

**ETHICAL PERSONNEL SERVICES, INC.**  
**dba**



A PROFESSIONAL  
PERSONNEL SERVICE  
*"Placing People First"*

Service Disabled Veteran Women Owned Small Business

**GSA FEDERAL SUPPLY SCHEDULE 736**  
**GS-07F-0466U**

**Temporary Administrative and Professional Staffing Services (TAPS)**

On-Line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage!®, a menu-driven database system. The INTERNET address for GSA Advantage!® is : <http://www.gsaadvantage.gov>.

Contract Number: **GS-07F-0466U**

Schedule Title: **736 - Temporary Administrative and Professional Staffing Services (TAPS)**

FSC Group: **736**

SINs Offered: **736-1 – Administrative Support and Clerical Occupations**  
**736-2 – Automatic Data Processing Occupations**  
**736-3 – General Services and Support**  
**736-4 – Information and Arts Occupations, including**  
**Miscellaneous Occupations**  
**736-5 – Technical and Professional Occupations**

Contract Period: **August 1, 2008 through July 31, 2013**

Contractor: **Ethical Personnel Services, Inc. dba**  
**A Professional Personnel Service**  
**3260 E. Victoria Dr., PO Box 296**  
**Alpine, CA 91901-3680**  
**Phone: 619-445-0029**  
**Fax: 619-445-7427**  
**Website: [www.appsrvc.com](http://www.appsrvc.com)**  
**Contract Administrator: Rondia L. Moss, President & CEO**  
**Email: [rmoss@appsrvc.com](mailto:rmoss@appsrvc.com)**  
**Website: [www.appsrvc.com](http://www.appsrvc.com)**

Business Size: **Service Disabled Veteran Women Owned Small Business**

Prompt Payment Terms: **Net 30**  
Minimum Order Amount: **\$100**  
Maximum Order Amount: **\$100,000**  
Volume Discount: **0**  
Geographic Coverage: **Nationwide (50 States; Washington, DC; and Puerto Rico)**

**APPS accepts VISA/MasterCard and Government Purchase Cards**

DUN & Bradstreet (DUNS) Number: **112018846**

**APPS web site is:** [www.appsrv.com](http://www.appsrv.com)

**Email:** [rmoos@appsrv.com](mailto:rmoos@appsrv.com)

**Ordering Information:**

Ethical Personnel Services, Inc. dba A Professional Personnel Service  
3260 E. Victoria Dr., P.O. Box 296  
Alpine, CA 91901  
Phone: 619-445-0029  
Fax: 619-445-7427  
Email: [rmoos@appsrv.com](mailto:rmoos@appsrv.com)  
Website: [www.appsrv.com](http://www.appsrv.com)

**Payment Information:**

Please remit to:  
Ethical Personnel Services, Inc. dba A Professional Personnel Service  
P.O. Box 296  
Alpine, CA 91903-0296

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*Ethical Personnel Services, Inc. dba A Professional Personnel Service (APPS), a Women-Owned, Certified Service Disabled-Veteran-Owned, Small Business, was established in 2000 to provide high quality, temporary professional services to the Federal Government and private sector. Our performance is fueled by experience, competence, responsiveness, and drive.*

*APPS provides customized solutions to meet the staffing needs of organizations of all sizes. We utilize state-of-the-art recruiting methods, and have developed a large database of personnel to ensure continuity of service to our clients. We are completely dedicated to supporting our government clients in achieving their business objectives, on time and within budget.*



**Skill Category**  
**736-1**

**Hourly Rate**

Travel Clerk I	\$27.72
Travel Clerk II	\$30.73
Travel Clerk III	\$34.14
Word Processor I	\$36.07
Word Processor II	\$40.04
Word Processor III	\$44.35

**SIN 736-2 - AUTOMATIC DATA PROCESSING OCCUPATIONS**

**Skill Category**  
**736-2**

**Hourly Rate**

Computer Operator I	\$34.56
Computer Operator II	\$38.26
Computer Operator III	\$42.17
Computer Operator IV	\$46.44
Computer Operator V	\$51.04
Computer Programmer I	\$46.73
Peripheral Equipment Operator	\$34.56
Personal Computer Support Technician	\$46.44

**SIN 736-3 – GENERAL SERVICES AND SUPPORT**

**Skill Category**  
**736-3**

**Hourly Rate**

Material Coordinator	\$47.40
Material Expeditor	\$47.40
Material Handling Laborer	\$29.72
Order Filler	\$28.02
Shipping Packer	\$31.43
Shipping/Receiver Clerk	\$31.43
Stock Clerk	\$34.89
Warehouse Specialist	\$34.18
Electronics Technician Maintenance I	\$51.28
Electronics Technician Maintenance II	\$53.97
Electronics Technician Maintenance III	\$56.69

**SIN 736-4 – INFORMATION AND ARTS OCCUPATIONS, INCLUDING  
MISCELLANEOUS OCCUPATIONS**

**Skill Category** **Hourly Rate**

**736-4**

Exhibits Specialist I	<b>\$43.70</b>
Exhibits Specialist II	<b>\$53.24</b>
Exhibits Specialist III	<b>\$64.23</b>
Illustrator I	<b>\$41.20</b>
Illustrator II	<b>\$50.14</b>
Illustrator III	<b>\$60.52</b>
Librarian	<b>\$59.21</b>
Library Aide Clerk	<b>\$36.11</b>
Library Information Technology Systems Administrator	<b>\$52.09</b>
Library Technician	<b>\$44.27</b>
Media Specialist I	<b>\$38.64</b>
Media Specialist II	<b>\$42.78</b>
Media Specialist III	<b>\$47.26</b>
Photographer I	<b>\$35.48</b>
Photographer II	<b>\$39.24</b>
Photographer III	<b>\$47.68</b>
Photographer IV	<b>\$57.53</b>
Photographer V	<b>\$68.82</b>
Video Teleconference Technician	<b>\$40.01</b>

**SIN 736-5 - TECHNICAL AND PROFESSIONAL OCCUPATIONS**

**Skill Category** **Hourly Rate**

**736-5**

Civil Engineering Technician	<b>\$53.03</b>
Drafter/CAD Operator I	<b>\$42.43</b>
Drafter/CAD Operator II	<b>\$47.01</b>
Drafter/CAD Operator III	<b>\$51.98</b>
Drafter/CAD Operator IV	<b>\$63.12</b>
Engineering Technician I	<b>\$33.16</b>
Engineering Technician II	<b>\$36.77</b>
Engineering Technician III	<b>\$40.68</b>
Engineering Technician IV	<b>\$49.50</b>

## SIN 736-5 (Cont'd) - TECHNICAL AND PROFESSIONAL OCCUPATIONS

<b>Skill Category</b> <b>736-5</b>	<b>Hourly Rate</b>
Engineering Technician V	<b>\$59.74</b>
Engineering Technician VI	<b>\$71.46</b>
Environmental Technician	<b>\$46.56</b>
Mathematical Technician	<b>\$59.60</b>
Paralegal/Legal Assistant I	<b>\$40.35</b>
Paralegal/Legal Assistant II	<b>\$49.08</b>
Paralegal/Legal Assistant III	<b>\$59.23</b>
Paralegal/Legal Assistant IV	<b>\$70.84</b>
Technical Writer I	<b>\$44.26</b>
Technical Writer II	<b>\$53.11</b>
Technical Writer III	<b>\$63.37</b>
Manufacturing Engineer	<b>\$58.03</b>
Mechanical Engineer	<b>\$89.35</b>

### **JOB DESCRIPTIONS**

#### **SIN 736-1 - ADMINISTRATIVE SUPPORT AND CLERICAL OCCUPATIONS**

##### **ACCOUNTING CLERK I**

This position is responsible for performing one or more routine accounting clerical operations such as: examining, verifying, and correcting various accounting documents to ensure completeness and accuracy of data in accordance to accounting procedures. Specific tasks/duties are assigned under adequate supervision. Entry-level reconciliation and posting will be assigned under detailed guidance. In most instances, an employee in this position will rely on the supervisors' instructions. Completed work will be reviewed for accuracy and compliance with procedures.

##### **ACCOUNTING CLERK II**

This position uses knowledge of double entry bookkeeping in performing one or more of the following: posting actions to journals, identifying subsidiary accounts affected, making debit and credit entries, and assigning proper codes. The Accounting Clerk II may review computer printouts against manually maintained journals, detect and correct erroneous postings, and prepare documents to adjust accounting classifications and other data, or review lists of transactions rejected by an automated system. In this instance, the Accounting Clerk II will determine reasons for rejections, and prepare necessary correcting material. On routine assignments, an employee will select and apply established procedures and techniques. Detailed instructions are provided for difficult or unusual assignments. Completed work and methods used, are reviewed for technical accuracy.

### **ACCOUNTING CLERK III**

The Accounting Clerk III maintains journals or subsidiary ledgers of an accounting system and balances and reconciles accounts. Typical duties include one or both of the following: 1.) reviewing invoices and statements verifying information, ensuring sufficient funds have been obligated, and if questionable, resolving with the submitting unit determining accounts involved. The review will include coding transactions, and processing material through data processing for application in the accounting system; 2.) analysis and reconciliation of computer printouts with operating unit reports (contacting units, researching causes of discrepancies, and taking action to ensure that accounts balance). Supervisor provides suggestions for handling unusual or non-recurring transactions. Conformance with requirements and technical soundness of completed work are reviewed by the supervisor, or are controlled by mechanisms built into the accounting processes.

### **ADMINISTRATIVE ASSISTANT**

In addition to secretarial duties (filing, taking phone calls, scheduling appointments, making travel arrangements), this position will provide administrative support to executive staff with office management responsibilities to include budgeting, personnel records and payroll. The Administrative Assistant may be required to work independently on projects requiring research and preparation of briefing charts and other presentation materials.

### **COURT REPORTER**

This position records examination, testimony, judicial opinions, judge's charge to jury, judgment or sentence of court, or other proceedings in a court of law by manual or machine shorthand. The Court Reporter reads portions of transcript during trial at the judge's request, and asks speakers to clarify inaudible statements. The Court Reporter transcribes recorded material using a typewriter, or dictates material into a recording machine.

### **DATA ENTRY OPERATOR I**

This position works under close supervision and follows specific procedures or detailed instructions. The Data Entry Operator I works from various standardized source documents that have been coded and require little or no selecting, coding or interpreting of data. Problems such as erroneous items and codes, or missing information are resolved at the supervisory level. Work is routine and repetitive.

### **DATA ENTRY OPERATOR II**

This position requires the application of experience and judgment in selecting procedures to be followed, and searching for interpreting, selecting, or coding items to be entered from a variety of document sources. The Data Entry Operator II may occasionally perform routine work as described for Data Entry Operator I.

Excluded are operators above Level II using the key entry controls to access, read, and evaluate the substance of specific records to take substantive actions, or to make entices requiring a similar level of knowledge.

### **DISPATCHER, MOTOR VEHICLE**

This position is responsible for the assignment of motor vehicles and drivers for conveyance of freight or passengers, and compiles lists of available vehicles. The assignment of vehicles is determined by factors such as length and purpose of trip, freight or passenger requirements, and preference of user. Additional responsibilities include the issuance of keys, record sheets, and driver credentials. The Dispatcher records time of departure, destination, cargo, expected time of return and investigates overdue vehicles. The Dispatcher may confer with customers to expedite or locate missing, misrouted, delayed or damaged merchandise, maintain record of mileage, fuel used, repairs made, and other expenses. The Dispatcher may establish service or delivery routes, supervise loading and unloading, issue equipment to drivers, (such as hand trucks, dollies, and blankets), direct activities of drivers, assign helpers to drivers, work at vehicle distribution centers, and assign vehicles to customer agencies.

**DOCUMENT PREPARATION CLERK (Document Preparer)**

This position prepares documents such as brochures, books, periodicals, catalogs, and pamphlets for copying or photocopying. The Document Preparation Clerk cuts documents into individual standardized pages, using a paper cutter or razor knife. Document pages are reproduced as necessary to improve clarity or to adjust the standardized page size according to the limitations of the designated copy machine. The Document Preparation Clerk stamps standard symbols on pages or inserts instruction cards to notify Duplicating Machine Operator of special handling, prepares cover sheets and document folders for material, and index cards for files, and files folder according to index code and copies priority schedule.

**DUPLICATING MACHINE OPERATOR (Photocopy Machine Operator; Reproduction Worker)**

This position operates one or more photocopying, photographic, mimeograph and duplicating office machines to make copies of documents such as letters, reports, directives, manuals, articles and bulletins. Additional responsibilities include: operating small binding machines, performing clerical duties associated with the request for printing and photographic services, preparing assembly sheets, printing requisitions with specifications for printing and binding, recording, delivering and collecting work. The Duplicating Machine Operator performs minor repairs preventive maintenance, and maintains an inventory of supplies and reproduction equipment paying particular attention to important variables indicated by trade name of machine.

**GENERAL CLERK I**

This position follows clearly detailed specific procedures in completing several repetitive clerical steps performed in a prescribed or slightly varied sequence, such as coding and filing documents in an extensive alphabetical file; could involve simple posting to individual accounts, opening mail, calculating and posting charges to departmental accounts, operating basic office equipment, e.g., photocopier, facsimile, multi-line phone/voicemail systems, mailing machines, and minimal computer programs. Little or no subject-matter knowledge is required, but the clerk uses his or her own judgment in choosing the proper procedure for each task.

## **GENERAL CLERK II**

This position requires familiarity with the terminology of the office unit. The General Clerk selects appropriate methods from a wide variety of procedures or makes simple adaptations and interpretations of a limited number of substantive guides and manuals. The clerical steps often vary in type or sequence, depending on the task. Recognized problems are referred to others.

## **GENERAL CLERK III**

This position uses some subject-matter knowledge and judgment to complete assignments consisting of numerous steps varying in nature and sequence. The General Clerk III selects from alternative methods and refers problems not solvable by adapting or interpreting substantive guides, manuals, or procedures. Typical duties include: assisting in a variety of administrative matters; maintaining a wide variety of financial or other records (stored both manually and electronically); verifying statistical reports for accuracy and completeness; compiling information; and handling and adjusting complaints.

The General Clerk III may also direct lower level clerks. Positions above level IV are excluded. Such positions require workers to use a thorough knowledge of an office's work and routine to: 1) choose among widely varying methods and procedures to process complex transactions; and 2) select or devise steps necessary to complete assignments. Typical jobs covered by this exclusion include administrative assistants, clerical supervisors, and office managers.

## **HOUSING REFERRAL ASSISTANT**

This position provides housing information to an organization's employees moving to a new location. The Housing Referral Assistant will contact individuals or organizations such as landlords, real estate agents, mobile home dealers, trailer court managers and Chambers of Commerce by phone. May correspond to obtain listings of rental or sale properties, future housing prospects, and to develop a working relationship with the housing referral service. Job tasks include: compiling housing lists of rental property and properties for purchase. Periodically the Housing Referral Assistant communicates with contacts to update listings, ensures that property owners comply with the nondiscrimination policy, and counsels applicants with regard to special circumstances, e.g. medical or financial hardships, and availability of housing that will meet applicants' needs.

Job tasks include: providing information regarding community services, searches files, makes telephone calls and referrals, providing information regarding locations, owners, agents, price ranges, loans and other related information. The Housing Referral Assistant maintains daily records of office activities (including number of applicants, number of applicants placed, and agents solicited or listed), schedules appointments for housing inspectors, prepares reports as required, and replies to complaints, investigations and letters of inquiry.

## **ORDER CLERK I**

Handles orders involving items which have readily identified uses and applications. May refer to a catalog, manufacturer's manual or similar document to insure that proper item is supplied or to verify price of ordered item.

### **ORDER CLERK II**

Handles orders that involve making judgments such as choosing which specific product or material from the establishment's product lines will satisfy the customer's needs, or determining the price to be quoted when pricing involves more than merely referring to a price list or making some simple mathematical calculations.

### **PERSONNEL ASSISTANT I**

This position performs a variety of tasks including, but not limited to, clerical and secretarial duties. The work is under general supervision of higher-level personnel in preparation of various human resource tasks throughout compensation, benefits, staffing/employment, EEO procedures and policy administration. The Personnel Assistant I is expected to exercise discretion at all times; limited judgment may be necessary at times. This assistant may be required to operate general office equipment such as: typewriter, personal computer, copier, adding machine, and facsimile.

### **PERSONNEL ASSISTANT II**

This position serves as a clerical expert in independently processing the most complicated types of personnel actions, e.g., temporary employment, rehires, and dismissals. In this position, one may perform tasks beyond routine clerical such as: pre-employment drug screening and new hire orientation, responding to routine questions on policy and procedures, and/or provide reports on employee turnover or time and attendance. This assistant may be asked to evaluate and consolidate information from various sources under short deadlines, such as internal or external survey information, reporting on company employment statistics (retention, equal opportunity reporting, etc). The Personnel Assistant II may provide guidance to lower level Personnel Assistants. This level requires extensive knowledge of various office software packages. Guidance is provided as needed. Completed written work receives close technical review from higher-level personnel office employees. Work may be checked occasionally.

### **PERSONNEL ASSISTANT III**

This position performs work in support of human resource professionals that requires a good working knowledge of personnel procedures, guides, and precedents. Job tasks may include interviewing applicants, obtaining references, and recommending placement in a well-defined occupation. At this level, assistants typically have a range of personal contacts within and outside the organization, in addition to handling employee-sensitive material. Therefore, the Assistant must be tactful, discrete, and articulate. This Assistant may be involved in identifying potential issues and grievance procedures, in addition to documenting necessary information to avoid company threat. The Personnel Assistant III may make recommendations to human resource professionals on job classification, wage rates, and employee salaries. The use of computers may be relied on heavily for organizational and reporting purposes. Advanced experience with office software packages may be needed. This Assistant may perform some clerical work in addition to the above duties. Supervisor will review completed work against stated objectives.

### **PRODUCTION CONTROL CLERK**

This position compiles and records production data for industrial establishments to compare records and reports on volume of production, consumption of material, quality control, and other aspects of production. May perform any combination of the following duties: compile and record production data from customer orders, work tickets, product specifications, and individual worker production sheets following prescribed recording procedures and using different word processing techniques. This Clerk calculates such factors as types and quantities of items produced, materials used, amount of scrap, frequency of defects, and worker and department production rates, using a computer, calculator, and/or spreadsheets. Additional tasks include: writing production reports based on data compiled, tabulated and computed, following prescribed formats, maintaining files of documents used and prepared, compiling detailed production sheets or work tickets for use by production workers as guides in assembly or manufacture of products. This Clerk prepares written work schedules based on established guidelines and priorities, compiles material inventory records and prepares requisitions for procurement of materials and supplies charts production using chart, graph, or pegboard based on statistics compiled for reference by production and management personnel. This Clerk also sorts and distributes work tickets or material and may compute wages from employee time cards and post wage data on records used for preparation of payroll.

### **RECEPTIONIST**

This position greets visitors, determining nature of visits and directing visitors to appropriate persons. The Receptionist may also have other duties such as recording and transmitting messages; keeping records of calls placed; providing information to callers and visitors; making appointments; keeping a log of visitors; and issuing visitor passes. In this position, one may also work on a computer and perform other routine clerical work that may occupy the major portion of the worker's time.

### **RENTAL CLERK**

This position performs clerical duties concerned with rental and management of public housing projects answers telephone and responds to requests for maintenance, complaints, rental information or, as appropriate, forwards calls to senior officials. The Rental Clerk receives rental payments and other income, assesses late charges, applies cancellation stamp required by government housing agency, writes receipts, and prepares rental transmittal forms and collection logs for government accounting system. This Clerk receives security deposits and prepares tenant receipts, prepares bank deposits, maintains tenant files, and follows up on income re-certifications.

### **SCHEDULER, MAINTENANCE**

This position schedules vehicle repairs and lubrication for vehicle-maintenance, schedules vehicles for lubrication or repairs based on date of last lubrication and mileage traveled or urgency of repairs. The Maintenance Scheduler contacts garage to verify availability of facilities, notifies parking garage workers to deliver specified vehicles, and maintains a file of requests for services.

### **SECRETARY I**

Organizational structure is not complex and internal procedures and administrative controls are simple and informal; supervisor directs staff through face-to-face meetings.

Carries out recurring office procedures independently, and selects the guideline or reference that fits the specific case. The supervisor provides specific instructions on new assignments and checks completed work for accuracy. The Secretary I performs varied duties including or comparable to the following: Responds to routine telephone requests which have standard answers; refers calls and visitors to appropriate staff. Controls mail and assures timely staff response; may send form letters. As instructed, maintains supervisor's calendar, makes appointments, and arranges for meeting rooms. Reviews materials prepared for supervisor's approval for typographical accuracy and proper format. Maintains recurring internal reports, such as: time and leave records, office equipment listings, correspondence controls, training plans, etc. Requisitions supplies, printing, maintenance, or other services. Types, takes and transcribes dictation, and establishes and maintains office files.

### **SECRETARY II**

Organizational structure is complex and is divided into subordinate groups that usually differ from each other as to subject matter, function, etc.; supervisor usually directs staff through intermediate supervisors; and internal procedures and administrative controls are formal.

Handles differing situations, problems, and deviations in the work of the office according to the supervisor's general instructions, priorities, duties, policies, and program goals. Supervisor may assist secretary with special assignments. Screens telephone calls, visitors, and incoming correspondence; personally responds to requests for information concerning office procedures; determines which requests should be handled by the supervisor, appropriate staff member or other offices. May prepare and sign routine, nontechnical correspondence in own or supervisor's name. Schedules tentative appointments without prior clearance. Makes arrangements for conferences and meetings and assembles established background materials, as directed. May attend meetings and record and report on the proceedings. Reviews outgoing materials and correspondence for internal consistency and conformance with supervisor's procedures. Assures that proper clearances have been obtained, when needed. Collects information from the files or staff for routine inquiries on office program(s) or periodic reports. Refers nonroutine requests to supervisor or staff. Explains to subordinate staff supervisor's requirements concerning office procedures. Coordinates personnel and administrative forms for the office and forwards for processing.

### **SECRETARY III**

Organizational structure is divided into two or more subordinate supervisory levels (of which at least one is a managerial level) with several subdivisions at each level. Executive's program(s) are usually interlocked on a direct and continuing basis with other major organizational segments, requiring constant attention to extensive formal coordination, clearances, and procedural controls. Executive typically has: financial decision-making authority for assigned program(s); considerable impact on the entire organization's financial position or image; and responsibility for, or has staff specialists in such areas as, personnel and administration for assigned organization. Executive plays an important role in determining the policies and major programs of the entire organization, and spends considerable time dealing with outside parties actively interested in assigned program(s) and current or controversial issues.

Secretary III uses greater judgment and initiative to determine the approach or action to take in non-routine situations, interprets and adapts guidelines, including unwritten policies, precedents, and practices, which are not always completely applicable to changing situations. Duties include or are comparable to the following: Based on knowledge of the supervisor's views, compose correspondence on own initiative about administrative matters and general office policies for supervisor's approval. Anticipate and prepare materials needed by the supervisor for conferences, correspondence, appointments, meetings, telephone calls, etc., and informs supervisor on matters to be considered. Read publications, regulations, and directives and take action or refer those that are important to the supervisor and staff. Prepare special or one-time reports, summaries, or replies to inquiries, selecting relevant information from a variety of sources such as reports, documents, correspondence, other offices, etc., under general directions. Advise secretaries in subordinate offices on new procedures; request information needed from the subordinate office(s) for periodic or special conferences, reports, inquiries, etc., and shifts clerical staff to accommodate workload needs.

The Secretary III advises individuals outside the organization on the executive's views on major policies or current issues facing the organization; contacts or responds to contact from high-ranking outside officials (e.g., city or state officials, members of congress, presidents of national unions or large national or international firms, etc.) in unique situations. These officials may be relatively inaccessible, and each contact typically must be handled differently, using judgment and discretion.

(Typically, secretaries performing at the higher levels of responsibility also perform duties described at the lower levels.)

### **SERVICE ORDER DISPATCHER**

This position receives, records, and distributes work orders to service crews upon customers' requests for service on articles or utilities purchased from wholesale or retail establishment or utility company, records information, such as name, address, article to be repaired, or service to be rendered, prepares work order and distributes to service crew, schedules service calls and dispatches service crew. The Service Order Dispatcher calls or writes the customer to insure satisfactory performance of service, keeps record of service calls and work orders, may dispatch orders and relay messages and special instructions to mobile crews and other departments using radio or cellular telephone equipment.

### **SUPPLY TECHNICIAN**

This position performs limited aspects of technical supply management work (e.g., inventory management, storage management, cataloging, and property utilization) related to depot, local, or other supply activities. Work usually is segregated by commodity area or function, and controlled in terms of difficulty, complexity, or responsibility. Assignments usually relate to stable or standardized segments of technical supply management operations; or to functions or subjects that are narrow in scope or limited in difficulty. The work generally involves individual case problems or supply actions. This work may require consideration of program requirements together with specific variations in or from standardized guidelines. Assignments require:

(a) a good working knowledge of the governing supply systems, programs, policies, nomenclature, work methods, manuals, or other established guidelines; (b) an understanding of the needs of the organization serviced; and (c) analytical ability to define or recognize the dimension of the problems involved, to collect the necessary data to establish the facts, and take or recommend action based upon application or interpretation of established guidelines.

**SURVEY WORKER (Interviewer)**

This position interviews people to obtain information on topics such as public issues or consumer buying habits, contacts people at home business or by telephone following specified sampling procedures, or approaches them at random on street. The Survey Worker asks questions relative to items on a form or questionnaire, records answers, assists persons in filling out forms, and may review, sort, classify and file forms according to specified procedures and criteria. This worker may participate in federal, state or local census surveys.

**TRAVEL CLERK I**

Under close supervision or following specific procedures and detailed instructions, The Travel Clerk I arranges travel on one or two modes of transportation. Travel is usually recurrent by the same modes, carriers, routes and same major points of origin and destination, seldom involving special transportation privileges or requiring special allowances or planning for supplemental transportation facilities. When such services are required, they do not occur in such variety or with such frequency as to create problems of timing or coordination.

**TRAVEL CLERK II**

Travel usually involves the use of two or more modes of transportation. Information on carriers, modes and facilities is readily available since most carriers servicing the area maintain local facilities or publish information regularly. Single carriers or connecting carriers have schedules that are easily coordinated using readily obtainable timetables or guides.

Travel is frequently recurrent. A substantial number of problems arise because of rerouting, and there are often side trips requiring changes of transportation. Travel is usually to areas accessible by direct line, or established connecting points and normal modes of transportation. Travel is not always planned well in advance so there may be major problems of scheduling or accommodations.

Travel involves special transportation privileges or special allowances and requires authorization or planning for supplemental or special transportation facilities, and when such services are required, they usually do not occur in such variety or with such frequency as to create major problems of timing or coordination.

Within general guidelines, employees select and apply appropriate travel guides, methods, techniques, and work sequences to effectively accomplish the work. The majority of assignments are performed without technical assistance, but unusually difficult travel situations or problem cases encountered during the course of the work are referred to the supervisor before decision or commitment. Review of work is for compliance with regulatory guides and program policies and for soundness of decisions and conclusions.

### **TRAVEL CLERK III**

At this level, all major modes of transportation are used, as most individual trips involve combinations of more than one mode. Travel is varied, often not recurrent and periodically requires planning for relatively inaccessible intermediate or destination points. Routings are diverse and there is a necessity for frequent rerouting, re-planning, or rearranging, with many side trips requiring changes in modes of travel and creating substantial difficulty in routing and scheduling connections.

A substantial amount of travel involves special allowances or requires authorization and planning for supplementary or special transportation facilities. It is frequently difficult to obtain the required information.

The incumbent is characterized by independence of action, with very little instruction, guidance, and review, except for review of accomplishments of broad objectives and conformance to policy. The incumbent is viewed as the authority on travel matters, including the furnishing of advice and information to travelers, administrative officials and others; and has responsibility as the principal liaison with all elements, carriers, and facilities.

### **WORD PROCESSOR I**

This position produces a variety of standard documents, such as correspondence, form letters, reports, tables and other printed materials. Work requires skill in typing; a knowledge of grammar, punctuation and spelling; and ability to use reference guides and equipment manuals. The Word Processor I performs familiar, routine assignments following standard procedures, seeks further instructions for assignments requiring deviations from established procedures.

### **WORD PROCESSOR II**

This position uses knowledge of varied and advanced functions of one software type, knowledge of varied functions of different types of software, or knowledge of specialized or technical terminology to perform such typical duties as:

- a. Editing and reformatting written or electronic drafts. Examples include: correcting function codes; adjusting spacing formatting and standardizing headings, margins, and indentations.
- b. Transcribing scientific reports, lab analysis, legal proceedings, or similar material from voice tapes or handwritten drafts. Work requires knowledge of specialized, technical, or scientific terminology.

Work requires familiarity with office terminology and practices. Incumbent corrects copy, and questions originator of document concerning missing information, improper formatting, or discrepancies in instructions. Supervisor sets priorities and deadlines on continuing assignments, furnishes general instructions for recurring work and provides specific instructions for new or unique projects, may lead lower level word processors.

### **WORD PROCESSOR III**

Requires both a comprehensive knowledge of word processing software applications and office practices and a high degree of skill in applying software functions to prepare complex and detailed documents. For example, processes complex and lengthy technical reports which include tables, graphs, charts, or multiple columns. Uses either different word processing packages or many different style macros or special command functions; independently completes assignments and resolves problems.

## **SIN 736-2 - AUTOMATIC DATA PROCESSING OCCUPATIONS**

### **COMPUTER OPERATOR I**

Works under close personal supervision and is provided detailed written or oral guidance before and during assignments. As instructed, resolves common operating problems. May serve as an assistant operator working under close supervision or performing a portion of a more senior operator's work.

### **COMPUTER OPERATOR II**

The Computer Operator II processes scheduled routines that present few difficult operating problems (e.g., infrequent or easily resolved error conditions). In response to computer output instructions or error conditions, this worker applies standard operating or corrective procedure, refers problems that do not respond to preplanned procedure, and may serve as an assistant operator, working under general supervision.

### **COMPUTER OPERATOR III**

The Computer Operator III processes a range of scheduled routines. In addition to operating the system and resolving common error conditions, this worker diagnoses and acts on machine stoppage and error conditions not fully covered by existing procedures and guidelines (e.g., resetting switches and other controls or making mechanical adjustments to maintain or restore equipment operations). In response to computer output instructions or error conditions, the Computer Operator III may deviate from standard procedures if standard procedures do not provide a solution and refers problems which do not respond to corrective procedures to a person of supervisory or higher individual contributor level.

### **COMPUTER OPERATOR IV**

The Computer Operator IV adapts to a variety of nonstandard problems that require extensive operator intervention (e.g. frequent introduction of new programs, applications, or procedures). In response to computer output instructions or error conditions, this worker chooses or devises a course of action from among several alternatives and alters or deviates from standard procedures if standard procedures do not provide a solution (e.g. reassigning equipment in order to work around faulty equipment or transfer channels); then refers problems if necessary. Typically, completed work is submitted to users without supervisory review.

### **COMPUTER OPERATOR V**

The Computer Operator V resolves a variety of difficult operating problems (e.g. making unusual equipment connections and rarely used equipment and channel configurations to direct processing through or around problems in equipment, circuits, or channels or reviewing test run requirements and developing unusual system configurations that will allow test programs to process without interfering with ongoing job requirements). In response to computer output instructions and error conditions or to avoid loss of information or to conserve computer time, operator deviates from standard procedures. Such actions may materially alter the computer unit's production plans. This operator may spend considerable time away from the control station providing technical assistance to lower level operators and assisting programmers, systems analysts, and subject matter specialists with resolution of problems.

### **COMPUTER PROGRAMMER I**

The Computer Programmer I assists higher level staff by performing elementary programming tasks which concern limited and simple data items and steps which closely follow patterns of previous work done in the organization, e.g. drawing flow charts, writing operator instructions, or coding and testing routines to accumulate counts, tallies, or summaries. This worker may perform routine programming assignments (as described in Level II) under close supervision.

In addition to assisting higher level staff, the Computer Programmer I may perform elementary fact-finding concerning a specified work process, e.g., a file of clerical records which is treated as a unit (invoices, requisitions, or purchase orders, etc.) and then report findings to higher level staff. May receive training in elementary fact-finding. Detailed step-by-step instructions are given for each task, and any deviation must be authorized by a supervisor. Work is closely monitored in progress and reviewed in detail upon completion.

### **PERIPHERAL EQUIPMENT OPERATOR**

The Peripheral Equipment Operator operates peripheral equipment that directly supports digital computer operations. Such equipment is uniquely and specifically designed for computer applications, but need not be physically or electronically connected to a computer. Printers, plotters, tape readers, tape units or drives, disk units or drives, and data display units are examples of such equipment.

The following duties characterize the work of a Peripheral Equipment Operator:

Loads printers and plotters with correct paper; adjusting controls for forms, thickness, tension, printing density, and location; and unloading hard copy;

Labels tape reels, or disks;

Checks labels and mounting and dismounting designated tape reels or disks on specified units or drives;

Sets controls which regulate operation of the equipment;

Observes panel lights for warnings and error indications and taking appropriate action;

Examines tapes, cards, or other material for creases, tears or other defects that could cause processing problems.

Excludes workers who monitor and operate a control console or a remote terminal, or whose duties are limited to operating decollators, busters, separators, or similar equipment.

### **PERSONAL COMPUTER SUPPORT TECHNICIAN**

The Personal Computer Support Technician provides support to distributed PC/networking environment including installation, testing, repair, and troubleshooting for stand-alone PCs, PCs linked to networks, printers, and other computer peripherals. Support responsibilities include software installation, and configurations. This technician performs technical, operational, and training support to users of personal computers either by telephone, or on-site for PC desktop hardware and software packages. Job duties require the technician to install and test personal computers, printers, and other peripherals, configure operating system, load shrink-wrap programs and other application software programs. In this position, the incumbent troubleshoots computer problems, performs hardware and software diagnostics, coordinates needed repairs, resolves computer system problems, including coordination between users and components of a local area network, and participates in the evaluation of system configuration and software.

### **736-3 - GENERAL SERVICES AND SUPPORT OCCUPATIONS**

#### **MATERIAL COORDINATOR**

The Material Coordinator coordinates and expedites flow of material, parts, and assemblies within or between departments in accordance with production and shipping schedules or department supervisors' priorities. In this job, the Material Coordinator reviews production schedules and confers with department supervisors to determine material required or overdue and to locate material, requisitions material and establishes delivery sequences to departments according to job order priorities and anticipated availability of material; arranges for in-plant transfer of materials to meet production schedules, and with department supervisors for repair and assembly of material and its transportation to various departments, and examines material delivered to production departments to verify if type specified.

This Worker may monitor and control movement of material and parts along conveyor system, using remote-control panel board, compute amount of material needed for specific job orders, applying knowledge of product and manufacturing processes and using adding machine; compile report of quantity and type of material on hand, move or transport material from one department to another, using hand or industrial truck; may compile perpetual production records in order to locate material in process of production, using manual or computerized system, and maintain employee records.

#### **MATERIAL EXPEDITER**

The Material Expediter executes the following: locates and moves materials and parts between work areas of plant to expedite processing of goods, according to pre-determined schedules and priorities, and keeps related record, reviews production schedules inventory reports, and work orders to determine types, quantities, and availability of required material and priorities of customer orders, confers with department supervisors to determine materials overdue and to inform them of location, availability, and condition of materials, locates and moves materials to specified production areas, using cart or hand truck, and records quantity and type of materials distributed and on hand. Work may include the following tasks: directing Power-Truck Operator or Material Handling Laborer to expedite movement of materials between storage and production areas, compare work ticket specifications with material at work

stations to verify appropriateness of material in use, prepare worker production records and timecards, and may update and maintain inventory records, using computer terminal.

### **MATERIAL HANDLING LABORER**

This person will perform physical tasks to transport or store materials or merchandise. Duties involve one or more of the following: manually loading or unloading freight cars, trucks, or other transporting devices; unpacking, shelving, or placing items in proper storage locations; or transporting goods by hand truck, cart, or wheelbarrow.

Excluded from this definition are workers whose primary function involves:

- a. Participating directly in the production of goods (e.g., moving items from one production station to another or placing them on or removing them from the production process);
- b. Stocking merchandise for sale;
- c. Counting or routing merchandise;
- d. Operating a crane or heavy-duty motorized vehicle such as forklift or truck;
- e. Loading and unloading ships (alongshore workers);
- f. Traveling on trucks beyond the establishment's physical location to load or unload merchandise.

### **ORDER FILLER**

The Order Filler fills shipping or transfer orders for finished goods from stored merchandise in accordance with specifications on sales slips, customers' orders, or other instructions. This worker may, in addition to filling orders and indicating items filled or omitted, keep records of outgoing orders, requisition additional stock or report short supplies to supervisor, and perform other related duties.

### **SHIPPING PACKER**

Someone in this position prepares finished products for shipment or storage by placing them in shipping containers, the specific operations performed being dependent upon the type, size, and number of units to be packed, the type of container employed, and method of shipment. Work requires the placing of items in shipping containers, and may involve one or more of the following: knowledge of various items of stock in order to verify content, selection of appropriate type and size of container, inserting enclosures in container; using excelsior or other material to prevent breakage or damage, closing and sealing container, and applying labels or entering identifying data on container.

Exclude packers who also make wooden boxes or crates.

### **SHIPPING/RECEIVING CLERK**

The Shipping/Receiving Clerk performs clerical and physical tasks in connection with shipping goods of the establishment in which employed and receiving incoming shipments. In performing day-to-day, routine tasks, this worker follows established guidelines. In handling unusual non-routine problems, this worker receives specific guidance from supervisor or other officials. This incumbent may direct and coordinate the activities of other workers engaged in handling goods to be shipped or being received. Shipping duties typically involve the following: verifying that orders are accurately filled by comparing items and quantities of goods gathered for shipment against documents; insuring that shipments are properly packaged, identified with shipping information, and loaded into transporting vehicles, and preparing and keeping records of goods shipped, e.g., manifests, bills of lading. Receiving duties typically involve the following: verifying the correctness of incoming shipments by comparing items and quantities unloaded against bills of lading, invoices, manifests, storage receipts, or other records, checking for damaged goods, insuring that goods are appropriately identified for routing to departments within the establishment, and preparing and keeping records of goods received.

### **STOCK CLERK**

The Stock Clerk receives, stores, and issues equipment, materials, supplies, merchandise, foodstuffs, or tools, and compiles stock records of items in stockroom, warehouse or storage yard. This worker sorts, or weighs incoming articles to verify receipt of items on requisition or invoice, examines stock to verify conformance to specifications, stores articles in bins, on floor or on shelves, according to identifying information, such as style, size or type of material, fills orders or issues supplies from stock, prepares periodic, special or perpetual inventory of stock, and requisitions articles to fill incoming orders. This worker also compiles reports on use of stock handling equipment, adjustments of inventory counts and stock records, spoilage of or damage to stock, location changes, and refusal of shipments, may mark identifying codes, figures, or letters on articles, may distribute stock among production workers, keeping records of material issued, may make adjustments or repairs to articles carried in stock, and may cut stock to site to fill order.

### **WAREHOUSE SPECIALIST (Warehouse Worker)**

As directed, the Warehouse Specialist performs a variety of warehousing duties that require an understanding of the establishment's storage plan. Work involves most of the following: verifying materials (or merchandise) against receiving documents, noting and reporting discrepancies and obvious damages, routing materials to prescribed storage locations; storing, stacking, or palletizing materials in accordance with prescribed storage methods, rearranging and taking inventory of stored materials, examining stored materials and reporting deterioration and damage, removing material from storage and preparing it for shipment. This worker may operate hand or power trucks in performing warehousing duties.

Note: Exclude workers whose primary duties involve shipping and receiving work (see Shipping/Receiving Clerk), order filling (see Order Filler), or operating forklifts (see Forklift Operator).

### **ELECTRONICS TECHNICIAN MAINTENANCE I**

The Electronics Technician Maintenance I applies basic technical knowledge to perform simple or routine tasks following detailed instructions, performs such tasks as replacing components, wiring circuits, repairing simple electronic equipment; and taking test readings using common instruments such as digital multi-meters, signal generators, semiconductor testers, curve tracers, and oscilloscopes. This person works under close supervision receiving technical guidance from supervisor or higher-level technician. Work is checked frequently for accuracy.

### **ELECTRONICS TECHNICIAN MAINTENANCE II**

The Electronics Technician Maintenance II applies basic and some advanced technical knowledge to solve routine problems by interpreting manufacturers' manuals or similar documents. Work requires familiarity with the interrelationships of circuits and judgment in planning work sequence, in selecting tools, testing instruments, and is reviewed for compliance with accepted practices. This technician works under immediate supervision and achieves technical guidance, as required, from supervisor or higher-level technician.

### **ELECTRONICS TECHNICIAN MAINTENANCE III**

The Electronics Technician Maintenance III applies advanced technical knowledge to solve complex problems that typically cannot be solved solely by referencing manufacturers' manuals or similar documents. Examples of such problems include determining the location and density of circuitry, evaluating electromagnetic radiation, isolating malfunctions, and incorporating engineering changes. Work typically requires an understanding of the interrelationships of circuits, exercising independent judgment in performing such tasks as making circuit analyses, calculating wave forms, and tracing relationships in signal flow, using complex test instruments such as high frequency pulse generators, frequency synthesizers, distortion analyzers, and complex computer control equipment. Work may be reviewed by supervisor for general compliance with accepted practices. This position may provide technical guidance to lower level technicians.

## **736-4 - INFORMATION AND ARTS OCCUPATIONS**

### **EXHIBITS SPECIALIST I**

At this level, the Exhibits Specialist brings to the job manual dexterity, mechanical skill, and/or artistic skill, plus aptitude for learning exhibits techniques. They perform duties related to the fabrication, finishing and repair of exhibits while acquiring training in museum or exhibits techniques.

### **EXHIBITS SPECIALIST II**

At this level, the Exhibits Specialist perform independently the phases of work in which they are proficient, and receive training in the more complex processes. Duties relate to the fabrication, finishing and maintenance of exhibits that require a high degree of manual dexterity and moderate but varied artistic skills. Generally, they work from accurate scale drawings, blueprints or sketches with instructions as to the materials to be used and the colors to be matched. On the phases of the work with which they are thoroughly familiar, and within the framework of accepted and proven methods and techniques, there is considerable latitude of choice in execution. The supervisor checks their work at the completion of each phase on work that involves several processes or stages of development.

### **EXHIBITS SPECIALIST III**

At this level, the Exhibits Specialist is responsible for the construction of portions of more complex exhibits, such as models, three-dimensional training aids, or complex exhibit cases and other exhibit furniture. Complexity of work may be indicated by: (a) subject matter which requires extensive study and search of the literature; (b) the need to demonstrate the significance of an event or development; (c) the need to present the development or evaluation of an event; and (d) subject matter involving several disciplines. Another area of work at this level includes the planning of detailed work processes and actual restoration work on historic structures or valuable items, or the construction of replicas or models requiring greater skill than is required for the work at the Exhibits Specialist II level. At level III, Exhibits Specialists are comparatively free to use judgment in selecting work methods and materials, and developing techniques and color schemes.

### **ILLUSTRATOR I**

Duties for this position require the ability to use common media such as tempera, oils, pen-and-ink, or pencil with average skill. The Illustrator I copies drawings, either by tracing or freehand; applies coloring or wash to line drawings; letters by hand or by use of templates, and does detail or background work on illustrations which have been prepared by an illustrator of higher grade. When working with scientific subjects and technical equipment this Illustrator acquires basic knowledge of subject matter field and develops information about the field of work that will be illustrated. When working in the general fields of illustrating, someone in this position acquires necessary information about subject of the illustrations or applies general knowledge to the subject.

### **ILLUSTRATOR II**

The Illustrator II usually is assigned to projects involving several of the common art media such as pen-and-ink, pencil, tempera, wash, oils, and airbrush over a period of time. These projects require the Illustrator to be proficient in the use of these media and in executing acceptable drawings in many styles. Generally, Illustrator II executes drawings that have been conceived by others and presented in the form of rough sketches. This illustrator does not exercise an extensive knowledge of the subject matter involved when preparing medical, scientific or technical equipment illustrations, but does acquire information about the subject assigned to illustrate and develop a background of subject matter knowledge through carrying out these illustrating assignments. However, the kind of illustrating work assigned does not require an extensive prior knowledge about the subjects illustrated.

### **ILLUSTRATOR III**

The projects to which the Illustrator III are assigned, usually involve several of the common art media (as in the case of Illustrator II), but the illustrations themselves typically require a higher degree of skill in the use of many of the media. This degree of skill is required for the following reasons: (a) the speed with which the illustration must be completed requires the ability to work quickly and competently in order to produce an acceptable finished product within the available time limit. (b) The illustration calls for the use of fine detail, special artistic effects, or an unusual use of the chosen medium or; (c) The method of reproduction, how the illustration will be used, or the information or artistic results desired, calls for exceptional care and skill in the use of the medium.

The themes illustrated may be either concrete in nature or they may represent ideas and abstract concepts. The illustrations differ from those typical of Illustrator II in that they

are expected to interpret the publications, chart, poster, or exhibit in which they appear, while Illustrator II presents factual, rather than interpretative material. Illustrator III is required to have knowledge of a specialized subject matter field such as medicine, science, or technical equipment, and will prepare illustrations that are designed to reproduce the appearance of specific medical or scientific specimens or of pieces of technical equipment.

### **LIBRARIAN**

The Librarian maintains library collections of books, serial publications, and documents, audiovisual and other materials and assists groups and individuals in locating and obtaining materials, furnishes information on library activities, facilities, rules and services, explains and assists in use of reference sources, such as card or book catalog, or book and periodical indexes to locate information. This worker issues and receives materials for circulation or use in library, assembles and arranges displays of books and other library materials, maintains reference and circulation materials. The Librarian also answers correspondence on special reference subjects, may compile list of library materials according to subjects or interests, and may select, order, catalog and classify materials.

### **LIBRARY AIDE CLERK**

The Library Aide/Clerk works under the supervision of Librarian and Library Technician at the main circulation desk following simple repetitive tasks including; issuing library cards, explaining library rules and borrowing procedures, recording information such as reports of lost or damaged items, requests for materials, and overdue materials and refers this information to Library Technician or Librarian. This Worker contacts borrowers by telephoning or issuing overdue notices, shelves books, magazines, and other materials under supervision of Library Technician or Librarian, accesses and enters limited routine information in a few screens of automated database, performs routine clerical duties such as referring callers or visitors to appropriate staff, and assists Library Technician with processing duties such as labeling and stamping and preparing materials such as posters or book lists for events.

### **LIBRARY INFORMATION TECHNOLOGY SYSTEMS ADMINISTRATOR**

The Library Information Technology Systems Administrator administers and supports daily operational requirements of library and information computer network systems including workstation, file servers, and web servers. Duties typically involve the installation of hardware, software, systems upgrades, network accounts, network security, and web page design, interface and updates, planning and implementing long-range automation plan, period reports, and local system design documentation. This Administrator trains staff on software applicable to their position, assists patrons with information technology, and provides instruction on computers and applications.

### **LIBRARY TECHNICIAN**

The Library Technician provides information service such as answering questions regarding card catalogs and assists in the use of bibliographic tools, such as Library of Congress catalog. The incumbent performs routine cataloging of library materials, files cards in catalog drawers according to system used, answers routine inquiries, and refers persons requiring professional assistance to Librarian. This Technician verifies bibliographic information on order requests, works or directs workers in maintenance of stacks or in section of department or division with tasks such as ordering or receiving

section of acquisitions department, card preparation activities in catalog department, or limited loan or reserve desk operation of circulation department.

### **MEDIA SPECIALIST I**

The Media Specialist I maintains library of media (tapes, cassettes and microfiche), which presents few difficult data processing problems (e.g. damaged media or misplaced media). In response to data processing problems, this person applies data processing or corrective procedures, refers problems which do not have preplanned procedures, and works under general supervision of the higher-level Media Specialists.

### **MEDIA SPECIALIST II**

This Specialist maintains a range of media (tapes, cassettes and microfiche). In addition to maintaining the media library and resolving common data processing problems, the incumbent diagnoses and acts on media errors not fully covered by existing procedures and guidelines (e.g., tape, disposition or making mechanical adjustments to maintain or restore media equipment). In response to media error reports, this Worker may deviate from standard procedures if standard procedures do not provide a solution and refers still-unresolved problems to Media Specialist III.

### **MEDIA SPECIALIST III**

The Media Specialist III adapts to a variety of nonstandard problems that require extensive specialist assistance (e.g., expiration date on media, media internally labeled incorrectly or frequent introduction of new media technology). In response to media error conditions, this Worker chooses or devises a course of action from among processing tanks and dryer, around polished drum, and onto take-up reel. The specialist turns valves to fill tanks with premixed solutions such as developer, dyes, stop-baths, fixers, bleaches, and washes, moves thermostatic control to keep steam-heated drum at specified temperature, and splices sensitized paper to leaders using tape. The specialist then starts machine and throws switches to synchronize drive speeds of processing and drying units, compares processed prints with color standard, reports variations to control department, adds specified amount of chemicals to renew solutions, and maintains production records.

### **PHOTOGRAPHER I**

The Photographer I takes routine pictures in situations where several shots can be taken. This Photographer uses standard still cameras for pictures lacking complications, such as speed, motion, color contrast, or lighting. Photographs are taken for identification, employee publications, information, or publicity purposes. Workers must be able to focus, center, and provide simple flash-type lighting for an uncomplicated photograph. Typical subjects are employees who are photographed for identification, award ceremonies, interviews, banquets or meetings; or external views of machinery, supplies, equipment, building, damaged shipments, or other subjects photographed to record conditions. Assignments usually are performed without direct guidance due to the clear and simple nature of the desired photograph.

## **PHOTOGRAPHER II**

This Photographer uses standard still cameras, commonly available lighting equipment and related techniques to take photographs, which involve limited problems of speed, motion, color contrast, or lighting. Typically, the subjects photographed are similar to those at Level I, but the technical aspects require more skill. Based on clear-cut objectives, this Worker determines shutter speeds, lens settings and filters, camera angles, exposure times, and type of film. This position requires familiarity with the situation gained from similar past experience to arrange for specific emphasis, balanced lighting, and correction for distortion, etc., as needed. The Photographer II may use 16mm or 35mm motion picture cameras for simple shots such as moving equipment or individuals at work or meetings, where available or simple artificial lighting is used. Ordinarily, there is opportunity for repeated shots or for retakes if the original exposure is unsatisfactory. This Photographer consults with supervisor or photographers that are more experienced when problems are anticipated.

## **PHOTOGRAPHER III**

The Photographer III selects from a range of standard photographic equipment for assignments demanding exact renditions, normally without opportunity for later retakes, when there are specific problems or uncertainties concerning lighting, exposure time, color, artistry, etc. Job tasks require this worker to discuss technical requirements with operating officials or supervisor and customize treatment for each situation according to a detailed request, vary camera processes and techniques, and use the setting and background to produce esthetics, as well as accurate and informative pictures. Typically, standard equipment is used at this level, although "specialized" photography can be performed using some special-purpose equipment under closer supervision.

In typical assignments, the Photographer III photographs the following: (1) drawings, charts, maps, textiles, etc., requiring accurate computation of reduction ratios and exposure times and precise equipment adjustments; (2) tissue specimens in fine detail and exact color when color and condition of the tissue may deteriorate rapidly; (3) medical or surgical procedures or conditions which normally cannot be recaptured; (4) machine or motor parts to show wear or corrosion in minute wires or gears; (5) specialized real estate, goods and products for catalogs or listings when salability is enhanced by the photography; (6) work, construction sites, or patrons in prescribed detail to substantiate legal claims, contracts, etc.; (7) artistic or technical design layouts requiring precise equipment settings; and (8) fixed objects on the ground or air-to-air objects which must be captured quickly and require directing the pilot to get the correct angle of approach. This person works independently; solves most problems through consultations with more experienced photographers, if available, or through reference sources.

## **PHOTOGRAPHER IV**

The Photographer IV uses special-purpose cameras and related equipment for assignments in which the photographer usually makes all the technical decisions, although the objective of the pictures is determined by operating officials. This Worker conceives and plans the technical photographic effects desired by operating officials and discusses modifications and improvements to their original ideas in light of the potential and limits of the equipment, improvises photographic methods and techniques or selects and alters secondary photographic features (e.g., scenes, backgrounds, colors, lighting). Many assignments afford only one opportunity to photograph the subject. Typical examples of equipment used at this level include ultra-high speed, motion picture

production, studio television, animation cameras, specialized still and graphic cameras, electronic timing and triggering devices, etc.

Some assignments are characterized by extremes in light values and the use of complicated equipment. This photographer sets up precise photographic measurement and control equipment; uses high speed color photography, synchronized stroboscopic (interval) light sources, and/or timed electronic triggering; operates equipment from a remote point; or arranges and uses cameras operating at several thousand frames per second. In other assignments, selects and sets up motion picture or television cameras and accessories and shoots a part of a production or a sequence of scenes, or takes special scenes to be used for background or special effects in the production. This person works under guidelines and requirements of the subject-matter area to be photographed, and consults with supervisors only when dealing with highly unusual problems or altering existing equipment.

### **PHOTOGRAPHER V**

As a top technical expert, the Photographer V exercises imagination and creative ability in response to photography situations requiring novel and unprecedented treatment. This worker typically performs one or more of the following assignments: (1) develops and adapts photographic equipment or processes to meet new and unprecedented situations, e.g. works with engineers and physicists to develop and modify equipment for use in extreme conditions such as excessive heat or cold, radiation, high altitude, under water, wind and pressure tunnels, or explosions; (2) plans and organizes the overall technical photographic coverage for a variety of events and developments in phases of a scientific, industrial, medical, or research project; or (3) creates desired illusions or emotional effects by developing trick or special effects photography for novel situations requiring a high degree of ingenuity and imaginative camera work to heighten, simulate, or alter reality.

The Photographer V Independently develops, plans, and organizes the overall technical photographic aspects of assignments in collaboration with operating officials who are responsible for project substance. This worker uses imagination and creative ability to implement objectives within the capabilities and limitations of cameras and equipment, may exercise limited control over the substance of events to be photographed by staging actions, suggesting behavior of the principals, and rehearsing activities before photographs are taken.

### **VIDEO TELECONFERENCE TECHNICIAN**

The Video Teleconference Technician operates video teleconferencing equipment including powering up teleconferencing equipment, checking equipment for proper operation, setting audio levels, positioning camera functions, performing secure or non-secure setup; operate or assist in operating session control panel, studio control unit, and high-resolution graphics. Job tasks require this technician to provide assistance to users in conducting video teleconference sessions, which may include conference preparation, and monitor VTC equipment and system performance, reporting equipment and network problems to appropriate parties for maintenance or repair. The Video Teleconference Technician's responsibilities may include operation of briefing computers, projectors or other audiovisual equipment in conjunction with video teleconferencing services; may include scheduling video teleconferencing sessions, training personnel in operation of video teleconferencing equipment, and other audiovisual equipment associated with video teleconferencing services.

## **736-5 - TECHNICAL AND PROFESSIONAL OCCUPATIONS**

### **CIVIL ENGINEERING TECHNICIAN**

This technician assists the Civil Engineer in application of principles, methods, and techniques of civil engineering technology, reviews project specifications and confers with the Civil Engineer concerning assistance required, such as plan preparation, acceptance testing, and evaluation of field conditions, design changes, and reports. This worker conducts materials testing and analysis, using tools and equipment and applying engineering knowledge necessary to conduct tests, prepares reports detailing tests conducted and their results. The Civil Engineering Technician surveys project sites to obtain and analyze topographical details of sites, using maps and surveying equipment, drafts detailed dimensional drawings such as those needed for highway plans, structural steel fabrication, and water control projects. This work involves performing duties as described under Drafter, and calculating dimensions, profile specifications, and quantities of materials such as steel, concrete, and asphalt, using calculator.

### **DRAFTER/CAD OPERATOR I**

This operator prepares drawings or computer models of simple, easily visualized structures, systems, parts or equipment from sketches or marked-up prints, selects appropriate templates/computer programs or uses a compass and other equipment needed to complete assignments. Drawings and models fit familiar patterns and present few technical problems. Supervisor provides detailed instructions on new assignments, gives guidance when questions arise, and reviews completed work for accuracy. Typical assignments include:

- a. Revisions to the original drawings of a plumbing system by increasing pipe diameters.
- b. Drawing from sketches, the building floor plans, determining size, spacing and arrangement of freehand lettering according to scale.
- c. Drawing simple land profiles from predetermined structural dimensions and reduced survey notes.
- d. Tracing river basin maps and enters symbols to denote stream sampling locations, municipal and industrial waste discharges, and water supplies.
- e. Preparing a computer model of a room, building, structure from data, prints, photos.

### **DRAFTER/CAD OPERATOR II**

This operator prepares various drawings computer models of such units as construction projects or parts and assemblies, including various views, sectional profiles, irregular or reverse curves, hidden lines, and small or intricate details. Work requires use of most of the conventional drafting and CAD techniques and a working knowledge of the terms and procedures of the occupation. The Draft/CAD Operator II makes arithmetic computations using standard formulas. Familiar or recurring work is assigned in general terms. Unfamiliar assignments include information on methods, procedures, sources of information, and precedents to follow. Simple revisions to existing drawings or computer

models may be assigned with a verbal explanation of the desired results. More complex revisions are produced from sketches, computer models or specifications that clearly depict the desired product.

Typical assignments include:

- a. Preparing several views of a simple gear system from a layout and manual references and obtaining dimensions and tolerances from manuals and by measuring the layout.
- b. Preparing and revising detail and design drawings for such projects as the construction and installation of electrical or electronic equipment, plant wiring, and the manufacture and assembly of printed circuit boards. Drawings typically include details of mountings, frames, guards, or other accessories; conduit layouts; or wiring diagrams indicating transformer sizes, conduit locations and mountings.
- c. Drawing base and elevation views, sections, and details of new bridges or other structures, revising complete sets of roadway drawings for highway construction projects, or preparing block maps, indicating water and sewage line locations.

### **DRAFTER/CAD OPERATOR III**

This operator prepares complete sets of complex drawings or computer models that include multiple views, detail drawings, and assembly drawings. Drawings or models include complex design features that require considerable drafting skill to visualize and portray. Assignments regularly require the use of mathematical formulas to draw land contours or to compute weights, center of gravity, load capacities, dimensions, quantities of material, etc. The Draft/CAD Operator works from sketches, computer models, and verbal information supplied by an engineer, architect, or designer to determine the most appropriate views, detail drawings, and supplementary information needed to complete assignments. This operator selects required information from computer programs, and internet sites, precedents, manufacturers' catalogs, and technical guides. This operator independently resolves most of the problems encountered. Supervisor or design originator may suggest methods of approach or provide advice on unusually difficult problems. Typical assignments include:

- a. Prepares complete sets of drawings of test equipment to be manufactured from layouts, models, or sketches. Several cross-sectional and subassembly drawings are required. From information supplied by the design originator and from technical handbooks and manuals, this operator describes dimensions, tolerances, fits, fabrication techniques, and standard parts to use in manufacturing the equipment.
- b. From electronic schematics, information as to maximum size, and manuals giving dimensions of standard parts, determines the arrangement and prepares drawing of printed circuit boards.
- c. From precedents, drafting standards, and established practices, prepares final construction drawings for floodgates, navigation locks, dams, bridges, culverts, levees, channel excavations, dikes and berms, prepares boring profiles, typical cross-sections, and land profiles; and delineates related topographical details as required.

d. Prepares final drawings for street paving and widening or for water and sewer lines having complex trunk lines; reduces field notes and calculates true grades. From engineering designs, lays out plan, profile and detail appurtenances required; and notifies supervisor of conflicting details in design.

Excludes drafter performing work of similar difficulty to that described at this level but who provides support for a variety of organizations that have widely differing functions or requirements.

#### **DRAFTER/CAD OPERATOR IV**

This operator works closely with design originators, preparing drawings or computer models of unusual, complex, or original designs that require a high degree of precision, performs unusually difficult assignments requiring considerable initiative, resourcefulness, and drafting expertise. This incumbent assures that anticipated problems in manufacture, assembly, installation, and operation are resolved by the drawing produced, exercises independent judgment in selecting and interpreting data based on knowledge of the design intent. Although working primarily as a drafter, this worker may occasionally interpret general designs prepared by others to complete minor details, may provide advice and guidance to lower level drafters or serve as coordinator and planner for large and complex drafting projects.

#### **ENGINEERING TECHNICIAN I**

This technician performs simple routine tasks under close supervision or from detailed procedures. Work is checked in progress or on completion. This person performs one or a combination of such typical duties as:

- a. Assembling or installing equipment or parts requiring simple wiring, soldering, or connecting.
- b. Performing simple or routine tasks or tests such as tensile or hardness tests; operating and adjusting simple test equipment; records test data.
- c. Gathering and maintaining specified records of engineering data such as tests, drawings, etc.; performing computations by substituting numbers in specified formulas; plotting data and draws simple curves and graphs.

#### **ENGINEERING TECHNICIAN II**

The Engineering Technician II performs standardized or prescribed assignments involving a sequence of related operations, follows standard work methods on recurring assignments but receives explicit instructions on unfamiliar assignments. Technical adequacy of routine work is reviewed on completion; non-routine work may be reviewed in progress. This technician performs at this level, one or a combination of such typical duties as:

- a. Following specific instructions, assembles or constructs simple or standard equipment or parts, servicing or repairing simple instruments or equipment;

- b. Conducting a variety of tests using established methods, preparing test specimens, adjusting and operating equipment, recording test data, and pointing out deviations resulting from equipment malfunction or observational errors;
- c. Extracting engineering data from various prescribed but non-standardized sources, processing the data following well-defined methods including elementary algebra and geometry, and presenting the data in prescribed form.

### **ENGINEERING TECHNICIAN III**

The Engineering Technician III performs assignments that are not completely standardized or prescribed, selects or adapts standard procedures or equipment, using fully applicable precedents, receives initial instructions, equipment requirements, and advice from supervisor or engineer as needed, performs recurring work independently. Work is reviewed for technical adequacy or conformity with instructions. This technician performs at this level one or a combination of such typical duties as:

- a. Constructing components, subunits, or simple models or adapts standard equipment; may troubleshoot and correct malfunctions;
- b. Following specific layout and scientific diagrams to construct and package simple devices and subunits of equipment.
- c. Conducting various tests or experiments which may require minor modifications in test setups or procedures as well as subjective judgments in measurement, selecting, preparing, and operating standard test equipment and records test data;
- d. Extracting and compiling a variety of engineering data from field notes, manuals, lab reports, etc., processing data, identifying errors or inconsistencies, selecting methods of data presentation.
- e. Assisting in design modification by compiling data related to design, specifications, and materials that are pertinent to specific items of equipment or component parts; developing information concerning previous operational failures and modifications, and using judgment and initiative to recognize inconsistencies or gaps in data and seek sources to clarify information.

### **ENGINEERING TECHNICIAN IV**

The Engineering Technician IV performs non-routine assignments of substantial variety and complexity, using operational precedents that are not fully applicable, such assignments that are typically parts of broader assignments, are screened to eliminate unusual design problems. This incumbent may plan such assignments. This technician receives technical advice from supervisor or engineer. Work is reviewed for technical adequacy (or conformity with instructions). This position may be assisted by lower level technicians and have frequent contact with professionals and others within the establishment, and performs one or a combination of such typical duties as:

- a. Developing or reviewing designs by extracting and analyzing a variety of engineering data, applying conventional engineering practices to develop, prepare, or recommend schematics, designs, specifications, electrical drawings and parts lists. (Examples of

designs include: detailed circuit diagrams; hardware fittings or test equipment involving a variety of mechanisms; conventional piping systems; and building site layouts).

b. Conducting tests or experiments requiring selection and adaptation or modification of a wide variety of critical test equipment and test procedures, preparing and operating equipment, recording data, measuring and recording problems of significant complexity that sometimes require resolution at a higher level, and analyzes data and prepares test reports.

c. Applying methods outlined by others to limited segments of research and development projects, constructing experimental or prototype models to meet engineering requirements; conducts tests or experiments and redesigns as necessary and recording and evaluating data and reports findings.

### **ENGINEERING TECHNICIAN V**

This technician performs non-routine and complex assignments involving responsibility for planning and conducting a complete project of relatively limited scope or a portion of a larger and more diverse project, selects and adapts plans, techniques, designs, or layouts, contacts personnel in related activities to resolve problems and coordinate the work, reviews, analyzes, and integrates the technical work of others. Supervisor or professional engineer outlines objectives, requirements, and design approaches. Completed work is reviewed for technical adequacy and satisfaction of requirements. This incumbent may train and be assisted by lower level technicians, and performs one or a combination of the following:

a. Designs, develops, and constructs major units, devices, or equipment; conducts tests or experiments; analyzes results and redesigns or modifies equipment to improve performance; and reports results.

b. From general guidelines and specifications (e.g., size or weight requirements), develops designs for equipment without critical performance requirements that are difficult to satisfy such as engine parts, research instruments, or special purpose circuitry. Analyzes technical data to determine applicability to design problems; selects from several possible design layouts; calculates design data; and prepares layouts, detailed specifications, parts lists, estimates, procedures, etc. May check and analyze drawings or equipment to determine adequacy of drawings and design.

c. Plans or assists in planning tests to evaluate equipment performance. Determines test requirements, equipment modification, and test procedures; conducts tests using all types of instruments; analyzes and evaluates test results, and prepares reports on findings and recommendations.

### **ENGINEERING TECHNICIAN VI**

This technician independently plans and accomplishes complete projects or studies of broad scope and complexity, or serves as an expert in a narrow aspect of a particular field of engineering, e.g., environmental factors affecting electronic engineering. Complexity of assignments typically requires considerable creativity and judgment to devise approaches to accomplish work, resolve design and operational problems, and make

decisions in situations where standard engineering methods, procedures, and techniques may not be applicable. Supervisor or professional engineer provides advice on unusual or controversial problems or policy matters. Completed work is reviewed for compliance with overall project objectives. This worker may supervise or train and be assisted by lower level technicians, and performs, one or a combination of the following:

a. Prepares designs and specifications for various complex equipment or systems (e.g., a heating system in an office building, or new electronic components such as solid state devices for instrumentation equipment).

b. Plans approach to solve design problems; conceives and recommends new design techniques; resolves design problems with contract personnel, and assures compatibility of design with other parts of the system.

c. Designs and coordinates test set-ups and experiments to prove or disprove the feasibility of preliminary design; uses untried and untested measurement techniques; and improves the performance of the equipment. May advise equipment users on redesign to solve unique operational deficiencies.

d. Plans approach and conducts various experiments to develop equipment or systems characterized by (a) difficult performance requirements because of conflicting attributes such as versatility, size, and ease of operation; or (b) unusual combination of techniques or components. Arranges for fabrication of pilot models and determines test procedures and design of special test equipment.

### **ENVIRONMENTAL TECHNICIAN**

The Environmental Technician conducts tests and field investigations to obtain data for use by environmental, engineering and scientific personnel in determining sources and methods of controlling pollutants in air, water, and soil, utilizing knowledge of agriculture, chemistry, meteorology, and engineering principles and applied technologies. This worker conducts chemical and physical laboratory and field tests according to prescribed standards to determine characteristics or composition of solid, liquid, or gaseous materials and substances, using pH meter, chemicals, autoclaves, centrifuge spectrophotometer, microscope, analytical instrumentation, and chemical laboratory equipment.

This worker collects samples of gases from smokestacks, and collects other air samples and meteorological data to assist in evaluation of atmospheric pollutants; collects water samples from streams and lakes, or raw, semi-processed or processed water, industrial waste water, or water from other sources to assess pollution problem, and collects soil, silt, or mud to determine chemical composition and nature of pollutants. This worker prepares sample for testing, records data, and prepares summaries and charts for review, sets monitoring equipment to provide flow of information, installs, operates, and performs routine maintenance on gas and fluid flow systems, chemical reaction systems, mechanical equipment, and other test instrumentation.

This worker may operate fixed or mobile monitoring or data collection station, may conduct bacteriological or other tests related to research in environmental or pollution control activity, may collect and analyze engine exhaust emissions to determine type and amount of pollutants, and may specialize in one phase or type of environmental pollution or protection and be identified according to specialty.

### **MATHEMATICAL TECHNICIAN**

The Mathematical Technician applies standardized mathematical formulas, principles, and methodology to technological problems in engineering and physical sciences in relation to specific industrial and research objectives, processes, equipment, and products. They confer with professional, scientific, and engineering personnel to plan project, analyzes raw data recorded on magnetic tape, punched cards, photographic film or other media, and select most practical and accurate combination and sequence of computational methods using algebra, trigonometry, geometry, vector analysis and calculus to reduce raw data to meaningful and manageable terms.

This technician selects most economical and reliable combination of manual, mechanical, or electronic data processing methods and equipment consistent with data reduction requirements, modifies standard formulas to conform to data processing method selected, translates data into numerical values, equations, flow charts, graphs or other media, analyzes processed data to detect errors. This worker may operate card punching or sorting machines, calculators, or data processing equipment.

### **PARALEGAL/LEGAL ASSISTANT I**

The Paralegal/Legal Assistant I works under close supervision with required assistance readily available. Persons in this position typically perform the following:

- a. Consult prescribed sources of information for facts relating to matters of interest to the program;
- b. Review documents to extract selected data and information relating to specific items;
- c. Review and summarize information in prescribed format on case precedent and decisions;
- d. Search and extract legal references in libraries and computer-data banks;
- e. Attend hearings or court appearances to become informed on administrative and/or court procedures and the status of cases, and where necessary, assist in the presentation of charts and other visual information.

### **PARALEGAL/LEGAL ASSISTANT II**

At this level, the Paralegal/Legal Assistant II exercises more independent judgment than at the level I position. In this capacity the incumbent:

- a. Reviews case materials to become familiar with questions under consideration;
- b. Searches for and summarizes relevant articles in trade magazines, law reviews, published studies, financial reports, and similar materials for use of attorneys in the preparation of opinions, briefs, and other legal documents;
- c. Prepares digests of selected decisions or opinions which incorporate legal references and analyses of precedents involved in areas of well-defined and settled points of law;

- d. Interviews potential witnesses and prepares summary interview reports for the attorney's review;
- e. Participates in pre-trial witness conferences, notes possible deficiencies in case materials (e.g., missing documents, conflicting statements) and additional issues or other questionable matters, and requests further investigation by other agency personnel to correct possible deficiencies or personally conducts limited investigations at the pre-trial stage;
- f. Prepares and organizes trial exhibits, as required, such as statistical charts and photographic exhibits;
- g. Verifies citations and legal references on prepared legal documents;
- h. Prepares summaries of testimony and depositions;
- i. Drafts and edits non-legal memoranda, research reports and correspondence relating to cases.

**PARALEGAL/LEGAL ASSISTANT III**

At this level, the Paralegal/Legal Assistant III participates in the substantive development of cases. In this capacity, the incumbent performs the following:

- a. Analyzes and evaluates case files against litigation worthiness standards;
- b. Notes and corrects case file deficiencies (e.g., missing documents, inconsistent material, leads not investigated) before sending the case on to the concerned trial attorney;
- c. Reviews and analyzes available precedents relevant to cases under consideration for use in presenting case summaries to trial attorneys;
- d. Gathers, sorts, classifies, and interprets data to discover patterns of possible discriminatory activity;
- e. Interviews relevant personnel and potential witnesses to gather information;
- f. Reviews and analyzes relevant statistics;
- g. Performs statistical evaluations such as standard deviations, analyses of variance, means, modes, and ranges as supporting data for case litigation;
- h. Consults with statistical experts on reliability evaluations;
- i. May testify in court concerning relevant data.

### **PARALEGAL/LEGAL ASSISTANT IV**

At this level, the Paralegal/Legal Assistant IV assists in the evaluation, development, and litigation of cases. In this capacity, the incumbent performs the following duties:

- a. Examines and evaluates information in case files, for case litigation worthiness and appropriate titles of law;
- b. Determines the need for additional information, independent surveys, evidence, and witnesses, and plans a comprehensive approach to obtain this information;
- c. Through on-site visits, interviews, and review of records on operations, looks for and evaluates the relevance and worth of evidence;
- d. Selects, summarizes, and compiles comparative data to examine and evaluate respondent's deficiencies in order to provide evidence of illegal practices or patterns;
- e. Reviews economic trends and forecasts at the national and regional level to evaluate the impact of successful prosecution and potential remedial provisions of ongoing investigations and litigation;
- f. Identifies types of record keeping systems and types of records maintained which would be relevant. Gathers, sorts, and interprets data from various record systems including computer information systems;
- g. Interviews potential witnesses for information and prepares witnesses for court appearances;
- h. Develops statistics and tabulations, such as standard deviations, regression analyses, and weighting, to provide leads and supportive data for case litigation. Prepares charts, graphs, and tables to illustrate results;
- i. Analyzes data, develops recommendations and justifications for the attorney(s) who will take the matter to court. Continues to work with the attorney(s) during the progress of the case, obtaining and developing further evidence and exhibits, providing administrative assistance, and maintaining custody of exhibits, documents, and files;
- j. May appear in court as a witness to testify concerning exhibits prepared supporting plaintiff's case.

### **TECHNICAL WRITER I**

Revises or writes standardized material for reports, manuals, briefs, proposals, instruction books, catalogs, and related technical and administrative publications concerned with work methods and procedures, and installation, operation, and maintenance of machinery and other equipment. This worker receives technical direction from supervisor or senior writer, notes or manuals containing operating procedures and details manufacturer's catalogs, drawings and other data relative to operation, maintenance, and service of equipment. This writer may have access to blueprints, sketches, drawings, parts lists, specifications, mockups, and product samples to integrate and delineate technology, operating procedure, and production sequence and detail. This position organizes material and completes writing assignment according to set standards regarding order, clarity,

conciseness, style, and terminology, may maintain records and files of work and revisions, select photographs, drawings, sketches, diagrams, and charts to illustrate material, assist in laying out material for publication arrange for typing, duplication and distribution of material; may assist in writing speeches, articles, and public or employee relations releases, and may specialize in writing material regarding work methods and procedures.

### **TECHNICAL WRITER II**

In this capacity, the Technical Writer revises or writes material that is mostly standardized for reports, manuals, briefs, proposals, instruction books, catalogs, and related technical and administrative publications concerned with work methods and procedures, and installation, operation, and maintenance of machinery and other equipment. The incumbent receives assignment and technical information from a supervisor or senior writer, may be provided notes or manuals containing operating procedures and details, and may observe production, developmental or experimental activities to expand or verify the provided operating procedures and details.

This worker accesses manufacturers' catalogs, drawings and other data relative to operation, maintenance, and service of equipment, may have access to blueprints, sketches, drawings, parts lists, specifications, mockups, and product samples to integrate and delineate technology, operating procedure, and production sequence and detail. This writer organizes material and completes writing assignment according to set standards regarding order, clarity, conciseness, style, and terminology, may maintain records and files of work and revisions, may select photographs, drawings, sketches, diagrams, and charts to illustrate material, assist in laying out material for publication, and arrange for typing, duplication and distribution of material. This writer may draft speeches, articles, and public or employee relations releases, or specialize in writing material regarding work methods and procedures.

### **TECHNICAL WRITER III**

The Technical Writer III develops, writes, and edits material for reports, manuals, briefs, proposals, instruction books, catalogs, and related technical and administrative publications concerned with work methods and procedures, and installation, operation, and maintenance of machinery and other equipment, receives assignment from supervisor, observes production, developmental, and experimental activities to determine operating procedure and detail. This writer interviews production and engineering personnel and reads journals, reports, and other material to become familiar with product technologies and production methods, and reviews manufacturer's and trade catalogs, drawings and other data relative to operation, maintenance, and service of equipment.

The Technical Writer III studies blueprints, sketches, drawings, parts lists, specifications, mockups, and product samples to integrate and delineate technology, operating procedure, and production sequence and detail, organizes material and completes writing assignment according to set standards regarding order, clarity, conciseness, style, and terminology; and reviews published materials and recommends revisions or changes in scope, format, content, and methods of reproduction and binding. This worker may perform the following tasks: maintain records and files of work and revisions, select photographs, drawings, sketches, diagrams, and charts to illustrate material; assist in laying out material for publication, arrange for typing, duplication and distribution of material, write speeches, articles, and public or employee relations releases, edit,

standardize, or make changes to material prepared by other writers or plant personnel. This incumbent may specialize in writing material regarding work methods and procedures.

### **MANUFACTURING ENGINEER**

Design, implement, monitor and maintain manufacturing processes. Support production through efficient and effective identification and resolution of line issues. Identify and initiate process improvement projects that have meaningful impact on product quality and process yield. Interface with Design Engineers to provide timely feedback on proposed designs and influence organization to develop a strong design for manufacturability culture. Properly document activities in accordance with best engineering practices, company procedures, and regulatory requirements. Interface with external vendors to source high quality equipment and fixtures. Bachelor of science degree in manufacturing, mechanical engineering, or electrical engineering and 2-4 years of experience in manufacturing environment, or equivalent combination of education and experience.

### **MECHANICAL ENGINEER**

Designs, develops, and tests all aspects of mechanical components, equipment, and machinery. Applies knowledge of engineering principles to design products such as engines, instruments, controls, robots, machines, etc. May be involved in fabrication, operation, application, installation, and/or repair of mechanical products. Requires a bachelor's degree in engineering and at least 8 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. May lead and direct the work of others. A wide degree of creativity and latitude is expected. Typically reports to a manager or head of a unit/department.

## **CUSTOMER INFORMATION:**

- 1a. TABLE OF AWARDED SPECIAL ITEM NUMBERS (SINs)  
SIN DESCRIPTION  
736-1 Administrative Support and Clerical Occupations  
736-2 Automatic Data Processing Occupations  
736-3 General Services and Support  
736-4 Information and Arts Occupations, Including Miscellaneous Occupations  
736-5 Technical and Professional Occupations
- 1b. LOWEST PRICED MODEL NUMBER AND PRICE FOR EACH SIN: Not Applicable
- 1c. HOURLY RATES AND DESCRIPTION OF ALL CORRESPONDING COMMERCIAL JOB TITLES, EXPERIENCE, FUNCTIONAL RESPONSIBILITY, AND EDUCATION: All hourly rates shown are firm fixed price. See the following price list for hourly rates by location and labor category. See the Job Descriptions provided after the pricing information.
2. MAXIMUM ORDER: \$100,000 per SIN
3. MINIMUM ORDER: \$100
4. GEOGRAPHIC COVERAGE:  
**Nationwide (50 states; Washington, DC; and Puerto Rico)**  
Wage Determination # 05-2059 Revision # 7 Dated: 05/29/2008
5. POINT(S) OF PRODUCTION: Not Applicable
6. DISCOUNT FROM LIST PRICES: Not Applicable
7. QUANTITY DISCOUNT(S): None.
8. PROMPT PAYMENT TERMS: Net/30.
- 9a. Government Purchase Cards are accepted at or below the micro-purchase threshold.
- 9b. Government Purchase Cards are not accepted above the micro-purchase threshold.
10. FOREIGN ITEMS: None
- 11a. TIME OF DELIVERY: Not Applicable
- 11b. EXPEDITED DELIVERY: Not Applicable
- 11c. OVERNIGHT AND 2-DAY DELIVERY: Not Applicable
12. FOB POINT: NOT APPLICABLE

- 13a. ORDERING ADDRESS:  
3260 East Victoria Drive  
Post Office Box 296  
Alpine, CA 91 901-3680
14. PAYMENT ADDRESS:  
3260 East Victoria Drive  
Post Office Box 296  
Alpine, CA 91 901-3680
15. WARRANTY PROVISION: Standard Commercial Warranty. Customer should contact contractor for a copy of the warranty.
16. EXPORT PACKING CHARGES: Not Applicable
17. TERMS AND CONDITIONS OF GOVERNMENT PURCHASE CARD ACCEPTANCE: Not Applicable
18. TERMS AND CONDITIONS OF RENTAL, MAINTENANCE, AND REPAIR (IF APPLICABLE): Not Applicable
19. TERMS AND CONDITIONS OF INSTALLATION (IF APPLICABLE): Not Applicable
20. TERMS AND CONDITIONS OF REPAIR PARTS INDICATING DATE OF PARTS PRICE LISTS AND ANY DISCOUNTS FROM LIST PRICES (IF AVAILABLE): Not Applicable
- 20a. TERMS AND CONDITIONS FOR ANY OTHER SERVICES (IF APPLICABLE): Not Applicable
21. LIST OF SERVICE AND DISTRIBUTION POINTS (IF APPLICABLE): Not Applicable
22. LIST OF PARTICIPATING DEALERS (IF APPLICABLE): Not Applicable
23. PREVENTIVE MAINTENANCE (IF APPLICABLE): Not Applicable
- 24a. SPECIAL ATTRIBUTES SUCH AS ENVIRONMENTAL ATTRIBUTES (e.g. recycled content, energy efficiency, and/or reduced pollutants): Not Applicable
- 24b. Section 508 Compliance for EIT: Not Applicable
25. DUNS NUMBER: 112018846
26. NOTIFICATION REGARDING REGISTRATION IN CENTRAL CONTRACTOR REGISTRATION (CCR) DATABASE: Contractor has an Active Registration in the CCR database.