, crops and stores it.
      3) Will support importing from file, AVI, TWAIN & WinTab
      4) Will point and click configuration of image capture devices
      5) Plug-in functionality according to plug-in driver capabilities
      6) Chroma key support
   g. Image Support:
      1) Will support most industry standard image file formats
      2) Will auto size static images to match size of object to physically Correct color and crop during image acquisition

3) Special effects
4) Red-eye removal
5) Image enhancement
6) Print images with watermarks

4. Additional Printing Support:
   a. Multiple alignment choices and duplex printing on cut-out sheets
   b. Point and click configuration of card printers and internal encoders
   c. Magnetic stripes can be encoded at print time
   d. Will easily copy, cut and paste elements between multiple design windows
   e. Duplex printing with user-definable printing modes
   f. Will select background color from standard and custom palettes
   g. Vertical text option
   h. Will draw lines, rectangles, round rectangles & ellipses
   i. Will create dynamic text objects including database fields and expressions
   j. Will create drop shadows
   k. Will apply pre-defined ghost effect to static and dynamic images
   l. User-definable fade or transparency levels with static and dynamic images
   m. Will remove background pixels from static and dynamic images (close cropping)
   n. Will add bar codes with user-definable properties and values
   o. Unlimited user-definable image types
   p. Will add static images with aspect ratio control
   q. Full True Type and ATM font support
   r. Will support all popular bar code types
   s. Will support Symbol® PDF417
5. E-mail and Pager Notification:
   a. The system shall allow the administrator to select alarm and/or badge activity event to be sent to a user via e-mail or pager/cell-phone.
   b. The system shall allow the user a simple interface for email account setup.
6. Input and Activity Linking:
   a. The system shall allow for 'Activity Links' that provide the capability to control relays based on an event.
   b. Shall allow the CA3000 to be a direct replacement for the Sensormatic AC500 system.
   c. Shall allow triggering of activity link in case any of the following events occur:
      1) AC Power Fail/Restore
      2) Input Abnormal/Normal
      3) Input Supervisory Open/Short/Fault
      4) Relay On/Off
      5) Link Activate/Deactivate
      6) Forced Door
      7) Door Closed
      8) Door Bypass
      9) Door Free Access Start/End
      10) Door Open Too Long
      11) Door Key Code Entry
      12) Manual Door Unlock/Lock
      13) Manual Door Enable/Disable
      14) Low/High Watermark
      15) Valid Badge
      16) Valid Badge Enabled
      17) Valid Badge Disabled
      18) Duress Access

19) Denied Void Badge
20) Denied Facility Match
21) Denied Time Of Day
22) Denied Issue Level
23) Denied Unauthorized
24) Denied PIN Violation
25) Denied APB IN/OUT
26) Denied Escort Match
27) Denied Reissue
28) Denied Vehicle Tag Match
29) Violate Exit Override
30) Violate Entry Override
31) Violate Time Of Day Override
32) Denied Interactivity Timeout
33) Activity Link ON/OFF

7. Category Counters: The Activity Link operation shall also include 16 category counters which allow the cardholder to trip a single or multiple activity links.

8. Watermarks: The watermark feature shall allow the system to 'count' the amount of cardholders/vehicles in a particular area. The user shall have the ability to set 'high' and 'low' marks for the system to increment and decrement the card/vehicle count. This can be used to disable a reader and disallow any further activity into the area until the watermark drops below the preset mark.
9. Local and Global Activity linking: The system shall support both local (within the same Access Control Panel) as well as global (spanning multiple Access Control Panels) Activity linking for maximum system flexibility.

NN. Alarm Event Limit:

1. This feature shall allow the user to limit the number of repeat alarm events sent from a panel within a given period of time.
   a. The user shall have the ability to add a time delay on an alarm to lessen the number of alarms that will be sent to the Pending Alerts grid for an input that remains 'Abnormal'.
   b. This time delay setting shall be configurable and shall be in minutes.
   c.

OO. Variable Door Open/Shunt Time:

1. This feature shall allow the user to unlock a door, either through Manual control or a card read, for a period as short as one second or up to one hour.
   a. The system shall bypass the door input for the same time as the unlock time.
   b. The system shall allow for time increments in seconds up to 59 and then in minutes only up to 60.
   c. The system shall allow for the same manual control over relays.

PP.Application Programming Interface:

1. The system shall provide for an Application Programming Interface for third party integration.
2. The API shall be constructed as a standard Windows Dynamic Link Library (DLL) and will provide various functionalities in the form of function calls.

QQ. Right-to-Left Language Support:

1. The system shall support Languages requiring a display from right-to-left including, but not limited to, Arabic and Hebrew.

RR. Access Control Panels: Continental Access Control Panels used by CardAccess 3000 are modular in design. The access control panels (or panels for short) are also referred to as controllers. Two door, four door and eight door panel versions are available.

1. General Features:
   a. PC Board: The Access Control Panel shall be a microprocessor controlled solid-state electronic device and will include a real time clock/calendar on board. The Access Control Panel shall be compliant with UL294, or an equal. A subset of the ACS database sufficient enough to support access and alarm functions for its designated readers and points will be able to be stored at the Access Control Panel. In the event of communication loss, the Access Control Panel will continue to function without any degradation in operation, and will provide storage for at least 1000 and utmost 210,000 transactions. These stored events will be uploaded to the CPU automatically upon the restoration of communications.
   b. Direct Communication: The Access Control Panel shall communicate via an RS232 or RS422 link directly to the ACS CPU. No additional interface equipment will be required. The Access Control Panel shall be capable of being configured in either repeat mode (serial) or in multi-drop mode. When in repeat mode, the distance between control panels shall be up to 4000 feet, communicating at 57,600 baud, without the use of modems or line drivers.

c. Electrical Noise Suppression: The controller shall have "Built-In" electrical noise suppression devices to protect the on-board microprocessor from relay-generated transients.
d. Electrical Surge Protection: The controller shall have "Built-In" electronic surge protection devices to protect controller circuitry to which external connections are made.
e. Battery Backup: The Access Control Panel shall include, as a standard, at least 4 hours of battery backup. The Access Control Panel also shall include internal battery backup to maintain controller database, program, time and date during a power loss.
f. Diagnostic LED's: The Access Control Panel shall have an LED display to indicate power, processor heartbeat, and the transmission and receipt of programmed data.
g. Biometric Readers/Card Readers/Keypads: The Access Control Panel shall support entry/exit points that allow for a keypad to be used in conjunction with the reader, and the keypad accepts user-definable PIN codes. Systems requiring additional ports for the addition of a keypad are not acceptable. The Access Control Panel shall be able to support multiple card technologies (such as Proximity, Smart Readers, Smart Cards, Biometric-Fingerprint, Iris Scan, Hand Geometry, Face Recognition, Magnetic Stripe, Wiegand, etc.) concurrently without the need for additional software or hardware.
h. Inputs: Without the need for any additional hardware, each Access Control Panel will be able to monitor supervised alarm inputs. By means of software download, the Access Control Panel shall allow the user to decide whether the alarms must function as supervised or non-supervised inputs.
i. Outputs: Without the need for any additional hardware, each Access Control Panel will be able to control user-definable Form C relay outputs.

2. Hardware Options:
   a. Alarm Expander Board: Additional inputs will be able to be made available by means of expansion boards mounted in the Access Control Panel enclosure. Each expansion board has a minimum of 16 supervised inputs. Up to three (3) expansion boards are allowed for each Access Control Panel.
   b. Relay Expander Board: Additional outputs will be able to be made available by means of expansion boards mounted either in the Access Control Panel enclosure, or in the additional enclosures. Each expansion board shall have a minimum of 16 Form C relay outputs and 8 inputs. The Super-Two, Superterm and Turbo Superterm Access Control Panels shall be allowed to have a maximum of three expansion boards.
   c. Memory Expansion: An additional memory board (20Mb) shall be available, allowing the Turbo Superterm expansion to (1,000,000) cards.
3. Enclosure: The Access Control Panel enclosure shall have a hinged cover with key lock. A control panel input point will monitor an enclosure tamper switch.
4. Software Features:
   a. Facility codes: The Access Control Panel shall recognize up to ten different Facility Codes. These facility codes will be able to be defined and then assigned on a per cardholder basis or 100,000 system facility codes per panel with Facility Code/Badge Concatenation shall be selectable.
   b. Card Formats: The Access Control Panel shall be capable of storing up to 10 custom card formats. The Access Control Panel will be able to read the format of most Magnetic Stripe, Bar Code, Proximity or Wiegand Effect encoded cards and will allow an operator to specify parity, start sentinels, stop sentinels, field separators, facility code bits, issue level bits, and card number bits.

c. Global Linking: The Access Control Panel will be able to store up to 64 unique linking programs. A link program will automatically trigger relay output(s) in response to alarm input(s). Inputs may be simple time schedule definitions or any one of up to five alarm inputs. In response, a maximum of five relays may be turned on/off, activated/deactivated, or relays may track the alarm input(s), for a length of time as defined by the user.
d. Card Number Length: The Access Control Panel shall be capable of reading card numbers up to 19 digits.
e. Time Schedules: The Access Control Panel shall have the capacity to store 255 time schedules, with each time schedule comprising of up to 10 time intervals. (The Access Control Panel thus will have the capacity to accommodate a total of 2550 time intervals). Each interval of time can consist of a range of days; seven days of the week, plus a Holiday Type Schedule. The Access Control Panel shall automatically manage time schedules based upon its internal clock.
f. Holidays: The Access Control Panel shall allow for the definition of 5 sets of 100 Holiday Schedules, or exceptions to normal scheduling. Holidays will be able to be defined according to day of year and time of day. All holidays will be automatically incorporated into Time Schedule definitions.
g. Holiday Types: The Access Control Panel shall allow for up to 5 Holiday types. Each Holiday type will consist of different Holiday schedules.
h. Access Modes: Each card reader/keypad shall have the ability to operate independently in up to five different modes: Card only, Common Code only, Card plus PIN, Free Access & Card or Card # through keypad. These modes of operation will be able to be programmed from the ACS host computer and can automatically change according to time schedule assignment.
i. Anti-pass back: The Access Control Panel shall support anti-pass back operation in which, the cardholders are required to follow a proper in/out sequence.

5. Controllers:
   a. Continental Access manufactures different kinds of Access Control Panels in 2, 4 and 8 door configurations. For this application, two door panels will be provided.
6. General Features:
   a. PC Board: The aforementioned Access Control Panels shall be microprocessor controlled solid-state electronic devices and shall include a real time clock/calendar on board. They shall be compliant with UL294 or equal. A subset of the ACS database sufficient to support access and alarm functions for their designated readers and points will be able to be stored at the Access Control Panel. In the event of communication loss, the Access Control Panels will continue to function without any degradation in operation, and will provide storage for a minimum of 20,000 cardholders and at least 1000 transactions.
   b. Network Communication: The aforementioned Access Control Panels shall support the use of network communication devices to provide communication over LAN and WAN systems.Direct Communication: The Access Control Panels shall communicate via an RS-232 or RS-422 link directly to the ACS CPU. No additional interface equipment will be required. The Access Control Panels shall be capable of being configured in either repeat mode (serial) or in multi-drop mode. When in repeat mode, the distance between the control panels may not exceed 4000 feet. The control panels shall need to be communicating at 57,600 baud, without the use of modems or line drivers.
   c. Battery Backup: As a standard, the Access Control Panels shall include at least 4 hours of battery backup (7AH). They shall also include internal battery backup to maintain controller database, program, time and date during a power loss.
   d. Diagnostic LED's: The Access Control Panels shall have an LED display to indicate power, and transmission/receipt of programmed data.
7. Hardware Features and Options:

a. Card Readers: At least 16 supported
b. Keypads: Allowed for PIN Code entry by users
c. Inputs: At least 24 supervised alarm inputs can be monitored without the need for any additional hardware
d. Outputs: Without the need for any additional hardware, at least 17 user definable form C relay outputs can be controlled
e. Alarm Expander Board: Up to 3 expander boards allowed, each can have a minimum of 16 supervised inputs
f. Relay Expander Board: Up to 3 expander boards allowed, each can have a minimum of 16 Form C inputs Up to 3 expander boards allowed, each can have a minimum of 16 Form C relay outputs and 8 inputs
g. Memory Expansion Additional Memory module shall be available, allowing expansion up to 1,000,000 cards
h. All separate card readers and keypad locations will be replaced with card readers that include integral keypads.

SS. PRODUCT SUBSTITUTIONS
1. Substitutions: No substitutions permitted without prior written approval from Tompkins County.

PART 3 EXECUTION

3.01 INSTALLATION

A. General: The contractor shall install all system components and appurtenances in accordance with Continental Access' instructions, and shall furnish all necessary interconnections, services, and adjustments required for a complete and operable system as specified and shown. Control signal, communications, and data transmission line grounding shall be installed as necessary to preclude ground loops, noise, and surges from adversely affecting system operation. Provide mounting hardware as required.

B. Installation: All low voltage wiring outside the control console, cabinets, boxes, and similar enclosures, shall be plenum rated where required by code. Cable shall not be pulled into conduits or placed in raceways, compartments, outlet boxes, junction boxes, or similar fittings with other building wiring. Existing system wiring will be reused wherever possible to minimize facility function disruption.

C. Device Wiring and Communication Circuit Surge Protection: All inputs shall be protected against surges induced on device wiring. Outputs shall be protected against surges induced on control and device wiring installed outdoors, and as shown. All communications equipment shall be protected against surges induced on any communications circuit. All cables and conductors, except fiber optics, which serve as communications circuits from security console to field equipment, and between field equipment, shall have surge protection circuits installed at each end.

3.02 FIELD QUALITY CONTROL

A. Site Tests and Inspections:
   1. General
      a. The contractor shall perform pre-delivery testing, site testing, and adjustment of the completed ACS. The contractor shall provide all personnel, equipment, instrumentation, and supplies necessary to perform all testing. Written notification of planned testing shall be given to the owner at least 5 days prior to the test and in no case shall notice be given until after the contractor has received written approval of the specific test procedures. Test procedures shall explain in detail, step-by-step actions and expected results demonstrating compliance with the requirements of the specification. Test reports shall be used to document the results of the tests. Reports shall be delivered to the owner within seven (7) days after completion of each test.
   2. Performance Verification Test:
      a. The contractor shall demonstrate that the completed ACS complies with the contract requirements. Using approved test procedures, all physical and functional requirements of the project shall be demonstrated and shown.

3.03 CLOSEOUT ACTIVITIES

A. Training:
   1. General: The contractor shall conduct system training for personnel designated by the owner. Training shall cover the maintenance and operation of the ACS. The training shall be oriented to the specific system being installed under this contract including central processor. Up to 8 hours of training shall be provided for in the base contract. The contractor will provide a written training agenda, for owner approval, prior to training being scheduled.

3.04 WARRANTY, MAINTENANCE, AND SERVICE

A. Warranty:
   1. The ACS shall be warranted by the contractor for one (1) year from the date of final system acceptance.

B. Maintenance and Service:
   1. The contractor shall provide all services required and equipment necessary to maintain the entire ACS in an operational state as specified for a period of one (1) year after formal written acceptance of the system, and shall provide all necessary material required for performing scheduled adjustments or other nonscheduled work.
   2. Description of Work:
      a. The adjustment and repair of ACS includes computer equipment, software updates, signal transmission equipment, access control equipment, facility interfaces, and support equipment. Responsibility shall be limited to contractor installed equipment. Provide the manufacturer's required adjustments and other work as necessary.

C. Personnel:
   1. Service personnel shall be qualified to accomplish all work promptly and satisfactorily. The owner shall be advised in writing of the name of the designated service representative and of any change in personnel.

D. Inspections:

1. The contractor shall perform two inspections at 6 month intervals. This work shall be performed during regular working hours, Monday through Friday, excluding Federal holidays. These inspections shall include:
    a. Visual checks and operational tests of the central processor, local processors, monitors, keyboards, system printers, peripheral equipment, ACS equipment, power supplies, and electrical and mechanical controls.
    b. Clean system equipment, including interior and exterior surfaces.
    c. Perform diagnostics on all equipment.
    d. Check and calibrate each ACS device.
    e. Run system software and correct diagnosed problems.
    f. Resolve previous outstanding problems.

E. Emergency Service:
1. The owner will initiate service calls when the ACS is not functioning properly. Qualified personnel shall be available to provide service to the complete ACS. The owner shall be furnished with the telephone number where the contractor's service supervisor can be reached at all times. Service personnel shall be at the site within four 8 hours after receiving a request for service. The ACS shall be restored to proper operating condition after one 1 calendar day.

BID FORM

TOMPKINS COUNTY
HUMAN SERVICES BUILDING
ACCESS CONTROL SYSTEM UPGRADE

Hardware:

$_____

Software:

$_____

Installation:

$_____

Bid Total:

$_____

Deviations

Please list any deviations below. Include additional pages if necessary:

_____

_____

_____

_____

Contact Information

Company Name: _____

_____

Contact: _____

Phone: _____

Fax: _____

Email: _____

ANTI-DISCRIMINATION CLAUSE

During the performance of this contract, (the contractor) hereby agrees as follows:

(a) The contractor will not discriminate against any employee or applicant for employment because of race, creed, color or national origin, and will take affirmative action to insure that they are afforded equal employment opportunities without discrimination because of race, color, creed, ethnicity, Vietnam-era veteran status, disabled veteran, marital status, disability, national origin, or status as an ex-offender. Such action shall be taken with reference, but not be limited, to: recruitment, employment, job assignment, promotion, upgrading, demotion, transfer, layoff or termination, rates of pay or other forms of compensation, and selection for training or retraining, including apprenticeship and on-the-job training.

(b) The contractor will send to each labor union or representative of workers with which he has or is bound by a collective bargaining or other agreement or understanding, a notice, to be provided by the State Commissioner for Human Rights, advising such labor union or representative of the contractor's agreement under clauses (a) through (f) hereinafter called "non-discrimination clauses". If the contractor was directed to do so by the contracting agency as part of the bid or negotiation of this contract, the contractor shall request such labor union or representative to furnish him with as written statement that such labor union or representative either will affirmatively cooperate, within the limits of its legal and contractual authority, in the implementation of the policy and provisions of these non-discrimination clauses or that it consents and agrees that recruitment, employment and the terms and conditions of employment under this contract shall be in accordance with the purposes and provisions of these non-discrimination clauses. If such labor union or representative fails or refuses to comply with such a request that it furnish such a statement, the contractor shall promptly notify the State Commission for Human Rights of such failure or refusal.

(c) The contractor will post and keep posted in conspicuous places, available to employees and applicants for employment, notices to be provided by the State Commission for Human Rights setting forth the substance of the provisions of clauses (a) and (b) and such provisions of the State's and local Tompkins County Laws against discrimination as the State Commission for Human Rights shall determine.

(d) The contractor will state, in all solicitations or advertisements for employees placed by or on behalf of the contractor, that all qualified applicants will be afforded equal employment opportunities without discrimination because of race, creed, color or national origin.

(e) The contractor will comply with the provisions of Sections 291-299 of the Executive Law and the Civil Rights Law, will furnish all information and reports deemed necessary by the State Commission for Human Rights under these non-discrimination clauses and such sections of the Executive Law, and will permit access to his books, records and accounts by the State Commission for Human Rights, the Attorney General and the Industrial Commissioner for purposes of investigation to ascertain compliance with these non-discrimination clauses and such sections of the Executive Law and Civil Rights Law.

(f) This contract may be forthwith cancelled, terminated or suspended, in whole or in part, by the contracting agency upon the basis of a finding made by the State Commission for Human Rights that the Contractor may be declared ineligible for future contracts made by or on behalf of the State or a public authority or agency of the State, until he satisfies the State Commission for Human Rights that he has established and is carrying out a program in conformity with the provisions of these non-discrimination clauses. Such finding shall be made by the State Commission for Human Rights after conciliation efforts by the Commission have failed to achieve compliance with these non-discrimination clauses and after a verified complaint has been filed with the Commission, notice thereof has been given to the Contractor and opportunity has been afforded him to be heard publicly before three members of the Commission. Such sanctions may be imposed and remedies invoked independently of or in addition to sanctions and remedies otherwise provided by law. The Contractor will include the provisions of clauses (a) through (f) in every subcontract or purchase order in such a manner that such provisions be performed within the State of New York. The Contractor will take such action in enforcing such provisions of such subcontract or purchase order as the contracting agency may direct, including sanctions or remedies for non-compliance. If the Contractor becomes involved in or is threatened with litigation with a subcontractor or vendor as a result of such direction by the contracting agency, the Contractor shall promptly so notify the Attorney General, requesting him to intervene and protect the interests of the State of New York.

GENERAL CONDITIONS ACCEPTED BY:

Firm: _____

By: _____

Date: _____

Title: _____

COUNTY OF TOMPKINS
GENERAL CONDITIONS

AFFIDAVIT OF NON-COLLUSION

NAME OF RESPONDER: _____ PHONE NO.: _____ FAX NO.: _____

BUSINESS ADDRESS: _____ EMAIL: _____

I hereby attest that I am the person responsible within my firm for the final decision as to the price(s) and amount of the proposal, or If not, that I have written authorization, enclosed herewith, from that person to make the statements set out below on his/her behalf and on behalf of my company.

I further attest that:

1. The prices in this bid/proposal have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition with any other contractor, responder or potential bidder; and
2. Neither the price(s), nor the amount of this bid/proposal, have been disclosed to any other firm or person who is a responder or potential responder on this project, and will not be so disclosed prior to bid/proposal opening; and
3. No attempt has been made or will be made to solicit, cause or induce any company or person to refrain from responding to this RFB/RFP, or to submit a bid/proposal higher than the proposal of this company, or any intentionally high or non-competitive bid/proposal or other complementary proposal; and
4. The bid/proposal of my company is made in good faith and not pursuant to any agreement or discussion with, or inducement from any firm or person to submit a complementary proposal; and
5. My company has not offered or entered into a subcontract or agreement regarding the purchase of materials or services from any other company or person, offerer, promised or paid cash of anything of any value to any company or person, whether in connection with this or any other project, in consideration for an agreement or promise by a company or person to refrain from responding to this RFB/RFP or to submit a complementary bid/proposal on this project; and
6. My company has not accepted or been promised any subcontract or agreement regarding the sale of materials or services to any company or person, and has not been promised or paid cash or anything of value by and company or person, whether in connection with this or any project, in consideration for my company's submittting a complementary bid/proposal or agreeing to do so on this project; and
7. I have made a diligent inquiry of all members, officers, employees, and agents of my company with responsibilities relating to the preparation, approval or submission of my company's proposal on this project and have been advised by each of them that he or she has not participated in any communication, consultation, discussion, agreement, collusion act or other conduct inconsistent with any statements and representations made in this affidavit.
8. **By submission of this proposal I certify that I have read, am familiar with, and will comply with any and all segments of these specifications.**

The person signing this proposal, under the penalties of perjury, affirms the truth thereof.

Signature & Company Position:_____

Print Name & Company Position:_____

Company Name:_____

Date Signed_____ Federal I.D. Number_____

TOMPKINS COUNTY

PREVAILING WAGE RATE RECEIPT

I, _____ representing
(Name)

_____ have received a copy of the Prevailing Wage
(Company Name)

Rate package associated with the _____ bid
(Bid Title)

on _____(Day and date)

PRC NUMBER(S):

_____ _____ _____ _____

_____ _____
(Company representative signature) (Date)

_____
(Name (please print))

Tompkins County
Vendor Responsibility Form

The Office of the State Comptroller requires that governmental agencies award contracts only to vendors that have been certified as "responsible." Vendor responsibility means that a vendor has the integrity to justify the award of public dollars and the capacity to fully perform the requirements of the contract. It is the contracting agency's responsibility, under Section 163 (9) of the State Finance Law (SFL), to evaluate and make a determination of the responsibility of a prospective contractor. A responsibility determination, wherein the contracting agency determines that it has reasonable assurances that a vendor is responsible, is an important part of the procurement process, promoting fairness in contracting and protecting a contracting agency and the County against failed contracts.

The following factors are to be considered in making a responsibility determination:

1. Legal Authority to do business in New York State
2. Integrity
3. Capacity – both organizational and financial
4. Previous performance

Please complete the following questions. This form **must** be returned with your bid submission in order for your bid to be ruled responsive.

Within the past five (5) years has your firm, any affiliate, any predecessor or company or entity, owner, director, officer, partner or proprietor been the subject of:

ANSWER ALL QUESTIONS

A. An indictment, judgment, conviction, or a grant of immunity, including pending actions, for any business related conduct constituting a crime under governmental law? YES _____ NO _____

B. A government suspension or debarment, rejection of any bid or disapproval of any proposed sub-contract, including pending actions, for lack of responsibility, denial or revocation of prequalification or a voluntary exclusion agreement? YES _____ NO _____

C. Any governmental determination of a violation of any public works law or regulation, or labor law or regulation, or any OSHA violation deemed "serious or willful?" YES _____ NO _____

D. A consent order with NYS Department of Environmental Conservation, or a governmental enforcement determination involving a construction-related violation of federal, state, or local environmental laws? YES _____ NO _____

E. A finding of non-responsibility by a governmental agency or Authority for any reason. YES _____ NO _____

If yes to any of the above, please provide details regarding the finding.

ENTITY MAKING FINDING: _____

YEAR OF FINDING: _____

BASIS OF FINDING: _____

_____

_____

(Attach additional sheets if necessary)

Offerer Certification:

I certify that all information provided to Tompkins County with respect to State Finance Law §139-k is complete, true and accurate.

Name: _____ Title: _____

Company Name: _____

Company Address: _____

Signature: _____

Form **W-9**
(Rev. October 2007)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Give form to the requester. Do not send to the IRS.

Print or type
See **Specific Instructions** on page 2.

Name (as shown on your income tax return)

Business name, if different from above

Check appropriate box: ☐ Individual/Sole proprietor ☐ Corporation ☐ Partnership
☐ Limited liability company. Enter the tax classification (D=disregarded entity, C=corporation, P=partnership) ▶
☐ Other (see instructions) ▶

☐ Exempt payee

Address (number, street, and apt. or suite no.)

Requester's name and address (optional)

City, state, and ZIP code

List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on Line 1 to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Social security number

or

Employer identification number

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
3. I am a U.S. citizen or other U.S. person (defined below).

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the Certification, but you must provide your correct TIN. See the instructions on page 4.

Sign Here **Signature of U.S. person ▶** **Date ▶**

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),

2. Certify that you are not subject to backup withholding, or

3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.

The person who gives Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States is in the following cases:

- The U.S. owner of a disregarded entity and not the entity,

- The U.S. grantor or other owner of a grantor trust and not the trust, and
- The U.S. trust (other than a grantor trust) and not the beneficiaries of the trust.

Foreign person. If you are a foreign person, do not use Form W-9. Instead, use the appropriate Form W-8 (see Publication 515, Withholding of Tax on Nonresident Aliens and Foreign Entities).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items:

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.

2. The treaty article addressing the income.

3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.

4. The type and amount of income that qualifies for the exemption from tax.

5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity not subject to backup withholding, give the requester the appropriate completed Form W-8.

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 28% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN to the requester,

2. You do not certify your TIN when required (see the Part II instructions on page 3 for details),

3. The IRS tells the requester that you furnished an incorrect TIN,

4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or

5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See the instructions below and the separate Instructions for the Requester of Form W-9.

Also see *Special rules for partnerships* on page 1.

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of $50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a $500 penalty.

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Name

If you are an individual, you must generally enter the name shown on your income tax return. However, if you have changed your last name, for instance, due to marriage without informing the Social Security Administration of the name change, enter your first name, the last name shown on your social security card, and your new last name.

If the account is in joint names, list first, and then circle, the name of the person or entity whose number you entered in Part I of the form.

Sole proprietor. Enter your individual name as shown on your income tax return on the "Name" line. You may enter your business, trade, or "doing business as (DBA)" name on the "Business name" line.

Limited liability company (LLC). Check the "Limited liability company" box only and enter the appropriate code for the tax classification ("D" for disregarded entity, "C" for corporation, "P" for partnership) in the space provided.

For a single-member LLC (including a foreign LLC with a domestic owner) that is disregarded as an entity separate from its owner under Regulations section 301.7701-3, enter the owner's name on the "Name" line. Enter the LLC's name on the "Business name" line.

For an LLC classified as a partnership or a corporation, enter the LLC's name on the "Name" line and any business, trade, or DBA name on the "Business name" line.

Other entities. Enter your business name as shown on required federal tax documents on the "Name" line. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on the "Business name" line.

Note. You are requested to check the appropriate box for your status (individual/sole proprietor, corporation, etc.).

Exempt Payee

If you are exempt from backup withholding, enter your name as described above and check the appropriate box for your status, then check the "Exempt payee" box in the line following the business name, sign and date the form.

Generally, individuals (including sole proprietors) are not exempt from backup withholding. Corporations are exempt from backup withholding for certain payments, such as interest and dividends.

Note. If you are exempt from backup withholding, you should still complete this form to avoid possible erroneous backup withholding.

The following payees are exempt from backup withholding:

1. An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2),

2. The United States or any of its agencies or instrumentalities,

3. A state, the District of Columbia, a possession of the United States, or any of their political subdivisions or instrumentalities,

4. A foreign government or any of its political subdivisions, agencies, or instrumentalities, or

5. An international organization or any of its agencies or instrumentalities.

Other payees that may be exempt from backup withholding include:

6. A corporation,

7. A foreign central bank of issue,

8. A dealer in securities or commodities required to register in the United States, the District of Columbia, or a possession of the United States,

9. A futures commission merchant registered with the Commodity Futures Trading Commission,

10. A real estate investment trust,

11. An entity registered at all times during the tax year under the Investment Company Act of 1940,

12. A common trust fund operated by a bank under section 584(a),

13. A financial institution,

14. A middleman known in the investment community as a nominee or custodian, or

15. A trust exempt from tax under section 664 or described in section 4947.

The chart below shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 15.

IF the payment is for . . .	THEN the payment is exempt for . . .
Interest and dividend payments	All exempt payees except for 9
Broker transactions	Exempt payees 1 through 13. Also, a person registered under the Investment Advisers Act of 1940 who regularly acts as a broker
Barter exchange transactions and patronage dividends	Exempt payees 1 through 5
Payments over $600 required to be reported and direct sales over $5,000[1]	Generally, exempt payees 1 through 7[2]

[1] See Form 1099-MISC, Miscellaneous Income, and its instructions.

[2] However, the following payments made to a corporation (including gross proceeds paid to an attorney under section 6045(f), even if the attorney is a corporation) and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, and payments for services paid by a federal executive agency.

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN. However, the IRS prefers that you use your SSN.

If you are a single-member LLC that is disregarded as an entity separate from its owner (see *Limited liability company (LLC)* on page 2), enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN.

Note. See the chart on page 4 for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local Social Security Administration office or get this form online at *www.ssa.gov*. You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at *www.irs.gov/businesses* and clicking on Employer Identification Number (EIN) under Starting a Business. You can get Forms W-7 and SS-4 from the IRS by visiting *www.irs.gov* or by calling 1-800-TAX-FORM (1-800-829-3676).

If you are asked to complete Form W-9 but do not have a TIN, write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note. Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Caution: *A disregarded domestic entity that has a foreign owner must use the appropriate Form W-8.*

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if items 1, 4, and 5 below indicate otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). Exempt payees, see *Exempt Payee* on page 2.

Signature requirements. Complete the certification as indicated in 1 through 5 below.

1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983. You must give your correct TIN, but you do not have to sign the certification.

2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983. You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.

3. Real estate transactions. You must sign the certification. You may cross out item 2 of the certification.

4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).

5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account)	The actual owner of the account or, if combined funds, the first individual on the account [1]
3. Custodian account of a minor (Uniform Gift to Minors Act)	The minor [2]
4. a. The usual revocable savings trust (grantor is also trustee)	The grantor-trustee [1]
b. So-called trust account that is not a legal or valid trust under state law	The actual owner [1]
5. Sole proprietorship or disregarded entity owned by an individual	The owner [3]
For this type of account:	**Give name and EIN of:**
6. Disregarded entity not owned by an individual	The owner
7. A valid trust, estate, or pension trust	Legal entity [4]
8. Corporate or LLC electing corporate status on Form 8832	The corporation
9. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
10. Partnership or multi-member LLC	The partnership
11. A broker or registered nominee	The broker or nominee
12. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity

[1] List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

[2] Circle the minor's name and furnish the minor's SSN.

[3] You must show your individual name and you may also enter your business or "DBA" name on the second name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

[4] List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see *Special rules for partnerships* on page 1.

Note. If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Secure Your Tax Records from Identity Theft

Identity theft occurs when someone uses your personal information such as your name, social security number (SSN), or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- Protect your SSN,
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax preparer.

Call the IRS at 1-800-829-1040 if you think your identity has been used inappropriately for tax purposes.

Victims of identity theft who are experiencing economic harm or a system problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/TDD 1-800-829-4059.

Protect yourself from suspicious emails or phishing schemes. Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to *phishing@irs.gov.* You may also report misuse of the IRS name, logo, or other IRS personal property to the Treasury Inspector General for Tax Administration at 1-800-366-4484. You can forward suspicious emails to the Federal Trade Commission at: *spam@uce.gov* or contact them at *www.consumer.gov/idtheft* or 1-877-IDTHEFT(438-4338).

Visit the IRS website at *www.irs.gov* to learn more about identity theft and how to reduce your risk.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons who must file information returns with the IRS to report interest, dividends, and certain other income paid to you, mortgage interest you paid, the acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA, or Archer MSA or HSA. The IRS uses the numbers for identification purposes and to help verify the accuracy of your tax return. The IRS may also provide this information to the Department of Justice for civil and criminal litigation, and to cities, states, the District of Columbia, and U.S. possessions to carry out their tax laws. We may also disclose this information to other countries under a tax treaty, to federal and state agencies to enforce federal nontax criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism.

You must provide your TIN whether or not you are required to file a tax return. Payers must generally withhold 28% of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to a payer. Certain penalties may also apply.

TYPE 2

TOMPKINS COUNTY INSURANCE AND INDEMNIFICATION

The Successful Bidder Shall Maintain and Agree to the Following:

Contractor shall indemnify, hold harmless and defend Tompkins County, its officers, employees,agents, and elected officials for injury or death to any person or persons or damage to property arising out of the performance of this contract by the Contractor, its employees, subcontractors or agents except all actions and claims arising out of the negligence of Tompkins County. The Contractor shall be fully responsible for the worksite and shall indemnify and hold harmless Tompkins County, its officers, employees, agents, and elected officials from and against any and all claims for injury to persons, including employees of the Contractor or any subcontractor, where such claim asserts that the injury was the result of conditions of the worksite or that Tompkins County, its officers, employees, agents, and elected officials were in any way negligent in the hiring of the Contractor or any subcontractor to do the work or failure to maintain a safe worksite. The Contractor shall maintain the following minimum limits of insurance or as required by law, whichever is greater.

A.) **Workers' Compensation and New York Disability** - Statutory Coverage Employer's Liability - Unlimited.

B.) **Commercial General Liability** including, contractual, independent contractors, products/completed operations - Occurrence Form required.

- Each Occurrence $1,000,000
- General Aggregate 2,000,000
- Products/Completed Operations Aggregate 2,000,000
- Personal and Advertising Injury 1,000,000
- Fire Damage Legal 50,000
- Medical Expense 5,000

- **General Aggregate** shall apply separately to the project prescribed in the contract

- Tompkins County, its officers, employees, agents and elected officials will be included as **Additional Insureds**

- Coverage for the **Explosion, Collapse, and Underground Property Damage** hazards will be provided.

C.) **Business Auto Coverage** - Liability for Owned, Hired and Non-Owned Autos $1,000,000 CSL or 500,000 Per Person BI 1,000,000 Per Accident BI 250,000 PD Split Limits

- Tompkins County and its officers, employees, agents and elected officials are to be included as **Additional Insureds**

D.) **Owners Protective Liability** - Each Occurrence $1,000,000 General Aggregate 2,000,000

All insurance shall be written with insurance carriers licensed by the State of New York Insurance Department and have a Best's rating of A XI or better. Proof of insurance shall be provided on the Tompkins County Certificate of Insurance including the Contract Number. The accord Certificate of Insurance or insurance company certificate may be used for proof of Workers' Compensation and Disability. All Certificates shall contain a sixty (60) day notice of cancellation, non-renewal or material change to Tompkins County. All Certificates must be signed by a licensed agent or authorized representative of the insurance company. Broker signature is not acceptable. Certificates of Insurance shall be submitted with the RFP/bid.

TOMPKINS COUNTY
CERTIFICATE OF INSURANCE

BIDS CANNOT BE ACCEPTED NOR CAN WORK COMMENCE UNTIL THIS CERTIFICATE IS RECEIVED AND ACCEPTED BY COUNTY ADMINISTRATION

	INSURANCE CARRIER:	
INSURED NAME ADDRESS CITY,ST ZIP	A	A.M. BEST RATING:
	B	
PRODUCER NAME ADDRESS CITY, ST ZIP PHONE:	C	
	D	

This certifies that the policies listed below have been issued and are in force at this time.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	EFFECTIVE DATE	EXPIRATION DATE	LIMITS (IN $1,000)
	GENERAL LIABILITY ☐ OCCURRENCE FORM ☐ OTHER	(Certified copy of policy must be submitted if "other)			EACH OCCURRENCE $ GENERAL AGGREGATE $ PRODUCTS-COMP/OP AGG. $ PERSONAL & ADV INJURY $ FIRE DAMAGE (ANY ONE FIRE) $
	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ OWNED AUTOS ☐ HIRED AUTOS ☐ NON-HIRED AUTOS				COMBINED SINGLE LIMIT $ BODILY INJURY (per person) $ BODILY INJURY (per accident) $ PROPERTY DAMAGE $
	EXCESS LIABILITY ☐ UMBRELLA FORM ☐ OTHER THAN UMBRELLA				EACH OCCURRENCE $
	WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY				COVERAGE A STATUTORY COVERAGE B " EACH ACCIDENT $ DISEASE-POLICY LIMIT $
	NYS DISABILITY				STATUTORY
	PROFESSIONAL LIABILITY OR ERRORS/OMISSIONS				$
	OWNERS CONTRACTORS PROTECTIVE LIABILITY				
	OTHER				

Insurance Carriers providing liability coverages acknowledge that the above referenced contract constitutes an "Insured Contract" as defined in their policy. As required by said contract, the County of Tompkins and its officers, employees, agents and elected officials are included as Additional Insureds under each respective policy. Insurance Carriers warrant that no policy will be non-renewed, canceled, or materially changed without thirty (30) days advance notice to County Administration.

Certificate Holder:

TOMPKINS COUNTY ADMINISTRATION
125 EAST COURT STREET
ITHACA, NY 14850

PHONE (607-274-5548 FAX: (607) 274-5558
JKippola@Tompkins-Co.Org

Authorized Representative

Signature

Name

Title Date

BID/PROPOSAL SIGN-OFF SHEET

BID/PROPOSAL TITLE:

Please check off and sign for items below and submit this required sheet with your bid/proposal response; the bid/proposal may be rejected if the required documents are not included with the response.

		DONE	INITIALS
1.	Bid/Proposal completed		
2.	Non-Collusive certificate completed		
3.	Anti-Discrimination clause completed		
4.	Proof of insurance coverage in amounts required by specification signed by insurance agent enclosed		
5.	Addenda (if issued) received		
	List Addendum # and dates		
6.	Vendor Responsibility Form completed		
7.	Agree to all Terms & Conditions as provided within the specifications		
8.	W-9 Taxpayer Identification and Certification		
9.	Bid Sign-Off Form completed		

By signing below the respondent is certifying that:

1. All information provided herein is true and correct to the best of their knowledge.
2. The respondent has read and understands the specifications in their entirety and that the response is made in accordance therewith, and;
3. The respondent possesses the capabilities, resources, and personnel necessary to provide efficient and successful service to the County, and;
4. The respondent will be held responsible for any and all discrepancies, errors, etc. in the discounts or rebates which are discovered during the contract term or up to and including three (3) fiscal years following the County's annual audit.

_____
Name/Title of Authorized Person Submitting Bid

_____
Firm or Corporation Making Bid

_____
Address

_____ _____
Telephone Fax

_____
(Remit to address (if different than above))

_____
Signature of Authorized Person Submitting Bid

IMPORTANT NOTICE

FOR

CONTRACTORS & CONTRACTING AGENCIES

Social Security Numbers on Certified Payrolls

The Department of Labor is cognizant of the concerns of the potential for misuse or inadvertent disclosure of social security numbers. Identity theft is a growing problem and we are sympathetic to contractors' concerns with regard to inclusion of this information on payrolls if another identifier will suffice.

For these reasons, ***the substitution of the use of the last four digits of the social security number on certified payrolls submitted to contracting agencies on public work projects is now acceptable to the Department of Labor.***

NOTE: This change does not affect the Department's ability to request and receive the entire social security number from employers during the course of its public work / prevailing wage investigations.

Construction Industry
Fair Play Act

Required Posting For Labor Law
Article 25-B § 861-d

Construction industry employers must post the "Construction Industry Fair Play Act" notice in a prominent and accessible place on the job site.

Failure to post the notice can result in penalties of up to $1,500 for a first offense and up to $5,000 for a second offense.

The posting is included as part of this wage schedule. Additional copies may be obtained from the NYS DOL website, www.labor.ny.gov.

If you have any questions concerning the Fair Play Act, please call the State Labor Department toll-free at 1-866-435-1499 or email us at: dol.misclassified@labor.state.ny.us .

New York State Department of Labor
Required Notice under Article 25-B of the Labor Law

ATTENTION ALL EMPLOYEES, CONTRACTORS AND SUBCONTRACTORS:
YOU ARE COVERED BY THE
CONSTRUCTION INDUSTRY FAIR PLAY ACT

The law says that you are an employee unless:

- You are free from direction and control in performing your job AND
- You perform work that is not part of the usual work done by the business that hired you AND
- You have an independently established business

Your employer cannot consider you to be an independent contractor unless all three of these facts apply to your work.

IT IS AGAINST THE LAW FOR AN EMPLOYER TO MISCLASSIFY EMPLOYEES AS INDEPENDENT CONTRACTORS OR PAY EMPLOYEES OFF-THE-BOOKS.

Employee rights. If you are an employee:

- You are entitled to state and federal worker protections such as
  - unemployment benefits, if unemployed through no fault of your own, able to work, and otherwise qualified
  - workers' compensation benefits for on-the-job injuries
  - payment for wages earned, minimum wage, and overtime (under certain conditions)
  - prevailing wages on public work projects
  - the provisions of the National Labor Relations Act and
  - a safe work environment
- It is a violation of this law for employers to retaliate against anyone who asserts their rights under the law. Retaliation subjects an employer to civil penalties, a private lawsuit or both.

Independent Contractors: If you are an independent contractor*:*

- You must pay all taxes required by New York State and Federal Law.

Penalties for paying off-the-books or improperly treating employees as independent contractors:

- **Civil Penalty** — First Offense: up to $2,500 per employee.
  Subsequent Offense(s): up to $5,000 per employee.

- **Criminal Penalty** — First Offense: Misdemeanor - up to 30 days in jail, up to a $25,000 fine and debarment from performing Public Work for up to one year.
  Subsequent Offense(s): Misdemeanor - up to 60 days in jail, up to a $50,000 fine and debarment from performing Public Work for up to 5 years.

If you have questions about your employment status or believe that your employer may have violated your rights and you want to file a complaint, call the Department of Labor at 1(866)435-1499 or send an email to dol.misclassified@labor.state.ny.us. All complaints of fraud and violations are taken seriously and you can remain anonymous.

Employer Name:

IA 999 (09/10)

WORKER NOTIFICATION

(Labor Law §220, paragraph a of subdivision 3-a)

Effective February 24, 2008

This provision is an addition to the existing prevailing wage rate law, Labor Law §220, paragraph a of subdivision 3-a. It requires contractors and subcontractors to provide written notice to all laborers, workers or mechanics of the *prevailing wage rate* for their particular job classification *on each pay stub**. It also requires contractors and subcontractors to *post a notice* at the beginning of the performance of every public work contract *on each job site* that includes the telephone number and address for the Department of Labor and a statement informing laborers, workers or mechanics of their right to contact the Department of Labor if he/she is not receiving the proper prevailing rate of wages and/or supplements for his/her particular job classification. The required notification will be provided with each wage schedule, may be downloaded from our website *www.labor.state.ny.us* or made available upon request by contacting the Bureau of Public Work at 518-457-5589.

* In the event that the required information will not fit on the pay stub, an accompanying sheet or attachment of the information will suffice.

(11.11)

New York State Department of Labor
Bureau of Public Work

Attention Employees

THIS IS A:

PUBLIC WORK PROJECT

If you are employed on this project as a **worker, laborer, or mechanic** you are entitled to receive the **prevailing wage and supplements rate** for the classification at which you are working.

Chapter 629 of the Labor Laws of 2007:

These wages are set by law and must be posted at the work site. They can also be found at: www.labor.ny.gov

If you feel that you have not received proper wages or benefits, please call our nearest office.*

Albany	(518) 457-2744	Patchogue	(631) 687-4882
Binghamton	(607) 721-8005	Rochester	(585) 258-4505
Buffalo	(716) 847-7159	Syracuse	(315) 428-4056
Garden City	(516) 228-3915	Utica	(315) 793-2314
New York City	(212) 775-3568	White Plains	(914) 997-9507
Newburgh	(845) 568-5287		

* For New York City government agency construction projects, please contact the Office of the NYC Comptroller at (212) 669-4443, or www.comptroller.nyc.gov – click on Bureau of Labor Law.

Contractor Name: _____

Project Location: _____

OSHA 10-hour Construction

Safety and Health Course – S1537-A

Effective July 18, 2008

This provision is an addition to the existing prevailing wage rate law, Labor Law §220, section 220-h. It requires that on all public work projects of at least $250,000.00, all laborers, workers and mechanics working on the site, be certified as having successfully completed the OSHA 10-hour construction safety and health course. It further requires that the advertised bids and contracts for every public work contract of at least $250,000.00, contain a provision of this requirement.

NOTE: ***The OSHA 10 Legislation only applies to workers on a public work project that are required, under Article 8, to receive the prevailing wage.***

Where to find OSHA 10-hour Construction Course

1. NYS Department of Labor website for scheduled outreach training at:

   www.labor.state.ny.us/workerprotection/safetyhealth/DOSH_ONSITE_CONSULTATION.shtm

2. OSHA Training Institute Education Centers:

   Rochester Institute of Technology OSHA Education Center
   Rochester, NY
   Donna Winter
   Fax (585) 475-6292
   e-mail: dlwtpo@rit.edu
   (866) 385-7470 Ext. 2919
   www.rit.edu/~outreach/course.php3?CourseID=54

   Atlantic OSHA Training Center
   UMDNJ – School of Public Health
   Piscataway, NJ
   Janet Crooks
   Fax (732) 235-9460
   e-mail: crooksje@umdnj.edu
   (732) 235-9455
   https://ophp.umdnj.edu/wconnect/ShowSchedule.awp?~~GROUP~AOTCON~10~

   Atlantic OSHA Training Center
   University at Buffalo
   Buffalo, New York
   Joe Syracuse
   Fax (716) 829-2806
   e-mail:mailto:japs@buffalo.edu
   (716) 829-2125
   http://www.smbs.buffalo.edu/CENTERS/trc/schedule_OSHA.php

   Keene State College
   Manchester, NH
   Leslie Singleton
   e-mail: lsingletin@keene.edu
   (800) 449-6742
   www.keene.edu/courses/print/courses_osha.cfm

3. List of trainers and training schedules for OSHA outreach training at:

   www.OutreachTrainers.org

Requirements for OSHA 10 Compliance

Chapter 282 of the Laws of 2007, codified as Labor Law 220-h took effect on July 18, 2008. The statute provides as follows:

The advertised specifications for every contract for public work of $250,000.00 or more must contain a provision requiring that every worker employed in the performance of a public work contract shall be certified as having completed an OSHA 10 safety training course. The clear intent of this provision is to require that all employees of public work contractors, required to be paid prevailing rates, receive such training "prior to the performing any work on the project."

The Bureau will enforce the statute as follows:

All contractors and sub contractors must attach a copy of proof of completion of the OSHA 10 course to the first certified payroll submitted to the contracting agency and on each succeeding payroll where any new or additional employee is first listed.

Proof of completion may include but is not limited to:

- Copies of bona fide course completion card (*Note: Completion cards do not have an expiration date.*)
- Training roster, attendance record of other documentation from the certified trainer pending the issuance of the card.
- Other valid proof

**A certification by the employer attesting that all employees have completed such a course is not sufficient proof that the course has been completed.

Any questions regarding this statute may be directed to the New York State Department of Labor, Bureau of Public Work at 518-485-5696.

WICKS Reform 2008

(For all contracts advertised or solicited for bid on or after 7/1/08)

- Raises the threshold for public work projects subject to the Wicks Law requiring separate specifications and bidding for the plumbing, heating and electrical work. The total project's threshold would increase from $50,000 to: $3 million in Bronx, Kings, New York, Queens and Richmond counties; $1.5 million in Nassau, Suffolk and Westchester counties; and $500,000 in all other counties.

- For projects below the monetary threshold, bidders must submit a sealed list naming each subcontractor for the plumbing, HVAC and electrical work and the amount to be paid to each. The list may not be changed unless the public owner finds a legitimate construction need, including a change in specifications or costs or use of a Project Labor Agreement (PLA), and must be open to public inspection.

- Allows the state and local agencies and authorities to waive the Wicks Law and use a PLA if it will provide the best work at the lowest possible price. If a PLA is used, all contractors shall participate in apprentice training programs in the trades of work it employs that have been approved by the Department of Labor (DOL) for not less than three years. They shall also have at least one graduate in the last three years and use affirmative efforts to retain minority apprentices. PLA's would be exempt from Wicks, but deemed to be public work subject to prevailing wage enforcement.

- The Commissioner of Labor shall have the power to enforce separate specification requirements on projects, and may issue stop-bid orders against public owners for non-compliance.

- Other new monetary thresholds, and similar sealed bidding for non-Wicks projects, would apply to certain public authorities including municipal housing authorities, NYC Construction Fund, Yonkers Educational Construction Fund, NYC Municipal Water Finance Authority, Buffalo Municipal Water Finance Authority, Westchester County Health Care Association, Nassau County Health Care Corp., Clifton-Fine Health Care Corp., Erie County Medical Center Corp., NYC Solid Waste Management Facilities, and the Dormitory Authority.

- Reduces from 15 to 7 days the period in which contractors must pay subcontractors.

IMPORTANT INFORMATION

Regarding Use of Form PW30R

"Employer Registration for Use of 4 Day / 10 Hour Work Schedule"

To use the '4 Day / 10 Hour Work Schedule':

There MUST be a *Dispensation of Hours (PW30)* in place on the project

AND

You MUST register your intent to work 4 / 10 hour days, by completing the PW30R Form.

REMEMBER…

The '4 Day / 10 Hour Work Schedule' applies ONLY to Job Classifications and Counties listed on the PW30R Form.

Do not write in any additional Classifications or Counties.

(**Please note** : For each Job Classification check the individual wage schedule for specific details regarding their 4/10 hour day posting.)

Instructions for Completing Form PW30R

"Employer Registration for Use of 4 Day / 10 Hour Work Schedule"

Before completing Form PW30R check to be sure …

- There is a *Dispensation of Hours* in place on the project.
- The 4 Day / 10 Hour Work Schedule applies to the Job Classifications you will be using.
- The 4 Day / 10 Hour Work Schedule applies to the County / Counties where the work will take place.

Instructions (Type or Print legibly):

Contractor Information:

- Enter the Legal Name of the business, FEIN, Street Address, City, State, Zip Code; the Company's Phone and Fax numbers; and the Company's email address (if applicable)
- Enter the Name of a Contact Person for the Company along with their Phone and Fax numbers, and the personal email address (if applicable)

Project Information:

- Enter the Prevailing Rate Case number (PRC#) assigned to this project
- Enter the Project Name / Type (i.e. Smithtown CSD – Replacement of HS Roof)
- Enter the Exact Location of Project (i.e. Smithtown HS, 143 County Route #2, Smithtown,NY; Bldgs. 1 & 2)
- If you are a Subcontractor, enter the name of the Prime Contractor for which you work
- On the Checklist of Job Classifications -
  - Go to pages 2 and 3 of the form
  - Place a checkmark in the box to the right of the Job Classification you are choosing
  - Mark all Job Classifications that apply

    ****Do not write in any additional Classifications or Counties.****

Requestor Information:

- Enter the name of the person submitting the registration, their title with the company , and the date the registration is filled out

Return Completed Form:

- **Mail** the completed PW30R form (3 pages) to: NYSDOL Bureau of Public Work, SOBC – Bldg.12 – Rm.130, Albany, NY 12240 -***OR -***
- **Fax** the completed PW30R form (3 pages) to: NYSDOL Bureau of Public Work at (518)485-1870

New York State Department of Labor
Bureau of Public Work
W. Averell Harriman State Office Campus
Building 12 - Room 130
Albany, New York 12240
Phone - (518) 457-5589 Fax - (518) 485-1870

Employer Registration for Use of 4 Day / 10 Hour Work Schedule

Before completing Form PW30R check to be sure …
There is a *Dispensation of Hours* in place on the project.
The 4 Day / 10 Hour Work Schedule applies to the Job Classifications you will be using.
The 4 Day / 10 Hour Work Schedule applies to the County / Counties where the work will take place.

Please Type or Print the Requested Information

When completed …
Mail to NYSDOL Bureau of Public Work, SOBC, Bldg. 12, Rm.130, Albany, NY 12240
-or-
Fax to NYSDOL Bureau of Public Work at (518) 485-1870

Contractor Information

Company Name: _____ FEIN: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone Number _____ Fax Number: _____ Email Address: _____

Contact Person: _____

Phone No: _____ Fax No: _____ Email: _____

Project Information

Project PRC#: _____ Project Name/Type: _____

Exact Location of Project: _____ County: _____

(If you are Subcontractor)
Prime Contractor Name: _____

Job Classification(s) to Work 4/10 Schedule: *(Choose all that apply on Job Classification Checklist - Pages 2 & 3)*
**** Do not write in any additional Classifications or Counties****

Requestor Information

Name: _____

Title: _____ Date : _____

Job Classification Checklist

(Place a checkmark by all classifications that will be using the 4/10 schedule)

**** Do not write in any additional Classifications or Counties****

Job Classification	Tag #	Entire Counties	Partial Counties	Check Box
Carpenter-Building	276B-All	Allegany, Cattaraugus, Chautauqua		☐
Carpenter-Building	276B-Cat	Cattaraugus, Erie		☐
Carpenter - Building	276-B-DW-LIV	Livingston, Monroe, Ontario, Wayne	Wyoming	☐
Carpenter-Building	276B-Gen	Genesee, Niagara, Orleans, Wyoming		☐
Carpenter-Floor Layers	276B-FL-Liv	Livingston, Monroe, Ontario, Wayne	Wyoming	☐
Carpenter-Heavy&Highway	276HH-All	Allegany, Cattaraugus, Chautauqua		☐
Carpenter-Heavy&Highway	276HH-All	Erie		☐
Carpenter-Heavy&Highway	276HH-All	Genesee, Niagara, Orleans, Wyoming		☐
Carpenter-Heavy&Highway	276HH-Liv	Livingston, Monroe, Ontario, Wayne		☐
Carpenter-Residential	276R-All	Allegany, Cattaraugus, Chautauqua		☐
Carpenter - Building	277B-CAY	Cayuga, Seneca, Yates		☐
Carpenter - Building	277B-CS	Allegany, Chemung, Cortland, Schuyler, Tompkins		☐
Carpenter - Building	277 JLS	Jefferson, Lewis, St. Lawrence		☐
Carpenter - Building	277 omh	Herkimer, Madison, Oneida		☐
Carpenter - Building	277 On	Onondaga		☐
Carpenter - Building	277 Os	Oswego		☐
Carpenter - Building/Heavy&Highway	277CDO	Chenango, Delaware, Otsego		☐
Carpenter - Heavy/Highway	277HH-BRO	Broome,Cortland, Schuyler, Tioga, Tompkins		☐
Carpenter - Heavy/Highway	277-HH-CAY	Cayuga, Seneca, Yates		☐
Carpenter - Heavy/Highway	277 oneida	Herkimer, Jefferson, Lewis, Madison, Oneida, Onondaga, Oswego, St. Lawrence		☐
Carpenter - Building	291B-Alb	Albany, Fulton, Greene, Montgomery, Rensselaer, Schenectady, Schoharie		☐
Carpenter - Building	291B-Cli	Clinton, Essex, Franklin		☐
Carpenter - Building	291B-Ham	Hamilton, Warren, Washington		☐
Carpenter - Building	291B-Sar	Saratoga		☐

Job Classification Checklist

(Place a checkmark by all classifications that will be using the 4/10 schedule)

**** Do not write in any additional Classifications or Counties****

Job Classification	Tag #	Entire Counties	Partial Counties	Check Box
Carpenter - Heavy&Highway	291HH-Sar	Saratoga		☐
Carpenter - Heavy&Highway	291HH-Alb	Albany, Fulton, Greene, Montgomery, Rensselaer, Schenectady, Schoharie		☐
Carpenter - Heavy&Highway	291HH-Alb	Clinton, Essex, Franklin, Hamilton, Warren, Washington		☐
Carpenter - Building	276B-All	Chautauqua	Allegany, Cattaraugus	☐
Carpenter - Heavy&Highway	276HH-All	Allegany, Chautauqua	Cattaraugus	☐
Carpenter - Heavy&Highway	276HH-All	Erie	Cattaraugus	☐
Electrician	25m	Nassau, Suffolk		☐
Electrician-Teledata Cable Splicer	43	Cortland, Herkimer, Madison, Oneida, Onondaga, Oswego,	Cayuga, Chenango, Onondaga, Otsego, Tompkins, Wayne	☐
Electrician	86	Livingston, Monroe	Genesee, Ontario, Orleans, Wayne, Wyoming	☐
Electrician	840Teledata and 840 Z1	Cayuga	Onondaga, Ontario, Seneca, Wayne, Yates	☐
Electrician	910	Clinton, Essex, Franklin, Jefferson, Lewis, St. Lawrence		☐
Electrician Lineman	1049Line/Gas	Nassau, Queens, Suffolk		☐
Electrician Lineman	1249a	Albany, Allegany, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Montgomery, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Rensselaer, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Wyoming, Yates		☐
Electrical Lineman	1249a West	Westchester		☐

Job Classification Checklist

(Place a checkmark by all classifications that will be using the 4/10 schedule)

**** Do not write in any additional Classifications or Counties****

Job Classification	Tag #	Entire Counties	Partial Counties	Check Box
Electrical Lineman	1249LT	Albany, Allegany, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Montgomery, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Rensselaer, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Wyoming, Yates		☐
Electrical Lineman	1249REG8LT	Columbia, Dutchess, Orange, Putnam, Rockland, Ulster		☐
Electrical Lineman	1249aWestLT	Westchester		☐
Elevator Constructor	138	Columbia, Dutchess, Greene, Orange, Putnam, Sullivan, Ulster	Delaware, Rockland, Westchester	☐
Elevator Constructor	14	Allegany, Cattaraugus, Chautauqua, Erie, Genesee, Niagara, Orleans, Wyoming		☐
Elevator Constructor	27	Chemung, Livingston, Monroe, Ontario, Schuyler, Seneca, Steuben, Wayne, Yates		☐
Elevator Constructor	35	Albany, Clinton, Essex, Fulton, Hamiliton, Herkimer, Montgomery, Otsego, Rensselaer, Saratoga, Schenectady, Schoharie, Warren, Washington		☐
Elevator Constructor	62.1	Broome, Cayuga, Chenango, Cortland, Jefferson, Lewis, Madison, Oneida, Onondaga, Oswego, St. Lawrence, Tioga, Tompkins	Delaware, Franklin	☐
Glazier	660r	Allegany, Cattaraugus, Chautaugua, Erie, Genesee, Niagara, Orleans, Wyoming		☐
Glazier	660	Allegany, Cattaraugus, Chautaugua, Erie, Genesee, Niagara, Orleans, Wyoming		☐

Job Classification Checklist

(Place a checkmark by all classifications that will be using the 4/10 schedule)

**** Do not write in any additional Classifications or Counties****

Job Classification	**Tag #**	**Applicable Counties**	Partial Counties	**Check Box**
Glazier	677.1	Jefferson, Lewis, Livingston, Monroe, Ontario, Seneca, St. Lawrence, Wayne, Yates		☐
Glazier	677Z-2	Cayuga, Cortland, Herkimer, Madison, Oneida, Onondaga, Oswego		☐
Glazier	677z3	Broome, Chemung, Chenango, Delaware, Otsego, Schuyler, Steuben, Tioga, Tompkins		☐
Glazier	677r.2	Cayuga, Cortland, Herkimer, Madison, Oneida, Onondaga, Oswego		☐
Insulator - Heat & Frost	30-Syracuse	Broome, Cayuga, Chemung, Chenango, Cortland, Herkimer, Jefferson, Lewis, Madison, Oneida, Onondaga, Oswego, Otsego, Schuyler, Seneca, St. Lawrence, Tioga, Tompkins		☐
Laborer - Building	621b	Allegany, Cattaraugus, Chautauqua	Cattaraugus	☐
Laborer - Residential	621r	Allegany, Cattaraugus, Chautauqua	Cattaraugus	☐
Mason-Building	3B-Z1	Genesee, Livingston, Monroe, Ontario, Seneca, Wayne, Wyoming, Yates		☐
Mason-Building	3B-Bing-Z2	Broome, Chenango, Delaware, Otsego, Tioga		☐
Mason-Building	3B-Jam-Z2	Allegany, Cattaraugus, Chautauqua		☐
Mason-Building	3-Co-Z2	Allegany, Chemung, Schuyler, Steuben		☐
Mason-Building	3B-Ith-Z2	Cortland, Tompkins		☐
Mason-Building	3B-Z3	Cattaraugus, Erie, Niagara, Orleans		☐
Mason-Building-Residential	3B-Z1R	Geneseo, Livingston, Monroe, Ontario, Seneca, Wayne, Wyoming, Yates		☐
Mason-Building-Residential	3B-Jam-Z2R	Allegany, Broome, Cattaraugus, Chemung, Chautauqua, Chenango, Cortland, Otsego, Delaware, Schuyler, Steuben, Tioga, Tompkins		☐

Job Classification Checklist

(Place a checkmark by all classifications that will be using the 4/10 schedule)

**** Do not write in any additional Classifications or Counties****

Job Classification	Tag #	Applicable Counties	Partial Counties	Check Box
Mason-Building-Residential	3B-Z3R	Cattaraugus, Erie, Niagara, Orleans		☐
Mason-Heavy Highway	3h	Allegeny, Broome, Cattaraugus, Chemung, Chautauqua, Chenango, Cortland, Erie, Delaware, Genesee, Livingston, Monroe, Niagara, Ontario, Orleans, Otsego, Schuyler, Seneca, Steuben, Tioga, Tompkin, Wayne, Wyoming, Yates		☐
Mason-Tile Finisher	3TF-Z1	Genesee, Livingston, Monroe, Ontario, Seneca, Wayne, Wyoming, Yates		☐
Mason-Tile Finisher	3TF-Z2	Allegeny, Broome, Cattaraugus, Chemung, Chautauqua, Chenango, Cortland, Delaware, Otsego, Schuyler, Steuben, Tioga, Tompkins		☐
Mason-Tile Finisher	3TF-Z3	Cattaraugus, Erie, Niagara, Orleans		☐
Mason-Tile Finisher	3TF-Z1R	Genesee, Livingston, Monroe, Ontario, Seneca, Wayne, Wyoming, Yates		☐
Mason-Tile Finisher	3TF-Z2R	Allegany, Broome, Cattaraugus, Chenango, Chautauqua, Cortland, Delaware, Otsego, Schuyler, Steuben, Tioga, Tompkins		☐
Mason-Tile Finisher	3TF-Z3R	Cattaraugus, Erie, Niagara, Orleans		☐
Mason-Tile Setter	3TS-Z1	Genesee, Livingston, Monroe, Ontario, Seneca, Wayne, Wyoming, Yates		☐
Mason-Tile Setter	3TS-Z2	Allegany, Broome, Cattaraugus, Chemung, Chautauqua, Chenango, Cortland, Delaware, Otsego, Schuyler, Steuben, Tioga, Tompkins		☐
Mason Tile Setter	3TS-Z3	Cattaraugus, Erie, Niagara, Orleans		☐
Mason-Tile Setter Residential	3TS-Z1R	Genesee, Livingston, Monroe, Ontario, Seneca, Wayne, Wyoming, Yates		☐
Mason-Tile Setter Residential	3TS-Z2R	Allegany, Broome, Cattaraugus, Chemung, Chautauqua, Chenango, Cortland, Delaware, Otsego, Schuyler, Steuben, Tioga, Tompkins		☐
Mason-Tile Setter Residential	3TS-Z3R	Cattaraugus, Erie, Niagara, Orleans		☐
Mason - Building/Heavy&Highway	780	Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk		☐
Operating Engineer - Heavy/Highway	137H/H	Putnam, Westchester	Dutchess	☐
Operating Engineer - Heavy& Highway	832H	Allegany, Chemung, Genesee, Livingston, Monroe, Ontario, Schuyler, Steuben, Wayne, Yates	Genesee	☐
Painter	150	Livingston, Monroe, Ontario, Wayne, Yates	Livingston, Ontario	☐

Job Classification Checklist

(Place a checkmark by all classifications that will be using the 4/10 schedule)

**** Do not write in any additional Classifications or Counties****

Job Classification	**Tag #**	**Applicable Counties**	Partial Counties	**Check Box**
Painter	178 B	Broome, Chenango, Tioga		☐
Painter	178 E	Chemung, Schuyler, Steuben	Steuben	☐
Painter	178 O	Delaware, Otsego		☐
Painter	31	Cayuga, Herkimer, Lewis, Madison, Oneida, Onondaga, Ontario, Oswego, Seneca	Lewis, Ontario, Oswego	☐
Painter	38.O	Oswego	Oswego	☐
Painter	4-Buf,Nia,Olean	Allegany, Cattaraugus, Chautauqua, Erie, Genesee, Livingston, Niagara, Orleans, Steuben, Wyoming	Cattaraugus, Chautauqua, Livingston, Steuben	☐
Painter	4-Jamestown	Cattaraugus, Chautauqua	Cattaraugus, Chautauqua	☐
Sheetmetal Worker	46	Livingston, Monroe, Ontario, Seneca, Wayne, Yates		☐
Teamsters-Heavy&Highway	294h/h	Albany, Columbia, Fulton, Greene, Montgomery, Rensselaer, Saratoga, Schenectady, Schoharie, Warren, Washington		☐
Teamsters-Heavy&Highway	317bhh	Allegany, Cayuga, Cortland, Seneca, Steuben, Tompkins, Wayne,Yates		☐
Teamsters-Heavy&Highway	693bhh	Broome, Chenango, Delaware, Otsego, Tioga		☐
Teamsters-Building/Heavy&Highway	456	Putnam, Westchester		☐

Introduction to the Prevailing Rate Schedule

Information About Prevailing Rate Schedule

This information is provided to assist you in the interpretation of particular requirements for each classification of worker contained in the attached Schedule of Prevailing Rates.

Classification

It is the duty of the Commissioner of Labor to make the proper classification of workers taking into account whether the work is heavy and highway, building, sewer and water, tunnel work, or residential, and to make a determination of wages and supplements to be paid or provided. It is the responsibility of the public work contractor to use the proper rate. If there is a question on the proper classification to be used, please call the district office located nearest the project. District office locations and phone numbers are listed below.

Prevailing Wage Schedules are issued separately for "General Construction Projects" and "Residential Construction Projects" on a county-by-county basis.

General Construction Rates apply to projects such as: Buildings, Heavy & Highway, and Tunnel and Water & Sewer rates.

Residential Construction Rates generally apply to construction, reconstruction, repair, alteration, or demolition of one family, two family, row housing, or rental type units intended for residential use.

Some rates listed in the Residential Construction Rate Schedule have a very limited applicability listed along with the rate. Rates for occupations or locations not shown on the residential schedule must be obtained from the General Construction Rate Schedule. Please contact the local Bureau of Public Work office before using Residential Rate Schedules, to ensure that the project meets the required criteria.

Paid Holidays

Paid Holidays are days for which an eligible employee receives a regular day's pay, but is not required to perform work. If an employee works on a day listed as a paid holiday, this remuneration is in addition to payment of the required prevailing rate for the work actually performed.

Overtime

At a minimum, all work performed on a public work project in excess of eight hours in any one day or more than five days in any workweek is overtime. However, the specific overtime requirements for each trade or occupation on a public work project may differ. Specific overtime requirements for each trade or occupation are contained in the prevailing rate schedules.

Overtime holiday pay is the premium pay that is required for work performed on specified holidays. It is only required where the employee actually performs work on such holidays.

The applicable holidays are listed under HOLIDAYS: OVERTIME. The required rate of pay for these covered holidays can be found in the OVERTIME PAY section listings for each classification.

Supplemental Benefits

Particular attention should be given to the supplemental benefit requirements. Although in most cases the payment or provision of supplements is for each hour worked, some classifications require the payment or provision of supplements for each hour paid (including paid holidays on which no work is performed) and/or may require supplements to be paid or provided at a premium rate for premium hours worked.

Effective Dates

When you review the schedule for a particular occupation, your attention should be directed to the dates above the column of rates. These are the dates for which a given set of rates is effective. The rate listed is valid until the next effective rate change or until the new annual determination which takes effect on July 1 of each year. All contractors and subcontractors are required to pay the current prevailing rates of wages and supplements. If you have any questions please contact the Bureau of Public Work or visit the New York State Department of Labor website (www.labor.state.ny.us) for current wage rate information.

Apprentice Training Ratios

The following are the allowable ratios of registered Apprentices to Journey-workers.

For example, the ratio 1:1,1:3 indicates the allowable initial ratio is one Apprentice to one Journeyworker. The Journeyworker must be in place on the project before an Apprentice is allowed. Then three additional Journeyworkers are needed before a second Apprentice is allowed. The last ratio repeats indefinitely. Therefore, three more Journeyworkers must be present before a third Apprentice can be hired, and so on.

Please call Apprentice Training Central Office at (518) 457-6820 if you have any questions.

Title (Trade)	Ratio
Boilermaker (Construction)	1:1,1:4
Boilermaker (Shop)	1:1,1:3
Carpenter (Bldg.,H&H, Pile Driver/Dockbuilder)	1:1,1:4
Carpenter (Residential)	1:1,1:3
Electrical (Outside) Lineman	1:1,1:2

Electrician (Inside)	1:1,1:3
Elevator/Escalator Construction & Modernizer	1:1,1:2
Glazier	1:1,1:3
Insulation & Asbestos Worker	1:1,1:3
Iron Worker	1:1,1:4
Laborer	1:1,1:3
Mason	1:1,1:4
Millwright	1:1,1:4
Op Engineer	1:1,1:5
Painter	1:1,1:3
Plumber & Steamfitter	1:1,1:3
Roofer	1:1,1:2
Sheet Metal Worker	1:1,1:3
Sprinkler Fitter	1:1,1:2

If you have any questions concerning the attached schedule or would like additional information, please contact the nearest BUREAU of PUBLIC WORK District Office or write to:

New York State Department of Labor
Bureau of Public Work
State Office Campus, Bldg. 12
Albany, NY 12240

District Office Locations:	Telephone #	FAX #
Bureau of Public Work - Albany	518-457-2744	518-485-0240
Bureau of Public Work - Binghamton	607-721-8005	607-721-8004
Bureau of Public Work - Buffalo	716-847-7159	716-847-7650
Bureau of Public Work - Garden City	516-228-3915	516-794-3518
Bureau of Public Work - Newburgh	845-568-5287	845-568-5332
Bureau of Public Work - New York City	212-775-3568	212-775-3579
Bureau of Public Work - Patchogue	631-687-4882	631-687-4904
Bureau of Public Work - Rochester	585-258-4505	585-258-4708
Bureau of Public Work - Syracuse	315-428-4056	315-428-4671
Bureau of Public Work - Utica	315-793-2314	315-793-2514
Bureau of Public Work - White Plains	914-997-9507	914-997-9523
Bureau of Public Work - Central Office	518-457-5589	518-485-1870

Tompkins County General Construction

Boilermaker 06/01/2014

JOB DESCRIPTION Boilermaker **DISTRICT** 6

ENTIRE COUNTIES
Cayuga, Clinton, Cortland, Franklin, Jefferson, Lewis, Madison, Oneida, Onondaga, Oswego, Seneca, St. Lawrence, Tompkins

WAGES

Per hour:	07/01/2013	01/01/2014
Boilermaker	$ 29.00	$ 29.13

SUPPLEMENTAL BENEFITS

Per hour paid:		
Journeyman	$ 23.39	$ 24.41

*IMPORTANT NOTE (Portion of supplemental benefits per hour paid at same premium as shown for overtime.)

Journeyman	$ 22.20*	$ 23.22*

OVERTIME PAY
See (B,E,Q) on OVERTIME PAGE.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 15, 25) on HOLIDAY PAGE
Note: When a holiday falls on Sunday, the day observed by the State or Nation shall be observed. When Christmas Day and New Year's fall on Saturday, Friday will be observed as the holiday.

REGISTERED APPRENTICES
WAGES per hour:

Six month terms at the following percentage of Journeyman's wage.

	1st 65%	2nd 65%	3rd 70%	4th 75%	5th 80%	6th 85%	7th 90%	8th 95%
07/01/2013	$18.85	$18.85	$20.30	$21.75	$23.20	$24.65	$26.10	$27.55
01/01/2014	18.93	18.93	20.39	21.85	23.30	24.76	26.22	27.67

SUPPLEMENTAL BENEFITS per hour paid:

	1st	2nd	3rd	4th	5th	6th	7th	8th
07/01/2013	$18.07	$18.07	$18.83	$19.59	$20.34	$21.11	$21.88	$22.64
01/01/2014	18.73	18.73	19.54	20.35	21.15	21.98	22.80	23.61

*IMPORTANT NOTE (Portion of supplemental benefits per hour paid at same premium as shown for overtime.)

	1st	2nd	3rd	4th	5th	6th	7th	8th
07/01/2013	$16.88*	$16.88*	$17.64*	$18.40*	$19.15*	$19.92*	$20.69*	$21.45*
01/01/2014	17.54*	17.54*	18.35*	19.16*	19.96*	20.79*	21.61*	22.42*

6-175

Carpenter - Building 06/01/2014

JOB DESCRIPTION Carpenter - Building **DISTRICT** 2

ENTIRE COUNTIES
Chemung, Cortland, Schuyler, Steuben, Tompkins

PARTIAL COUNTIES
Allegany: Only the Township of Alfred.

WAGES

Per hour:	07/01/2013	06/01/2014 *Additional
Carpenter	$25.75	$1.52
Floorlayer	25.75	1.52
Piledriver	26.00	1.52

Certified Welder**	26.75	1.52
Hazardous Waste Worker	27.25	1.52
Diver - Wet Day***	61.25	
Diver - Dry Day	26.75	1.52
Dive Tender	26.75	1.52

*To be allocated at a later date.
**When the employee is required to be certified and performs DOT or ABS specified welding work.

Four (4), ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.

***Depth pay:	0' to 80'	no additional fee
	81' to 100'	Additional $0.50 per foot
	101' to 150'	Additional $0.75 per foot
	151' and deeper	Additional $1.25 per foot
***Penetration pay:	0 to 50'	No additional fee
	51' to 100'	Additional $0.75 per foot
	101' and deeper	Additional $1.00 per foot

Diver Note: Diver rate applies to all hours worked on the day of the dive. The deepest dive of the day shall constitute the depth pay.

SUPPLEMENTAL BENEFITS

Per hour worked:	07/01/2013
Journeymen	$17.50

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY

Paid:	See (1) on HOLIDAY PAGE
Overtime:	See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
WAGES: One year terms at the following percentage of Journeyman's wage.

1st.	2nd.	3rd.	4th.
50%	60%	70%	80%

SUPPLEMENTAL BENEFITS per hour worked:

Appr 1st term	$9.25
Appr 2nd term	9.25
Appr 3rd term	11.85
Appr 4th term	11.85

2-277B-CS

Carpenter - Building / Heavy&Highway 06/01/2014

JOB DESCRIPTION Carpenter - Building / Heavy&Highway **DISTRICT** 1

ENTIRE COUNTIES
Albany, Allegany, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Montgomery, Niagara, Oneida, Onondaga, Ontario, Orleans, Oswego, Otsego, Rensselaer, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Wyoming, Yates

WAGES
Wages per hour:

	07/01/2013	07/01/2014 An Additional
Carpenter - ONLY for Artificial Turf/Synthetic Sport Surface Installer	$ 27.96	$ 0.73*

Note - Does not include the operation of equipment. Please see Operating Engineers rates.

(*)To be allocated at a later date.

SUPPLEMENTAL BENEFITS
Per hour Paid:

	07/01/2013
Journeyman	$ 18.14

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (2, 17) on HOLIDAY PAGE
Overtime: See (5, 6, 16) on HOLIDAY PAGE
Notes:
When a holiday falls upon a Saturday, it shall be observed on the preceding Friday. Whan a holiday falls upon a Sunday, it shall be observed on the following Monday.
An employee taking an unexcused day off the regularly scheduled day before or after a paid Holiday shall not receive Holiday pay.

REGISTERED APPRENTICES
Wages per hour:

One year terms at the following percentage of Journeyman's wage:

1st	2nd	3rd	4th
50%	60%	70%	80%

Supplemental Benefits per hour paid:

	07/01/2013
Carpenter	
1st year term	$ 9.29
2nd year term	9.29
3rd year term	11.89
4th year term	11.89

1-42AtSS

Carpenter - Heavy&Highway 06/01/2014

JOB DESCRIPTION Carpenter - Heavy&Highway **DISTRICT** 2

ENTIRE COUNTIES
Broome, Cortland, Schuyler, Tioga, Tompkins

WAGES
Per hour:

	07/01/2013	07/01/2014 *Additional
Carpenter	$27.88	$0.96
Certified Welder	29.13	0.96
Diver - Dry Day	28.88	0.96
Diver - Wet Day**	62.50	
Effluent & Slurry Diver - Wet Day**	93.75	
Dive Tender	28.88	0.96
Hazardous Worker***	29.88	0.96
Millwright	29.13	0.96
Piledriver	27.88	0.96

*To be allocated at a later date

**Depth pay for divers:	0' to 80'	no additional fee
	81' to 100'	additional $.50 per foot
	101' to 150'	additional $0.75 per foot
	151' and deeper	additional $1.25 per foot
**Penetration pay:	0' to 50'	no additional fee
	51' to 100'	additional $.75 per foot
	101' and deeper	additional $1.00 per foot

***When an employee performs work on a hazardous waste site, that is State and/or Federally designated as such, and where relevant State and/or Federal regulations require employees to be furnished and those employees use or wear required forms of personal protection.

Four (4), ten (10) hour days may be worked at straight time during a week, Monday thru Friday, provided the project duration is more than forty (40) hours.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.

SUPPLEMENTAL BENEFITS

Per hour worked:	07/01/2013
Journeyman	$17.95

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid:	See (2, 17) on HOLIDAY PAGE
Overtime:	See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
WAGES: One year terms at the following percentage of Journeyman's wage.*

1st	2nd	3rd	4th
50%	60%	70%	80%

*On projects for removal and/or abatement of asbestos or any toxic or hazardous material and it is required by the employer or mandated by NYS or Federal Regulations to wear protective equipment, an additional $1.50 per hour above their appropriate rate shall be paid to apprentices.

SUPPLEMENTAL BENEFITS per hour worked:

1st year term	$9.25
2nd year term	9.25
3rd year term	11.85
4th year term	11.85

2-277HH-Bro

Electrician 06/01/2014

JOB DESCRIPTION Electrician **DISTRICT** 6

ENTIRE COUNTIES

PARTIAL COUNTIES
Cayuga: Only the Township of Genoa.
Schuyler: Only the Townships of Cayuta, Catherine, and Hector.
Seneca: Only the Townships of Lodi and Covert.
Tioga: Only the Townships of Spencer and Candor.
Tompkins: Entire county except the Township of Groton.

WAGES

Per hour:	07/01/2013	06/01/2014 *Additional
Electrician	$31.90	$1.15

*To be allocated at a later date.

Additional $1.00 per hour for work from trusses, scaffolds, frames, ladders, etc. 40 feet or more from ground floor or in underground mines or tunnels. Work done from personal lift equipment that complies with OSHA requirements are excluded.

Additional $2.00 per hour when required to work under compressed air, on radio towers, on asbestos abatement projects which require the use of a respirator, work of a hazardous nature, work where gas masks are required or work requiring use of protective arc flash suits.

NOTE: THE FOLLOWING RATES WILL APPLY ON ALL CONTRACTING AGENCY MANDATED MULTIPLE SHIFTS OF EIGHT (8) HOURS FOR AT LEAST (5) DAYS DURATION WORKED. WHEN TWO (2) SHIFTS OR THREE (3) SHIFTS ARE WORKED:

1ST SHIFT	8:00 AM to 4:30 PM	$31.90
2ND SHIFT	4:30 PM to 12:30 AM	37.42
3RD SHIFT	12:30 AM to 8:30 PM	41.92

SUPPLEMENTAL BENEFITS
Per hour worked:

Journeyman	$23.05 plus 3% of hourly wage paid

NOTE: The 3% is based on the hourly wage paid, straight time rate or premium rate.

OVERTIME PAY
See (B, Q) on OVERTIME PAGE
On Saturday the first 8 hours worked are at 1 1/2 times the rate. All additional hours are at 2 times the rate.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
WAGES: Half year terms at the following percentage of Journeyman's wage.

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
45%	45%	55%	55%	65%	65%	75%	75%	85%	85%
$14.36	$14.36	$17.55	$17.55	$20.74	$20.74	$23.93	$23.93	$27.12	$27.12

SUPPLEMENTAL BENEFITS per hour worked:

1st thru 4th terms	$ 10.30	Plus 3% of hourly wage paid (for all terms).
5th & 6th terms	17.62	SEE NOTE ABOVE
7th & 8th terms	18.74	
9th & 10th terms	19.86	

6-241

Electrician 06/01/2014

JOB DESCRIPTION Electrician **DISTRICT** 6

ENTIRE COUNTIES
Cortland, Herkimer, Madison, Oneida, Oswego

PARTIAL COUNTIES
Cayuga: Townships of Ira, Locke, Sempronius, Sterling, Summerhill and Victory.
Chenango: Only the Townships of Columbus, New Berlin and Sherburne.
Onondaga: Entire County except Townships of Elbridge and Skaneateles.
Otsego: Only the Townships of Plainfield, Richfield, Springfield, Cherry Hill, Roseboom, Middlefield, Otsego, Exeter, Edmeston, Burlington, Pittsfield and New Lebanon.
Tompkins: Only the Township of Groton.
Wayne: Only the Townships of Huron, Wolcott, Rose and Butler.

WAGES

Per hour:	07/01/2013	06/01/2014
Electrician	$33.25	$34.65
Cable Splicer	36.58	38.12
Teledata	33.25	34.65

NOTES:
THE FOLLOWING RATES WILL APPLY ON ALL CONTRACTING AGENCY MANDATED MULTIPLE SHIFTS OF EIGHT (8) HOURS FOR AT LEAST FIVE (5) DAYS DURATION WHICH MAY HAVE BEEN WORKED. WHEN TWO (2) SHIFTS OR THREE (3) SHIFTS ARE WORKED:

1st Shift - 8:00 AM to 4:30 PM: See rates posted above
2nd Shift - 4:30 PM to 1:00 AM: Add 15% to rates posted above
3rd Shift - 12:30 AM to 9:00 AM: Add 25% to rates posted above

OCCUPIED CONDITIONS: WHEN NECESSARY TO PERFORM ALTERATION AND/OR RENOVATION WORK AND OWNER MANDATES (DUE TO OCCUPIED CONDITIONS) PREVENT THE WORK FROM BEING PERFORMED DURING "NORMAL" WORKING HOURS (DEFINED AS BETWEEN 6:00 AM AND 4:30 PM MONDAY THROUGH FRIDAY), ALTERNATE HOURS MAY BE WORKED PROVIDED: 1) THE HOURS ARE ESTABLISHED FOR A MINIMUM OF FIVE (5) DAYS DURATION OR THE LENGTH OF THE JOB WHICHEVER IS SHORTER; AND 2) AN ENTIRE WORK SCOPE WITHIN A JOBSITE AREA IS PERFORMED UTILIZING THE VARIED HOURS.IF THESE CONDITIONS ARE SATSFIED, ALL HOURS WORKED MONDAY THROUGH FRIDAY OF A SHIFT THAT STARTS BEFORE OR ENDS AFTER THE "NORMAL" HOURS, SHALL BE PAID AT THE APPROPRIATE RATE PLUS FIFTEEN PERCENT (15%). HOWEVER, THE FOLLOWING RESTRICTIONS SHALL APPLY:

1) "ALTERNATE" HOURS SHALL CONSIST OF A MINIMUM OF EIGHT CONSECUTIVE HOURS PER DAY
2) HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY, MONDAY THROUGH FRIDAY, SHALL BE PAID AT A RATE OF ONE AND ONE-HALF TIMES THE APPLICABLE RATE (DAY-SHIFT + 15%)
3) HOURS WORKED ON SATURDAY SHALL BE PAID AT TIME AND ONE-HALF THE APPLICABLE RATE.
4) HOURS WORKED ON A SUNDAY AND HOLIDAYS SHALL BE PAID AT DOUBLE THE STRAIGHT TIME RATE.

5) WORK OF A NEW CONSTRUCTION NATURE MAY NOT BE WORKED UNDER THESE CONDITIONS.

** IMPORTANT NOTICE - EFFECTIVE 04/01/2009 **
Four (4), ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.

SUPPLEMENTAL BENEFITS

Per hour worked:	07/01/2013	06/01/2014
Journeyman	$20.17 plus *3% of hourly wage paid	$20.72 plus *3% of hourly wage paid

*NOTE: The 3% is based on the hourly wage paid, straight time or premium rate.

OVERTIME PAY
See (B,E**,Q) on OVERTIME PAGE
** Double Time after 10 hrs. on Saturday.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
WAGES at the following percentage of Journeyman's wage.

1st Period (0-1000 hrs)	40%	4th Period (3501-5000 hrs)	60%
2nd Period (1001-2000 hrs)	45%	5th Period (5001-6500 hrs)	70%
3rd Period (2001-3500 hrs)	50%	6th Period (6501-8000 hrs)	80%

SUPPLEMENTAL BENEFITS per hour worked:

1st period	$9.89 plus *3% of hourly wage paid	4th period	$19.29 plus *3% of hourly wage paid
2nd period	$9.89 plus *3% of hourly wage paid	5th period	$19.51 plus *3% of hourly wage paid
3rd period	$19.07 plus *3% of hourly wage paid	6th period	$19.73 plus *3% of hourly wage paid

*NOTE: The 3% is based on the hourly wage paid, straight time rate or premium rate.

6-43

Elevator Constructor 06/01/2014

JOB DESCRIPTION Elevator Constructor **DISTRICT** 6

ENTIRE COUNTIES
Broome, Cayuga, Chenango, Cortland, Franklin, Jefferson, Lewis, Madison, Oneida, Onondaga, Oswego, St. Lawrence, Tioga, Tompkins

PARTIAL COUNTIES
Delaware: Only the towns of: Tompkins, Walton, Masonville, Sidney, Franklin and Deposit.

WAGES

Per hour:	07/01/2013	01/01/2014	01/01/2015
Elevator Constructor	$40.84	41.40	42.03
Helper	28.59	28.98	29.42

** IMPORTANT NOTICE - EFFECTIVE 04/01/2009 **
Four (4), ten (10) hour days may be worked at straight time during a week, Monday thru Thursday, except work on general repairs and modernization.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.

SUPPLEMENTAL BENEFITS
Per hour worked:

$25.185*	$26.785*	$28.385*

*plus 6% of wage (under 5 years service)
*plus 8% of wage (after 5 years service)

OVERTIME PAY
See (D, M, T) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 15, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 15, 16) on HOLIDAY PAGE
NOTE: When a paid holiday falls on a Saturday, it shall be observed on Friday. When a paid holiday falls on Sunday, it shall be observed on Monday.

REGISTERED APPRENTICES
WAGES: One year terms at the following percentage of Journeyman's wage.

1st	2nd	3rd	4th
55%	65%	70%	80%

SUPPLEMENTAL BENEFITS: Same as Journeyman above

6-62.1

Glazier 06/01/2014

JOB DESCRIPTION Glazier **DISTRICT** 5

ENTIRE COUNTIES
Broome, Chemung, Chenango, Delaware, Otsego, Schuyler, Steuben, Tioga, Tompkins

WAGES

Per hour	07/01/2013	05/01/2014	05/01/2015
		Additional	Additional
Glazier	$ 23.55	$ 1.50*	$ 1.50*

*To be allocated at a later date.

Additional $.50 per hr for all swing stagework, belt work, open steel or scaffolding 25' or more from ground, floor or roof levels.

** IMPORTANT NOTICE **
Four (4), ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day.

NOTE-In order to use '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.

SUPPLEMENTAL BENEFITS
Per hour worked:

Journeyman $ 16.45

OVERTIME PAY
See (B, E*, E2, Q**) on OVERTIME PAGE.

*Double time after 8 hours on Saturday.
**Note: Emergency work on Sunday is 1 1/2 times the hourly rate.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
1000 hour terms at the following percentage of journeyman's wage.

1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.
50%	55%	60%	65%	70%	75%	80%	90%

Supplemental Benefits per hour worked:

1st & 2nd terms	$ 5.65
3rd & 4th terms	5.77
5th & 6th terms	5.91
7th & 8th terms	6.04

5-677z3

Insulator - Heat & Frost 06/01/2014

JOB DESCRIPTION Insulator - Heat & Frost **DISTRICT** 6

ENTIRE COUNTIES
Broome, Cayuga, Chemung, Chenango, Cortland, Herkimer, Jefferson, Lewis, Madison, Oneida, Onondaga, Oswego, Otsego, Schuyler, Seneca, St. Lawrence, Tioga, Tompkins

WAGES
Per hour: 07/01/2013

Insulation Installer (On mechanical systems only)	$30.15

NOTE: THE FOLLOWING RATES WILL APPLY ON ALL CONTRACTING AGENCY MANDATED SHIFTS WORKED.

1ST SHIFT	$30.15
2ND SHIFT	34.68
3RD SHIFT	37.69

** IMPORTANT NOTICE - EFFECTIVE 04/01/2009 **
Four (4), ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.

SUPPLEMENTAL BENEFITS
Per hour worked:

	07/01/2013
Journeyman	$18.33

OVERTIME PAY
See (*B1, Q) on OVERTIME PAGE
* Note: First 10 hours on Saturday

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (4,6) on HOLIDAY PAGE. Also Easter.
Triple time for Labor Day if worked.

REGISTERED APPRENTICES
WAGES: One year terms at the following percentage of Journeyman's wage

1st	2nd	3rd	4th
50%	60%	70%	80%
$15.08	$18.09	$21.11	$24.12

SUPPLEMENTAL BENEFITS per hour worked:

1st & 2nd years	$16.33
3rd & 4th years	18.33

6-30-Syracuse

Ironworker 06/01/2014

JOB DESCRIPTION Ironworker **DISTRICT** 6

ENTIRE COUNTIES
Broome, Cayuga, Cortland, Onondaga, Oswego, Seneca, Tioga, Tompkins

PARTIAL COUNTIES
Chenango: Only the Townships of Lincklaen, Otselic, Pitcher, Pharsalia, German, McDonough, Preston, Norwich, Smithville, Oxford, Guilford, Greene, Coventry, Bainbridge and Afton.

Jefferson: Only the Townships of Alexandria, Theresa, Clayton, Orleans, Cape Vincent, Lyme, Brownville, Pamelia, LeRay, Hounsfield, Watertown, Rutland, Adams, Henderson, Rodman, Ellisburg, Lorraine and Worth.
Madison: Only the Townships of Sullivan, Lenox, Lincoln, Fenner, Smithfield, Cazenovia, Nelson, DeRuyter and Georgetown.
Schuyler: Only the Townships of Cayuta, Catherine, Hector and Montour.
Wayne: Only the Townships of Galen, Savannah, Rose, Butler, Huron and Wolcott

WAGES

Per hour:	07/01/2013	05/01/2014 *Additional	05/01/2015 *Additional
Structural/Reinf/Rebar	$27.50	$1.20	$1.20
Mach Mover & Rigger	27.50	1.20	1.20
Ornamental & Curtain Wall, Window Wall	27.50	1.20	1.20
Pre-glazed metal framed windows attached to steel or masonry including caulking	27.50	1.20	1.20
Fence Erector (Chain Link/Security)	27.50	1.20	1.20
Sheeter/Bridge rail	27.50	1.20	1.20
Pre-Cast erector	27.50	1.20	1.20
Stone Derrickman	27.50	1.20	1.20
Pre-Engineered Bldg Erector	27.50	1.20	1.20

*To be allocated at a later date.

NOTE: Shift work mandated by the project owner. All shifts will be (8) hours

1st Shift	$27.50
2nd Shift	30.25
3rd Shift	31.63

SUPPLEMENTAL BENEFITS
Per hour worked:

Journeymen	$21.85

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
WAGES: One year terms at the following rates.

1st	2nd	3rd	4th
$15.00	$17.00	$19.00	$21.00

SUPPLEMENTAL BENEFITS per hour worked:

1st year	$9.55
2nd year	16.17
3rd year	17.11
4th year	18.06

6-60

Laborer - Building 06/01/2014

JOB DESCRIPTION Laborer - Building **DISTRICT** 6

ENTIRE COUNTIES
Cortland, Tompkins

PARTIAL COUNTIES
Schuyler: Only the Township of Catherine including the Village of Odessa.
Tioga: Townships of Candor & Spencer

WAGES
Per hour:

GROUP #1: Basic Laborer

GROUP #2: Air Tool Operators

GROUP #3: Blaster, Rock Drill (compressor driven)

GROUP #4: Asbestos Toxic Waste. Lead & Mold Remediation

	07/01/2013	07/01/2014 *Additional	07/01/2015 *Additional	07/01/2016 *Additional
GROUP #1	$22.18	$1.00	$1.05	$1.05
GROUP #2	22.68	1.00	1.05	1.05
GROUP #3	23.68	1.00	1.05	1.05
GROUP #4	23.68	1.00	1.05	1.05

*To be allocated at a later date.

SUPPLEMENTAL BENEFITS
Per hour worked:

Journeyman $16.30

OVERTIME PAY
See (B, *E, Q) on OVERTIME PAGE
*Double time after 8 hours on Saturday

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
WAGES: 1000 hour terms at the following percentage of Journeyman's wage.

1st	2nd	3rd	4th
60%	70%	80%	90%

SUPPLEMENTAL BENEFITS per hour worked:

1st term	$9.30
2nd term	10.43
3rd term	11.55
4th term	12.68

6-785b

Laborer - Heavy&Highway 06/01/2014

JOB DESCRIPTION Laborer - Heavy&Highway **DISTRICT** 6

ENTIRE COUNTIES
Cortland, Tompkins

PARTIAL COUNTIES
Schuyler: Only the Township of Catherine including the Village of Odessa.
Tioga: Townships of Candor & Spencer

WAGES
Per hour:

GROUP A: Basic, Drill Helper on drilling equipment listed below in Group C, Flagman, Outboard and Hand Boats.

GROUP B: Bull Float (where used for strike off only), Chain Saw, Concrete Aggregate Bin, Concrete Bootmen, Gin Buggy, Hand or Machine Vibrator, Jack Hammer, Mason Tender, Mortar Mixer, Pavement Breaker, Handlers of all Steel Mesh, Small Generators for Laborers Tools, Installation of Bridge Drainage Pipe, Pipe Layers, Vibrator Type Rollers, Tamper, Drill Doctor, Water Pump Operators (1-1/2" & Single Diaphragm), Nozzle (Asphalt, Gunite, Seeding, and Sand Blasting), Laborers on Chain Link Fence Erection, Rock Splitter and Power Unit, Pusher Type Concrete Saw and all other Gas, Electric, Oil and Air Tool Operators, Wrecking Laborer.

GROUP C: Drilling equipment - only where a separate air compressor unit supplies power, Acetylene Torch Operators, Asphalt Raker, Powderman, Tail or Screw Operator on Asphalt Paver.

GROUP D: Blasters, Form Setters (slab steel forms on highways, roads, streets & airport runways), Stone or Granite Curb Setters.

	07/01/2013	07/01/2014 *Additional	07/01/2015 *Additional
GROUP A	$25.71	$1.30	$1.30
GROUP B	25.91	1.30	1.30
GROUP C	26.11	1.30	1.30
GROUP D	26.31	1.30	1.30

*To be allocated at a later date.

NOTE: Hazardous Waste removal on a State or Federal designated waste site where relevant state or federal regulations require employees to wear personal protection, Additional $2.00 per hour over Group A rate.

NOTE: All night work mandated by DOT shall be paid an additional $ 1.75 per hr. over Group A rate.

SUPPLEMENTAL BENEFITS
Per hour worked:

Journeyman $16.60

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
WAGES: 1000 hour terms at the following percentage of Journeyman's wage:

1st	2nd	3rd	4th
60%	70%	80%	90%

SUPPLEMENTAL BENEFITS per hour worked:

1st term	0 - 1000 hrs	$14.10
2nd term	1001-2000 hrs	14.73
3rd term	2001-3000 hrs	15.35
4th term	3001-4000 hrs	15.98

6-785h

Laborer - Tunnel 06/01/2014

JOB DESCRIPTION Laborer - Tunnel **DISTRICT** 6

ENTIRE COUNTIES
Cortland, Tompkins

PARTIAL COUNTIES
Schuyler: Only the Township of Catherine including the Village of Odessa.
Tioga: Townships of Candor & Spencer

WAGES
Per hour:

GROUP A: Change House Man

GROUP B: Miners and all Machine Men, Safety Miner, all Shaft work, Caisson work, Drilling, Blow Pipe, all Air Tools, Tugger, Scaling, Nipper, Guniting from pot to nozzle, Bit Grinder, Signal Man (top and bottom), Concrete Men, Shield driven tunnels, mixed face and soft ground, liner plate tunnels in free air.

GROUP C: Blaster

GROUP D: Hazardous Waste Work**

	07/01/2013	07/01/2014 *Additional	07/01/2015 *Additional

Group A	$28.89	$1.30	$1.30
Group B	29.09	1.30	1.30
Group C	30.39	1.30	1.30
Group D**	30.89	1.30	1.30

*To be allocated at a later date

**Work site required to be designated by State/Federal as hazardous waste site and relevant regulations require employees to use personal protection.

SUPPLEMENTAL BENEFITS
Per hour worked:

Journeyman $16.60

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE
If the holiday falls on Saturday, it will be celebrated on Friday. If the holiday falls on Sunday, it will be celebrated on Monday.

REGISTERED APPRENTICES
WAGES: 1000 hour terms at the following percentage of Group B wage

1st	2nd	3rd	4th
60%	70%	80%	90%

SUPPLEMENTAL BENEFITS per hour worked:

1st term	$14.10
2nd term	14.73
3rd term	15.35
4th term	15.98

6-785T

Lineman Electrician 06/01/2014

JOB DESCRIPTION Lineman Electrician **DISTRICT** 6

ENTIRE COUNTIES
Albany, Allegany, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Montgomery, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Rensselaer, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Wyoming, Yates

WAGES
Per hour:

NOTE: Includes Teledata Work within ten (10) feet of High Voltage Transmission Lines

Below rates applicable on all overhead and underground distribution and maintenance work, and all overhead and underground transmission line work and the installation of fiber optic cable where no other construction trades are or have been involved. (14.01.01)

	07/01/2013	05/05/2014	05/04/2015
Lineman, Technician	$44.12	$45.51	$46.90
Crane, Crawler Backhoe	44.12	45.51	46.90
Welder, Cable Splicer	44.12	45.51	46.90
Digging Machine Operator	39.71	40.96	42.21
Tractor Trailer Driver	37.50	38.68	39.87
Groundman, Truck Driver	35.30	36.41	37.52
Mechanic 1st Class	35.30	36.41	37.52
Flagman	26.47	27.31	28.14

Additional $1.00 per hour for entire crew when a helicopter is used.

Below rates applicable on all electrical sub-stations, switching structures, fiber optic cable and all other work not defined as "Utility outside electrical work". (14.02.01-A)

Lineman, Technician	$44.12	$45.51	$46.90

Crane, Crawler Backhoe	44.12	45.51	46.90
Cable Splicer-Pipe Type Cable	48.53	50.06	51.59
Cert. Welder-Pipe Type Cable	46.33	47.79	49.25
Digging Machine Operator	39.71	40.96	42.21
Tractor Trailer Driver	37.50	38.68	39.87
Mechanic 1st Class	35.30	36.41	37.52
Groundman, Truck Driver	35.30	36.41	37.52
Flagman	26.47	27.31	28.14

Additional $1.00 per hour for entire crew when a helicopter is used.

Below rates apply on switching structures, maintenance projects, railroad catenary install/maintenance third rail installation, bonding of rails and pipe type cable and installation of fiber optic cable. (14.02.01-B)

Lineman, Technician, Welder	$45.40	$46.80	$48.20
Crane, Crawler Backhoe	45.40	46.80	48.20
Digging Machine Operator	40.86	42.12	43.38
Tractor Trailer Driver	38.59	39.78	40.97
Groundman, Truck Driver	36.32	37.44	38.56
Mechanic 1st Class	36.32	37.44	38.56
Flagman	27.24	28.08	28.92
Cert. Welder-Pipe Type Cable	47.67	49.14	50.61
Cable Splicer-Pipe Type Cable	49.94	51.48	53.02

Additional $1.00 per hour for entire crew when a helicopter is used.

Below rates applicable on all overhead and underground transmission line work & fiber optic cable where other construction trades are or have been involved. This applies to transmission line work only, not other construction. (14.03.01)

Lineman, Technician, Welder	$46.62	$48.02	$49.41
Crane, Crawler Backhoe	46.62	48.02	49.41
Cable Splicer	46.62	48.02	49.41
Digging Machine Operator	41.96	43.22	44.47
Tractor Trailer Driver	39.63	40.82	42.00
Groundman, Truck Driver	37.30	38.42	39.53
Mechanic 1st Class	37.30	38.42	39.53
Flagman	27.97	28.81	29.65

Additional $1.00 per hour for entire crew when a helicopter is used.

** IMPORTANT NOTICE **
Four (4), ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day.
*Effective 05/06/2013, Tuesday thru Friday may be worked with no make-up day.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.

SUPPLEMENTAL BENEFITS

Per hour worked including holidays listed below:

The following SUPPLEMENTAL BENEFITS apply to all classification categories of CONSTRUCTION, TRANSMISSION and DISTRIBUTION.

	$19.00 *plus 7.5% of hourly wage	$19.75 *plus 7.5% of hourly wage	$20.50 *plus 7.5% of hourly wage

*The 7.5% is based on the hourly wage paid, straight time rate or premium rate.

OVERTIME PAY

See (B, E, Q,) on OVERTIME PAGE. *Note* Double time for all emergency work designated by the Dept. of Jurisdiction.

NOTE: THE FOLLOWING RATES WILL APPLY ON ALL CONTRACTING AGENCY MANDATED MULTIPLE SHIFTS OF AT LEAST FIVE (5) DAYS DURATION WORKED BETWEEN THE HOURS LISTED BELOW:

1ST SHIFT	8:00 AM to 4:30 PM REGULAR RATE
2ND SHIFT	4:30 PM to 1:00 AM REGULAR RATE PLUS 17.3 %
3RD SHIFT	12:30 AM to 9:00 AM REGULAR RATE PLUS 31.4 %

HOLIDAY

Paid	See (5, 6, 8, 13, 25) on HOLIDAY PAGE plus Governor of NYS Election Day.
Overtime	See (5, 6, 8, 13, 25) on HOLIDAY PAGE plus Governor of NYS Election Day.

SUPPLEMENTS for holidays paid at straight time

REGISTERED APPRENTICES

WAGES: 1000 hour terms at the following percentage of Journeyman's wage.

1st	2nd	3rd	4th	5th	6th	7th
60%	65%	70%	75%	80%	85%	90%

SUPPLEMENTAL BENEFITS: Same as Journeyman

6-1249a

Lineman Electrician - Teledata 06/01/2014

JOB DESCRIPTION Lineman Electrician - Teledata **DISTRICT** 6

ENTIRE COUNTIES

Albany, Allegany, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Montgomery, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Rensselaer, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES

Per hour:

FOR OUTSIDE WORK.

	07/01/2013	01/01/2014
Cable Splicer	$28.55	$29.12
Installer, Repairman	27.10	27.64
Teledata Lineman	27.10	27.64
Technician, Equipment Operator	27.10	27.64
Groundman	14.37	14.66

NOTE: EXCLUDES Teledata work within ten (10) feet of High Voltage (600 volts and over) transmission lines. For this work please see LINEMAN.

SUPPLEMENTAL BENEFITS

Per hour worked:

	$ 4.43 *plus 3% of wage paid	$ 4.43 *plus 3% of wage paid

*The 3% is based on the hourly wage paid, straight time rate or premium rate.

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid:	See (1) on HOLIDAY PAGE
Overtime:	See (5, 6, 16) on HOLIDAY PAGE

6-1249LT - Teledata

Lineman Electrician - Traffic Signal Lighting 06/01/2014

JOB DESCRIPTION Lineman Electrician - Traffic Signal Lighting **DISTRICT** 6

ENTIRE COUNTIES

Albany, Allegany, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Cortland, Delaware, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Montgomery, Niagara, Oneida, Onondaga, Ontario, Orleans, Oswego, Otsego, Rensselaer, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Sullivan, Tioga, Tompkins, Warren, Washington, Wayne, Wyoming, Yates

WAGES

Lineman/Technician shall perform all overhead aerial work and make all electrical connections.

A Groundman/Groundman Truck Driver shall: Build and set concrete forms, handle steel mesh, set footer cages, transport concrete in a wheelbarrow, hand or machine concrete vibrator, finish concrete footers, mix mortar, grout pole bases, cover and maintain footers while curing in cold weather, operate jack hammer, operate hand pavement breaker, a tamper, concrete and other motorized saws, as a drill helper, operate and maintain generators, water pumps, chain saws, sand blasting, operate mulching and seeding machine, air tools, electric tools, gas tools, load and unload materials, hand shovel and/or broom, prepare and pour mastic and other fillers, assist digger operator equipment operator in ground excavation and restoration, landscape work and painting. Only when assisting a lineman technician, a ground man/truck driver may install conduit, pipe, cables and equipment.

A flagger's duties shall consist of traffic control only.

Per hour:

	07/01/2013	05/05/2014	05/04/2015	05/02/2016 *Additional
Lineman, Technician	$39.19	$40.12	$41.04	$2.00
Crane, Crawler Backhoe	39.19	40.12	41.04	2.00
Certified Welder	41.15	42.13	43.09	2.00
Digging Machine	35.27	36.11	36.94	2.00
Tractor Trailer Driver	33.31	34.10	34.88	2.00
Groundman, Truck Driver	31.35	32.10	32.83	2.00
Mechanic 1st Class	31.35	32.10	32.83	2.00
Flagman	23.51	24.07	24.62	2.00

* To be allocated at a later date.

Above rates applicable on all Lighting and Traffic Signal Systems with the installation, testing, operation, maintenance and repair of all traffic control and illumination projects, traffic monitoring systems, road weather information systems and the installation of Fiber Optic Cable.

** IMPORTANT NOTICE **
Four (4), ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day.
*Effective 05/06/2013, Tuesday thru Friday may be worked with no make-up day.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.

SUPPLEMENTAL BENEFITS
Per hour worked including holidays listed below:

All classifications	$19.00 *plus 7.5% of hourly wage	$19.75 *plus 7.5% of hourly wage	$20.50 *plus 7.5% of hourly wage

*The 7.5% is based on the hourly wage paid, straight time rate or premium rate.
Supplements paid at STRAIGHT TIME rate for holidays.

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE. *Note* Double time for all emergency work designated by the Dept. of Jurisdiction

NOTE: THE FOLLOWING RATES WILL APPLY ON ALL CONTRACTING AGENCY MANDATED MULTIPLE SHIFTS OF AT LEAST FIVE (5) DAYS DURATION WORKED BETWEEN THE HOURS LISTED BELOW:

1ST SHIFT	8:00 AM TO 4:30 PM	REGULAR RATE
2ND SHIFT	4:30 PM TO 1:00 AM	REGULAR RATE PLUS 17.3%
3RD SHIFT	12:30 AM TO 9:00 AM	REGULAR RATE PLUS 31.4%

HOLIDAY

Paid	See (5, 6, 8, 13, 25) on HOLIDAY PAGE plus Governor of NYS Election Day.
Overtime	See (5, 6, 8, 13, 25) on HOLIDAY PAGE plus Governor of NYS Election Day.

REGISTERED APPRENTICES
WAGES: 1000 hour terms at the following percentage of Journeyman's wage.

1st	2nd	3rd	4th	5th	6th	7th
60%	65%	70%	75%	80%	85%	90%

SUPPLEMENTAL BENEFITS: Same as Journeyman

6-1249a-LT

Lineman Electrician - Tree Trimmer **06/01/2014**

JOB DESCRIPTION Lineman Electrician - Tree Trimmer **DISTRICT** 6

ENTIRE COUNTIES
Albany, Allegany, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Montgomery, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Rensselaer, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Wyoming, Yates

WAGES
Per hour:

Applies to line clearance, tree work and right-of-way preparation on all new or existing energized overhead or underground electrical, telephone and CATV lines. This also would include stump removal near underground energized electrical lines, including telephone and CATV lines.

	07/01/2013
Tree Trimmer	$ 22.08
Equipment Operator	19.48
Mechanic	19.48
Truck Driver	16.46
Groundman	13.51
Flag person	9.62

SUPPLEMENTAL BENEFITS
Per hour worked including holidays listed below:

$ 8.30
*plus 3% of
hourly wage

* The 3% is based on the hourly wage paid, straight time rate or premium rate.

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 8, 15, 16, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 15, 16, 25) on HOLIDAY PAGE

6-1249TT

Mason - Building 06/01/2014

JOB DESCRIPTION Mason - Building **DISTRICT** 5

ENTIRE COUNTIES
Cortland, Tompkins

WAGES
Per hour:

	07/01/2013	07/01/2014 Additional	07/01/2015 Additional
Brick/Block Layer	$ 27.70	$ 1.45	$ 1.45
Cement/Stone Mason	27.70	1.45	1.45
Plasterer/EFIS	27.70	1.45	1.45
Tuck Pointer	27.70	1.45	1.45

Four (4), ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.

SUPPLEMENTAL BENEFITS
Per hour worked:

Journeyman $ 18.65

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE
See Above

REGISTERED APPRENTICES
Wage per hour:

(1) year terms at the following percentage of Journeyman's wage.

1st	2nd	3rd	4th
55%	70%	80%	90%

Supplemental Benefits per hour worked.

All terms $ 18.65

5-3B Ith - Z2

Mason - Heavy&Highway 06/01/2014

JOB DESCRIPTION Mason - Heavy&Highway **DISTRICT** 5

ENTIRE COUNTIES
Allegany, Broome, Chautauqua, Chemung, Chenango, Cortland, Delaware, Genesee, Livingston, Monroe, Ontario, Orleans, Otsego, Schuyler, Seneca, Steuben, Tioga, Tompkins, Wayne, Wyoming, Yates

PARTIAL COUNTIES
Cattaraugus: Entire county except in the Township of Perrysburg and the Village of Gowanda only the Bricklayer classification applies.
Erie: Only the Bricklayer classification applies.
Niagara: Only the Bricklayer classification applies.

WAGES

Per hour:	07/01/2013	06/01/2014 Additional	06/01/2015 Additional
Cenment Mason	$29.36	$1.26	$1.26
Bricklayer	29.36	1.26	1.26

Four (4), ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.g scaffold suspended from bridges.

SUPPLEMENTAL BENEFITS
Per hour worked:

Journeyman $ 17.71

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages per hour:

1500 hour terms at the following percentage of Journeyman's wage:

1st	2nd	3rd	4th
50%	60%	70%	80%

Supplemental benefits per hour worked:

Appr. 1st term $ 10.21
Appr. 2nd term to 4th term 17.71

5-3h

Mason - Tile Finisher 06/01/2014

JOB DESCRIPTION Mason - Tile Finisher **DISTRICT** 5

ENTIRE COUNTIES
Allegany, Broome, Chautauqua, Chemung, Chenango, Cortland, Delaware, Otsego, Schuyler, Steuben, Tioga, Tompkins

PARTIAL COUNTIES
Cattaraugus: With the exception of the Township of Perrysburg and the Village of Gowanda.

WAGES

Per hour
Building: 07/01/2013

Tile Finisher $ 25.15
Marble, Slate, Terrazzo and Tile

Mason finisher 25.15

Four (4), ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.

SUPPLEMENTAL BENEFITS
Per hour worked: $ 13.32

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
1st and 2nd term 1200 hours and 3rd term 1300 hours at the following percentage of rate.

1st	2nd	3rd
55%	60%	80%

Supplemental Benefits

1st	2nd	3rd
$ 9.05	$9.10	$11.90

5-3TF - Z2

Mason - Tile Setter 06/01/2014

JOB DESCRIPTION Mason - Tile Setter **DISTRICT** 5

ENTIRE COUNTIES
Allegany, Broome, Chautauqua, Chemung, Chenango, Cortland, Delaware, Otsego, Schuyler, Steuben, Tioga, Tompkins

PARTIAL COUNTIES
Cattaraugus: With the exception of the Township of Perrysburg and the Village of Gowanda.

WAGES

Per hour:	07/01/2013	07/01/2014 Additional	07/01/2015 Additional
Tile Setter:	$ 28.54	$ 1.45	$ 1.45

Marble, Slate, Terrazzo and Tile

Four (4), ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.

SUPPLEMENTAL BENEFITS
Per hour worked: $14.69

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
(1) year terms at the following percentage of joureyman's rate.
Terms

1st	2nd	3rd	4th
55%	70%	80%	90%

Supplemental Benefits per hour worked:
Terms

1st	2nd	3rd	4th
$9.34	$ 9.47	$ 14.51	$ 14.60

5-3TS - Z2

Millwright 06/01/2014

JOB DESCRIPTION Millwright **DISTRICT** 6

ENTIRE COUNTIES
Chemung, Cortland, Livingston, Monroe, Ontario, Schuyler, Steuben, Tompkins, Wayne

WAGES

Per hour:	07/01/2013	07/01/2014 *Additional
Millwright	$27.00	$1.24
Certified Welder	28.25	1.24
Hazardous Waste Work	28.25	1.24

*To be allocated at a later date.

SUPPLEMENTAL BENEFITS
Per hour worked:
$18.07

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE
***NOTE: Saturday may be used as a make-up day and worked at the straight time rate of pay during a work week when conditions such as weather, power failure, fire or natural disaster prevent the performance of work on a regularly scheduled work day. If a make-up day is utilized, a minimun of eight hours must be scheduled.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
WAGES: One year terms at the following percentage of Journeyman's wage.

1st	2nd	3rd	4th
60%	70%	80%	90%

SUPPLEMENTAL BENEFITS per hour worked:

Appr. 1st year	$8.65
Appr. 2nd year	15.24
Appr. 3rd year	16.19
Appr. 4th year	17.13

6-1163

Operating Engineer - Building 06/01/2014

JOB DESCRIPTION Operating Engineer - Building **DISTRICT** 6

ENTIRE COUNTIES
Cayuga, Cortland, Jefferson, Lewis, Madison, Oneida, Onondaga, Oswego, Seneca, St. Lawrence, Tompkins

WAGES
If a prime contract is let for site work only, meaning no buildings are involved in their site contract, the Heavy/Highway rates would be applicable.

When a prime contract is let for site work and building excavation is part of that contract, the Building rates would be applicable for the Operators classification.

NOTE: If a second employee is required by the employer for operation of any covered machine, they shall be an Oiler (Class C).

CLASSIFICATION A: Air Plako, Asphalt & Blacktop Roller, Automated Concrete Spreader (CMI or equivalent.), Automated Fine Grade Machine (CMI), Backhoe, Barrell Shredder, Belt Placer, Blacktop Spreader (such as Barber Greene & Blaw Knox), Blacktop Plant (automated), Blast or Rotary Drill (Truck or Cat mounted), Boom Truck, Burning Plant Operator, Cableway, Caisson Auger, Central Mix Plant (automated), Concrete Pump, Crane, Crusher (Rock), Derrick, Dewatering Press, Diesel Power Unit, Dirt Filter Press-Operation Equipment, Dragline, Dredge, Dual Drum Paver, Elevating Grader (self propelled or towed), Elevator Hoist-Two Cage, Excavator-all purpose hydraulically operated, Fork Lift (Loed/Lull and other terrain type), Front End Loader (4 c.y. and over), Gradall, Grader (Power), Head Tower (Saurman or equal), Hoist (2 or 3 Drum), Hydroblaster (Laser Pump), Work Boat Operator including LCM's, Light Plants-Compressors and Generators, Locomotive, Maintenance Engineer, Maintenance Welder, Mine Hoist, Mucking Machine or Mole, Overhead Crane-fixed permanent, Pile Driver, Quarry Master or Equivalent, Refrigeration Equipment (for soil stabilization), Scraper, Sea Mule, Shovel, Side Boom, Slip Form Paver, Straddle Buggy (Ross Carrier, Lumber Carrier), Tractor Drawn Belt Type Loader (Euclid Loader), Trenching Machine (digging capacity of over 4ft. depth), Truck Crane Operator, Truck or Trailer Mounted Log Chipper (self-feeder), Tug Operator (Manned, rented equipment excluded), Tunnel Shovel, Vibro or Sonic Hammer Controls (when not mounted in proximity to Rig Operator).

CLASSIFICATION B: "A" Frame Truck, Back Dumps, Blacktop Plant (non-automatic), Boring Machine, Bulldozer, Cage-Hoist, Central Mix Plant (non-automated), Compressor, Pump, Generator or Welding machine (when used in battery of not more than five (5)), Concrete Paver (single drum over 16S), Core boring machine, Drill Rigs-tractor mounted, Elevator-as material hoist, Farm Tractor (with or without accessories), Fork Lift over 10 ton (with or without attachments), Front End Loader (under 4 c.y.), Grout Pump, Gunite Machine, High Pressure Boiler (15 lbs. & over), Hoist (one drum), Hydraulic Breaking Hammer (drop hammer), Kolman Plant Loader (screening gravel), Maintenance Grease Man, Mixer for stabilized base-self propelled (Seaman Mixer), Monorail Machine, Parapet Concrete or Pavement Grinder, Parts Man, Post Driver (truck or tractor mounted), Post Hole Digger (truck or tractor mounted), Power Sweeper (Wayne or similar), Pump-Crete or Squeeze-Crete, Road Widener (front end of Grader or self propelled), Roller, Self contained hydraulic bench drill, Shell Winder (motorized), Skid steer (Bobcat) type loader, Snorkel (over head arms), Snowblower control man, Tractor (with or without accessories), Trenching Machine (digging capacity of 4 ft. or less), Tugger Hoist, Vacuum Machine (self-propelled or mounted), Vibro Tamp, Well Drill Well Point System (Submersible pumps when used in lieu of well-point system), Winch (Motor driven), Winch Cat, Winch Truck

CLASSIFICATION C: Compressor (Up to 500 c.f.), Concrete Paver or Mixer (under 16S), Concrete Pavement Spreaders & Finishers (not automatic),
Conveyor (over 12 ft), Electric Submersible Pump (4" and over), Fine Grade Machine (non-automated), Fireman, Fork Lift ("with or without" attachments) 10 ton and under, Form Tamper, Generator (2,500 watts and over), Hydraulic Pump, Mechanical Heaters-More than two (2) mechanical heaters or any mechanical heater or heaters whose combined output exceeds 640,000 BTU's per hour (manufacturer's rating) plus one self contained heating unit (i.e. Sundog or Air Heat type, New Holland Hay Dryer type excluded), Mulching Machine, Oiler, Power Driven Welding Machine-300 amp and over (other than all electric). One Welding Machine under 300 amp will not require an engineer unless in a battery, Power Heaterman (hay dryer), Pumps-water and trash, Revinus Widener (road widener), Single Light Plant, Steam Cleaner or Jenny.

Per Hour:

	07/01/2013	01/01/2014	07/01/2014	01/01/2015
Building:				
Master Mechanic	$33.20	$33.45	$33.95	$34.20
Asst. Master Mechanic	32.03	32.28	32.78	33.03
Class A	31.43	31.68	32.18	32.43
Class B	29.55	29.80	30.30	30.55
Class C	25.79	26.04	26.54	26.79
Pile Dr. w/Bm/Ld 100ft+	33.18	33.43	33.93	34.18
Tower Crane (Plus boom length premium)	32.93	33.18	33.68	33.93
Crane/Derrick w/boom:				
" 150 ft to 199 ft add	$1.75	$1.75	$1.75	$1.75
" 200 ft to 299 ft add	$2.75	$2.75	$2.75	$2.75
" 300 ft and over add	$3.75	$3.75	$3.75	$3.75

NOTE: THE LENGTH PREMIUM IS IN ADDITION TO THE CRANE TONAGE PREMIUM LISTED BELOW.

ALL CRANES FROM 30 TO 64 TON - CLASS A RATE PLUS $ .50
ALL LATTICE BOOM CRANES 65 TON CAPACITY & OVER - CLASS A RATE PLUS $ 1.75
ALL HYDRAULIC CRANES 65 TON TO 79 TON CAPACITY - CLASS A RATE PLUS $ 1.10
ALL HYDRAULIC CRANES 80 TON TO 99 TON CAPACITY - CLASS A RATE PLUS $ 1.25
ALL HYDRAULIC CRANES 100 TON CAPACITY AND OVER - CLASS A RATE PLUS $ 1.75

ADDITIONAL $2.00 per hr. if work requires Level A,B,C of Personal Protective Equipment listed in the Occup. Saf. & Health Guidance Manual for Hazardous Waste Site Activities. Paper dust masks are excluded from coverage in this section.

SUPPLEMENTAL BENEFITS

Per hour worked:

Journeyman	$22.10	$22.10	$23.10	$23.10

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
WAGES: 1000 hour terms

	07/01/2013	01/01/2014	07/01/2014	01/01/2015
1st term	$18.86	$19.01	$19.31	$19.46
2nd term	20.43	20.59	20.92	21.08
3rd term	22.00	22.18	22.53	22.70
4th term	25.14	25.34	25.74	25.94

SUPPLEMENTAL BENEFITS per hour worked: Same as Journeyman

6-545b.s

Operating Engineer - Heavy&Highway 06/01/2014

JOB DESCRIPTION Operating Engineer - Heavy&Highway **DISTRICT** 6

ENTIRE COUNTIES
Cayuga, Cortland, Jefferson, Lewis, Madison, Oneida, Onondaga, Oswego, Seneca, St. Lawrence, Tompkins

WAGES
NOTE: If a second employee is required by the employer for operation of any covered machine, they shall be an Oiler (Class C).

CLASS A: Asphalt Paver 100 h.p. and over (fixed screed 10' width and over), Extend a-mat paver, Automated Concrete Spreader, Automatic Fine Grader, Backhoe (except tractor-mounted, Blacktop Plant (automated) Boom Truck, Blacktop Roller (10,000 lb and over), Caisson Auger, Central Mix Conc. Plant (automated), Hydraulic crane (over 5 ton capacity), Concrete Curb Machine (Self-propelled, Slipform), Crane, Directional Boring/Drilling Machine and Locator, Derricks, Dragline, Dredge, Excavator (all purpose-hydraulic-Gradall or similar), Front End Loader (4c.y.& over), Head Tower (Sauerman or equal), Hoist (two or three drum), Hydrodemolition Equipment (self contained), Maintenance Engineer, Mine Hoist, Mucking Machine or Mole, Overhead Crane (Gantry or Straddle Type), Pavement Profiler (300 h.p. and over), Pile Driver, Power Grader, Road widener, Scraper, Shovel, Side Boom, Slip Form Paver, Trencher (over 75 h.p.), Truck Crane, Truck or Trailer mounted Chipper (self-feed), Tug Operator (craft over 26'), Tunnel Shovel, Vermeer Saw (over 75 h.p.), Welder.

CLASS B: Asphalt Paver under 100 h.p. (under 10 ft width), Automated slope paving machine, Backhoe (Tractor-Mounted), Belt loader, Tractor Drawn Belt Type Loader, Blacktop Plant (non-automated), Blacktop Roller (under 10,000 lb), Blast or Rotary Drill (Truck or Tractor Mounted), Boring Machine, Bridge deck finishing machine, Cage Hoist, Central Mix Plant (Non Automated), All Concrete Batching Plants, Concrete pump, Hydraulic crane (5 tons & under), Compressors (4 or less exceeding 2,000 c.f.m. combined capacity), Concrete Paver over 16S, Belt Placer, Cableway, Core Drill (skid, trk mtd or track), Crusher, Diesel Pwr Unit, Drill Rigs (Self Contained, Self Propelled or Hydrolic), Drill Rigs (Truck/Tractor mounted), Fork Lift, F.E.Loader(under 4 cy), Hi-Press Boiler(15 lbs & over), Hoist(One Drum), Hydro Axe, Kolman Plant Loader & similar type loaders, Locomotive, Lubrication Eng/Greaseman, Material Handling Knuckle Boom Truck 5 ton & over, Mixer (for stabilized base-self propelled), Pavement Profiler (under 300 h.p.), Plant Engineer, Pump crete, Refrigeration Equipment (for soil stabilization), Roller (above sub grade) under 10,000lb, Sea Mule, Skid Steer Bobcat Type Loader, Self-propelled rubbleizer, Stationary central compressed air plant (5000cfm and up), Telehandler, Tractor with Dozer and/or Pusher, Trencher (under 75 h.p.), Tugger Hoist, Vermeer Saw (ride-on)under 75 h.p., Winch and Winch Cat, Log Skidder, Hydra-spiker (ride on), All ride-on Tie Extractors, Tie Handlers, Tie Inserters, Tie spacers and Track Liners, Work Boat Operator including LCM's

CLASS C: Aggregate Plant, A Frame Truck, Ballast Regulator (ride-on), Boiler (used in conjunction with production), Cement & Bin operator, Compressors (4 under 2,000 cfm combined capacity, or 3 or less with more than 1200 cfm but not to exceed 2,000 c.f.m), Compressors (any size but subject to other provisions for compressors-Dust Collectors, Generators, Pumps, Welding Machines, Concr Paver or Mixer (16s & under), Conc Saw (self propelled), Concrete Pavement Spreaders and Finishers, Conveyor, Drill Locator, Electric Pump Used in Conjunction with Well Point System, Span Saw (Ride on), Farm Tractor with accessories, Form Tamper, Grout Pump, Gunite Machine, Hammers (hydraulic-self propelled), Hydraulic Pump (jacking system), Light plants, Mulching Mach., Oiler, Parapet concrete or pavement grinder, Post Hole Digger & Post Driver, Power Sweeper, Power Heaterman, Roller (grade & fill), Scarifier (ride-on), Shell Winder, Steam Cleaner Tamper (ride-on), Submersible Electric Pump (when used in lieu of well point system), Tractor, Material Handling Knuckle Boom Truck (under 5 ton), Vacuum machine (self propelled) Vibratory Compactor, Well point.

SINGLE IRREGULAR WORK SHIFT:

A single irregular work shift can start any time from 5:00 PM to 1:00 AM. All employees who work a single irregular work shift on governmental mandated night work shall be paid an addtl $2.00 per hour. Sect 10 will be effective for work bid on or after July 1, 2001.

Wages per hour:

	07/01/2013	07/01/2014
Master Mechanic	$35.80	$37.15
CLASS A	34.45	35.80
CLASS B	33.57	34.92
CLASS C	30.29	31.64

PIPELINE: Master mechanic, Class A and Class B rates apply. NO CRANE PREMIUM ON PIPELINE WORK

NOTE:
All cranes and boom trucks, 49 tons and under, or with boom and jib working length under 115 ft. = Class "A" rate and $1.00 per hour.
All cranes and boom trucks 50 tons and over, or with boom and jib working length of 115 ft. through 149 ft. = Class "A" rate and $2.50 per hour.
All cranes and boom trucks 50 tons and over, and with boom and jib working length 150 ft.and over = Class "A" rate and $3.50 per hour.

Tower Crane - additional $2.00 per hour.

Additional $3.00 per hour for EPA or DEC classified toxic or hazardous waste work OR where an employee is required by regulations to use or wear personal protection.

SUPPLEMENTAL BENEFITS
Per hour worked:

	07/01/2013	07/01/2014
Journeyman	$23.70	$24.45

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
WAGES: 1000 hour terms at the following percentage based on the "B" rate class

1st	2nd	3rd	4th
60%	70%	80%	90%

SUPPLEMENTAL BENEFITS: same as Journeyman

6-545h

Operating Engineer - Marine Construction 06/01/2014

JOB DESCRIPTION Operating Engineer - Marine Construction **DISTRICT** 4

ENTIRE COUNTIES
Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES
Per Hour:

DREDGING OPERATIONS	07/01/2013
CLASS A	
Operator, Leverman, Lead Dredgeman	$ 32.89
CLASS A1 Dozer,Front Loader Operator	To conform to Operating Engineer Prevailing Wage in locality where work is being performed including benefits.
CLASS B	
Spider/Spill Barge Operator, Tug Operator(over1000hp), OperatorII, Fill Placer,	$ 28.49

Derrick Operator, Engineer,
Chief Mate, Electrician,
Chief Welder,
Maintenance Engineer

Certified Welder, $ 26.84
Boat Operator(licensed)

CLASS C
Drag Barge Operator, $ 26.14
Steward, Mate,
Assistant Fill Placer,

Welder (please add)$ 0.06

Boat Operator $ 25.29

CLASS D
Shoreman, Deckhand, $ 21.09
Rodman, Scowman, Cook,
Messman, Porter/Janitor

Oiler(please add)$ 0.09

SUPPLEMENTAL BENEFITS
Per Hour:
THE FOLLOWING SUPPLEMENTAL BENEFITS APPLY TO ALL CATEGORIES

	07/01/2013
All Classes A & B	$ 8.45 plus 7% of straight time wage overtime hours add $ 0.63
All Class C	$ 8.10 plus 8% of straight time wage overtime hours add $ 0.48
All Class D	$ 7.85 plus 8% of straight time wage overtime hours add $ 0.33

OVERTIME PAY
See (B, F, R) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 15, 26) on HOLIDAY PAGE

4-25a-MarConst

Operating Engineer - Survey Crew 06/01/2014

JOB DESCRIPTION Operating Engineer - Survey Crew **DISTRICT** 6

ENTIRE COUNTIES
Albany, Allegany, Broome, Cayuga, Chemung, Chenango, Clinton, Columbia, Cortland, Essex, Franklin, Fulton, Greene, Hamilton, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Montgomery, Niagara, Oneida, Onondaga, Ontario, Oswego, Otsego, Rensselaer, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Tioga, Tompkins, Warren, Washington, Wayne, Yates

PARTIAL COUNTIES
Dutchess: : The Northern portion of the county from the Northern boundry line of the City of Poughkeepsie north.
Genesee: Only that portion of the county that lies east of a line down the center of Route 98 to include all area that lies within the City of Batavia

WAGES
Per hour:

SURVEY CLASSIFICATIONS:

Party Chief- One who directs a survey party.

Instrument person- One who runs the instrument and assists the Party Chief.
Rod person- One who holds the rods and, in general, assists the Survey Party.

	07/01/2013	07/01/2014	07/01/2015
Party Chief	$ 34.02	$ 35.49	$ 36.53
Instrument person	31.16	32.53	33.46
Rod person	22.75	23.83	24.46

Additional $3.00 per hr. for work in a Tunnel.
Additional $2.50 per hr. for EPA or DEC certified toxic or hazardous waste work

SUPPLEMENTAL BENEFITS
Per hour worked:

Journeyman	$ 22.25	$ 22.75	$ 23.75

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
WAGES: One year or 1000 hour terms at the following wage rates.

	07/01/2013	07/01/2014	07/01/2015
1st year	$ 13.65	$ 14.30	$ 14.68
2nd year	15.93	16.68	17.12
3rd year	18.20	19.06	19.57

SUPPLEMENTAL BENEFITS per hour worked:

	$ 22.25	$ 22.75	$ 23.75

6-545 D.H.H.

Operating Engineer - Survey Crew - Consulting Engineer 06/01/2014

JOB DESCRIPTION Operating Engineer - Survey Crew - Consulting Engineer **DISTRICT** 6

ENTIRE COUNTIES
Albany, Allegany, Broome, Cayuga, Chemung, Chenango, Clinton, Columbia, Cortland, Essex, Franklin, Fulton, Greene, Hamilton, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Montgomery, Niagara, Oneida, Onondaga, Ontario, Oswego, Otsego, Rensselaer, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Tioga, Tompkins, Warren, Washington, Wayne, Yates

PARTIAL COUNTIES
Dutchess: The northern portion of the county from the northern boundry line of the City of Poughkeepsie north.
Genesee: Entire county except that portion of the county that lies west of a line down the center of Route 98 excluding that area that lies within the City of Batavia.

WAGES
Per hour:

Feasibility and preliminary design surveying, line and grade surveying for inspection or supervision of construction when performed under a Consulting Engineer Agreement.

SURVEY CLASSIFICATIONS:

Party Chief- One who directs a survey party.
Instrument person- One who runs the instrument and assists the Party Chief.
Rod person- One who holds the rods and in general, assists the Survey Party.

	07/01/2013	07/01/2014	07/01/2015
Party Chief	$34.02	$35.49	$36.53
Instrument person	31.16	32.53	33.46
Rod person	22.75	23.83	24.46

Additional $3.00 per hr. for work in a Tunnel.
Additional $2.50 per hr. for EPA or DEC certified toxic or hazardous waste work

SUPPLEMENTAL BENEFITS
Per hour worked:

$22.25	$22.75	$23.75

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

6-545 DCE

Operating Engineer - Tunnel 06/01/2014

JOB DESCRIPTION Operating Engineer - Tunnel **DISTRICT** 5

ENTIRE COUNTIES
Albany, Allegany, Broome, Cayuga, Chemung, Chenango, Clinton, Columbia, Cortland, Essex, Franklin, Fulton, Greene, Hamilton, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Montgomery, Oneida, Onondaga, Ontario, Oswego, Otsego, Rensselaer, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Tioga, Tompkins, Warren, Washington, Wayne, Yates

PARTIAL COUNTIES
Dutchess: Northern part of Dutchess to the northern boundary line of the City of Poughkeepie then due east to Route 115 to Bedelt Road then east along Bedelt Road to VanWagner Road then north along VanWagner Road to Bower Road then east along Bower Road to Rte. 44 east to Rte. 343 then along Rte. 343 east to the northern boundary of the Town of Dover Plains and east along the northern boundary of the Town of Dover Plains to Connecticut.
Genesee: Only that portion of the county that lies east of a linedrawn down the center of Route 98 and the entirety of the City of Batavia.

WAGES
Crane 1: All cranes, including self erecting to be paid $4.00 per hour over the Class A rate.
Crane 2: All Lattice Boom Cranes and all other cranes with a manufacturer's rating of fifty (50) ton and over to be paid $3.00 per hour over Class A rate.
Crane 3: All hydraulic cranes and derricks with a manufacturer's rating of forty nine (49) ton nad below, including boom trucks, to be paid $2.00 per hour over Class A rate.

MASTER MECHANIC/CHIEF TUNNEL ENG.:

CLASS A: Automatic Concrete Spreader (CMI Type); Automatic Fine Grader; Backhoe (except tractor-mounted,rubber tired); Belt Placer (CMI Type); Blacktop Plant (Automated); Cableway; Caisson Auger; Central Mix Concrete Plant (Automated); Concrete Curb Machine (Self-propelled slipform) Concrete Pump (8" or over); Dredge; Dual Drum Paver; Any Mechanical Shaft Drill; Excavator (all purpose-hydraulic-Gradall or Similar); Fork Lift (factory rated 15 ft and over); Front End Loader (4 c.y & over); Gradall; Head Tower (Sauerman or Equal), Hoist Shaft; Hoist (two or three Drum); Mine Hoist; Maintenance Engineer (Shaft and Tunnel) ; Mine Hoist; Mucking Machine or Mole, Overhead Crane (Gantry or Straddle Type); Pile Driver; Power Grader; Remote Controlled Mole or Tunnel Mach.; Scraper; Shovel; Side Boom; Slip Form Paver (If a second man is needed, he shall be an Oiler); Tractor Drawn Belt Type Loader; Tripper/Maintenance Eng.(Shaft & Tunnel); Truck or Trailer Mounted Log Chipper (self-feeding); Tug Operator (Manned rented equip. excluded); Tunnel Shovel; Mining Machine(Mole and Similar Types).

CLASS B: Automated Central Mix Concrete Plant; Backhoe Trac-Mtd, Rubber Tired); Backhoe (topside); Bitum. Spred. & Mixer, Blacktop Plant non-automated); Blast or Rotary Drill (Truck or Tractor Mounted); Boring Machine; Cage Hoist; Central Mix Plant(NonAutomated) and All Concrete Batching Plants; Compressors (4 or less exceeding 2,000 c.f.m. combined capacity); Concrete Pump; Crusher; Diesel Power Unit; Drill Rigs (Tractor Mounted); Front End Loader (under 4 c.y.); Grayco Epoxy Machine; Hoist (One Drum); Hoist 2 or 3 Drum (Topside); Kolman Plant Loader & Similar Type Loaders (if Employer requires another person to clean the screen or to maintain the equipment, he shall be an Oiler); L.C.M. Work Boat Operator; Locomotive; Maint. Eng. (Topside); Grease Man; Welder; Mixer (for stabilized base-self propelled); Monorail Machine; Plant Eng.; Personnel Hoist; Pump Crete; Ready Mix Concrete Plant; Refrigeration Equipment (for soil stabilization); Road Widener; Roller (all above sub-grade); Sea Mule; Shotcrete Mach.; Shovel (Topside); Tractor with Dozer and/or Pusher; Trencher; Tugger Hoist; Tunnel Locomotive; Winch and Winch Cat.

CLASS C: A Frame Truck; Ballast Regulator (ride-on); Compressors (4 under 2,000 cfm combined capacity; or 3 or less with more than 1200 cfm. but not to exceed 2,000 cfm); Compressors (any size but subject to other provisions for compressors-Dust Collectors, Generators, Pumps, Welding Machines, Light Plants-4 of any type or combination); Concrete Pavement Spreaders and Finishers; Conveyor; Drill (core); Drill well; Elec Pump Used in Conjunction with Well Point System; Farm Tractor with Accessories; Fine Grade Machine; ForkLift (under 15 ft); Grout Pump (over (5) cu. ft.; Gunite Machine; Hammers (hydraulic- self propel.); Hydra-Spiker-Ride on; Hydra-Blaster; Hydra Blaster (water); Motorized Form Carrier; Post Hole Digger & Post Driver; Power Sweep; Roller grade & fill); Scarifer (Ride on); Span-Saw (Ride-on); Submersible Electric Pump (when used in lieu of well point system); Tamper (Ride-on); Tie-Extractor, Tie Handler, Tie Inserter, Tie Spacer and Track Liner (Ride-on); Tractor (with towed accessories); Vibratory Compactor; Vibro Tamp, Well Point.

CLASS D: Aggregate Plant; Cement & Bin Operator; Compressors(3 or less not to exceed 1,200 c.f.m. combined capacity); Compressors(any size, but subject to other provisions for compressors-Dust Collectors, Generators, Pumps, Welding Machines, Light Plants-3 or less-any type or combination); Concrete Saw (self propelled); Fireman; Form Tamper; Hydraulic Pump (jacking system); Light Plants; Mulching Machine; Oiler; Parapet Concrete or Pavement Grinder; Power Broome towed; Power Heaterman; Revinius Widener; Shell Winder; Steam Cleaner and Tractor; Greaseman; Junior Engineer.

Per hour:	07/01/2013	07/01/2014
Crane 1	$ 42.48	$ 43.68
Crane 2	41.48	42.68
Crane 3	40.48	41.68
Master Mechanic	40.61	41.81
CLASS A	38.48	39.68
CLASS B	37.26	38.46
CLASS C	34.47	35.67
CLASS D	31.46	32.66

On hazardous waste work bid, on a state or federally designated hazardous waste site, where the Operating Engineer is in direct contact with hazardous material and when personal protective equipment is required for respiratory, skin and eye protection, the Operating Engineer shall receive the hourly wage plus $5.00 per hour. Fringe benefits will be paid at the contractual hourly wage.

SUPPLEMENTAL BENEFITS

Per hour paid:

Journeyman	$ 23.65	$ 24.55

OVERTIME PAY

See (B, B2, E, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

(1000) hours terms at the following percentages.

1st term	60% of Class D
2nd term	65% of Class C
3rd term	70% of Class B
4th term	75% of Class A

Supplemental Benefits per hour paid:

	$ 23.65	$ 24.55

5-832TL.

Painter 06/01/2014

JOB DESCRIPTION Painter **DISTRICT** 3

ENTIRE COUNTIES

Allegany, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Cortland, Delaware, Erie, Genesee, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Niagara, Oneida, Onondaga, Ontario, Orleans, Oswego, Otsego, Schuyler, Seneca, St. Lawrence, Steuben, Tioga, Tompkins, Wayne, Wyoming, Yates

WAGES

Per hour:	07/01/2013	05/01/2014 Additional	05/01/2015 Additional
Bridge*	$ 36.95	$ 2.00	$ 2.25
Tunnel*	36.95	2.00	2.25
Tank*	34.95	2.00	2.25

For Bridge Painting Contracts, ALL WORKERS on and off the bridge (including Flagmen) are to be paid Painter's Rate; the contract must be ONLY for Bridge Painting.

Tank rate applies to indoor and outdoor tanks, tank towers, standpipes, digesters, waste water treatment tanks, chlorinator tanks, etc. Covers all types of tanks including but not limited to steel tanks, concrete tanks, fiberglass tanks, etc.

* Note an additional $1.00 per hour is required when the contracting agency or project specification requires any shift to start prior to 6:00am or after 12:00 noon.

SUPPLEMENTAL BENEFITS
Per hour worked:
$ 22.00

OVERTIME PAY
Exterior work only See (B, E4*, F, R) on OVERTIME PAGE.
All other work See (B, F, R) on OVERTIME PAGE.

* Note - Saturday is payable at straight time if the employee misses work, except where a doctor's or hospital verification of illness is produced Monday through Friday when work was available to the employee.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages per hour:

750 hour terms at the following percentage of Journeyman's wage rate:

1st	2nd	3rd	4th	5th	6th
50%	55%	60%	65%	75%	85%

Supplemental benefits per hour worked:

1st & 2nd terms	$ 3.02
3rd & 4th terms	5.02
5th & 6th terms	6.02

3-4-Bridge, Tunnel, Tank

Painter 06/01/2014

JOB DESCRIPTION Painter **DISTRICT** 2

ENTIRE COUNTIES
Cortland, Tompkins

WAGES
Per hour:

	07/01/2013	05/01/2014	05/01/2015 *Additional	05/01/2016 *Additional
Brush, Roller, Taper	$24.40	$24.40	$0.60	$0.60
Bosun Chair,Swing Scfld	25.00	25.00	0.60	0.60
Window Platform	25.00	25.00	0.60	0.60
Structural Steel	25.00	25.00	0.60	0.60
Spray Painting	25.40	25.40	0.60	0.60
Sandblasting	25.30	25.30	0.60	0.60
Spray Epoxy	25.90	25.90	0.60	0.60
Brush-Roller Epoxy	25.50	25.50	0.60	0.60

*To be allocated at a later date

** IMPORTANT NOTICE - EFFECTIVE 04/01/2009 **
Four (4), ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.

SUPPLEMENTAL BENEFITS
Per hour worked:
$16.58 $16.88

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
WAGES: 750 hour terms at the following percentage of Journeyman's Brush-Roller wage.

1A	1B	2A	2B	3A	3B	4A	4B
50%	55%	60%	65%	70%	75%	80%	90%

GRANDFATHERED APPRENTICES: Apprentices already indentured as of 05/01/2012

4000-5001 Hrs.	5001-6000 Hrs.	6001-7000	7001-8000
70%	75%	80%	90%

SUPPLEMENTAL BENEFITS per hour worked:

1st & 2nd Terms	$5.04
3rd Term	5.68
4th Term	6.18

2-178 I

Painter - Metal Polisher 06/01/2014

JOB DESCRIPTION Painter - Metal Polisher **DISTRICT** 8

ENTIRE COUNTIES
Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES

	07/01/2013
Metal Polisher	$ 27.15
Metal Polisher**	$ 28.24
Metal Poilsher***	$ 30.65

**Note: Applies on New Construction & complete renovation
*** Note: Applies when working on scaffolds over 34 feet.

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2013
Journeyworker:	
All classification	$ 13.61

OVERTIME PAY
See (B, E, E2, P, T) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE
Overtime: See (5, 6, 9, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages per hour:
One (1) year term at the following wage rates:

1st	2nd	3rd
$11.00	$12.50	$15.50

Supplentals benefits:
Per hour paid:

1st	2nd	3rd
$ 9.94	$10.31	$10.51

8-8A/28A-MP

Plumber 06/01/2014

JOB DESCRIPTION Plumber **DISTRICT** 6

ENTIRE COUNTIES
Chemung, Cortland, Onondaga, Schuyler, Tompkins

PARTIAL COUNTIES
Madison: Only the Townships of Sullivan, Cazenovia and De Ruyter.
Seneca: Only the Townships of Covert and Lodi.

Steuben: Only the Townships of Addison, Bath, Bradford, Campbell, Canton, Corning, Erwin, Hornby, Lindley, Pulteney, Rathbone, Thurston, Tuscarora, Urbana and Wayne.
Tioga: Only the Townships of Barton, Berkshire, Candor, Richford, Spencer, Nichols and Tioga.

WAGES

Per hour:	07/01/2013	05/01/2014 *Additional
Plumber/Steamfitter	$30.36	$1.55
Pipefitter/Welder/HVAC	30.36	1.55
Refrigeration	30.36	1.55

*To be allocated at a later date.

NOTE: THE FOLLOWING RATES WILL APPLY ON ALL CONTRACTING AGENCY MANDATED SHIFTS FOR AT LEAST FIVE (5) DAYS DURATION WORKED BETWEEN THE HOURS LISTED BELOW:

1st Shift	7:30 AM to 4:00 PM	$ 30.36
2nd Shift	4:00 PM to 12:00 AM	ABOVE RATE PLUS 15%
3rd Shift	12:00 AM to 7:30 AM	ABOVE RATE PLUS 20%

SUPPLEMENTAL BENEFITS
Per hour worked:

Journeyman $22.07

OVERTIME PAY
Time & 1/2 for 9th & 10th hours Monday thru Friday and first 10 hours on Saturday. All other O.T. hours are double-time.

HOLIDAY
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
WAGES: One year terms

1st - $15.18	2nd - $16.70	3rd - $18.22	4th - $21.25	5th - $25.81

SUPPLEMENTAL BENEFITS per hour worked:

1st - $10.30	2nd - $19.71	3rd - $19.97	4th - $20.49	5th - $21.29

6-267-SF

Roofer 06/01/2014

JOB DESCRIPTION Roofer **DISTRICT** 2

ENTIRE COUNTIES
Broome, Chemung, Chenango, Delaware, Otsego, Schoharie, Schuyler, Steuben, Tioga, Tompkins

WAGES

Per hour:	07/01/2013
Roofer, Waterproofer	$23.62
Pitch Work	24.37

SUPPLEMENTAL BENEFITS
Per hour worked:

Journeyman $14.07

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

WAGES: Six month terms at the following percentage of Journeyman's wage.

1st.	2nd.	3rd.	4th.	5th.	6th.
60%	65%	70%	75%	80%	90%

SUPPLEMENTAL BENEFITS per hour:

1st term	$11.33
2nd term	11.64
3rd term	11.96
4th term	12.28
5th term	12.60
6th term	13.23

2-203elmi

Sheetmetal Worker 06/01/2014

JOB DESCRIPTION Sheetmetal Worker **DISTRICT** 2

ENTIRE COUNTIES
Allegany, Broome, Chemung, Delaware, Otsego, Schuyler, Steuben, Tioga, Tompkins

WAGES
Per hour:

SINGLE IRREGULAR WORK SHIFT: A single irregular work shift can start any time from 4:30PM to 12:30AM. All journeymen who work a single irregular work shift on government mandated night work shall be paid an additional $3.25 per hour. Apprentices rates to be calculated at the appropriate percentage of Journeyman rate.

	07/01/2013
Sheetmetal Worker	$27.63
Polyresin Fiberglass	27.73

SUPPLEMENTAL BENEFITS
Per hour worked:

Journeyman:	$16.62

OVERTIME PAY
See (B*, E**, Q) on OVERTIME PAGE.
* time and one half the ninth and tenth hours then double time
**time and one half for the first ten hours then double time

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
WAGES per hour: Half year terms.

1st	2nd	3rd	4th	5th	6th	7th	8th
$11.05	12.43	$13.82	$15.20	$16.58	$17.96	$19.34	$22.10

SUPPLEMENTAL BENEFITS per hour worked:

1st	2nd	3rd	4th	5th	6th	7th	8th
$1.06	$7.45	$12.77	$12.86	$12.95	$13.03	$13.12	$13.29

2-112

Sprinkler Fitter 06/01/2014

JOB DESCRIPTION Sprinkler Fitter **DISTRICT** 1

ENTIRE COUNTIES
Albany, Allegany, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Montgomery, Niagara, Oneida, Onondaga, Ontario, Orleans, Oswego, Otsego, Rensselaer, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Tioga, Tompkins, Warren, Washington, Wayne, Wyoming, Yates

WAGES

Per hour	07/01/2013
Sprinkler	$ 29.83

Fitter

SUPPLEMENTAL BENEFITS
Per hour worked

Journeyman	$ 20.52

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE
Note: When a holiday falls on Sunday, the following Monday shall be considered a holiday and all work performed on either day shall be at the double time rate. When a holiday falls on Saturday, the preceding Friday shall be considered a holiday and all work performed on either day shall be at the double time rate.

REGISTERED APPRENTICES
Wages per hour

For Apprentices HIRED PRIOR TO 04/01/2010:

One Half Year terms at the following wage

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
$ 15.08	$ 15.08	$ 16.26	$ 17.77	$ 19.28	$ 20.79	$ 22.29	$ 23.80	$ 25.31	$ 26.82

Supplemental Benefits per hour worked

	07/01/2013
1st & 2nd Terms	$ 8.60
3rd Term	14.87
4th Term	14.91
5th Term	20.21
6th Term	20.25
7th Term	20.30
8th Term	20.34
9th Term	20.39
10th Term	20.43

For Apprentices HIRED ON OR AFTER 04/01/2010:

One Half Year terms at the following wage

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
$ 13.57	$ 15.08	$ 16.26	$ 17.77	$ 19.28	$ 20.79	$ 22.29	$ 23.80	$ 25.31	$ 26.82

Supplemental Benefits per hour worked

	07/01/2013
1st Term	$ 8.56
2nd Term	8.60
3rd Term	14.87
4th Term	14.91
5th Term	15.46
6th Term	15.50
7th Term	15.55
8th Term	15.59
9th Term	15.64
10th Term	15.68

1-669

Teamster - Building / Heavy&Highway 06/01/2014

JOB DESCRIPTION Teamster - Building / Heavy&Highway **DISTRICT** 6

ENTIRE COUNTIES
Cayuga, Cortland, Seneca, Tompkins, Yates

PARTIAL COUNTIES
Allegany: Only the Townships of Almond, Alfred, Burns and West Almond.
Steuben: Only the Townships of Avoca, Canisteo, Cohocton, Dansville, Freemont, Greenwood, Hartsville, Hornell, Howard, Jasper, Prattsburg, Pulteney, Troupsburg, West Union and Wheeler.

WAGES

Per hour:

GROUP 1: Warehousemen, Yardmen, Truck Helpers, Pickups, Panel Trucks, Flatboy Material Trucks (straight jobs), Single Axle Dump Trucks, Dumpsters, Material Checkers & Receivers, Greasers, Truck Tiremen, Mechanics Helpers and Parts Chasers, Tandems & Batch Trucks, Mechanics, Semi-Trailers, Low-boy Trucks, Asphalt Distributor Trucks, and Agitator, Mixer Trucks and Dumpcrete type vehicles, Truck Mechanic, Fuel Trucks.

GROUP 2: Specialized Earth Moving Equipment- Euclid type, or similar off- highway equipment, where not self-loading, Straddle (Ross) Carrier, and self-contained concrete mobile truck, Off-highway Tandem Back-Dump, Twin Engine Equipment and Double-Hitched Equipment where not self-loading.

	07/01/2013	07/01/2014	07/01/2015
GROUP #1	$21.74	$22.47	$23.23
GROUP #2	21.94	22.67	23.43

For work bid on or after April 1, 1982 there shall be a 12 month carry over of the negotiated rate in effect at the time of bid.

** IMPORTANT NOTICE - EFFECTIVE 04/01/2009 **
Four (4), ten (10) hour days may be worked at straight time during a week.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.

SUPPLEMENTAL BENEFITS
Per hour paid:

$20.33	$21.10	$21.84

OVERTIME PAY
See (B, E2, J) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

6-317bhh

Welder 06/01/2014

JOB DESCRIPTION Welder **DISTRICT** 1

ENTIRE COUNTIES
Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES
Per hour 07/01/2013

Welder (To be paid the same rate of the mechanic performing the work)

OVERTIME PAY

HOLIDAY

1-As Per Trade

Overtime Codes

Following is an explanation of the code(s) listed in the OVERTIME section of each classification contained in the attached schedule. Additional requirements may also be listed in the HOLIDAY section.

(B1)	Time and one half of the hourly rate for the 9th & 10th hours week days and the 1st 8 hours on Saturday. Double the hourly rate for all additional hours
(A)	Time and one half of the hourly rate after 7 hours per day
(AA)	Time and one half of the hourly rate after 7 and one half hours per day
(E3)	Between November 1st and March 3rd Saturday may be used as a make-up day at straight time when a day is lost during that week due to inclement weather, provided a given employee has worked between 16 and 32 hours that week
(B)	Time and one half of the hourly rate after 8 hours per day
(S1)	Two and one half times the hourly rate the first 8 hours on Sunday or Holidays One and one half times the hourly rate all additional hours.
(E5)	Double time after 8 hours on Saturdays
(B2)	Time and one half of the hourly rate after 40 hours per week
(C)	Double the hourly rate after 7 hours per day
(C1)	Double the hourly rate after 7 and one half hours per day
(D)	Double the hourly rate after 8 hours per day
(D1)	Double the hourly rate after 9 hours per day
(E)	Time and one half of the hourly rate on Saturday
(E1)	Time and one half 1st 4 hours on Saturday Double the hourly rate all additional Saturday hours
(E2)	Saturday may be used as a make-up day at straight time when a day is lost during that week due to inclement weather
(E4)	Saturday and Sunday may be used as a make-up day at straight time when a day is lost during that week due to inclement weather
(F)	Time and one half of the hourly rate on Saturday and Sunday
(G)	Time and one half of the hourly rate on Saturday and Holidays
(H)	Time and one half of the hourly rate on Saturday, Sunday, and Holidays
(I)	Time and one half of the hourly rate on Sunday
(J)	Time and one half of the hourly rate on Sunday and Holidays
(K)	Time and one half of the hourly rate on Holidays
(L)	Double the hourly rate on Saturday
(M)	Double the hourly rate on Saturday and Sunday
(N)	Double the hourly rate on Saturday and Holidays
(O)	Double the hourly rate on Saturday, Sunday, and Holidays
(P)	Double the hourly rate on Sunday
(Q)	Double the hourly rate on Sunday and Holidays
(R)	Double the hourly rate on Holidays
(S)	Two and one half times the hourly rate for Holidays, if worked

(T) Triple the hourly rate for Holidays, if worked

(U) Four times the hourly rate for Holidays, if worked

(V) Including benefits at SAME PREMIUM as shown for overtime

(W) Time and one half for benefits on all overtime hours.

NOTE:BENEFITS are PER HOUR WORKED,for each hour worked, unless otherwise noted

Holiday Codes

PAID Holidays:

Paid Holidays are days for which an eligible employee receives a regular day's pay, but is not required to perform work. If an employee works on a day listed as a paid holiday, this remuneration is in addition to payment of the required prevailing rate for the work actually performed.

OVERTIME Holiday Pay:

Overtime holiday pay is the premium pay that is required for work performed on specified holidays. It is only required where the employee actually performs work on such holidays. The applicable holidays are listed under HOLIDAYS: OVERTIME. The required rate of pay for these covered holidays can be found in the OVERTIME PAY section listings for each classification.

Following is an explanation of the code(s) listed in the HOLIDAY section of each classification contained in the attached schedule. The Holidays as listed below are to be paid at the wage rates at which the employee is normally classified.

(1)	None
(2)	Labor Day
(3)	Memorial Day and Labor Day
(4)	Memorial Day and July 4th
(5)	Memorial Day, July 4th, and Labor Day
(6)	New Year's, Thanksgiving, and Christmas
(7)	Lincoln's Birthday, Washington's Birthday, and Veterans Day
(8)	Good Friday
(9)	Lincoln's Birthday
(10)	Washington's Birthday
(11)	Columbus Day
(12)	Election Day
(13)	Presidential Election Day
(14)	1/2 Day on Presidential Election Day
(15)	Veterans Day
(16)	Day after Thanksgiving
(17)	July 4th
(18)	1/2 Day before Christmas
(19)	1/2 Day before New Years
(20)	Thanksgiving
(21)	New Year's Day
(22)	Christmas
(23)	Day before Christmas
(24)	Day before New Year's
(25)	Presidents' Day
(26)	Martin Luther King, Jr. Day
(27)	Memorial Day