PROPOSED PERSONNEL RESPONSIBILITIES AND MINIMUM QUALIFICATIONS
FOR REGION 6 ERRS REQUIREMENTS

The National Incident Management System (NIMS), as developed and administered by the Department of Homeland Security, provides the template on which the National response Plan (NRP) was built. To be compliant with the NIMS requirements, non-government first responder personnel and disaster workers are required to take NIMS, NRP, and ICS training. Further information and guidance documents may be found on FEMA's webpages (www.fema.gov/emergency/nims.)

The following minimal NIMS training courses are required as specified below of ERRS personnel in performing response and disaster work:

RESPONSE ROLE	**REQUIRED TRAINING**	**ERRS PERSONNEL**
Entry level **first responders** and disaster workers	FEMA IS-700: NIMS, an Introduction ICS-100: Introduction to ICS or equivalent	All field workers Technical Specialists
First line supervisors, single resource leaders, field supervisors and other emergency management and response personnel	In Addition to IS-700 and ICS-100; ICS -200: Basic ICS or equivalent	Foreman Field Cost Accountants
Middle Management, including strike team leaders, unit leaders, division/group supervisors branch directors and multi-agency coordination system/EOC staff	In addition to IS-700, ICS-100, and ICS-200; FEMA IS-800:NRP ICS-300/400: Intermediate/ Advanced ICS or equivalent	Response Managers Senior Foreman Transportation & Disposal Coordinator Program Managers

All ERRS staff proposed for response and disaster work shall comply with the above training requirements within the first three months after contract

Specific Site Personnel Responsibilities

1. Response Manager ***- Key Personnel***

The Response Manager (RM) shall be the "primary" contractor contact with the OSC/RPM and shall be responsible for the management and execution of all response actions. The RM will be responsible for the implementation of the statement of work for the task order and will execute services under the technical direction of the OSC/RPM.

The RM shall be on the scene on a daily basis unless instructed otherwise by the OSC/RPM. In these instances, the contractor shall maintain someone on site at all times with authority to act for the contractor and coordinate subcontract activities. The RM shall:

a. Meet with the OSC/RPM, as requested, upon issuance of a task order to plan and coordinate the response action. In some cases, the OSC/RPM may request that the RM conduct an initial on-scene survey and/or develop a project work plan with a schedule prior to a full scale mobilization.

b. Ensure that appropriate contractor personnel operate equipment properly, provide materials and conduct the required response as presented in the task order and in the approved site work plan. These services shall be provided within the response time requirements for emergencies or within the response time specified by the OSC/RPM for other type of removal or remedial actions.

c. Maintain communication and coordination with OSC/RPM including reporting problems encountered in performing task orders. The RM shall immediately notify the OSC/RPM, and be responsible for taking immediate corrective action, when performance does not conform to contract requirements or to the directions given by the OSC/RPM for a response action.

d. Be fully trained in the use of the Removal Cost Management System (RCMS) and capable of producing an accurate daily EPA Standard Form 1900-55 from the RCMS, which will report daily expenditures on-site.

e. On a daily basis, unless otherwise directed by the OSC/RPM , be responsible for and provide the OSC/RPM with a detailed accounting of all costs incurred at a site using the EPA Standard Form 1900-55 from the RCMS. In some cases, the OSC/RPM may request a handwritten daily EPA Standard Form 1900-55. However, the handwritten EPA Standard Form l900-55s must be entered into the RCMS within fourteen (14) calendar days.

h. Ensure that environmental samples are collected and dispatched to laboratories for analyses. Ensure that waste profile samples are collected and dispatched to prospective off-site treatment or disposal facilities for waste acceptance.

i. Assist the OSC/RPM in completing waste profile forms, shipping manifests, and related documents. The RM shall have professional and working knowledge of the commercial facilities permitted to accept wastes typically encountered at CERCLA and/or other removal sites defined by the Clean Water Act, as amended by the Oil Pollution Act. The RM shall have the ability to prepare a written treatment/disposal plan which would, for example, list the site waste streams by type and quantity and provide a cost analysis of disposal and/or treatment options. The RM shall be responsible for identifying and procuring the services of prospective waste transporters and CERCLA compliant, RCRA permitted off-site treatment, storage or disposal facilities for all wastes requiring off-site treatment, storage and/or disposal.

2. Chemist

The Chemist shall provide the following services:

a. Prepare sampling plans for collection of multi-media samples (e.g. air, soil, water, and waste,). Oversee the implementation of sampling plans. Collect samples.

b. Determine, in consultation with OSC/RPM, the appropriate type and quality of analyses to be performed to attain EPA's data quality objectives.

c. Calibrate, maintain, and use field screening devices/meters to conduct site surveys. Interpret data and evaluate hazards from field results.

d. Prepare and/or assist in the preparation of waste disposal profiles.

e. Perform field chemistry tests (e.g. pH, presence of oxidizers, cyanide and sulfide compounds, flash point and/or flammability, and water solubility,) for the purpose of identifying hazardous characteristics of waste samples.

f. Develop treatability schemes for wastes. Shall be familiar with, and have experience in, utilizing on site treatment methods; such as, but not limited to, neutralization, precipitation, flocculation, oxidation, reduction, and dissolving of contaminants.

g. Prepare and oversee implementation of waste bulking, consolidation, and/or packaging plans.

information required for bulking of compatible waste streams.

b. Implement a working knowledge of hazardous materials transportation regulations, including proper labeling, shipping and containerization of wastes for transportation according to US DOT regulations.

c. Provide a working knowledge of current innovative treatment technologies.

d. Prepare written technical reports covering the transportation and disposal operations.

e. Manage and insure proper execution of multiple simultaneous contracts.

f. Assist the OSC/RPM in completing waste profile forms, shipping manifests, and related documents. The T&D Coordinator shall have professional and working knowledge of the commercial facilities permitted to accept wastes typically encountered at CERCLA and/or other removal sites defined by the Clean Water Act, as amended by the Oil Pollution Act. The T&D Coordinator shall have the ability to prepare a written treatment/disposal plan which would, for example, list the site waste streams by type and quantity and provide a cost analysis of disposal and/or treatment options. The T&D Coordinator shall be responsible for identifying and procuring the services of prospective waste transporters and CERCLA compliant, RCRA permitted off-site treatment, storage or disposal facilities for all wastes requiring off-site treatment, storage and/or disposal.

4. Corporate Safety Officer - *Key Personnel*

The Corporate Safety Officer shall provide the following services or ensure that anyone on site performing the function of a Site Safety Officer is knowledgeable about the requirements and capable of fulfilling the function:

a. Prepare site specific health and safety plans (HASP). Modify HASP when site conditions warrant. Ensure that the elements of the HASP are being properly carried out.

b. Establish work zones (exclusion, contamination reduction, support) on site, in accordance with the HASP. Ensure that work zones are physically delineated and maintained throughout the response action. Ensure that personnel and equipment decontamination stations are constructed and maintained in accordance with the HASP.

c. Conduct heat and cold stress monitoring of site personnel. In consultation with the OSC/RPM, adjust duration of hot zone work according to worker stress monitoring results.

d. Calibrate, maintain, and use field screening devices/meters to conduct site surveys. Interpret data and evaluate hazards from results. Calibrate, maintain, and use air sampling devices such as personnel air samplers, detection tubes, etc.

e. Keep a written log of health and safety and monitoring activities and results; and prepare written technical reports.

f. Conduct health and safety audits of site activities when requested by the OSC/RPM. Hold safety meetings with site workers. Prepare and conduct health and safety training classes. Oversees the training of Site Safety Officers to ensure anyone performing the function of a Site Safety Officer has the appropriate knowledge, training, and authority to maintain required safety standards.

EXHIBIT B

PERSONNEL QUALIFICATIONS

A. Point-of-Contact/Program Manager Minimum Qualifications ***- Key Personnel***

The Point-of-Contact/Program Manager shall have the following minimum qualifications and experience:

- , M.S. or MBA degree with 6 years or more experience, as described below; or
- , B.S. degree with 8 years or more experience, as described below; or
- , Fifteen or more years experience, with Certified Hazardous Materials Manager (CHMM) - Senior Level**. Certificate and re-certification documentation required.

Experience Factors: Managerial and/or technical experience in response services involving the releases of hazardous substances, oil and other contaminants or pollutants to the environment. Managerial and/or technical experience in emergency response, removal or remedial activities, including knowledge of transportation and disposal activities or other discipline directly related to the requirements of this contract. Experience in the management of technical and administrative support services to multi-disciplinary professionals*. General contract execution skills involving scheduling, resource allocation, performance monitoring, contract administration, budgetary and cost accounting requirements, and issue resolution. Experience in managing multiple sites, multiple subcontract issues, etc is required.

B. Response Manager Qualifications - ***- Key Personnel***

There are two levels of Response Managers. The selection of the appropriate Response Manager for a particular response action is dependent upon the "difficulty" associated with the response. The more "complex" response actions will require a Level 2 Response Manager. The Level 2 Response Manager shall meet, and exceed , all qualifications for a Level 1 Response Manager. Response Managers shall have the following minimum qualifications and experience corresponding to the following levels:

(a)Level I Response Manager:

contaminants or pollutants at a site,

OR
Associates two-year degree or 60 hours college credit with concentration in a related field such as physical, chemical or biological science, engineering, or construction management from an accredited college or university. Eight (8) years of direct on-scene response experience in the clean-up of hazardous substances, oil and other contaminants or pollutants at a site, to include the development of site safety plans, heavy equipment operation and field construction, or other discipline directly related to the requirements of the contract. One (1) year of the 8 years must be in a capacity of site Response Manager, managing and supervising multi-disciplinary response personnel*, with experience as a supervisory responder for *emergency response actions* involving hazardous substances, oil and other contaminants or pollutants at a site,

OR

Certified Hazardous Materials Manager (CHMM) - Senior Level. Certificate and re-certification documentation required. Three (3) years of direct on-scene response experience in the clean-up of hazardous substances, oil and other contaminants or pollutants at a site, to include the development of site safety plans, heavy equipment operation and field construction, or other discipline directly related to the requirements of the contract. One (1) year of the 3 years must be in a capacity of site Response Manager, managing and supervising multi-disciplinary response personnel*, with experience as a supervisory responder for *emergency response actions* involving hazardous substances, oil and other contaminants or pollutants at a site,

In Addition to Item 1 the Level I Response Manager MUST possess the following:

2. Working knowledge of oil, petroleum, and hazardous substance disposal regulations, including, at a minimum but not limited to, ability to correctly complete hazardous waste manifests, knowledge of types of analytical information required for waste profiling, knowledge of and ability to profile and assign to wastes their proper regulatory classifications.

3. Working knowledge of DOT hazardous materials transportation

5. Ability to manage and insure proper execution of multiple simultaneous subcontracts of varying type and complexity. Serves as contractor point-of-contact with subcontractors. Ability to independently negotiate and resolve subcontractor disputes.

6. Knowledge of site cost management systems used to track and document site costs on a daily basis. Ability to operate the computer software and prepare daily cost reports.

7. Knowledge of OSHA health and safety regulations regarding hazardous waste site and general construction site operations. Ability to prepare, and modify site specific health and safety plans in accordance with EPA and OSHA regulations, policies, and procedures. Ability to serve as site safety officer.

8. Knowledge of theory of operation and ability to calibrate and use field screening instrumentation such as organic vapor analyzers, combustible gas indicators, toxic gas meters, portable gas chromatographs, pH/Conductivity meters, and radiation monitors to measure the presence of chemical, explosive and radiological hazards at cleanup sites. Ability to interpret data and evaluate hazards from survey results.

(b)Level II Response Manager: -

1. A Bachelors degree in a related field such as physical, chemical or biological science, engineering, or construction management from an accredited college or university . Six (6) years of direct on-scene response experience in the clean-up of hazardous substances, oil and other contaminants or pollutants at a site, to include the development of site safety plans, heavy equipment operation and field construction, or other discipline directly related to the requirements of the contract. Three (3) years of required experience must be in a capacity of site Response Manager, managing and supervising multi-disciplinary response personnel*, with experience as a supervisory responder for *emergency response actions* involving hazardous substances, oil and other contaminants or pollutants at a site,

OR

Associates two-year degree or 60 hours college credit with concentration in a related field such as physical, chemical or biological science, engineering, or construction management from an accredited college or university. Twelve (12) years of direct on-scene response experience in the clean-up of hazardous substances, oil and other contaminants or pollutants at a site, to include the development of site safety plans,

Certified Hazardous Materials Manager (CHMM) - Senior Level. Certificate and re-certification documentation required. Seven (7) years of direct on-scene response experience in the clean-up of hazardous substances, oil and other contaminants or pollutants at a site, to include the development of site safety plans, heavy equipment operation and field construction, or other discipline directly related to the requirements of the contract. Four (4) year of the 7 years must be in a capacity of site Response Manager, managing and supervising multi-disciplinary response personnel*, with experience as a supervisory responder for *emergency response actions* involving hazardous substances, oil and other contaminants or pollutants at a site,

In Addition to Item 1 the Level II Response Manager MUST possess the following:

2. Working and professional knowledge of oil, petroleum, and hazardous substance disposal regulations, including, at a minimum but not limited to, ability to correctly complete hazardous waste manifests, knowledge of types of analytical information required for waste profiling, knowledge of and ability to profile and assign to wastes their proper regulatory classifications.

3. Working and professional knowledge of DOT hazardous materials transportation regulations and RCRA hazardous waste disposal. Ability to, at a minimum, identify proper shipping containers, determine correct shipping labels and hazardous waste marks on containers, assign hazard class, group and proper shipping name to the wastes, and determine placarding needs for hazardous materials transportation in accordance with US DOT regulations.

4. Ability to prepare written technical reports covering all aspects of removal operations, including but not limited to, hazardous evaluation, waste profiling, transportation and disposal, data evaluation, and day-to-day summary of site operations.

5. Ability to manage and insure proper execution of multiple simultaneous subcontracts of varying type and complexity. Serves as contractor point-of-contact with subcontractors. Ability to independently negotiate and resolve subcontractor disputes.

6. Knowledge of site cost management systems used to track and document site costs on a daily basis. Ability to operate the computer software and prepare daily cost reports.

measure the presence of chemical, explosive and radiological hazards at cleanup sites. Ability to interpret data and evaluate hazards from survey results.

*** Multi-disciplinary skills are those possessed by a professional such as a site safety officer, chemist, geologist, or engineer and non-professional such as a foreman, equipment operator, lab technician, or laborer.**

** CHMM - Certified Hazardous Materials Manager is registered through the Institute of Hazardous Materials Management, and is accredited by the Council of Engineering and Scientific Specialty Boards. Any requested substitute for a CHMM must meet the same rigorous standards and accreditations. To request any substitution for a CHMM, the contractor shall submit in writing to the CO the accreditations of the requested substituted training, the written standards for the training, testing procedures, experience requirements, continuing education requirements, and other information to be evaluated for acceptance.

C. Chemist Qualifications

1. Bachelor of Science or Bachelor of Arts degree, with major in Chemistry, from an accredited college or university and a minimum of two (2) years field experience in oil, petroleum, and hazardous substance cleanup operation.

2. Knowledge of EPA QA/QC data collection protocols for removal activities, including, but not limited to the guidance set forth in the document entitled "Quality Assurance/Quality Control Guidance for Removal Activities Sampling QA/QC Plan and Data Validation Procedures - Interim Final" dated April 1990 (EPA/540/G-90-004). This guidance is outlined in the Quality Assurance Sampling Plan for Emergency Response (QASPER), Version 4.0, which is a PC-based software package used to draft site specific quality assurance plans and is based on OSWER Directive 9360.4-01. Ability to insure that these protocols are adhered to. Ability to collect data in accordance with these protocols.

3. Comprehensive knowledge of EPA standard methods of analyses of multi-media (solid, liquid, air) waste and environmental samples. Ability to determine appropriate analyses to be performed, including identifying QA/QC limits, to obtain desired results.

4. Knowledge of theory of operation and ability to calibrate and use field screening instrumentation such as organic vapor analyzers, combustible gas indicators, toxic gas meters, portable gas chromatographs, pH/Conductivity meters, and radiation monitors to

D. Corporate Safety Officer Qualifications -- ***Key Personnel***

1. A Certified Industrial Hygienist with seven years (7) of on-scene experience in oil, petroleum, and hazardous substance response and cleanup actions. Five years of the seven years required experience must be in a capacity of site safety officer with responsibility for preparing and insuring proper implementation of site specific health and safety plans or responsible for directly overseeing the work and responsibilities of site safety officers.

2. Knowledge of OSHA health and safety regulations regarding hazardous waste site and general construction site operations. Ability to prepare site specific health and safety plans (HASP) in accordance with EPA and OSHA regulations, policies, and procedures. Capable of training site safety officers and ensuring any person performing that function is trained and familiar with regulations and requirements.

3. Knowledge of theory of operation and ability to calibrate and use field screening instrumentation and sampling devises such as organic vapor analyzers, combustible gas indicators, toxic gas meters, and radiation monitors, personnel air samplers, and passive detection devices to collect samples and measure the presence of chemical, explosive and radiological hazards at cleanup sites. Ability to interpret data and evaluate hazards from survey results.

4. Ability to independently assess the need, and provide recommendations for amendments to the HASP, depending upon a change in response.

5. Knowledge of resources available which provide chemical specific facts to supplement industrial hygiene data. Knowledge of exposure limits, chemical and physical properties of hazardous substances. Ability to evaluate exposure limits of hazardous substances against site survey results. Ability to develop and institute site specific controls to protect workers against exposure to hazardous substances. Ensures anyone performing the function of site safety officer is fully versed in these requirements for the individual site.

6. Knowledge of factors which may contribute to worker heat and cold stress conditions. Ability to monitor for and recognize symptoms of workers suffering from heat and cold stress. Ability to develop and institute site specific controls to abate worker heat and cold stress conditions.

7. Ability to prepare written technical reports and HASPs. Has QA oversight for reports from Site Safety Officers.

in the use of Federal Regulations (DOT, TOSCA, RCRA, Superfund), State and local regulations and their application to various transportation methods and treatment technologies.

OR

(b)Certified Hazardous Materials Manager (CHMM) - Senior Level. Certificate and re-certification documentation required, with 3 years experience in the Hazardous Waste Field related directly to the arranging of transportation and disposal of Hazardous Waste or similarly related activities with a working knowledge of chemical characteristics and technical experience in oil, petroleum, and hazardous substance disposal regulations. Knowledge and experience in the use of Federal Regulations (DOT, TOSCA, RCRA, and Superfund), State and local regulations and their applications to various transportation methods and treatment technologies.

E. <u>Other On-Scene Personnel Minimum Qualifications</u>

All other personnel shall demonstrate experience in performing routine duties typical to oil, petroleum, or hazardous waste site operations. All personnel shall meet minimum OSHA training, medical monitoring, and health and safety requirements for hazardous waste site workers, unless otherwise noted. Where applicable, personnel must be qualified to operate heavy equipment, standard cleanup equipment such as air compressors, pumps, generators, etc., have a working knowledge of standard hazardous material handling safety procedures and personnel safety equipment, and operate testing, sampling, and/or survey equipment. Must demonstrate abilities to trouble-shoot malfunctioning equipment and make simple repairs. **Unless otherwise noted, a MINIMUM of one (1) year experience is required in the on-scene personnel category.**

SENIOR FOREMAN***
Six years on-scene experience in oil, petroleum, and hazardous substance cleanup response. Manages smaller, less-complex projects completely without Response Manager oversight, and is the OSC site contact. Must have skills in directing both general labor and on-site personnel, and trained for work using all levels of personal protective equipment.

Must have a working knowledge of oil, petroleum, and hazardous substance disposal regulations. Must have a working knowledge of DOT hazardous materials transportation regulations and RCRA hazardous materials disposal regulations. Ability to, at a minimum, identify proper shipping containers, determine correct shipping labels and hazardous

varying type. Serves as contractor point-of-contact with subcontractors.

Must have knowledge of site cost management systems used to track and document site costs on a daily basis.

Must have knowledge of OSHA health and safety regulations regarding hazardous waste site and general construction site operations. Ability to correctly implement a site safety plan.

*****Used only on smaller, less complex sites with OSC consent when a Response Manager is not assigned.**

FOREMAN
Three years on-scene experience in oil, petroleum, and hazardous substance cleanup response. On larger sites, provides coordination assistance to the RM. Directs and oversees response activities of the cleanup crew at the direction of the RM. May coordinate all activities on a response where a RM is not needed. Must have skills in directing both general labor and on-site personnel, and trained for work using all levels of personal protective equipment.

CLEANUP TECHNICIAN
Performs labor related to sampling and cleanup of hazardous wastes. Applies technical skills in handling hazardous substances. Trained for work using all levels of personal protective equipment. May also perform general activities involved in hazardous waste site control, including the operation of support equipment such as generators, air compressors, pumps, outboard motors, uniloaders, air blowers, etc.

LABORER
Performs general, non-technical labor involved in hazardous waste site control. Does not handle hazardous substances and does not require hazardous materials personal protective equipment, generally performs work outside the hot zone. Meets requirements under 29 CFR 1910.120. One year experience is not required.

EQUIPMENT OPERATOR 1

Meets OSHA/DOT minimum training requirements to operate heavy equipment, such as, but not limited to, backhoes, excavators, dozers, and loaders. Experienced in hazardous waste equipment operations; i.e. does not cross-contaminate areas, does not remove more soil than required for the cleanup effort. Trained for work in all levels of personal protective equipment. Minimum of three (3) years experience operating heavy equipment.

TRUCK DRIVER

Must have all the applicable state and Federal Department of Transportation motor vehicle operator's licenses. Operates trucks used to transport temporary structures, equipment, materials, and supplies, as well as oil, petroleum, hazardous substances and hazardous wastes waste onto and off of a response site.

FIELD COST ADMINISTRATOR

Shall have a minimum of two (2) years of work experience in accounting, finance, and/or business disciplines. As a minimum, the Field Cost Administrator shall be proficient in the following areas: performing various administrative duties (i.e., on-site cost tracking and documentation; coordinating the acquisition of materials, supplies, and subcontracting activities; performing general site duties such as typing, filing, and answering telephones; processing payrolls and maintaining payroll records; managing inventory and storage of inventory, cataloging, and property utilization); performing accounting tasks such as posting to registers, ledgers, and journals; balancing and reconciling accounts; verifying the internal consistency, completeness, and mathematical accuracy of accounting documents; assigning prescribed accounting distribution codes; identifying subsidiary accounts affected and debit and credit entries to be made and assigning proper codes; examining and verifying the clerical accuracy of various types of reports, lists, calculations, postings, etc.; reviewing computer printouts against manually maintained journals, detecting and correcting erroneous postings, and preparing documents to adjust accounting classifications and other data; preparing journal vouchers; making entries or adjustments to accounts; and reviewing lists of transactions rejected by an automated system, determining reasons for rejections and preparing necessary correction material. The Field Cost Administrator shall be proficient in the use of and have a working knowledge of the terminology, codes, and processes used in an automated accounting system. The Field Cost Administrator shall display a knowledge and understanding of the established and standardized bookkeeping and accounting procedures and techniques used in an accounting system, or a segment of an accounting system. The Field Cost Administrator also prepares the Contractor Daily Cost Reports (1900-55) using RCMS. The Field Cost Administrator assists with on-site procurement and subcontracting issues and may assist in the packaging and dispatch of samples.

INDUSTRIAL HYGIENIST/HEALTH AND SAFETY

Seven (7) years experience in identification, handling, transport and disposal of explosive devices, explosives, and highly reactive chemicals from removal sites. Specially trained and experienced in explosives handling. Must meet minimum criteria for State licensing requirements for explosives handling, in the five states of the region, where applicable.

RADIATION SPECIALIST

Conducts radiation and air sampling monitoring and sampling studies needed to identify the impact of sites on specific population segments. Implements radiation and air sampling and monitoring plans to ensure that the response actions produce the least overall impact on the environment. Requires B.S. degree in Environmental Science or related discipline with a minimum of 12 hours specifically related to types and use of radiation instruments. Competent with the maintenance and calibration of a variety of radiation equipment.

EMERGENCY MEDICAL TECHNICIAN

Oversees implementation of site health safety plans. Trained and **certified** as an EMT, with emphasis on immediate response to hazardous substance exposure.

GEOLOGIST
Bachelor of Science degree in geological sciences, or other EPA approved discipline from an accredited college or university. Applies field geology and/or hydrogeology principles to analyze and solve hazardous substance problems, including soil contamination, ground water contamination, off-site migration of contaminants, and drinking water contamination. Prepares sampling plans and written technical reports.

ENGINEER, CHEMICAL
Bachelor of Science degree in Chemical Engineering. Applies principles chemical engineering principles to recommend solutions to hazardous waste response problems. Develops sampling plans to determine extent of cleanup required. Develops response alternatives, and analyzes them in terms of cost effectiveness and feasibility. Designs and plans unit operations, such as on-site treatment systems. Analyzes operating procedures and equipment and machinery functions to reduce time and cost.

ENGINEER, CIVIL
Bachelor of Science degree in Civil, or related, engineering. Applies