

DESCRIPTION / SPECIFICATIONS

Section C.1

Background Information, Description and Scope of Work, Personnel and Quality Control
Quality Assurance

1.1 Location and Description of Installation. Bonneville Lock and Dam is located on the Columbia River, 40 miles east of Portland, Oregon. The Visitor Center on Bradford Island is considered the Corps of Engineers "showplace" project on the Columbia River. Visitation at the Visitor Center and project grounds averages in excess of 600,000 people per year.

1.2 Climatic Conditions. Temperature extremes of 115 degrees F. and -30 degrees F. have been recorded at Bonneville Project. The annual snowfall average is 38 inches with one-half occurring in January. Yearly snowfall can range from 0 to 70 inches. Periods of freezing rain are not uncommon. The average rainfall is approximately 75 inches per year with the wettest months being December and January. The prevailing west winds may sustain velocities of 30 mph for an entire day at the project with gusts in excess of 90 mph.

1.3. Scope of Work. The Contractor shall furnish all labor, equipment, materials and supplies necessary to maintain approximately 43 acres of grounds at Bonneville Lock and Dam project. Performance under this contract shall include, but not be limited to, mowing, fertilizing, weed control, and policing on approximately 25 acres of turf, approximately 19 acres of beds, which include trees, shrubs, flowers, and clover. Additional work will include pruning of small trees, shrubs, and roses; general grounds clean up and debris removal in accordance with specifications.

1.4 Site Visit. The Contractor shall be familiar with site conditions that may affect the work. Failure to do so shall not lessen the responsibility or entitle the Contractor to additional compensation. All site visits shall be coordinated with the Corps of Engineers Contracting Officer's Representative (COR), Jim Runkles, (541)374-8442.

1.5 Personnel,

1.5.1 Contractor's Supervisor. The Contractor shall provide an on-site manager to be physically present whenever contract work is being performed. This individual shall be responsible for the overall management and coordination of this contract and shall act as central point of contact with the Government. The Contractor's Supervisor shall have authority to represent the Contractor in dealing with the Government and shall attend pre-work and all performance evaluation meetings. The Contractor's Supervisor shall physically check-in and check-out with the COR each day work is performed.

1.5.2 Other Personnel. The Contractor shall furnish supervisory, administrative, and other personnel to accomplish all work required. This will include an Assistant who is fully capable to serve in the Supervisor's stead whenever the Supervisor is not on the project.

1.5.3 Contractor Uniform and Identification., -Each employee shall maintain a clean and neat appearance. Dress will include, at a minimum, either coveralls or ftdl length trousers and sleeved shirts. Each employee will be issued an identification badge by the Contractor. The badge will include the employee's name, picture and social security number. In the event of a change of personnel the new employee will be issued a badge when accompanied by the Contractor's Supervisor and a letter of identification from the Contractor. Any contractor personnel not meeting these requirements will not be allowed to work on the project.

1.5.4 Subcontracting. The contractor shall notify the Contracting Officer(CO) in writing, of any work to be subcontracted. Compliance with all provisions of this contract by subcontractors shall be the responsibility of the Contractor. The CO reserves the right to approve or disapprove any subcontractor prior to his commencing work.

1.6 Quality Control/Quality Assurance

1.6.1 Quality Control. The Contractor shall establish a complete quality control program to assure the requirements of the contract are provided as specified.

1.6.1.1 One copy of the Contractor's Quality Control Program shall be provided to, and subject to approval, by the COR at the pre-work conference. An updated copy must be provided to the COR as changes occur.

1.6.1.2 A file of inspection/corrective actions conducted by the Contractor shall be made available to the Government, upon request, during the term of the contract.

1.6.2 Quality Assurance. The Government will monitor the Contractor's performance under this contract using the Quality Assurance Evaluator(QAE) Surveillance Plan. Inspection of individual work items and services will be made within 2 days after the completion of work.

1.6.3 Performance Evaluation Meetings. The Contractor's Supervisor shall meet with the QAE and COR at least monthly. A mutual effort will be made to resolve all identified problems. The written minutes of these meetings , taken by the Government, will be signed by the Contractor's Supervisor and the COR. Should the Contractor object to any items shown in the minutes the Contractor must provide a written statement to the COR within five days of receipt, detailing the reasons for objection.

1.6.4 Contract Discrepancy Reports WDR): Verbal notice of deficiencies to be corrected will be given to the Contractor as needed. If sufficient deficiencies exist as to indicate unacceptable performance, written notice will be accomplished on NPP Form 45 (Test), Contract Discrepancy Report, Exhibit 4. If necessary, a performance evaluation meeting will be held when a Contract Discrepancy Report is issued. If it is determined that the work was not accomplished

or was below standard, pay adjustments will be made in the contract in accordance with Section B-1, Unit Prices.

1.6.5 Verification of Work. Any changes to the work schedule shall be approved by the COR prior to commencing work.

1.6.6 Permits and Responsibilities. The Contractor shall, without additional expense to the Government, be responsible for obtaining all necessary licenses and permits, and for complying with any applicable Federal, State, County, and Municipal laws, codes, and regulation, in connection with the prosecution of the work.

Section C.2

Definitions of Special Terms and Phrases

2.1 Work Item or Services. Each grounds maintenance task, listed in Section C-6, shall be performed in a continuous manner on the individual plots as shown in Exhibit 3. Once started, the service for a particular plot will be continued to completion.

2.2 Acceptable Quality Level (AOL). Standards of quality are indicated in the specification. Those not meeting the requirements will be deemed unacceptable performance. The Contractor shall correct any defective work.

2.3 Quality Assurance Evaluator (OAE). Representative of the Contracting Officer who normally performs surveillance and inspection of the contract.

2.4 Level of Care. The type and frequency of maintenance required to maintain turf and beds in accordance with contract specifications. Level of Care is detailed in the paragraphs addressing turf and bed maintenance. The 3 levels of care are designated as Level 1, Level II, and Level III, as shown in Exhibit 3.

2.5 Irrigation Cycle. The application of sufficient water per acre within a seven- day period to prevent browning, die-back and thinning.

2.6 Nursery Stock. Plant materials such as flowers, trees, vines, shrubs and hedges obtained from nursery which are suitable for transplanting.

2.7 Policing Grounds. The pickup and disposal of all paper, bottles, cans, cardboard, plastic, rags, ash, and other litter on grounds, grills, and other adjacent areas to include roadways, curbs, sidewalks, and roadside gutters.

2.8 Restricted Area. Those areas designated by the Commander that require control of personnel for security reasons and/or equipment for protection of personnel and property.

Section C.3

Applicable Documents - Documents applicable to this Statement of Work are listed below. The documents have been coded as advisory or mandatory. Corps publications and supplements shall be provided to the Contractor at the time the solicitation is issued. For mandatory documents, the Contractor is responsible for ascertaining the extent to which these regulations affect the operations resulting from this solicitation and to comply therewith. The Contractor is responsible for obtaining those publications listed as Commercial.

APPLICABLE DOCUMENTS

	Mandatory	Advisory
<u>3.1 Engineer Regulations and Manuals</u>		
ER 1130-2-540 (15 Nov. 96) Pest Control Program for Civil Works Projects.	X	
EM 385-1-1 (September 1996) Safety and Health Requirements Manual.	X	
<u>3.2 United States Environmental Protection Agency</u>		
Pesticide Programs 40 CFR 150 through 189.	X	
Resource Conservation and Recovery Act(RCRA)40 CFR Part 260 through 299.	X	
Pollution Prevention Act of 1990; Section 6602; Executive Order 12856.	X	
Comprehensive Environmental Response; Solid Waste Disposal Act (SWDA) of 1965.	X	

	Mandatory	Advisory
3.3 <u>Department of Transportation (DOT)</u>		
Hazardous Materials Transportation Act (HMTA) (49 CFR 172).	X	
x		
3.4 <u>Occupational Safety and Health Administration (OSHA)</u>		
Occupational Safety and Health Act, 29 CFR 1910.	X	
3.5 <u>Commercial</u>		
American Standard for Nursery Stock		X
National Arborist Association Standards.		X
Sunset New Western Garden Book		X

Section C.4

Government Furnished Facilities and Services - All Government-furnished items are provided to the Contractor in an "as is" condition, for use in accordance with the terms and conditions of this contract, and exclusively for the performance of this contract. The Government will provide the following facilities and services.

4.1 Regulations and Directives. All required Government regulations, directives, and forms shall be furnished by the Government with the solicitation.

4.2 Facilities. The Government will furnish the facilities described in Exhibit No. 1. The Government has the responsibility for maintenance and repair of real property utilized by the Contractor under the terms of this contract. Facilities will be maintained in accordance with current policies and directives. The Contractor shall report facility deficiencies to the COR for corrective action. The Contractor shall be liable for repairs caused by his neglect other than fair wear and tear.

4.3 Service. The Government will furnish those services listed in Exhibit No. 2

Section C.5

Contractor Furnished Items - The Contractor shall furnish all equipment, repair parts, and supplies to manage and maintain grounds and landscaping according to the standards herein.

5.1 Specific Items. In addition to items specified in Section C.6, Specific Tasks To Be Performed, the following constitutes a partial listing of other items the Contractor shall be prepared to furnish as specified herein:

- a. Seed, sod, and annual plantings
- b. b. Fertilizer, lime, and sulfur
- c. Soil amendments, mulches, top soil
- d. Plant materials for replacement of damaged and diseased plants as designated by the COR
- e. Petroleum, oils and lubricants
- f. Trucks and trailers for transporting equipment and materials
- g. Hand tools
- h. Hand-operated, power-driven equipment
- i. Equipment repair parts
- j. Personnel clothing, safety equipment
- k. Portable irrigation equipment
- l. Locks and other security related items to properly safeguard equipment and property.

5.2 Contractor Vehicle-Identifications. In order to keep proper control of vehicles in the Project area, all the Contractor's vehicles shall prominently display suitable identification, as approved by the COR. All personal vehicles, as well as contractor-owned and operated vehicles shall have an identification tag. Employee-owned vehicles shall be assigned parking by the COR.

5.3 Replacement of Government Property. The Contractor is responsible for repair/replacement of any Contractor caused damage occurring during the operations of mowing, edging, trimming, aeration, etc. (example: sprinkler heads, in-ground lighting, trees, shrubs, etc.)

Section C.6

Specific Tasks To Be Performed - The Contractor shall provide the services for maintaining grounds and landscaping as listed below. The Contractor shall not modify any of the grounds without the specific approval of the COR. All contract work shall be accomplished between the hours of 7:30 a.m. and 4:30 p.m. However, no contract work will be permitted on Saturdays, Sundays or Federal holidays unless specifically approved by the COR.

6.1 Turf. The Contractor shall inspect and police grounds (6.1.9) prior to each mowing. Disposal of all litter/debris shall be at an approved disposal site designated by the COR. All sidewalks, roadways, roadside gutters and concrete slabs shall be cleared of mowing debris after each cutting. The use of blowers for clearing sidewalks and pavement is acceptable. Any excess cuttings shall be collected and disposed of in an approved disposal area. The Contractor shall repair or replace all trees, shrubs, other plants and other permanent appurtenances which are damaged during mowing operations.

6. 1.1 Mowing - The grass shall be cut to a uniform height. Each pass of the mower shall overlap the previous pass so that no strips of uncut vegetation will result. Mowing shall not be performed when the ground is so wet that the mowing equipment will cause wheel rutting. Mower blades shall be maintained in a sharp condition which provides a clean, even cut. Scalping and uneven cutting shall be prevented. Mowing is divided into 3 levels of care as designated on Exhibit 3.

Level I. Mowing grass shall be accomplished on approximately 2.32 acres as indicated on Exhibit No. 3 on a weekly basis. Grass will be cut to a height of 2 inches and not be allowed to exceed a height of 3 inches, including seed heads.

Level II. Mowing grass shall be accomplished on 15.28 acres as indicated on Exhibit No. 3 not more than every 2 weeks but no less than once a month. Grass will be cut to a height of 3 inches and not be allowed to exceed a height of 6 inches including seed heads.

Level III. Mowing grass shall be accomplished on 9.94 acres as indicated on Exhibit No. 3. Grass will be cut to a height of 4 inches and not be allowed to exceed 12 inches. This will be a "field" mow.

6.1.2. Edging. All sidewalks, concrete slabs, roads, and curbs shall be edged to prevent overlapping grass. All debris resulting from edging shall be cleaned the same day edging is accomplished. All cuttings and debris shall be gathered and disposed of as described in paragraph 6. 1. Edging is divided into 3 levels of care as designated on Exhibit 3.

Level I. A clean edge shall be maintained. No overlapping vegetation shall be visible. Edging shall be performed 3 times each year. This shall be accomplished in Level I turf areas.

Level II. A clean edge shall be maintained. Edging shall be performed 2 times a year. This shall

be accomplished in Level II turf areas

Level III. This shall cover approximately .2 acres. Overlapping vegetation must be removed I time a year. A minimum 21 inch strip shall be maintained with either a mower or line trimmer along the areas stated above in order to define the edge of the turf and to keep irrigation heads visible. Grass height shall not exceed 6 inches. This shall be accomplished in Level III turf areas.

6.1.3 Trimming. Trimming shall be performed around all road signs, guardposts, trees, shrubs, utility poles, and other obstacles in all turf areas. The height of the grass to be trimmed shall match the height of the surrounding turf as specified by the mowing operation. After mowing, the untrimmed grass shall not extend further than four inches from the obstacle. The trimming may be done with hand or power tools, except that no powered line trimmers may be used near the base of trees.

6.1.4 Aeration. The Contractor shall aerate Level I and II turf only - 18.60 acres. Level III turf shall not be aerated. Aeration shall be performed once a year. This aeration shall be timed such that the turf is aerated within one week prior to fertilization. The Contractor shall coordinate with the Government to locate and flag all irrigation heads prior to aeration to prevent damage to Government property. Plugs from aeration may remain on lawn.

6.1.5 Thatching. Level I turf, 2.32 acres, shall be thatched once a year. Thatched areas may require over-seeding and top dressing. This extra work will be determined and agreed upon by the COR and the contractor on a case by case basis. Levels II and III turf shall not be thatched.

6.1.6 Pest Control. The Contractor shall take the necessary action to prevent damage to Level I and Level II turf by rodents and moles. Such damage that does occur shall be repaired as specified in paragraph 6.1.8.

6.1.7 Weed/Moss Control Weed/Moss Control is divided into 3 levels of care as designated on Exhibit 3.

Level I turf: The Contractor shall apply a commercial broad leaf weed/moss killer during Spring and Fall. This can be in the form of "weed and feed." The Contractor shall also treat for moss control. The contractor selected herbicide shall kill 80% of weeds and/or moss present within 5 days. Weed killer will be applied per the manufacturer's directions. Product and application plan shall be submitted with the work schedule to COR for prior approval. All applicable Federal, State and local regulations apply and compliance with such is the Contractor's responsibility.

Level II turf: The Contractor shall apply a commercial broad leaf weed/moss killer during Spring. This can be in the form of "weed and feed." All other details in Level I (above) apply.

Level III turf: No weed or moss control is required

6.1.8 Turf Repair and Reestablishment. Areas damaged by vehicular traffic, utility system repair, building repair or demolition, pollution spills, rodents, or normal wear and tear, shall be filled in with top soil, leveled, seeded or sodded, and maintained to conform to adjacent turf area. Undesirable material will be removed before filling. This work will be at the Government's expense. The Contractor shall submit a cost estimate for repair to the COR who will initiate a contract modification for the additional work.

6.1.9 Replacement. Particular care shall be exercised during mowing operations to ensure that trees, shrubs and plantings are not damaged. Any damaged items shall be replaced with plant materials of like kind and value at the Contractor's expense. The replacement plant materials and plantings shall conform to industry standards as outlined in American Standards for Nursery Stock - ANZI Z-60. 1-1973. The standard is available from American Association of Nurserymen, Inc., 230 Southern Building, Washington, D.C. 20005. All replacements shall be inspected and approved by the COR or QAE prior to planting.

6.2 Tree and Shrub Maintenance. The Contractor shall accomplish all work necessary to maintain trees, shrubs, hedges, vines, and ground covers. Bed plantings requiring maintenance are indicated on Exhibit No. 3. There are approximately 20.14 acres of plant beds requiring maintenance. This work shall be accomplished in accordance with the recommended Sunset New Western Garden Book procedures for pruning, guying, fertilizing, and maintaining. The recommended Sunset New Western Garden Book shall take precedence over these specifications where there is a conflict. All dead plants shall be removed and deposited in an area approved by the COR.

6.2.1 Trees. The adult trees shall be regularly inspected and trimmed up to 20 feet high as necessary to remove deadwood, broken limbs and to provide access underneath the tree. Additional work above that will be at the Government's expense on a separate contract. Replacement trees shall be trimmed to promote healthy growth. All trimmings shall be chipped and disposed of in an area approved by the COR.

6.2.2 Shrubs. Mature shrubs shall be pruned to maintain their natural growth characteristics. Pruning shall be accomplished to maintain the general size and shape existing at the time of the contract. Pruning of replacement shrubs shall be accomplished as directed by the COR. Debris shall be disposed of in an area approved by the COR.

6.2.3 Hedges. There are approximately 7180 linear feet of hedge. Hedges shall be maintained in shapes existing at the time the contract becomes effective. Trimming shall be required a minimum of three times during the growth season. No informal hedges or screen planting shall be converted to formal shapes as a part of the contract. Debris shall be disposed of in an area approved by the COR.

6.2.4 Replacements. The Contractor shall replace, during the spring or fall planting season, trees and shrubs that are lost by disease, winter-kill, drought, and damage or acts of God. Replacements will be at the Government's expense. The contractor shall provide a cost estimate for the replacements to the COR who will initiate a modification to the contract. Contractor shall be responsible for the acquisition, pruning, and special care required of all replacement trees and

shrubs. Replacements may be available from the Government nursery stock at no cost. The Contractor and COR will agree on the source of the replacements. The replacement plant materials and plantings shall conform to industry standards as outlined in American Standards for Nursery Stock - ANZI Z-60.1 - 1973. The standard is available from American Association of Nurserymen, Inc., 230 Southern Building, Washington, D.C. 20005.

6.2.5 Additional plantings. Where agreed upon by the Contractor and COR, additional shrubs, trees, and ground cover may be planted to fill in open bed areas.

6.2.6 Moss and Fungus Control. From February through March, the Contractor shall spray all trees, up to 20' high, with a lime-sulfur solution to control moss and fungus. An adequate amount to control moss and fungus shall be applied.

6.2.7 Pest Control. The Contractor shall not be responsible for spraying or otherwise preventing beetles, aphids, cotton scales, leaf miners, caterpillars and other insects, or disease from damaging trees higher than 20'. This will be the Government's responsibility.

6.2.8 Visitor Center Plantings. All planting materials located in the Bradford Island Visitor Center and the North Shore Visitor Complex shall be regularly inspected and maintained to promote healthy growth. Plants must be removed from the buildings for pesticide application. This includes only those plants located in plant boxes or containers which total approximately 18 shrubs or dwarf trees and 13 outside bench planters.

6.3 Flower and Shrub Beds. Flower and shrub beds will be prepared in the Spring when weather permits. The Contractor shall replenish mulch where needed. Fertilizer shall be applied as specified in paragraph 6.1.6. 1. Flower and shrub beds fall under 3 levels of care as designated in Exhibit 3.

Level I: Level I beds amount to 2.85 acres. All shrub and flower beds will be prepared in the spring and maintained year round. Mulch will be maintained at approximately 2 inches of cover to prevent evaporation. Weeding will be accomplished weekly or enough to maintain a weed-free appearance. The Contractor shall be responsible for planting blooming flowers in the beds indicated on Exhibit 3. Flowers shall exhibit a variety of colors and be in sufficient numbers to adequately fill the areas specified. Several plantings may be necessary to keep the seasonally appropriate flowers blooming in the beds. In the fall of each year, the Contractor shall meet with the COR to coordinate the planting needs for the upcoming year.

Level II: Level II beds amount to 5.14 acres. All dead plant material, debris, litter and weeds will be removed from areas within 4' of roadsides, sidewalks, curbs, and handrails only and disposed of in an area approved by the COR. Beds will be maintained in this condition year round. No weeds shall be visible above the height of the shrubbery.

Level III: Level III beds amount to 12.15 acres. 3 times a year, all dead plant material, debris, litter and weeds will be removed from areas within 4' of roadsides, sidewalks, curbs, and handrails only and disposed of in an area approved by the COR. This may be accomplished through hand pulling, mowing, or line trimming.

6.3.1 Ground Cover Beds. Ground cover beds may fall under Level I or Level 11 care depending on their location. They may include St. John's Wort, English Ivy, Cotoneaster, clover, or other low growing vegetation. Where appropriate, trimming of tops shall be performed immediately prior to the growing season to promote healthy growth. Trimming shall also be performed to keep plantings within the boundaries of the bed, such that it does not extend onto adjacent sidewalks, curbs, or roads. All efforts shall be made to prevent bare spots from occurring within the bed boundaries. Weeding shall be performed as determined by the COR. Trimmings and weeds shall be disposed of in an area approved by the COR. Clover beds may require trimming during growing season to prevent encroachment into other beds and turf.

6.3.2 Wildflower Beds. These are Level III beds. Contractor shall line-trim or mow wildflower beds once a year after the growing season to knock down dead material and disperse seeds.

6.4 Irrigation. The Government shall supply personnel to operate and maintain the irrigation system at Bonneville project. The Contractor shall be responsible for notifying the Government as to the volumes and frequencies of required irrigation necessary to maintain the healthy growth and pleasing appearance of the project grounds. Browning, die-back, and thinning of trees, shrubs, and turf are indicative of failure to properly perform the watering operations. The Contractor shall not be held responsible if the Government cannot meet those amounts and frequencies.

6.4.1 Schedule. The monthly watering schedule for amounts and frequencies is the responsibility of the Contractor and will be submitted with the monthly update to the work schedule for approval by the COR. The Contractor shall not request a watering operation that would interfere with the public and/or employee use of the grounds.

6.4.2 Irrigation System. The Government shall maintain the sprinkler heads and risers, including supply lines, on installed underground systems. The Contractor, however, is responsible for providing the necessary equipment for watering Level I and Level II turf, trees, and shrubs not covered by the irrigation system. Any damage to the irrigation system directly caused by the Contractor shall be deducted from the monthly billing.

6.5 Fertilizer. The Contractor shall have a soil analysis performed by an approved Laboratory prior to the first fertilization. Results shall be provided to the COR. The fertilizer used shall be as recommended by each soil analysis.

6.5.1 Fertilizer Application. Fertilizer shall be used within 1 week of being brought on to the project as storage for such chemicals is not adequate. Fertilization Application is divided into 3 levels of care as designated on Exhibit 3.

Level I turf: The Contractor shall make 3 applications a year of a commercial-type fertilizer. Applications during early Spring and Fall can be a "weed and feed" type of fertilizer. Mid-Summer fertilizer shall be a "straight" fertilizer.

Level II turf. The Contractor shall make 1 application a year, during Spring, of a "weed and feed" type fertilizer.

Level III turf. No fertilizer will be applied.

Level I beds: Flower and shrub beds shall be fertilized twice; in Spring and Fall. The time frame for applications may be modified by the COR based on climatic and growing conditions. The products and application plan shall be submitted to the COR for approval with the work - schedule. An appropriate amount of fertilizer will be applied to rhododendron, camellia and azalea beds to promote the growth of flowers.

Level II beds: Beds shall be fertilized once a year; in Spring. The time frame for applications may be modified by the COR based on climatic and growing conditions. The products and application plan shall be submitted to the COR for approval with the work schedule. An appropriate fertilizer will be applied to rhododendron, camellia, and azalea beds to promote the growth of flowers.

Level III beds: No fertilizer will be applied.

6.5.2 Tree Feeding. Using National Arborist Association Standards, the Contractor shall fertilize all trees excluding alder and cottonwood. This shall be coordinated with the COR.

6.6 Weed Control: Large quantities of pesticides may not be stored on site for more than 2 weeks. The project does not have adequate facilities for long term storage. However, up to 4 gallons of frequently used pesticides may be stored in a locked, ventilated, and properly signed storage cabinet that provides secondary containment. The Contractor is responsible for ensuring that all pesticide handling, use, transportation, storage, and disposal is in compliance with applicable local, state and federal regulations.

6.6.1 Weed Control Application. Weed Control is divided into 3 levels of care as designated on Exhibit 3.

Level I beds: Contractor shall apply a pre-emergent once a year

Level II beds: Contractor shall apply a pre-emergent once a year. No pre-emergent shall be used in clover or wildflower beds.

Level III beds: Contractor shall apply a pre-emergent as needed

6.6.2 Other Weed Control. The Contractor shall treat, as necessary, the following areas to prevent the growth of grass and weeds; cracks and expansion joints in all concrete and asphalt surfaces, curbs, and gravel parking areas. These areas shall be coordinated with the COR. Burning is the preferred method of weed control in these areas. No chemical applications will be made immediately adjacent to fish ladders.

6.7 Storm Damage. The contractor shall remove fallen trees, limbs, debris, and silts from runoff, from level I, II, and III grounds, roads, sidewalks, and parking areas. History indicates approximately 50 cubic yards of material can be expected to be deposited during in a year. The Contractor must immediately remove any significant debris on roads, sidewalks and parking areas which restricts movement or presents a safety hazard. The removal of all other debris and any necessary pruning to storm damaged trees or bushes must be completed within five working days of the end of the storm or other occurrence. Performance of grass cutting, trimming, leaf removal, edging, and other grounds maintenance activities may be suspended for a period as designated by the COR during the debris clean-up.

6.8 Policing Grounds. The Contractor shall pick up and dispose of trash and litter on 47.78 acres of Level I, II, and III grounds, 11 acres of areas without vegetation which include all sidewalks and parking areas and 1.6 miles of roads. Level I and II areas shall be policed a minimum of once a week. Level III areas shall be policed a minimum of once a month. Trash and litter includes, but is not limited to, paper, plastic, bottles, cans, cardboard, rags, and other foreign material visible from a distance of 5 feet. The Contractor is responsible for placing trash and litter, including the contents of outside trash cans, receptacles, and cold ash from grills into dumpsters located on the project.

6.9 Leaf Removal. During the period 1 October through 30 April, fallen leaves shall be removed weekly from all Level I and II areas, including roadways, parking areas, sidewalks, steps, curbs, slabs, etc. Leaves will be considered properly removed when no more than 20% of any square foot section is covered by a single layer of leaves. The COR and QAE will give due consideration to the effects of wind, rain and foul weather. Special care shall be taken to prevent the accumulation of fallen leaves in roadside gutters and storm drains. The Contractor is responsible for keeping drain grate covers clear of debris. More than 20% of the grate surface area clogged with debris during any rain shall indicate failure to properly perform this item of work. The accumulation of leaves, sand and other debris in all drain sumps shall be kept from within 2 inches of the drain pipe invert. Failure to do so shall indicate a failure to properly perform this function. Historically, during October through December leaf removal has been a daily operation. Leaves shall be disposed of in an area approved by the COR.

6.10 Level of Care - (Quick Reference

Level 1: Turf Mow 1 time per week (AQL grass height 2"-3")

Aerate 1 time per year.

Thatch 1 time per year.

Fertilize 3 times per year - "weed and feed" in Spring and Fall, fertilize in Summer.

Moss control 1 time a year.

Control weeds as they appear.

Edge -Maintain a clean edge along all sidewalks, curbs, roads, railings.

Irrigate - maintain good color and growth.

Leaf removal weekly.

Police weekly.

Pest control as needed.

Beds

Weed Free

Fertilize

Pre-emerge

Leaf removal weekly

Police weekly

Pest control as needed

Level 11: Turf - Mow 1-2 times per month (AQL grass height shall not exceed 6")

Fertilize/weed control with a "weed and feed" type of application 1 time per year

Keep grass from growing over the edge of all sidewalks, curbs, roads, railings

Aerate once a year

Irrigate to maintain good color and growth

Leaf removal weekly

Police weekly

Pest control as needed

Beds

Fertilize

Pre-emerge in non-clover areas

Weed free only at roadsides, curbs and handrails

Leaf removal weekly

Police weekly

Pest control as needed

Level III: Turf - Mow no more than 1 time per month (AQL grass not to exceed height of 12")

Maintain edge along sidewalks, curbs, roads and railings

Mow minimum 21 " strip along roads, curbs, railings to define the edge of sidewalks, curbs, roads and railings. (Grass height not to exceed 6")

Irrigate to limit growth and to prevent fire hazard

Police monthly

Beds - Including wildflower beds - String-trim or mow to knock down weed and dead growth once a year.

Police monthly

Pre-emerge as needed.

Section C.7

Deliverables - The Contractor shall prepare and submit for approval all items listed in Exhibit 4., Contract Data Requirements List. Late or disapproved submissions may be the basis for a deduction to the contract price as specified in Exhibit 5, Unit Prices.

7.1 Grounds Maintenance Plan. Within 30 days after the acknowledgement of the Notice of Award, the Contractor shall submit a plan for all grounds maintenance for the period of the contract. The plan shall provide a program to accomplish all maintenance as specified in Section C-6. The plan shall include programmed staffing and equipment requirements.

7. 1.1 Monthly Updates. The Grounds Maintenance Plan shall be updated by the tenth day of each month thereafter, to indicate actual accomplishment for the year to date.

7.2 Work Schedule. The Contractor shall prepare a monthly work schedule for the performance of grounds maintenance. The schedule shall be provided to the COR three working days prior to the beginning of the work month. The schedule shall be in sufficient detail as to allow the QAE to be informed as to what is on-going. The Contractor's Supervisor shall keep the schedule updated on a daily basis. All changes are subject to the approval of the COR. .

7.2.1 Specific Requirements. The work schedule shall include a detailed watering and policing schedule in addition to other items of work contained in Section C.6,

7.3 Pesticide Report. The Contractor shall submit the products and application plans for fertilizer, weed and moss/fungus control with the work schedule one month prior to the start of such work. The Contractor shall submit to the COR "spray reports" no more than 2 weeks after each application. By 30 November each year, the Contractor shall have submitted to the COR all detailed Pesticide Application reports as specified in ER 1130-2-540.

7.4 Chipper Safety Report. Refer to paragraph 9.3 for deliverable pertaining to Government furnished Chipper.

7.5 Hazard Communication/Material Safety Data Sheets (MSDS). Prior to bringing any hazardous chemicals to the Bonneville Lock and Dam Project, the contractor shall furnish to the COR, a copy of all Material Safety Data Sheets (MSDSs). MSDSs shall also be furnished to the COR, prior to ordering new chemicals and when an MSDS for a chemical is revised by the manufacturer. The contractor shall maintain an up-to-date MSDS file which is near his/her employee's work area(s)during each work shift. The contractor shall ensure that each of his/her employees is trained in the Hazard Communication Standard.

All pesticides must be approved, in writing, by the COR prior to bringing chemicals on the Bonneville Project.

Section C.8

Performance Inspection

8.1 Performance Requirements Summary (PRS) - See Exhibit 5.

8.2 Criteria for Measuring the Effectiveness of the Effort

8.2.1 Required Services Surveilled by Random Sampling - Criteria shall be based on Acceptable Quality Level (AQL) for each required service.

8.2.2 Required Services Surveilled by Planned Sampling Method - Surveillance by planned sampling, like random sampling, is designed to inspect some part, but not all of the contract service requirements being monitored. Planned sampling under this plan will differ from random sampling only in the way that samples are selected.

8.2.3 Required Services Surveilled by Other Than Random Sampling -The criteria for other requirements are derived from estimates of the level of performance experience when the service was done by Government personnel, or are the level of performance deemed acceptable to the Government.

8.3 Performance

8.3.1 Acceptable Performance - Performance is based on the standards designated in the Specifications and in the PRS for each requirement.

8.3.2 Unacceptable Performance - Unacceptable performance is defined as non-conformance to the contract specifications, resulting in a "defect". The term "defective" is used in reference to a service output in the Performance Requirements Summary that does not meet the output's associated standard.

8.3.3 Performance Evaluation - The Contractor's performance will be evaluated to determine whether or not it meets the performance requirements of the contract. When the AQL is exceeded and poor performance is clearly the fault of the Contractor a Contract Discrepancy Report (CDR) will be issued to the Contractor by the COR. The CDR requires the Contractor to explain, in writing, the reason for the unacceptable performance, how the performance will be returned to acceptable levels, and how recurrence of the problem will be prevented.

8.3.4 Upon evaluation of the Contractor's response to a CDR for tasks surveilled the Contractor's payment for the month in which the performance in question occurred will be calculated in accordance with PRS (Exhibit 5). The Contractor shall respond to the CDR by completing the form and returning it to the COR within 5 calendar of receipt. The CDR requires the Contractor to explain in writing the reason for the unacceptable performance, how performance will be returned to acceptable levels, and how recurrence of the problem will be prevented in accordance with the standards set forth in this contract notwithstanding that the Contractor is required to correct the defects within the time frame indicated in the PRS. In the

case of CDR's issued as the result of other methods of surveillance the COR shall take appropriate measures according to the clause entitled "Inspection of Services". As shown on the CDR, payment will be withheld according to the PRS. For example, if the Contractor allows the grass to exceed 3 inches on a Level I turf plot, a CDR will be issued and a deduction made if the defect is the Contractor's responsibility. The Contractor has two days to correct the situation and if he fails to, another CDR will be issued and a deduction made accordingly. The Contractor has two days to correct the defects. If the Contractor fails to correct the defects within the time frame specified, further deductions will be made.

8.4 Deductions

8.4.1 The COR may require that all work which fOs to provide the desired results be redone or reduce the contract price to equal the reduced value of the service. The Contractor shall ensure that the defects do not recur. If the Contractor fails to rework the rejected areas or the defects, the Government may:

- a. Reduce the contract to equal the reduced value of the service, using the PRS (Exhibit 5) and Unit Prices (Section B-1) as a basis.
- b. Perform the required services, by contract or otherwise, and deduct any costs incurred by the Government that is directly related to the performance of such services from the Contractor's monthly invoice.
- c. Terminate the contract for default.

Section C.9

Accident Prevention

9.1 References - Accident Prevention Clause 52.236-0013 1 in Section F and EM-385-1-1, Safety and Health Requirements Manual in Section C.3, Applicable Documents

9.2 Reports - The Contractor shall maintain an accurate record of-and will report to the COR in the manner and on the forms prescribed by the Contracting Officer, exposure data and all accidents resulting in death, traumatic injury, occupational disease, and/or damage under this contract.

9.3 Training - The Government shall furnish to the Contractor for Contractor use, a "Wayne" Wood Chipper/Shredder. Prior to the operation of this machine, the Contractors Supervisor shall conduct a thorough indoctrination with all employees on it's operation and safety features. Records of this indoctrination shall be kept on file with a copy furnished to the COR. Under no circumstances shall this machine be operated by any Contractor employee who has not received this indoctrination. In addition, the Contractor shall insure that this machine is never operated with less than two trained employees. The estimated value of the Wood Chipper/Shredder is \$4,000.00.

Exhibit No. 1

Government Furnished Facilities

The Government shall furnish the Contractor the following facilities during the term of this contract:

1. Facilities adequate to house contractor's operation.
2. Two greenhouses approximately 360 sq. ft. lighted, water available, no heat.
3. Employee parking
4. Wood Chipper, Wayne.

Exhibit No. 2

Government Furnished Services

The government shall provide the following services:

a. Services of a non-recurring nature, for the control of pests, insects, and animals that damage turf and landscape plantings. Regular control of common insects on roses, shrubbery and trees are the responsibility of the Contractor as specified herein. The Contractor is also responsible for the regular control of moles and other small rodents that damage turf and landscape plantings.

b. Utilities. Utilities include potable water, electricity, and minimal heating.

c. Trash and Litter Disposal Areas. Trash and litter pickup shall be placed in dumpsters located on the project. This does not include grass clippings, wood chips, leaves and tree limbs and other debris which shall be disposed of in areas approved and/or designated by the COR.

Exhibit No. 3

Maps

Maps identifying all areas covered in this document are provided separately with the solicitation.

Exhibit No. 4

Contract Data Item List and Description - Submittals

4.1 Contractor's Quality Control Program

a. Purpose/Description. The Quality Control (QC) Program provided by the Contractor shall describe the inspection system for the required services listed in Section C.6. It shall specify how, when and by whom each service will be inspected. It shall describe how questionable service will be identified and corrected before service becomes unsatisfactory. It shall describe the method(s) used to record the QC inspections and the dispositions of these inspections.

b. Interrelationships. The Quality Control Program requires that internal company procedures are used to provide quality performance to the Government.

c. Preparation Instructions. The QC Program must be typewritten with a cover page identifying the plan and the effective date. It must contain, as a minimum, the provisions listed in Section C.6. A basic version outlining a general approach ready by the time of the pre-award survey. A final up-dated version adapted to the specific requirements of the Statement of Work shall be submitted by the contract start date.

4.2 Grounds Maintenance Plan

a. Purpose/Description. The Grounds Maintenance Plan shall describe the schedule of services to be provided in accordance with these specifications. It shall specify the time frames for one time events, target dates for submissions of materials and application plans, and the planned size of the work force.

b. Interrelationships. The Grounds Maintenance Plan must reflect the contract requirements and serves as the basis for the work schedule.

c. Preparation Instructions. It must be typewritten with a cover page and must contain all work items included in the contract. A basic version outlining the general approach shall be ready at time of the pre-award survey (if conducted). A final version shall be submitted within 30 days of the Notice to Award. An updated plan shall be provided the 10th of each month to reflect actual accomplishments for the year.

4.3 Work Schedule and Application Plans

a. Purpose/Description. The work schedule shall serve as the Contractor's monthly notification to the QAE as to what work is to be accomplished. The schedule provides the Contractor a mechanism to communicate to the QAE information in sufficient detail to keep the QAE informed as to the on-going work.

b. Interrelationships. The work schedule is developed from the Grounds Maintenance Plan and the level of work actually completed.

c. Preparation Instructions. It must be legibly written, conform in format to the Maintenance Plan and be in sufficient detail to show the monthly schedule of work items. The schedule must be maintained up-to-date with the QAE on a daily basis if necessary.

4.4 Submittals - Shall be provided by the Contractor at the Pre-Work Conference to take place no later than two weeks after date of award or 15 July, whichever comes last.

EXHIBIT NO. 5
PERFORMANCE REQUIREMENTS SUMMARY

REQUIRED IDENTIFICATION/ REPORTS/SERVICES	PERFORMANCE STANDARDS	MAXIMUM ALLOWABLE DEVIATION FROM REQUIREMENT (AQL)	METHOD OF SURVEILLANCE	MONTHLY CONTRACT PAYMENT FOR EXCEEDING THE AQL
IDENTIFICATION AND REPORTS				
Contractor Uniform and I D	Required for each employee in accordance with C.1.5.3	5%	100% Inspection	2%
Quality Control Program	Available at the pre-work conference in accordance with C.1.6	2%	100% Inspection	1%
Grounds Maintenance Plan	Within 30 days after NTP in accordance with C.7.1	6%	100% Inspection	1%
Work Schedule	3 working days prior to beginning of the month in accordance with C.7.2	2%	100% Inspection	1%
Pesticide Report	1 month prior to start of such work in accordance with C.7.3	2%	100% Inspection	1%
Chipper Safety Report	Training records of indoctrination of operators in accordance with C.9.3	3%	100% Inspection	1%
Hazardous Chemical MSDS Sheets and Training Records	Prior to ordering new chemicals & on file in work area in accordance with C.7.5	2%	100% Inspection	2%
Pesticide Approval	Prior to bringing onto Project in accordance with C.7.5	2%	100% Inspection	2%
Accident Reports	All accidents resulting in death, traumatic injury, occupational disease or damage in accordance with C.9.2	1%	100% Inspection	2%
TURF MAINTENANCE				
Mowing Level I	Maintain grass between 2" and 3" in accordance with C.6.1.1	2%(2%)	Random Sampling	5%
Mowing Level II	Maintain grass between 3" and 6" in accordance with C.6.1.1	2%(4%)	Random Sampling	4%
Mowing Level III	Maintain grass between 4" and 12" in accordance with C.6.1.1	2%(6%)	Random Sampling	4%
Edging Level I	Perform edging 3 times/year in accordance with C.6.2	2%(2%)	Random Sampling	5%
Edging Level II	Perform edging 2 times/year in accordance with C.6.2	2%(4%)	Random Sampling	4%
Edging Level III	Perform edging 1 time/year in accordance with C.6.2	2%(6%)	Random Sampling	2%
Trimming	Perform trimming to match surrounding turf in accordance with C.6.3	2%(3%)	Random Sampling	3%
Aeration	Perform 1 time/year on Level I and Level II turf in accordance with C.6.4	3%	100% Inspection	2%
Thatching	Perform 1 time/year on Level I turf in accordance with C.6.5	3%	100% Inspection	2%
Pest Control	Perform necessary action as needed in accordance with C.6.6	4%	100% Inspection	4%

EXHIBIT NO. 5
PERFORMANCE REQUIREMENTS SUMMARY

REQUIRED IDENTIFICATION/ REPORTS/SERVICES	PERFORMANCE STANDARDS	MAXIMUM ALLOWABLE DEVIATION FROM REQUIREMENT (AQL)	METHOD OF SURVEILLANCE	MONTHLY CONTRACT PAYMENT FOR EXCEEDING THE AQL
Weed/Moss Control Level I	Perform in Spring & Fall in Accordance with C.6.1.7	3%	100% Inspection	1%
Weed/Moss Control Level II	Perform in Spring in accordance with C.6.1.7		100% Inspection	1%
Turf Repair and Reestablishment	Repair as needed in accordance with C.6.1.8	3%	100% Inspection	1%
Replacement	Replace as needed in accordance with C.6.1.9	3%	100% Inspection	1%
TREE AND SHRUB MAINTENANCE				
Trees	Inspect, trim, replace in accordance with C.6.2.1	2%(4%)	Random Sampling	2%
Shrubs	Prune in accordance with C.6.2.2	2%(6%)	Random Sampling	2%
Hedges	Trim at least 3 times/year in accordance with C.6.2.3	2%	100% Inspection	2%
Replacements	As needed in accordance with C.6.2.4	3%	100% Inspection	2%
Additional Plantings	Where agreed upon in accordance with C.6.2.5	3%(3%)	Random Sampling	2%
Moss and Fungus Control	Spray in accordance with C.6.2.6		100 % Inspection	
Pest Control	Perform as needed on trees less than 20 feet high in accordance with C.6.2.7	2%(2%)	Random Sampling	1%
Visitor Center Plantings	Inspect & maintain in accordance with C.6.2.8	2%(5%)	Random Sampling	3%
FLOWER AND SHRUB BEDS				
Beds Level I	Prepare and mulch in Spring & plant/weed and maintain year round in accordance with C.6.3	2%(3%)	Random Sampling	3%
Beds Level II	Clear debris, weed and maintain year round in accordance with C.6.3	2%(4%)	Random Sampling	2%
Beds Level III	Clear debris 3 times/year in accordance with C.6.3	2%(6%)	Random Sampling	2%
Ground Cover Beds	Level I and II - Trim and weed in accordance with C.6.3.1	2%(5%)	Random Sampling	2%
Wildflower Beds	Level III – line trim or mow 1 time/year in accordance with C.6.3.2	4%	100% Inspection	1%
FERTILIZE				
Fertilize Level I Turf	Soil analysis in accordance with C.6.5	4%	100 % Inspection	4%
Fertilize Level I Turf	Perform 3 times/year in accordance with C.6.5.1	2%(6%)	Random Sampling	3%
Fertilize Level II Turf	Perform 1 time/year in accordance with C.6.5.1	2%(6%)	Random Sampling	3%

EXHIBIT NO. 5
PERFORMANCE REQUIREMENTS SUMMARY

REQUIRED IDENTIFICATION/ REPORTS/SERVICES	PERFORMANCE STANDARDS	MAXIMUM ALLOWABLE DEVIATION FROM REQUIREMENT (AQL)	METHOD OF SURVEILLANCE	MONTHLY CONTRACT PAYMENT FOR EXCEEDING THE AQL
STORM DAMAGE	Perform as needed in accordance with C.7	2%(5%)	Random Sampling	3%
POLICING GROUNDS Level I and II	Perform at least weekly in accordance with C.6.8	2%(4%)	Random Sampling	2%
Level III	Perform at least monthly in accordance with C.6.8	2%(5%)	Random Sampling	1%
LEAF REMOVAL Level I and II	Perform weekly in accordance with C.6.9	2%(6%)	Random Sampling	2%