

NASA		CONTRACT		1. DPAS DO-C9	2. PPC	3. Init. Ofc.	4. Page <u>1</u> of <u>36</u>
5. Contract No. NAS1-97117		6. Effective Date 6/1/97		7. Procurement Request No. GI.9621		8. Vendor Code	
9. Issued By Code National Aeronautics and Space Administration Langley Research Center 9A Langley Boulevard, Bldg. 1195B, Rm. 125 Hampton, VA 23681-0001				10. Contractor Name and Address MLB Enterprises, Inc. P.O. Box 614 Langley AFB, VA 23665 Name and Telephone No. of Contract Administrator: David H. Jones (757) 864-2421			
11. Administered By Code LARC Administrator: David H. Jones/(757) 864-2421				12. Payment Will Be Made By Code Financial Management Division Mail Stop 175, NASA, Langley Research Center Hampton, VA. 23681-0001			
13. Submit Invoices To Code (4 copies unless otherwise specified) The COTR as specified in Item 11, INVOICE PAYMENTS, of this contract.				14. Accounting and Appropriations Data PR: GI.0622 JO: A5220 Amount: \$171,600 (Partial)			
15A. Contract Type Firm-Fixed-Price Services				15B. Incremental Funding [Y]			
TABLE OF CONTENTS							
SECTION DESCRIPTION		PAGE		SECTION DESCRIPTION		PAGE	
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Full Text Clauses		2		Installation-Provided Government Property		(Exhibit C)	
Clauses Incorporated by Reference		35		Wage Determination		(Exhibit D)	
Statement of Work		(Exhibit A)		Reporting Requirements		(Exhibit E)	
17. Items Awarded Under This Contract ITEMS 1 & 2 THIS CONTRACT IS AWARDED UNDER THE NASA/LARC MIDRANGE PILOT TEST PROGRAM APPROVED BY THE OFFICE OF FEDERAL PROCUREMENT POLICY AUGUST 22, 1994 BVS <input type="checkbox"/> TPA Code:				Acknowledgment of Amendment #s _____			
18A. Discount Terms				18B. Total Amount of Contract		\$659,292.66	
19. Name and Title (Type or Print) SEE TRIPARTITE AGREEMENT				20. Name of Contracting Officer SEE TRIPARTITE AGREEMENT			
21. Signature (of person authorized to sign) SEE TRIPARTITE AGREEMENT				22. Signature SEE TRIPARTITE AGREEMENT			
Contractor		Date		United States of America		Date	

TRIPARTITE AGREEMENT

Prime Contract No.: NAS1-97117

Subcontract No.: 0304 - 97 - 6 - 06224

Subcontractor: MLB Enterprises, Inc.

BY: *Michael L. Brittin* DATE: 5/28/97

NAME/TITLE: Michael L. Brittin
President

Small Business Administration
United States of America

BY: *Judith Sawyer* DATE: 5/29/97

NAME/TITLE: **JUDITH B. SAWYER**
CONTRACTING OFFICER

National Aeronautics and Space Administration
Langley Research Center

BY: *David H. Jones* DATE: 5/29/97

NAME/TITLE: David H. Jones
Contracting Officer

FULL-TEXT CLAUSES1. SUPPLIES AND/OR SERVICES TO BE FURNISHED (NASA 18-52.210-72) (DEC 1988)

(A) GENERAL INFORMATION: This contract contains both firm-fixed price (FFP) work and indefinite quantity (IQ) work to provide Groundskeeping and Pest Control Services for a base period of one year, with 4 one-year option periods.

Bidders shall enter unit prices and total amounts for contract line items and sub-line items indicated in the bid schedule below and in the Schedule of Deductions in the subsequent section.

The Contractor shall provide all resources (except as may be expressly stated in this contract as furnished by the Government) necessary to furnish the items below in accordance with the Statement of Work (Exhibit A).

(B) FIRM-FIXED PRICE (FFP) WORK: The FFP work is supported by a Schedule of Deductions (see Item 2). The Bid Schedules, Schedule of Deductions, and the Performance Requirements Summary (Exhibit B) will be used to assess Contractor performance pursuant to the clause CONSEQUENCES OF CONTRACTOR'S FAILURE TO PERFORM REQUIRED SERVICES (Item 3 below).

The total dollar value for the FFP work must equal the total dollar value for the Schedule of Deductions for the base year and for each of the option periods.

(C) INDEFINITE QUANTITY (IQ) WORK: The estimated quantities provided in the Bid Schedules represent the estimated annual quantities the Government anticipates ordering per line item. The Government makes NO firm commitment to purchase any of the IQ line items; however, if a requirement for services covered by the IQ items arises during the term of this contract, the Government will purchase those services under the contract, up to the contract ceiling amounts. The unit prices listed on the Bid Schedule will also serve as the Schedule of Deductions for the IQ work. IQ work shall be placed in accordance with Item 5, INDEFINITE QUANTITY DELIVERY ORDERS, below.

NOTE: There are ceilings on the total dollar value of IQ work the Government may order during the base year and each option period. These ceilings are the sum of the "TOTAL AMOUNTS" of the IQ subline items under Item 2, for the base period and for each of the option periods.

(D) IQ LINE ITEM QUANTITIES: The estimated line item annual quantities for the IQ portion of the contract may be unilaterally increased or decreased by the Contracting Officer by one unit or 10 percent, whichever is greater. However, the overall ceiling limits for Item 2 referenced in (C) above for the base year and the option periods shall not be exceeded except by a bilateral modification to the contract.

(E) SEPARATELY PRICED OPTIONS: Pursuant to clause 52.217-9, OPTION TO EXTEND THE TERM OF THE CONTRACT, the Contractor shall provide all resources (except as may be expressly stated in this contract as furnished by the Government) necessary to furnish the services described in the Statement of Work (Exhibit A) for Option Periods One, Two, Three, and Four as set forth in Item 16, OPTIONS.

BID SCHEDULE: FIRM FIXED PRICE (FFP) WORK

Item 1: Price to perform firm fixed price work in accordance with all terms of this contract. The price for the Base Period and each Option Period is the sum of Items 001A through 001N.

	<u>AMOUNT</u>
BASE PERIOD:	\$ 365,085.25
OPTION PERIOD ONE:	\$ 376,942.59
OPTION PERIOD TWO:	\$ 382,712.67
OPTION PERIOD THREE:	\$ 390,681.55
OPTION PERIOD FOUR:	\$ 394,055.19
FIVE YEAR TOTAL	\$ 1,909,477.25

ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT
001A	Maint. Level I Mowing (Per Para. 9.1.A.)	4,903.92	ACRE
001B	Maint. Level II Mowing (Per Para. 9.2.a)	577.92	ACRE
001C	Maint. Level III Mowing (Per Para. 9.3)	876.33	ACRE
001D	Edging (Per Para. 9.1.B)	600,000	Linear Ft. (LF)
001E	Cultivate Plant Bed (Per Para. 9.1.C)	9,600	SQ YDS
001F	Mulch Plant Bed (Per Para. 9.1.D.)	4,800	SQ YDS
001G	Hedge Pruning (Per Para 9.1.E)	20,000	LF
001H	Shrub/Plant Pruning (Per Para. 9.1.E)	2,000	EACH
001I	Ground Cover Maintenance (Per Para. 9.1.F)	2,400	SQ YDS
001J	Burnable Refuse (Per Para. 10.A)	14,000	PICK-UP SITE
001K	Boxed Trash & Privacy Act Material (Per Para. 10.B)	26,000	BOX
001L	Trash & Litter Collection and Disposal (Per Para. 10.C)	16,346.00	ACRE
001M	Pest Control (P.M.) (Per Para. 11.A. & B.)	26	Application (APP)
001N	Clean Grease Traps (Per Para. 10.1.A.)	24	EACH

BASE PERIOD BID SCHEDULE: INDEFINITE QUANTITY					
ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
002	Indefinite Quantity Work: Price to perform indefinite quantity work in accordance with all the terms of this contract. The price contract line item 002 is the sum of subline 002A through 002 CD.				\$ 294,207.41
002A	Maint. Level I Mowing (Per Para. 13.(2))	400	ACRE	\$ 21.036	\$ 8,414.40
002B	Maint. Level II Mowing (Per Para. 13.(3))	400	ACRE	\$ 20.212	\$ 8,084.80
002C	Maint. Level III Mowing (Per Para. 13.(4))	200	ACRE	\$ 19.411	\$ 3,882.20
002D-1	Edging (Per Para. 9.1.B)	100,000	Linear Ft. (LF)	\$ 0.048	\$ 4,800.00
002D-2	Raking & Leaf Gathering (Per Para. 13. (5))	300	ACRE	\$ 38.670	\$ 11,601.00
Cultivation (Per Para. 13.(6))					
002E	Cultivate Plant Bed	1,200	SQ YDS	\$ 0.901	\$ 1,081.20
002F	Cultivate Shrubs	4,000	EACH	\$ 1.013	\$ 4,052.00
002G	Cultivate Hedges	20,000	LF	\$ 0.184	\$ 3,680.00
002H	Cultivate Ornamental Trees	400	EACH	\$ 2.026	\$ 810.40
Mulching (Per Para. 13(7))					
002I	Mulch Plant Bed	1,200	SQ YDS	\$ 1.065	\$ 1,278.00
002J	Mulch Shrubs	4,000	EACH	\$ 1.193	\$ 4,772.00
002K	Mulch Hedges	20,000	LF	\$ 0.286	\$ 5,720.00
002L	Mulch Ornamental Trees	400	EACH	\$ 2.267	\$ 906.80
002M	Ground Cover Maint. (Per Para 13.(8))	1,200	SQ YDS	\$ 0.646	\$ 775.20
002N	Prune Shrubs (Per Para. 13.(9))	2,000	EACH	\$ 3.261	\$ 6,522.00
002O	Prune Hedges (Per Para. 13.(9))	10,000	LF	\$ 0.300	\$ 3,000.00
Prune Trees (Per Para. 13.(10))					
002P	Shade Tree Pruning (1" - 6" Diameter)	200	EACH	\$ 17.842	\$ 3,568.40
002Q	Shade Tree Pruning (6" and above)	100	EACH	\$ 76.711	\$ 7,671.10
002R	Ornamental Tree Pruning (1" - 6" Dia.)	100	EACH	\$ 9.545	\$ 954.50

BASE PERIOD BID SCHEDULE: INDEFINITE QUANTITY

ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
002S	Ornamental Tree Pruning (6" and above) - (13.(10))	100	EACH	\$ 26.434	\$ 2,643.40
Tree Removal (Per Para. 13.(11))					
002T	Up to 1" Diameter	10	EACH	\$ 19.477	\$ 194.77
002U	1 1/8" to 3" Diameter	10	EACH	\$ 38.690	\$ 386.90
002V	3 1/8" to 6" Diameter	15	EACH	\$ 67.440	\$ 1,011.60
002W	6 1/8" to 12" Diameter	10	EACH	\$ 83.145	\$ 831.45
002X	12" and above Diameter	10	EACH	\$ 250.676	\$ 2,506.76
002Y	Large Stump Removal (Over 6" Diameter) (Per Para. 13.(12)(i))	5	EACH	\$ 480.199	\$ 2,401.00
002Z	Small Stump Removal (6" or Less) (Per Para. 13.(12)(ii))	10	EACH	\$ 44.118	\$ 441.18
002AA	Limb Removal (Over 1" Diameter) (Per Para. 13.(13))	25	EACH	\$ 27.011	\$ 675.28
002AB	Shrub Removal (Per Para. 13.(14))	100	EACH	\$ 13.938	\$ 1,393.80
002AC	Ground Cover Removal (Per Para. 13.(15))	2,500	SF	\$ 0.032	\$ 80.00
002AD	Mulch Removal (Per Para. 13. (16))	2,500	SF	\$ 0.027	\$ 67.50
002AE	Superfluous Growth Removal (Per Para. 13.(17))	500	EACH	\$ 1.013	\$ 506.50
002AF	Soil Removal (Per Para. 13.(18))	250	CUBIC YARD	\$ 2.863	\$ 715.75
002AG	Light Veg. Removal (Per Para. 13.(19)A(1))	1,000	LF	\$ 0.170	\$ 170.00
		5,000	SQ YDS	\$ 0.337	\$ 1,685.00
002AH	Medium Veg. Removal (Per Para. 13.(19)A(2))	1,000	LF	\$ 0.283	\$ 283.00
		5,000	SQ YDS	\$ 0.571	\$ 2,855.00
002AI	Heavy Veg. Removal (Per Para. 13.(19)A(3))	1,000	LF	\$ 0.336	\$ 336.00
		5,000	SQ YDS	\$ 0.674	\$ 3,370.00
002AJ	Vegetation Trimming (Per Para. 13.(19)B)	40,000	SQ YDS	\$ 0.018	\$ 720.00
002AK	Vegetation Trimming (Per Para. 13.(19)B)	120,000	LF	\$ 0.012	\$ 1,440.00
002AL	Grassing (Per Para. 13.(20))	25,000	SF	\$ 0.037	\$ 925.00
002AM	Seeding (Per Para. 13.(23))	25,000	SQ YDS	\$ 0.048	\$ 1,200.00
002AN	Erosion Control (Per Para. 13.(21))	10,000	SF	\$ 0.507	\$ 5,070.00
002AO	Topsoil Placement (Per Para. 13.(22))	1,000	CUBIC YARD	\$ 20.636	\$ 20,636.00

BASE PERIOD BID SCHEDULE: INDEFINITE QUANTITY

ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
Fertilization (Per Para. 13.(24, 25, 26))					
002AP	Fertilize Lawns	25,000	SQ YDS	\$ 0.025	\$ 625.00
002AQ	RESERVED				
002AR	Fertilize Trees	200	EACH	\$ 7.765	\$ 1,553.00
002AS	Fertilize Shrubs	2,000	EACH	\$ 0.615	\$ 1,230.00
002AT	Fertilize Hedges	10,000	LF	\$ 0.219	\$ 2,190.00

002AU	Fertilize Ground Cover (Per Para. 13.(26))	600	SQ YDS	\$ 1.482	\$ 889.20
002AV	Veg. Herbicide Application (Per Para. 13.(27))	40,000	SQ YDS	\$ 0.029	\$ 1,160.00
002AX	Veg. Herbicide Application (Per Para. 13.(27))	130,000	LF	\$ 0.005	\$ 676.00
002AY	Broad Leaf Weed Control Application (Per Para. 13.(27)(E))	30,000	SQ YDS	\$ 0.021	\$ 636.00

Transplant Trees (Per Para. 13.(28))					
002AZ	Up to 2" Diameter	10	EACH	\$ 24.793	\$ 247.93
002BA	2 1/8" to 4" Diameter	10	EACH	\$ 39.399	\$ 393.99
002BB	4 1/8" to 6" Diameter	10	EACH	\$ 76.885	\$ 768.85

Transplant Shrubs (Per Para. 13.(28))					
002BC	1' - 3'	50	EACH	\$ 14.724	\$ 736.20
002BD	3' - 6'	25	EACH	\$ 28.887	\$ 722.18
002BE	Over 6'	25	EACH	\$ 50.874	\$ 1,271.85
002BF	Transplant Ground Cover (Per Para. 13.(28))	1,000	SF	\$ 0.750	\$ 750.00
002BG	Lawn Repair (Per Para. 13.(29))	20,000	SQ YDS	\$ 0.407	\$ 8,140.00
002BH	Under Brushing (Clear Cut) (Per Para. 13.(30))	10,000	SQ YDS	\$ 0.601	\$ 6,010.00

Tree Establishment (Per Para. 13.(31))					
002BI	Plant Tree (12' - 14' Ht.) (2 1/2" - 3" Dia.)	20	EACH	\$ 39.399	\$ 787.98
002BJ	Plant Tree (14'1" - 16'Ht.) (3" to 6" Dia.)	10	EACH	\$ 91.558	\$ 915.58

BASE PERIOD BID SCHEDULE: INDEFINITE QUANTITY					
ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
Shrub Establishment (Per Para. 13.(31))					
002BK	Plant Deciduous Shrub (2 1/2' - 3' Ht.)	50	EACH	\$ 5.500	\$ 275.00
002BL	Plant Deciduous Shrub (3'1" - 4' Ht.)	25	EACH	\$ 14.179	\$ 354.48
002BM	Plant Evergreen Shrub (2 1/2" - 3' Ht.)	50	EACH	\$ 5.500	\$ 275.00
002BN	Plant Spreading Evergreen Shrub (1 1/2' - 2'Ht.)	25	EACH	\$ 5.500	\$ 137.50
002BO	Plant Broadleaf Evergreen Shrub (1 1/2' - 2 1/2' Ht.)	25	EACH	\$ 7.292	\$ 182.30
002BP	Plant Broadleaf Flowering Evergreen Shrub (1 1/2' - 2 1/2' Ht.)	25	EACH	\$ 8.102	\$ 202.55
002BQ-1	Pest Control Service Calls - Wood Infesting Insects (Per Para. 14.A.)	100	LABOR HOUR	\$ 96.460	\$ 9,646.00
002BQ-2	Pest Control Service Calls - other than Wood Infesting Insects (Per Para. 14.A.)	380	LABOR HOUR	\$ 37.980	\$ 14,432.40
002BR	Sandbagging (Per Para. 15.1)	600	LABOR HOUR	\$ 10.128	\$ 6,076.80
002BS	Barricades (Per Para. 15.2)	300	LABOR HOUR	\$ 10.128	\$ 3,038.40
Cleaning Services (Per Para. 16)					
002BT	Cleaning Ditches (Per Para. 16.(1))	5,000	LF	\$ 0.469	\$ 2,345.00
002BU	Cleaning Septic Tank (Per Para. 16.(3))	6	EACH	\$ 117.548	\$ 705.29
002BV	Cleaning Grease Trap (Per Para. 16.(4))	10	EACH	\$ 150.080	\$ 1,500.80
002BW	Cleaning Utility Tunnels (Per Para. 16.(5))	15,000	LF	\$ 0.762	\$ 11,430.00
002BX	Cleaning Catch Basins (Per Para. 16.(6))	500	EACH	\$ 5.957	\$ 2,978.50
002BY	Sweeping Pavement (Per Para. 16.(2))	2,000,000	SQ YDS	\$ 0.016	\$ 32,000.00
002BZ	Excavation - Utility System Repairs (Per Para. 17.1.a)	400	LABOR HOUR	\$ 15.080	\$ 6,032.00
002CA	Exploratory Excavation (Per Para. 17.1.b)	400	LABOR HOUR	\$ 15.080	\$ 6,032.00
002CB	Non-Burnable Refuse Removal (Per Para. 18)	280	CUBIC YARD	\$ 17.542	\$ 4,911.76
002CC	Misc. Labor (loaded rate) (Per Para. 19.A.(1))	1,000	LABOR HOUR	\$ 11.553	\$ 11,553.00
002CD	Material (not elsewhere specified) (Per Para. 19.A.(2))	\$15,000 + handling %	Cost + handling	8.5%	\$ 16,275.00

OPTION PERIOD ONE BID SCHEDULE: INDEFINITE QUANTITY					
ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
002	Indefinite Quantity Work: Price to perform indefinite quantity work in accordance with all the terms of this contract. The price contract line item 002 is the sum of subline 002A through 002 CD.				\$ 295,940.19
002A	Maint. Level I Mowing (Per Para. 13.(2))	400	ACRE	\$ 21.036	\$ 8,414.40
002B	Maint. Level II Mowing (Per Para. 13.(3))	400	ACRE	\$ 20.212	\$ 8,084.80
002C	Maint. Level III Mowing (Per Para. 13.(4))	200	ACRE	\$ 19.411	\$ 3,882.20
002D-1	Edging (Per Para. 9.1.B)	100,000	Linear Ft. (LF)	\$ 0.048	\$ 4,800.00
002D-2	Raking & Leaf Gathering (Per Para. 13. (5))	300	ACRE	\$ 38.670	\$ 11,601.00
Cultivation (Per Para. 13.(6))					
002E	Cultivate Plant Bed	1,200	SQ YDS	\$ 0.901	\$ 1,081.20
002F	Cultivate Shrubs	4,000	EACH	\$ 1.013	\$ 4,052.00
002G	Cultivate Hedges	20,000	LF	\$ 0.184	\$ 3,680.00
002H	Cultivate Ornamental Trees	400	EACH	\$ 2.026	\$ 810.40
Mulching (Per Para. 13(7))					
002I	Mulch Plant Bed	1,200	SQ YDS	\$ 1.065	\$ 1,278.00
002J	Mulch Shrubs	4,000	EACH	\$ 1.193	\$ 4,772.00
002K	Mulch Hedges	20,000	LF	\$ 0.286	\$ 5,720.00
002L	Mulch Ornamental Trees	400	EACH	\$ 2.267	\$ 906.80
002M	Ground Cover Maint. (Per Para 13.(8))	1,200	SQ YDS	\$ 0.658	\$ 789.60
002N	Prune Shrubs (Per Para. 13.(9))	2,000	EACH	\$ 3.316	\$ 6,632.00
002O	Prune Hedges (Per Para. 13.(9))	10,000	LF	\$ 0.306	\$ 3,060.00
Prune Trees (Per Para. 13.(10))					
002P	Shade Tree Pruning (1" - 6" Diameter)	200	EACH	\$ 17.842	\$ 3,568.40
002Q	Shade Tree Pruning (6" and above)	100	EACH	\$ 76.711	\$ 7,671.10
002R	Ornamental Tree Pruning (1" - 6" Dia.)	100	EACH	\$ 9.545	\$ 954.50

OPTION PERIOD ONE BID SCHEDULE: INDEFINITE QUANTITY					
ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
002S	Ornamental Tree Pruning (6" and above) - (13.(10))	100	EACH	\$ 26.434	\$ 2,643.40
Tree Removal (Per Para. 13.(11))					
002T	Up to 1" Diameter	10	EACH	\$ 19.477	\$ 194.77
002U	1 1/8" to 3" Diameter	10	EACH	\$ 38.690	\$ 386.90
002V	3 1/8" to 6" Diameter	15	EACH	\$ 67.440	\$ 1,011.60
002W	6 1/8" to 12" Diameter	10	EACH	\$ 83.145	\$ 831.45
002X	12" and above Diameter	10	EACH	\$ 250.676	\$ 2,506.76
002Y	Large Stump Removal (Over 6" Diameter) (Per Para. 13.(12)(i))	5	EACH	\$ 491.364	\$ 2,456.82
002Z	Small Stump Removal (6" or Less) (Per Para. 13.(12)(ii))	10	EACH	\$ 44.118	\$ 441.18
002AA	Limb Removal (Over 1" Diameter) (Per Para. 13.(13))	25	EACH	\$ 27.011	\$ 675.28
002AB	Shrub Removal (Per Para. 13.(14))	100	EACH	\$ 13.938	\$ 1,393.80
002AC	Ground Cover Removal (Per Para. 13.(15))	2,500	SF	\$ 0.032	\$ 80.00
002AD	Mulch Removal (Per Para. 13. (16))	2,500	SF	\$ 0.027	\$ 67.50
002AE	Superfluous Growth Removal (Per Para. 13.(17))	500	EACH	\$ 1.013	\$ 506.50
002AF	Soil Removal (Per Para. 13.(18))	250	CUBIC YARD	\$ 2.863	\$ 715.75
002AG	Light Veg. Removal (Per Para. 13.(19)A(1))	1,000	LF	\$ 0.170	\$ 170.00
		5,000	SQ YDS	\$ 0.337	\$ 1,685.00
002AH	Medium Veg. Removal (Per Para. 13.(19)A(2))	1,000	LF	\$ 0.283	\$ 283.00
		5,000	SQ YDS	\$ 0.571	\$ 2,855.00
002AI	Heavy Veg. Removal (Per Para. 13.(19)A(3))	1,000	LF	\$ 0.336	\$ 336.00
		5,000	SQ YDS	\$ 0.674	\$ 3,370.00
002AJ	Vegetation Trimming (Per Para. 13.(19)B))	40,000	SQ YDS	\$ 0.018	\$ 720.00
002AK	Vegetation Trimming (Per Para. 13.(19)B))	120,000	LF	\$ 0.012	\$ 1,440.00
002AL	Grassing (Per Para. 13.(20))	25,000	SF	\$ 0.037	\$ 925.00
002AM	Seeding (Per Para. 13.(23))	25,000	SQ YDS	\$ 0.049	\$ 1,225.00
002AN	Erosion Control (Per Para. 13.(21))	10,000	SF	\$ 0.507	\$ 5,070.00
002AO	Topsoil Placement (Per Para. 13.(22))	1,000	CUBIC YARD	\$ 21.216	\$ 21,216.00

OPTION PERIOD ONE BID SCHEDULE: INDEFINITE QUANTITY

ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
Fertilization (Per Para. 13.(24, 25, 26))					
002AP	Fertilize Lawns	25,000	SQ YDS	\$ 0.025	\$ 625.00
002AQ	RESERVED				
002AR	Fertilize Trees	200	EACH	\$ 7.849	\$ 1,569.80
002AS	Fertilize Shrubs	2,000	EACH	\$ 0.618	\$ 1,236.00
002AT	Fertilize Hedges	10,000	LF	\$ 0.220	\$ 2,200.00

002AU	Fertilize Ground Cover (Per Para. 13.(26))	600	SQ YDS	\$ 1.484	\$ 890.40
002AV	Veg. Herbicide Application (Per Para. 13.(27))	40,000	SQ YDS	\$ 0.029	\$ 1,160.00
002AX	Veg. Herbicide Application (Per Para. 13.(27))	130,000	LF	\$ 0.005	\$ 676.00
002AY	Broad Leaf Weed Control Application (Per Para. 13.(27)(E))	30,000	SQ YDS	\$ 0.022	\$ 660.00

Transplant Trees
(Per Para. 13.(28))

002AZ	Up to 2" Diameter	10	EACH	\$ 24.793	\$ 247.93
002BA	2 1/8" to 4" Diameter	10	EACH	\$ 39.399	\$ 393.99
002BB	4 1/8" to 6" Diameter	10	EACH	\$ 76.885	\$ 768.85

Transplant Shrubs
(Per Para. 13.(28))

002BC	1' - 3'	50	EACH	\$ 14.724	\$ 736.20
002BD	3' - 6'	25	EACH	\$ 28.887	\$ 722.18
002BE	Over 6'	25	EACH	\$ 50.874	\$ 1,271.85
002BF	Transplant Ground Cover (Per Para. 13.(28))	1,000	SF	\$ 0.750	\$ 750.00
002BG	Lawn Repair (Per Para. 13.(29))	20,000	SQ YDS	\$ 0.410	\$ 8,200.00
002BH	Under Brushing (Clear Cut) (Per Para. 13.(30))	10,000	SQ YDS	\$ 0.601	\$ 6,010.00

Tree Establishment
(Per Para. 13.(31))

002BI	Plant Tree (12' - 14' Ht.) (2 1/2" - 3" Dia.)	20	EACH	\$ 39.399	\$ 787.98
002BJ	Plant Tree (14'1" - 16'Ht.) (3" to 6" Dia.)	10	EACH	\$ 91.558	\$ 915.58

OPTION PERIOD ONE BID SCHEDULE: INDEFINITE QUANTITY

ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
Shrub Establishment (Per Para. 13.(31))					
002BK	Plant Deciduous Shrub (2 1/2' - 3' Ht.)	50	EACH	\$ 5.500	\$ 275.00
002BL	Plant Deciduous Shrub (3'1" - 4' Ht.)	25	EACH	\$ 14.179	\$ 354.48
002BM	Plant Evergreen Shrub (2 1/2" - 3' Ht.)	50	EACH	\$ 5.500	\$ 275.00
002BN	Plant Spreading Evergreen Shrub (1 1/2' - 2'Ht.)	25	EACH	\$ 5.500	\$ 137.50
002BO	Plant Broadleaf Evergreen Shrub (1 1/2' - 2 1/2' Ht.)	25	EACH	\$ 7.292	\$ 182.30
002BP	Plant Broadleaf Flowering Evergreen Shrub (1 1/2' - 2 1/2' Ht.)	25	EACH	\$ 8.102	\$ 202.55

002BQ-1	Pest Control Service Calls - Wood Infesting Insects (Per Para. 14.A.)	100	LABOR HOUR	\$ 98.900	\$ 9,890.00
002BQ-2	Pest Control Service Calls - other than Wood Infesting Insects (Per Para. 14.A.)	380	LABOR HOUR	\$ 39.120	\$ 14,865.60
002BR	Sandbagging (Per Para. 15.1)	600	LABOR HOUR	\$ 10.128	\$ 6,076.80
002BS	Barricades (Per Para. 15.2)	300	LABOR HOUR	\$ 10.128	\$ 3,038.40

Cleaning Services
(Per Para. 16)

002BT	Cleaning Ditches (Per Para. 16.(1))	5,000	LF	\$ 0.469	\$ 2,345.00
002BU	Cleaning Septic Tank (Per Para. 16.(3))	6	EACH	\$ 120.808	\$ 724.85
002BV	Cleaning Grease Trap (Per Para. 16.(4))	10	EACH	\$ 150.080	\$ 1,500.80
002BW	Cleaning Utility Tunnels (Per Para. 16.(5))	15,000	LF	\$ 0.762	\$ 11,430.00
002BX	Cleaning Catch Basins (Per Para. 16.(6))	500	EACH	\$ 5.957	\$ 2,978.50
002BY	Sweeping Pavement (Per Para. 16.(2))	2,000,000	SQ YDS	\$ 0.016	\$ 32,000.00
002BZ	Excavation - Utility System Repairs (Per Para. 17.1.a)	400	LABOR HOUR	\$ 15.080	\$ 6,032.00
002CA	Exploratory Excavation (Per Para. 17.1.b)	400	LABOR HOUR	\$ 15.080	\$ 6,032.00
002CB	Non-Burnable Refuse Removal (Per Para. 18)	280	CUBIC YARD	\$ 17.802	\$ 4,984.56
002CC	Misc. Labor (loaded rate) (Per Para. 19.A.(1))	1,000	LABOR HOUR	\$ 11.553	\$ 11,553.00
002CD	Material (not elsewhere specified) (Per Para. 19.A.(2))	\$15,000 + handling %	Cost + handling	8.5%	\$ 16,275.00

OPTION PERIOD TWO BID SCHEDULE: INDEFINITE QUANTITY					
ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
002	Indefinite Quantity Work: Price to perform indefinite quantity work in accordance with all the terms of this contract. The price contract line item 002 is the sum of subline 002A through 002 CD.				\$ 297,668.39
002A	Maint. Level I Mowing (Per Para. 13.(2))	400	ACRE	\$ 21.036	\$ 8,414.40
002B	Maint. Level II Mowing (Per Para. 13.(3))	400	ACRE	\$ 20.212	\$ 8,084.80
002C	Maint. Level III Mowing (Per Para. 13.(4))	200	ACRE	\$ 19.411	\$ 3,882.20
002D-1	Edging (Per Para. 9.1.B)	100,000	Linear Ft. (LF)	\$ 0.048	\$ 4,800.00
002D-2	Raking & Leaf Gathering (Per Para. 13. (5))	300	ACRE	\$ 38.670	\$ 11,601.00
Cultivation (Per Para. 13.(6))					
002E	Cultivate Plant Bed	1,200	SQ YDS	\$ 0.901	\$ 1,081.20
002F	Cultivate Shrubs	4,000	EACH	\$ 1.013	\$ 4,052.00
002G	Cultivate Hedges	20,000	LF	\$ 0.184	\$ 3,680.00
002H	Cultivate Ornamental Trees	400	EACH	\$ 2.026	\$ 810.40
Mulching (Per Para. 13(7))					
002I	Mulch Plant Bed	1,200	SQ YDS	\$ 1.065	\$ 1,278.00
002J	Mulch Shrubs	4,000	EACH	\$ 1.193	\$ 4,772.00
002K	Mulch Hedges	20,000	LF	\$ 0.286	\$ 5,720.00
002L	Mulch Ornamental Trees	400	EACH	\$ 2.267	\$ 906.80
002M	Ground Cover Maint. (Per Para 13.(8))	1,200	SQ YDS	\$ 0.667	\$ 800.40
002N	Prune Shrubs (Per Para. 13.(9))	2,000	EACH	\$ 3.362	\$ 6,724.00
002O	Prune Hedges (Per Para. 13.(9))	10,000	LF	\$ 0.310	\$ 3,100.00
Prune Trees (Per Para. 13.(10))					
002P	Shade Tree Pruning (1" - 6" Diameter)	200	EACH	\$ 17.842	\$ 3,568.40
002Q	Shade Tree Pruning (6" and above)	100	EACH	\$ 76.711	\$ 7,671.10
002R	Ornamental Tree Pruning (1" - 6" Dia.)	100	EACH	\$ 9.545	\$ 954.50

OPTION PERIOD TWO BID SCHEDULE: INDEFINITE QUANTITY					
ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
002S	Ornamental Tree Pruning (6" and above) - (13.(10))	100	EACH	\$ 26.434	\$ 2,643.40
Tree Removal (Per Para. 13.(11))					
002T	Up to 1" Diameter	10	EACH	\$ 19.477	\$ 194.77
002U	1 1/8" to 3" Diameter	10	EACH	\$ 38.690	\$ 386.90
002V	3 1/8" to 6" Diameter	15	EACH	\$ 67.440	\$ 1,011.60
002W	6 1/8" to 12" Diameter	10	EACH	\$ 83.145	\$ 831.45
002X	12" and above Diameter	10	EACH	\$ 250.676	\$ 2,506.76
002Y	Large Stump Removal (Over 6" Diameter) (Per Para. 13.(12)(i))	5	EACH	\$ 502.864	\$ 2,514.32
002Z	Small Stump Removal (6" or Less) (Per Para. 13.(12)(ii))	10	EACH	\$ 44.118	\$ 441.18
002AA	Limb Removal (Over 1" Diameter) (Per Para. 13.(13))	25	EACH	\$ 27.011	\$ 675.28
002AB	Shrub Removal (Per Para. 13.(14))	100	EACH	\$ 13.938	\$ 1,393.80
002AC	Ground Cover Removal (Per Para. 13.(15))	2,500	SF	\$ 0.032	\$ 80.00
002AD	Mulch Removal (Per Para. 13. (16))	2,500	SF	\$ 0.027	\$ 67.50
002AE	Superfluous Growth Removal (Per Para. 13.(17))	500	EACH	\$ 1.013	\$ 506.50
002AF	Soil Removal (Per Para. 13.(18))	250	CUBIC YARD	\$ 2.863	\$ 715.75
002AG	Light Veg. Removal (Per Para. 13.(19)A(1))	1,000	LF	\$ 0.170	\$ 170.00
		5,000	SQ YDS	\$ 0.337	\$ 1,685.00
002AH	Medium Veg. Removal (Per Para. 13.(19)A(2))	1,000	LF	\$ 0.283	\$ 283.00
		5,000	SQ YDS	\$ 0.571	\$ 2,855.00
002AI	Heavy Veg. Removal (Per Para. 13.(19)A(3))	1,000	LF	\$ 0.336	\$ 336.00
		5,000	SQ YDS	\$ 0.674	\$ 3,370.00
002AJ	Vegetation Trimming (Per Para. 13.(19)B)	40,000	SQ YDS	\$ 0.018	\$ 720.00
002AK	Vegetation Trimming (Per Para. 13.(19)B)	120,000	LF	\$ 0.012	\$ 1,440.00
002AL	Grassing (Per Para. 13.(20))	25,000	SF	\$ 0.037	\$ 925.00
002AM	Seeding (Per Para. 13.(23))	25,000	SQ YDS	\$ 0.050	\$ 1,250.00
002AN	Erosion Control (Per Para. 13.(21))	10,000	SF	\$ 0.508	\$ 5,080.00
002AO	Topsoil Placement (Per Para. 13.(22))	1,000	CUBIC YARD	\$ 21.816	\$ 21,816.00

OPTION PERIOD TWO BID SCHEDULE: INDEFINITE QUANTITY					
ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
Fertilization (Per Para. 13.(24, 25, 26))					
002AP	Fertilize Lawns	25,000	SQ YDS	\$ 0.026	\$ 650.00
002AQ	RESERVED				
002AR	Fertilize Trees	200	EACH	\$ 7.936	\$ 1,587.20
002AS	Fertilize Shrubs	2,000	EACH	\$ 0.622	\$ 1,244.00
002AT	Fertilize Hedges	10,000—	LF	\$ 0.221	\$ 2,210.00

002AU	Fertilize Ground Cover (Per Para. 13.(26))	600	SQ YDS	\$ 1.486	\$ 891.60
002AV	Veg. Herbicide Application (Per Para. 13.(27))	40,000	SQ YDS	\$ 0.029	\$ 1,160.00
002AX	Veg. Herbicide Application (Per Para. 13.(27))	130,000	LF	\$ 0.005	\$ 676.00
002AY	Broad Leaf Weed Control Application (Per Para. 13.(27)(E))	30,000	SQ YDS	\$ 0.022	\$ 660.00

Transplant Trees (Per Para. 13.(28))					
002AZ	Up to 2" Diameter	10	EACH	\$ 24.793	\$ 247.93
002BA	2 1/8" to 4" Diameter	10	EACH	\$ 39.399	\$ 393.99
002BB	4 1/8" to 6" Diameter	10	EACH	\$ 76.885	\$ 768.85

Transplant Shrubs (Per Para. 13.(28))					
002BC	1' - 3'	50	EACH	\$ 14.724	\$ 736.20
002BD	3' - 6'	25	EACH	\$ 28.887	\$ 722.18
002BE	Over 6'	25	EACH	\$ 50.874	\$ 1,271.85
002BF	Transplant Ground Cover (Per Para. 13.(28))	1,000	SF	\$ 0.750	\$ 750.00
002BG	Lawn Repair (Per Para. 13.(29))	20,000	SQ YDS	\$ 0.412	\$ 8,240.00
002BH	Under Brushing (Clear Cut) (Per Para. 13.(30))	10,000	SQ YDS	\$ 0.601	\$ 6,010.00

Tree Establishment (Per Para. 13.(31))					
002BI	Plant Tree (12' - 14' Ht.) (2 1/2" - 3" Dia.)	20	EACH	\$ 39.399	\$ 787.98
002BJ	Plant Tree (14'1" - 16'Ht.) (3" to 6" Dia.)	10	EACH	\$ 91.558	\$ 915.58

OPTION PERIOD TWO BID SCHEDULE: INDEFINITE QUANTITY

ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
Shrub Establishment (Per Para. 13.(31))					
002BK	Plant Deciduous Shrub (2 1/2' - 3' Ht.)	50	EACH	\$ 5.500	\$ 275.00
002BL	Plant Deciduous Shrub (3'1" - 4' Ht.)	25	EACH	\$ 14.179	\$ 354.48
002BM	Plant Evergreen Shrub (2 1/2" - 3' Ht.)	50	EACH	\$ 5.500	\$ 275.00
002BN	Plant Spreading Evergreen Shrub (1 1/2' - 2'Ht.)	25	EACH	\$ 5.500	\$ 137.50
002BO	Plant Broadleaf Evergreen Shrub (1 1/2' - 2 1/2' Ht.)	25	EACH	\$ 7.292	\$ 182.30
002BP	Plant Broadleaf Flowering Evergreen Shrub (1 1/2' - 2 1/2' Ht.)	25	EACH	\$ 8.102	\$ 202.55
002BQ-1	Pest Control Service Calls - Wood Infesting Insects (Per Para. 14.A.)	100	LABOR HOUR	\$ 101.410	\$ 10,141.00
002BQ-2	Pest Control Service Calls - other than Wood Infesting Insects (Per Para. 14.A.)	380	LABOR HOUR	\$ 40.290	\$ 15,310.20
002BR	Sandbagging (Per Para. 15.1)	600	LABOR HOUR	\$ 10.128	\$ 6,076.80
002BS	Barricades (Per Para. 15.2)	300	LABOR HOUR	\$ 10.128	\$ 3,038.40
Cleaning Services (Per Para. 16)					
002BT	Cleaning Ditches (Per Para. 16.(1))	5,000	LF	\$ 0.469	\$ 2,345.00
002BU	Cleaning Septic Tank (Per Para. 16.(3))	6	EACH	\$ 124.158	\$ 744.95
002BV	Cleaning Grease Trap (Per Para. 16.(4))	10	EACH	\$ 150.080	\$ 1,500.80
002BW	Cleaning Utility Tunnels (Per Para. 16.(5))	15,000	LF	\$ 0.762	\$ 11,430.00
002BX	Cleaning Catch Basins (Per Para. 16.(6))	500	EACH	\$ 5.957	\$ 2,978.50
002BY	Sweeping Pavement (Per Para. 16.(2))	2,000,000	SQ YDS	\$ 0.016	\$ 32,000.00
002BZ	Excavation - Utility System Repairs (Per Para. 17.1.a)	400	LABOR HOUR	\$ 15.080	\$ 6,032.00
002CA	Exploratory Excavation (Per Para. 17.1.b)	400	LABOR HOUR	\$ 15.080	\$ 6,032.00
002CB	Non-Burnable Refuse Removal (Per Para. 18)	280	CUBIC YARD	\$ 18.072	\$ 5,060.16
002CC	Misc. Labor (loaded rate) (Per Para. 19.A.(1))	1,000	LABOR HOUR	\$ 11.553	\$ 11,553.00
002CD	Material (not elsewhere specified) (Per Para. 19.A.(2))	\$15,000 + handling %	Cost + handling	8.5 %	\$ 16,275.00

OPTION PERIOD THREE BID SCHEDULE: INDEFINITE QUANTITY

ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
002	Indefinite Quantity Work: Price to perform indefinite quantity work in accordance with all the terms of this contract. The price contract line item 002 is the sum of subline 002A through 002 CD.				\$ 299,640.29
002A	Maint. Level I Mowing (Per Para. 13.(2))	400	ACRE	\$ 21.036	\$ 8,414.40
002B	Maint. Level II Mowing (Per Para. 13.(3))	400	ACRE	\$ 20.212	\$ 8,084.80
002C	Maint. Level III Mowing (Per Para. 13.(4))	200	ACRE	\$ 19.411	\$ 3,882.20
002D-1	Edging (Per Para. 9.1.B)	100,000	Linear Ft. (LF)	\$ 0.048	\$ 4,800.00
002D-2	Raking & Leaf Gathering (Per Para. 13. (5))	300	ACRE	\$ 38.670	\$ 11,601.00
Cultivation (Per Para. 13.(6))					
002E	Cultivate Plant Bed	1,200	SQ YDS	\$ 0.901	\$ 1,081.20
002F	Cultivate Shrubs	4,000	EACH	\$ 1.013	\$ 4,052.00
002G	Cultivate Hedges	20,000	LF	\$ 0.184	\$ 3,680.00
002H	Cultivate Ornamental Trees	400	EACH	\$ 2.026	\$ 810.40
Mulching (Per Para. 13(7))					
002I	Mulch Plant Bed	1,200	SQ YDS	\$ 1.065	\$ 1,278.00
002J	Mulch Shrubs	4,000	EACH	\$ 1.193	\$ 4,772.00
002K	Mulch Hedges	20,000	LF	\$ 0.286	\$ 5,720.00
002L	Mulch Ornamental Trees	400	EACH	\$ 2.267	\$ 906.80
002M	Ground Cover Maint. (Per Para 13.(8))	1,200	SQ YDS	\$ 0.682	\$ 818.40
002N	Prune Shrubs (Per Para. 13.(9))	2,000	EACH	\$ 3.433	\$ 6,866.00
002O	Prune Hedges (Per Para. 13.(9))	10,000	LF	\$ 0.317	\$ 3,170.00
Prune Trees (Per Para. 13.(10))					
002P	Shade Tree Pruning (1" - 6" Diameter)	200	EACH	\$ 17.842	\$ 3,568.40
002Q	Shade Tree Pruning (6" and above)	100	EACH	\$ 76.711	\$ 7,671.10
002R	Ornamental Tree Pruning (1" - 6" Dia.)	100	EACH	\$ 9.545	\$ 954.50

OPTION PERIOD THREE BID SCHEDULE: INDEFINITE QUANTITY					
ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
002S	Ornamental Tree Pruning (6" and above) - (13.(10))	100	EACH	\$ 26.434	\$ 2,643.40
Tree Removal (Per Para. 13.(11))					
002T	Up to 1" Diameter	10	EACH	\$ 19.477	\$ 194.77
002U	1 1/8" to 3" Diameter	10	EACH	\$ 38.690	\$ 386.90
002V	3 1/8" to 6" Diameter	15	EACH	\$ 67.440	\$ 1,011.60
002W	6 1/8" to 12" Diameter	10	EACH	\$ 83.145	\$ 831.45
002X	12" and above Diameter	10	EACH	\$ 250.676	\$ 2,506.76
002Y	Large Stump Removal (Over 6" Diameter) (Per Para. 13.(12)(i))	5	EACH	\$ 514.704	\$ 2,573.52
002Z	Small Stump Removal (6" or Less) (Per Para. 13.(12)(ii))	10	EACH	\$ 44.118	\$ 441.18
002AA	Limb Removal (Over 1" Diameter) (Per Para. 13.(13))	25	EACH	\$ 27.011	\$ 675.28
002AB	Shrub Removal (Per Para. 13.(14))	100	EACH	\$ 13.938	\$ 1,393.80
002AC	Ground Cover Removal (Per Para. 13.(15))	2,500	SF	\$ 0.032	\$ 80.00
002AD	Mulch Removal (Per Para. 13. (16))	2,500	SF	\$ 0.027	\$ 67.50
002AE	Superfluous Growth Removal (Per Para. 13.(17))	500	EACH	\$ 1.013	\$ 506.50
002AF	Soil Removal (Per Para. 13.(18))	250	CUBIC YARD	\$ 2.863	\$ 715.75
002AG	Light Veg. Removal (Per Para. 13.(19)A(1))	1,000	LF	\$ 0.170	\$ 170.00
		5,000	SQ YDS	\$ 0.337	\$ 1,685.00
002AH	Medium Veg. Removal (Per Para. 13.(19)A(2))	1,000	LF	\$ 0.283	\$ 283.00
		5,000	SQ YDS	\$ 0.571	\$ 2,855.00
002AI	Heavy Veg. Removal (Per Para. 13.(19)A(3))	1,000	LF	\$ 0.336	\$ 336.00
		5,000	SQ YDS	\$ 0.674	\$ 3,370.00
002AJ	Vegetation Trimming (Per Para. 13.(19)B)	40,000	SQ YDS	\$ 0.018	\$ 720.00
002AK	Vegetation Trimming (Per Para. 13.(19)B)	120,000	LF	\$ 0.012	\$ 1,440.00
002AL	Grassing (Per Para. 13.(20))	25,000	SF	\$ 0.037	\$ 925.00
002AM	Seeding (Per Para. 13.(23))	25,000	SQ YDS	\$ 0.052	\$ 1,300.00
002AN	Erosion Control (Per Para. 13.(21))	10,000	SF	\$ 0.508	\$ 5,080.00
002AO	Topsoil Placement (Per Para. 13.(22))	1,000	CUBIC YARD	\$ 22.426	\$ 22,426.00

OPTION PERIOD THREE BID SCHEDULE: INDEFINITE QUANTITY					
ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
Fertilization (Per Para. 13.(24, 25, 26))					
002AP	Fertilize Lawns	25,000	SQ YDS	\$ 0.026	\$ 650.00
002AQ	RESERVED				
002AR	Fertilize Trees	200	EACH	\$ 8.024	\$ 1,604.80
002AS	Fertilize Shrubs	2,000	EACH	\$ 0.625	\$ 1,250.00
002AT	Fertilize Hedges	10,000	LF	\$ 0.222	\$ 2,220.00

002AU	Fertilize Ground Cover (Per Para. 13.(26))	600	SQ YDS	\$ 1.488	\$ 892.80
002AV	Veg. Herbicide Application (Per Para. 13.(27))	40,000	SQ YDS	\$ 0.029	\$ 1,160.00
002AX	Veg. Herbicide Application (Per Para. 13.(27))	130,000	LF	\$ 0.005	\$ 676.00
002AY	Broad Leaf Weed Control Application (Per Para. 13.(27)(E))	30,000	SQ YDS	\$ 0.023	\$ 690.00

Transplant Trees (Per Para. 13.(28))					
002AZ	Up to 2" Diameter	10	EACH	\$ 24.793	\$ 247.93
002BA	2 1/8" to 4" Diameter	10	EACH	\$ 39.399	\$ 393.99
002BB	4 1/8" to 6" Diameter	10	EACH	\$ 76.885	\$ 768.85

Transplant Shrubs (Per Para. 13.(28))					
002BC	1' - 3'	50	EACH	\$ 14.724	\$ 736.20
002BD	3' - 6'	25	EACH	\$ 28.887	\$ 722.18
002BE	Over 6'	25	EACH	\$ 50.874	\$ 1,271.85
002BF	Transplant Ground Cover (Per Para. 13.(28))	1,000	SF	\$ 0.750	\$ 750.00
002BG	Lawn Repair (Per Para. 13.(29))	20,000	SQ YDS	\$ 0.414	\$ 8,280.00
002BH	Under Brushing (Clear Cut) (Per Para. 13.(30))	10,000	SQ YDS	\$ 0.601	\$ 6,010.00

Tree Establishment (Per Para. 13.(31))					
002BI	Plant Tree (12' - 14' Ht.) (2 1/2" - 3" Dia.)	20	EACH	\$ 39.399	\$ 787.98
002BJ	Plant Tree (14'1" - 16'Ht.) (3" to 6" Dia.)	10	EACH	\$ 91.558	\$ 915.58

OPTION PERIOD THREE BID SCHEDULE: INDEFINITE QUANTITY					
ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
Shrub Establishment (Per Para. 13.(31))					
002BK	Plant Deciduous Shrub (2 1/2' - 3' Ht.)	50	EACH	\$ 5.500	\$ 275.00
002BL	Plant Deciduous Shrub (3'1" - 4' Ht.)	25	EACH	\$ 14.179	\$ 354.48
002BM	Plant Evergreen Shrub (2 1/2' - 3' Ht.)	50	EACH	\$ 5.500	\$ 275.00
002BN	Plant Spreading Evergreen Shrub (1 1/2' - 2'Ht.)	25	EACH	\$ 5.500	\$ 137.50
002BO	Plant Broadleaf Evergreen Shrub (1 1/2' - 2 1/2' Ht.)	25	EACH	\$ 7.292	\$ 182.30
002BP	Plant Broadleaf Flowering Evergreen Shrub (1 1/2' - 2 1/2' Ht.)	25	EACH	\$ 8.102	\$ 202.55
Cleaning Services (Per Para. 16)					
002BQ-1	Pest Control Service Calls - Wood Infesting Insects (Per Para. 14.A.)	100	LABOR HOUR	\$ 104.000	\$ 10,400.00
002BQ-2	Pest Control Service Calls - other than Wood Infesting Insects (Per Para. 14.A.)	380	LABOR HOUR	\$ 41.500	\$ 15,770.00
002BR	Sandbagging (Per Para. 15.1)	600	LABOR HOUR	\$ 10.128	\$ 6,076.80
002BS	Barricades (Per Para. 15.2)	300	LABOR HOUR	\$ 10.128	\$ 3,038.40
002BT	Cleaning Ditches (Per Para. 16.(1))	5,000	LF	\$ 0.469	\$ 2,345.00
002BU	Cleaning Septic Tank (Per Para. 16.(3))	6	EACH	\$ 127.608	\$ 765.65
002BV	Cleaning Grease Trap (Per Para. 16.(4))	10	EACH	\$ 160.080	\$ 1,600.80
002BW	Cleaning Utility Tunnels (Per Para. 16.(5))	15,000	LF	\$ 0.762	\$ 11,430.00
002BX	Cleaning Catch Basins (Per Para. 16.(6))	500	EACH	\$ 5.957	\$ 2,978.50
002BY	Sweeping Pavement (Per Para. 16.(2))	2,000,000	SQ YDS	\$ 0.016	\$ 32,000.00
002BZ	Excavation - Utility System Repairs (Per Para. 17.1.a)	400	LABOR HOUR	\$ 15.080	\$ 6,032.00
002CA	Exploratory Excavation (Per Para. 17.1.b)	400	LABOR HOUR	\$ 15.080	\$ 6,032.00
002CB	Non-Burnable Refuse Removal (Per Para. 18)	280	CUBIC YARD	\$ 18.352	\$ 5,138.56
002CC	Misc. Labor (loaded rate) (Per Para. 19.A.(1))	1,000	LABOR HOUR	\$ 11.553	\$ 11,553.00
002CD	Material (not elsewhere specified) (Per Para. 19.A.(2))	\$15,000 + handling %	Cost + handling	8.5%	\$ 16,275.00

OPTION PERIOD FOUR BID SCHEDULE: INDEFINITE QUANTITY					
ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
002	Indefinite Quantity Work: Price to perform indefinite quantity work in accordance with all the terms of this contract. The price contract line item 002 is the sum of subline 002A through 002 CD.				\$ 301,416.85
002A	Maint. Level I Mowing (Per Para. 13.(2))	400	ACRE	\$ 21.036	\$ 8,414.40
002B	Maint. Level II Mowing (Per Para. 13.(3))	400	ACRE	\$ 20.212	\$ 8,084.80
002C	Maint. Level III Mowing (Per Para. 13.(4))	200	ACRE	\$ 19.411	\$ 3,882.20
002D-1	Edging (Per Para. 9.1.B)	100,000	Linear Ft. (LF)	\$ 0.048	\$ 4,800.00
002D-2	Raking & Leaf Gathering (Per Para. 13. (5))	300	ACRE	\$ 38.670	\$ 11,601.00
Cultivation (Per Para. 13.(6))					
002E	Cultivate Plant Bed	1,200	SQ YDS	\$ 0.901	\$ 1,081.20
002F	Cultivate Shrubs	4,000	EACH	\$ 1.013	\$ 4,052.00
002G	Cultivate Hedges	20,000	LF	\$ 0.184	\$ 3,680.00
002H	Cultivate Ornamental Trees	400	EACH	\$ 2.026	\$ 810.40
Mulching (Per Para. 13(7))					
002I	Mulch Plant Bed	1,200	SQ YDS	\$ 1.065	\$ 1,278.00
002J	Mulch Shrubs	4,000	EACH	\$ 1.193	\$ 4,772.00
002K	Mulch Hedges	20,000	LF	\$ 0.286	\$ 5,720.00
002L	Mulch Ornamental Trees	400	EACH	\$ 2.267	\$ 906.80
002M	Ground Cover Maint. (Per Para 13.(8))	1,200	SQ YDS	\$ 0.689	\$ 826.80
002N	Prune Shrubs (Per Para. 13.(9))	2,000	EACH	\$ 3.467	\$ 6,934.00
002O	Prune Hedges (Per Para. 13.(9))	10,000	LF	\$ 0.320	\$ 3,200.00
Prune Trees (Per Para. 13.(10))					
002P	Shade Tree Pruning (1" - 6" Diameter)	200	EACH	\$ 17.842	\$ 3,568.40
002Q	Shade Tree Pruning (6" and above)	100	EACH	\$ 76.711	\$ 7,671.10
002R	Ornamental Tree Pruning (1" - 6" Dia.)	100	EACH	\$ 9.545	\$ 954.50

OPTION PERIOD FOUR BID SCHEDULE: INDEFINITE QUANTITY					
ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
002S	Ornamental Tree Pruning (6" and above) - (13.(10))	100	EACH	\$ 26.434	\$ 2,643.40
Tree Removal (Per Para. 13.(11))					
002T	Up to 1" Diameter	10	EACH	\$ 19.477	\$ 194.77
002U	1 1/8" to 3" Diameter	10	EACH	\$ 38.690	\$ 386.90
002V	3 1/8" to 6" Diameter	15	EACH	\$ 67.440	\$ 1,011.60
002W	6 1/8" to 12" Diameter	10	EACH	\$ 83.145	\$ 831.45
002X	12" and above Diameter	10	EACH	\$ 250.676	\$ 2,506.76
002Y	Large Stump Removal (Over 6" Diameter) (Per Para. 13.(12)(i))	5	EACH	\$ 526.904	\$ 2,634.52
002Z	Small Stump Removal (6" or Less) (Per Para. 13.(12)(ii))	10	EACH	\$ 44.118	\$ 441.18
002AA	Limb Removal (Over 1" Diameter) (Per Para. 13.(13))	25	EACH	\$ 27.011	\$ 675.28
002AB	Shrub Removal (Per Para. 13.(14))	100	EACH	\$ 13.938	\$ 1,393.80
002AC	Ground Cover Removal (Per Para. 13.(15))	2,500	SF	\$ 0.032	\$ 80.00
002AD	Mulch Removal (Per Para. 13.(16))	2,500	SF	\$ 0.027	\$ 67.50
002AE	Superfluous Growth Removal (Per Para. 13.(17))	500	EACH	\$ 1.013	\$ 506.50
002AF	Soil Removal (Per Para. 13.(18))	250	CUBIC YARD	\$ 2.863	\$ 715.75
002AG	Light Veg. Removal (Per Para. 13.(19)A(1))	1,000	LF	\$ 0.170	\$ 170.00
		5,000	SQ YDS	\$ 0.337	\$ 1,685.00
002AH	Medium Veg. Removal (Per Para. 13.(19)A(2))	1,000	LF	\$ 0.283	\$ 283.00
		5,000	SQ YDS	\$ 0.571	\$ 2,855.00
002AI	Heavy Veg. Removal (Per Para. 13.(19)A(3))	1,000	LF	\$ 0.336	\$ 336.00
		5,000	SQ YDS	\$ 0.674	\$ 3,370.00
002AJ	Vegetation Trimming (Per Para. 13.(19)B)	40,000	SQ YDS	\$ 0.018	\$ 720.00
002AK	Vegetation Trimming (Per Para. 13.(19)B)	120,000	LF	\$ 0.012	\$ 1,440.00
002AL	Grassing (Per Para. 13.(20))	25,000	SF	\$ 0.037	\$ 925.00
002AM	Seeding (Per Para. 13.(23))	25,000	SQ YDS	\$ 0.053	\$ 1,325.00
002AN	Erosion Control (Per Para. 13.(21))	10,000	SF	\$ 0.509	\$ 5,090.00
002AO	Topsoil Placement (Per Para. 13.(22))	1,000	CUBIC YARD	\$ 23.056	\$ 23,056.00

OPTION PERIOD FOUR BID SCHEDULE: INDEFINITE QUANTITY

ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
Fertilization (Per Para. 13.(24, 25, 26))					
002AP	Fertilize Lawns	25,000	SQ YDS	\$ 0.027	\$ 675.00
002AQ	RESERVED				
002AR	Fertilize Trees	200	EACH	\$ 8.115	\$ 1,623.00
002AS	Fertilize Shrubs	2,000	EACH	\$ 0.629	\$ 1,258.00
002AT	Fertilize Hedges	10,000	LF	\$ 0.223	\$ 2,230.00

002AU	Fertilize Ground Cover (Per Para. 13.(26))	600	SQ YDS	\$ 1.490	\$ 894.00
002AV	Veg. Herbicide Application (Per Para. 13.(27))	40,000	SQ YDS	\$ 0.029	\$ 1,160.00
002AX	Veg. Herbicide Application (Per Para. 13.(27))	130,000	LF	\$ 0.005	\$ 676.00
002AY	Broad Leaf Weed Control Application (Per Para. 13.(27)(E))	30,000	SQ YDS	\$ 0.023	\$ 690.00

Transplant Trees
(Per Para. 13.(28))

002AZ	Up to 2" Diameter	10	EACH	\$ 24.793	\$ 247.93
002BA	2 1/8" to 4" Diameter	10	EACH	\$ 39.399	\$ 393.99
002BB	4 1/8" to 6" Diameter	10	EACH	\$ 76.885	\$ 768.85

Transplant Shrubs
(Per Para. 13.(28))

002BC	1' - 3'	50	EACH	\$ 14.724	\$ 736.20
002BD	3' - 6'	25	EACH	\$ 28.887	\$ 722.18
002BE	Over 6'	25	EACH	\$ 50.874	\$ 1,271.85
002BF	Transplant Ground Cover (Per Para. 13.(28))	1,000	SF	\$ 0.750	\$ 750.00
002BG	Lawn Repair (Per Para. 13.(29))	20,000	SQ YDS	\$ 0.416	\$ 8,320.00
002BH	Under Brushing (Clear Cut) (Per Para. 13.(30))	10,000	SQ YDS	\$ 0.601	\$ 6,010.00

Tree Establishment
(Per Para. 13.(31))

002BI	Plant Tree (12' - 14' Ht.) (2 1/2" - 3" Dia.)	20	EACH	\$ 39.399	\$ 787.98
002BJ	Plant Tree (14'1" - 16'Ht.) (3" to 6" Dia.)	10	EACH	\$ 91.558	\$ 915.58

OPTION PERIOD FOUR BID SCHEDULE: INDEFINITE QUANTITY

ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
Shrub Establishment (Per Para. 13.(31))					
002BK	Plant Deciduous Shrub (2 1/2' - 3' Ht.)	50	EACH	\$ 5.500	\$ 275.00
002BL	Plant Deciduous Shrub (3'1" - 4' Ht.)	25	EACH	\$ 14.179	\$ 354.48
002BM	Plant Evergreen Shrub (2 1/2" - 3' Ht.)	50	EACH	\$ 5.500	\$ 275.00
002BN	Plant Spreading Evergreen Shrub (1 1/2' - 2'Ht.)	25	EACH	\$ 5.500	\$ 137.50
002BO	Plant Broadleaf Evergreen Shrub (1 1/2' - 2 1/2' Ht.)	25	EACH	\$ 7.292	\$ 182.30
002BP	Plant Broadleaf Flowering Evergreen Shrub (1 1/2' - 2 1/2' Ht.)	25	EACH	\$ 8.102	\$ 202.55
002BQ-1	Pest Control Service Calls - Wood Infesting Insects (Per Para. 14.A.)	100	LABOR HOUR	\$ 106.670	\$ 10,667.00
002BQ-2	Pest Control Service Calls - other than Wood Infesting Insects (Per Para. 14.A.)	380	LABOR HOUR	\$ 42.750	\$ 16,245.00
002BR	Sandbagging (Per Para. 15.1)	600	LABOR HOUR	\$ 10.128	\$ 6,076.80
002BS	Barricades (Per Para. 15.2)	300	LABOR HOUR	\$ 10.128	\$ 3,038.40
Cleaning Services (Per Para. 16)					
002BT	Cleaning Ditches (Per Para. 16.(1))	5,000	LF	\$ 0.469	\$ 2,345.00
002BU	Cleaning Septic Tank (Per Para. 16.(3))	6	EACH	\$ 131.168	\$ 787.01
002BV	Cleaning Grease Trap (Per Para. 16.(4))	10	EACH	\$ 160.080	\$ 1,600.80
002BW	Cleaning Utility Tunnels (Per Para. 16.(5))	15,000	LF	\$ 0.762	\$ 11,430.00
002BX	Cleaning Catch Basins (Per Para. 16.(6))	500	EACH	\$ 5.957	\$ 2,978.50
002BY	Sweeping Pavement (Per Para. 16.(2))	2,000,000	SQ YDS	\$ 0.016	\$ 32,000.00
002BZ	Excavation - Utility System Repairs (Per Para. 17.1.a)	400	LABOR HOUR	\$ 15.080	\$ 6,032.00
002CA	Exploratory Excavation (Per Para. 17.1.b)	400	LABOR HOUR	\$ 15.080	\$ 6,032.00
002CB	Non-Burnable Refuse Removal (Per Para. 18)	280	CUBIC YARD	\$ 18.632	\$ 5,216.96
002CC	Misc. Labor (loaded rate) (Per Para. 19.A.(1))	1,000	LABOR HOUR	\$ 11.553	\$ 11,553.00
002CD	Material (not elsewhere specified) (Per Para. 19.A.(2))	\$15,000 + handling %	Cost + handling	8.5%	\$ 16,275.00

2. Schedule of Deductions

BASE PERIOD DEDUCTION SCHEDULE: FFP WORK					
ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
001	Firm fixed price work: The price of contract line item 001 is the sum of 001A through 001N.				\$ 365,085.25
001A	Maint. Level I Mowing (Per Para. 9.1.A.)	4,903.92	ACRE	\$ 35.9959	\$ 176,521.01
001B	Maint. Level II Mowing (Per Para. 9.2.a)	577.92	ACRE	\$ 34.2395	\$ 19,787.69
001C	Maint. Level III Mowing (Per Para. 9.3)	876.33	ACRE	\$ 32.7894	\$ 28,734.33
001D	Edging (Per Para. 9.1.B)	600,000	LF	\$ 0.0662	\$ 39,720.00
001E	Cultivate Plant Bed (Per Para. 9.1.C)	9,600	SQ YDS	\$ 1.5461	\$ 14,842.56
001F	Mulch Plant Bed (Per Para. 9.1.D.)	4,800	SQ YDS	\$ 1.2113	\$ 5,814.24
001G	Hedge Pruning (Per Para 9.1.E)	20,000	LF	\$ 0.3339	\$ 6,678.00
001H	Shrub/Plant Pruning (Per Para. 9.1.E)	2,000	EACH	\$ 3.6174	\$ 7,234.80
001I	Ground Cover Maintenance (Per Para. 9.1.F)	2,400	SQ YDS	\$ 0.7276	\$ 1,746.24
001J	Burnable Refuse (Per Para. 10.A)	14,000	PICK-UP SITE	\$ 2.8091	\$ 39,327.40
001K	Boxed Trash & Privacy Act Material (Per Para. 10.B)	26,000	BOX	\$ 0.2999	\$ 7,797.40
001L	Trash & Litter Collection & Disposal (Per Para. 10.C)	16,346.00	ACRE	\$ 0.4443	\$ 7,262.53
001M	Pest Control (P.M.) (Per Para. 11.a.b.)	26	APP	\$ 213.3356	\$ 5,546.73
001N	Clean Grease Traps (Per Para. 10.1.A)	24	EACH	\$ 169.6800	\$ 4,072.32

2. Schedule of Deductions

OPTION PERIOD ONE DEDUCTION SCHEDULE: FFP WORK					
ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
001	Firm fixed price work: The price of contract line item 001 is the sum of 001A through 001N.				\$ 376,942.59
001A	Maint. Level I Mowing (Per Para. 9.1.A.)	4,903.92	ACRE	\$ 37.8197	\$ 185,464.78
001B	Maint. Level II Mowing (Per Para. 9.2.a)	577.92	ACRE	\$ 36.8218	\$ 21,280.05
001C	Maint. Level III Mowing (Per Para. 9.3)	876.33	ACRE	\$ 33.0454	\$ 28,958.68
001D	Edging (Per Para. 9.1.B)	600,000	LF	\$ 0.0668	\$ 40,080.00
001E	Cultivate Plant Bed (Per Para. 9.1.C)	9,600	SQ YDS	\$ 1.5592	\$ 14,968.32
001F	Mulch Plant Bed (Per Para. 9.1.D.)	4,800	SQ YDS	\$ 1.2208	\$ 5,859.84
001G	Hedge Pruning (Per Para 9.1.E)	20,000	LF	\$ 0.3367	\$ 6,734.00
001H	Shrub/Plant Pruning (Per Para. 9.1.E)	2,000	EACH	\$ 3.6470	\$ 7,294.00
001I	Ground Cover Maintenance (Per Para. 9.1.F)	2,400	SQ YDS	\$ 0.7337	\$ 1,760.88
001J	Burnable Refuse (Per Para. 10.A)	14,000	PICK-UP SITE	\$ 2.8320	\$ 39,648.00
001K	Boxed Trash & Privacy Act Material (Per Para. 10.B)	26,000	BOX	\$ 0.3023	\$ 7,859.80
001L	Trash & Litter Collection & Disposal (Per Para. 10.C)	16,346.00	ACRE	\$ 0.4479	\$ 7,321.37
001M	Pest Control (P.M.) (Per Para. 11.a.b.)	26	APP	\$ 216.8019	\$ 5,636.85
001N	Clean Grease Traps (Per Para. 10.1.A)	24	EACH	\$ 169.8340	\$ 4,076.02

2. Schedule of Deductions

OPTION PERIOD TWO DEDUCTION SCHEDULE: FFP WORK					
ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
001	Firm fixed price work: The price of contract line item 001 is the sum of 001A through 001N.				\$ 382,712.67
001A	Maint. Level I Mowing (Per Para. 9.1.A.)	4,903.92	ACRE	\$ 38.3833	\$ 188,228.63
001B	Maint. Level II Mowing (Per Para. 9.2.a)	577.92	ACRE	\$ 37.3672	\$ 21,595.25
001C	Maint. Level III Mowing (Per Para. 9.3)	876.33	ACRE	\$ 33.5249	\$ 29,378.88
001D	Edging (Per Para. 9.1.B)	600,000	LF	\$ 0.0677	\$ 40,620.00
001E	Cultivate Plant Bed (Per Para. 9.1.C)	9,600	SQ YDS	\$ 1.5837	\$ 15,203.52
001F	Mulch Plant Bed (Per Para. 9.1.D.)	4,800	SQ YDS	\$ 1.2386	\$ 5,945.28
001G	Hedge Pruning (Per Para 9.1.E)	20,000	LF	\$ 0.3419	\$ 6,838.00
001H	Shrub/Plant Pruning (Per Para. 9.1.E)	2,000	EACH	\$ 3.7024	\$ 7,404.80
001I	Ground Cover Maintenance (Per Para. 9.1.F)	2,400	SQ YDS	\$ 0.7453	\$ 1,788.72
001J	Burnable Refuse (Per Para. 10.A)	14,000	PICK-UP SITE	\$ 2.8749	\$ 40,248.60
001K	Boxed Trash & Privacy Act Material (Per Para. 10.B)	26,000	BOX	\$ 0.3069	\$ 7,979.40
001L	Trash & Litter Collection & Disposal (Per Para. 10.C)	16,346.00	ACRE	\$ 0.4547	\$ 7,432.53
001M	Pest Control (P.M.) (Per Para. 11.a.b.)	26	APP	\$ 229.4663	\$ 5,966.12
001N	Clean Grease Traps (Per Para. 10.1.A)	24	EACH	\$ 170.1226	\$ 4,082.94

2. Schedule of Deductions

OPTION PERIOD THREE DEDUCTION SCHEDULE: FFP WORK					
ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
001	Firm fixed price work: The price of contract line item 001 is the sum of 001A through 001N.				\$ 390,681.55
001A	Maint. Level I Mowing (Per Para. 9.1.A.)	4,903.92	ACRE	\$ 39.1587	\$ 192,031.13
001B	Maint. Level II Mowing (Per Para. 9.2.a)	577.92	ACRE	\$ 38.1175	\$ 22,028.87
001C	Maint. Level III Mowing (Per Para. 9.3)	876.33	ACRE	\$ 34.1847	\$ 29,957.08
001D	Edging (Per Para. 9.1.B)	600,000	LF	\$ 0.0691	\$ 41,460.00
001E	Cultivate Plant Bed (Per Para. 9.1.C)	9,600	SQ YDS	\$ 1.6174	\$ 15,527.04
001F	Mulch Plant Bed (Per Para. 9.1.D.)	4,800	SQ YDS	\$ 1.2631	\$ 6,062.88
001G	Hedge Pruning (Per Para 9.1.E)	20,000	LF	\$ 0.3490	\$ 6,980.00
001H	Shrub/Plant Pruning (Per Para. 9.1.E)	2,000	EACH	\$ 3.7787	\$ 7,557.40
001I	Ground Cover Maintenance (Per Para. 9.1.F)	2,400	SQ YDS	\$ 0.7611	\$ 1,826.64
001J	Burnable Refuse (Per Para. 10.A)	14,000	PICK-UP SITE	\$ 2.9339	\$ 41,074.60
001K	Boxed Trash & Privacy Act Material (Per Para. 10.B)	26,000	BOX	\$ 0.3133	\$ 8,145.80
001L	Trash & Litter Collection & Disposal (Per Para. 10.C)	16,346.00	ACRE	\$ 0.4640	\$ 7,584.54
001M	Pest Control (P.M.) (Per Para. 11.a.b.)	26	APP	\$ 234.3347	\$ 6,092.70
001N	Clean Grease Traps (Per Para. 10.1.A)	24	EACH	\$ 181.3697	\$ 4,352.87

2. Schedule of Deductions

OPTION PERIOD FOUR DEDUCTION SCHEDULE: FFP WORK					
ITEM NO.	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
001	Firm fixed price work: The price of contract line item 001 is the sum of 001A through 001N.				\$ 394,055.19
001A	Maint. Level I Mowing (Per Para. 9.1.A.)	4,903.92	ACRE	\$ 39.4999	\$ 193,704.35
001B	Maint. Level II Mowing (Per Para. 9.2.a)	577.92	ACRE	\$ 38.4476	\$ 22,219.64
001C	Maint. Level III Mowing (Per Para. 9.3)	876.33	ACRE	\$ 34.4749	\$ 30,211.39
001D	Edging (Per Para. 9.1.B)	600,000	LF	\$ 0.0696	\$ 41,760.00
001E	Cultivate Plant Bed (Per Para. 9.1.C)	9,600	SQ YDS	\$ 1.6323	\$ 15,670.08
001F	Mulch Plant Bed (Per Para. 9.1.D.)	4,800	SQ YDS	\$ 1.2739	\$ 6,114.72
001G	Hedge Pruning (Per Para 9.1.E)	20,000	LF	\$ 0.3522	\$ 7,044.00
001H	Shrub/Plant Pruning (Per Para. 9.1.E)	2,000	EACH	\$ 3.8122	\$ 7,624.40
001I	Ground Cover Maintenance (Per Para. 9.1.F)	2,400	SQ YDS	\$ 0.7681	\$ 1,843.44
001J	Burnable Refuse (Per Para. 10.A)	14,000	PICK-UP SITE	\$ 2.9598	\$ 41,437.20
001K	Boxed Trash & Privacy Act Material (Per Para. 10.B)	26,000	BOX	\$ 0.3161	\$ 8,218.60
001L	Trash & Litter Collection & Disposal (Per Para. 10.C)	16,346.00	ACRE	\$ 0.4681	\$ 7,651.56
001M	Pest Control (P.M.) (Per Para. 11.a.b.)	26	APP	\$ 238.4135	\$ 6,198.75
001N	Clean Grease Traps (Per Para. 10.1.A)	24	EACH	\$ 181.5444	\$ 4,357.07

3. CONSEQUENCES OF CONTRACTOR'S FAILURE TO PERFORM REQUIRED SERVICES

A. The Contractor will be held to the full performance of this contract. The Government will deduct from the Contractor's invoice or otherwise withhold payment for any items of non-conforming services as specified below.

(1) The Government may apply an inspection technique which covers all or part of the work to assess the Contractor's performance or determine the amount of payment due or both. The defect rate for the purpose of assessing the Contractor's performance will be the sum of all defects observed during the course of the work expressed as a percentage of the total population of work items on a monthly basis. The defect rate will not be extrapolated to the total population of work items to determine payment due. However, if the defect rate exceeds the Maximum Allowable Defect Rate in the Performance Requirements Summary (Exhibit B), the Contractor's quality control will be considered unsatisfactory. Failure to maintain adequate quality control can result in termination for default.

(2) A contract requirement may be composed of several subtasks called work requirements. A contract requirement may be determined to be partially complete if the contractor satisfactorily completes some, but not all, of the work requirements. In those cases, deductions may be taken from the Contractor's invoice. The Government reserves all rights for partially completed work as set forth below:

B. The Government will provide the Contractor with written notice of deficiencies prior to deducting for unperformed or unsatisfactory work.

(1) In the case of unperformed work, the Government:

(a) Shall deduct from the Contractor's invoice the amount(s) set forth in the Schedule of Deductions and/or the Bid Schedule for that work, unless the Contractor is permitted or required to perform pursuant to (b) below AND satisfactorily completes the work. If the Contractor is not permitted or required to perform pursuant to (b) below, the Government reserves the right to either perform the work with civil service personnel or acquire the services from some other source;

(b) May, at its option, afford the Contractor an opportunity to perform the unperformed work within a time period to be identified by the Contracting Officer.

(2) In the case of unsatisfactory work, the Government:

(a) Shall deduct from the Contractor's invoice the amount(s) set forth in the Schedule of Deductions and/or the Bid Schedule for that work, unless the Contractor is permitted or required to reperform the work pursuant to (b) below AND satisfactorily completes the work. If the Contractor is not permitted or required to reperform pursuant to (b) below, the Government reserves the right to either perform the work with civil service personnel or acquire the services from some other source;

(b) May, at its option, afford the Contractor an opportunity to reperform the unsatisfactorily performed work within a time period to be identified by the Contracting Officer.

C. The Government's exercise of its rights under this clause shall not preclude the associated occurrences of unperformed work or unsatisfactory work, regardless of whether deductions were taken, from being grounds for termination for default in accordance with the clause 52.249-8, Default (Fixed Price Supply and Service) (APR 1984).

4. LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (1852.232-77) (MAR 1989)

(a) Of the total price of Contract Line Item No.1, the sum of \$ 171,600 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to the contract in accordance with the following schedule until the total price of said item is allotted:

SCHEDULE FOR ALLOTMENT OF FUNDS

<u>Date</u>	<u>Amounts</u>
10/1/97	\$ 193,485.25

(b) The Contractor agrees to perform or have performed work on the items specified in paragraph (a) above up to the point at which, if this contract is terminated pursuant to the Termination for Convenience of the Government clause of this contract, the total amount payable by the Government (including amounts payable for subcontracts and settlement costs) pursuant to paragraphs (f) and (g) of that clause would, in the exercise of reasonable judgment by the Contractor, approximate the total amount at the time allotted to the contract. The Contractor is not obligated to continue performance of the work beyond that point. The Government is not obligated in any event to pay or reimburse the Contractor more than the amount from time to time allotted to the contract, anything to the contrary in the Termination for Convenience of the Government clause notwithstanding.

(c) (1) It is contemplated that funds presently allotted to this contract will cover the work to be performed until September 30, 1997.

(2) If funds allotted are considered by the Contractor to be inadequate to cover the work to be performed until that date, or an agreed date substituted for it, the Contractor shall notify the Contracting Officer in writing when within the next 60 days the work will reach a point at which, if the contract is terminated pursuant to the Termination for Convenience of the Government clause of this contract, the total amount payable by the Government (including amounts payable for subcontracts and settlement costs) pursuant to paragraphs (f) and (g) of that clause will approximate 75 percent of the total amount then allotted to the contract.

(3) (i) The notice shall state the estimated date when the point referred to in subparagraph (2) above will be reached and the estimated amount of additional funds required to continue performance to the date specified in subparagraph (1) above, or an agreed date substituted for it.

(ii) The Contractor shall, 60 days in advance of the date specified in subparagraph (1) above, or an agreed date substituted for it, advise the Contracting Officer in writing as to the estimated amount of additional funds required for the timely performance of the contract for a further period as may be specified in the contract or otherwise agreed to by the parties.

(4) If, after the notification referred to in subdivision (3)(ii) above, additional funds are not allotted by the date specified in subparagraph (1) above, or an agreed date substituted for it, the Contracting Officer shall, upon the Contractor's written request, terminate this contract on that date or on the date set forth in the request, whichever is later, pursuant to the Termination for Convenience of the Government clause.

(d) When additional funds are allotted from time to time for continued performance of the work under this contract, the parties shall agree on the applicable period of contract performance to be covered by these funds. The provisions of paragraphs (b) and (c) above shall apply to these additional allotted funds and the substituted date pertaining to them, and the contract shall be modified accordingly.

(e) If, solely by reason of the Government's failure to allot additional funds in amounts sufficient for the timely performance of this contract, the Contractor incurs additional costs or is delayed in the performance of the work under this contract, and if additional funds are allotted, an equitable

adjustment shall be made in the price or prices (including appropriate target, billing, and ceiling prices where applicable) of the items to be delivered, or in the time of delivery, or both.

(f) The Government may at any time before termination, and, with the consent of the Contractor, after notice of termination, allot additional funds for this contract.

(g) The provisions of this clause with respect to termination shall in no way be deemed to limit the rights of the Government under the Default clause of this contract. The provisions of this Limitation of Funds clause are limited to the work on and allotment of funds for the items set forth in paragraph (a) above. This clause shall become inoperative upon the allotment of funds for the total price of said work except for rights and obligations then existing under this clause.

(h) Nothing in this clause shall affect the right of the Government to terminate this contract pursuant to the Termination for Convenience of the Government clause of this contract.

5. INDEFINITE QUANTITY (IQ) DELIVERY ORDERS

All indefinite quantity work shall be authorized by written Delivery Orders issued by the Contracting Officer. Each IQ Delivery Order will identify the type (subline item number) and quantity of work to be performed, the location of the work, and a delivery schedule. Sufficient funds for the performance of the assigned work will be included on the face of each IQ Delivery Order. The total amount of IQ work issued for each subline item shall not exceed the estimated quantity by more than 10 percent for each contract year.

6. FINAL INSPECTION AND ACCEPTANCE (LARC 52.246-94) (OCT 1992)

Final inspection and acceptance of all items specified for delivery under this contract shall be accomplished by the Contracting Officer or his duly authorized representative at destination.

7. PERIOD OF PERFORMANCE (NASA 18-52.212-74) (DEC 1988)

The period of performance of this contract shall be 12 months from the effective date of the contract.

8. PLACE OF PERFORMANCE (LaRC 52.212-98) (OCT 1992)

The place(s) of performance shall be the NASA, Langley Research Center, Hampton, Virginia.

9. OBSERVATION OF REGULATIONS AND IDENTIFICATION OF CONTRACTOR'S EMPLOYEES (LaRC 52.212-104) (MAR 1992)

(a) Observation of Regulations--In performance of that part of the contract work which may be performed at Langley Research Center or other Government installation, the Contractor shall require its employees to observe the rules and regulations as prescribed by the authorities at Langley Research Center or other installation.

(b) Identification Badges--At all times while on LaRC property, the Contractor shall require its employees, subcontractors and agents to wear badges which will be issued by the NASA Contract Badge and Pass Office, located at 1 Langley Boulevard (Building No. 1228). Badges shall be issued only between the hours of 6:30 a.m. and 4:30 p.m., Monday through Friday. Contractors will be held accountable for these badges, and may be required to validate outstanding badges on an annual basis with the NASA LaRC Security Office. Immediately after employee termination or contract completion, badges shall be returned to the NASA Contract Badge and Pass Office.

10. LIST OF INSTALLATION-PROVIDED PROPERTY AND SERVICES
(NASA 18-52.245-77) (MAR 1989)

In accordance with the Installation Provided Government Property clause of this contract, the Contractor is authorized use of the types of property and services listed below, to the extent they are available, while on-site at the NASA installation.

(a) Office space, work area space, and utilities. The Contractor shall use Government telephones for official purposes only.

(b) General- and special-purpose equipment, including office furniture.

Equipment to be made available to the Contractor for use in performance of this contract on-site and at such other locations as approved by the Contracting Officer is listed in Exhibit C. The Government retains accountability for this property under the Installation-Provided Government Property (IPGP) clause, regardless of its authorized location. The IPGP listed in Exhibit C will not be replaced by the Government at the end of its useful life or if damaged beyond reasonable repair. The Contractor will be responsible for providing any additional equipment necessary to perform the required work under the contract.

11. INVOICE PAYMENTS

(a) In accordance with the contract clause entitled PAYMENTS (FAR 52.232-1) (APR 1984), payment will be made by the Government to the Contractor no more than twice monthly based on receipt of a proper invoice and satisfactory contract performance (See Contract Item 3, CONSEQUENCES OF CONTRACTOR'S FAILURE TO PERFORM REQUIRED SERVICES). The Contractor shall invoice for Contract Line Item No. 1 in accordance with the percentages in paragraph (b) below, and shall also invoice for any IQ work performed during the billing period.

(b) Item 1 Billing Percentages by month:

January	2.0%	July	12.0%
February	2.0%	August	12.0%
March	8.5%	September	11.0%
April	11.0%	October	8.5%
May	13.5%	November	4.5%
June	12.0%	December	3.0%

(c) A proper invoice is defined as containing the following information:

- (1) Contract Number;
- (2) Name and address of Contractor;
- (3) Invoice date;
- (4) Invoice Number and Taxpayer Identification Number;
- (5) Contract Line Item Number (CLIN), quantity, unit of measure, unit price, and extended price of services performed;
- (6) Total Amount Due.
- (7) Name and Title of Signer:
Signature and Date

(d) The original plus 3 copies of all invoices, marked either "Interim" or "Final" as appropriate, shall be sent directly to the COTR for preliminary review. The COTR will then forward the invoices to the Contracting Officer for review, approval, and transmission to the payment office. The 3 invoice copies shall be marked by the Contractor as follows:

Copy 1 - NASA Contracting Officer
 Copy 2 - Contractor
 Copy 3 - NASA COTR

(e) All payments will be made by electronic funds transfer. Payment will be forwarded to the financial institution and account identified in the Standard Form 3881 executed by the Contractor.

12. STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (FAR 52.222-42) (MAY 1989)

In compliance with the Service Contract Act of 1965, as amended, and the regulations of the Secretary of Labor (29 CFR Part 4), this clause identifies the classes of service employees expected to be employed under the contract and states the wages and fringe benefits payable to each if they were employed by the contracting agency subject to the provisions of 5 U.S.C. 5341 or 5332.

THIS STATEMENT IS FOR INFORMATION ONLY: IT IS NOT A WAGE DETERMINATION

<u>Employee Class</u>	<u>Monetary Wage</u>
Chief Groundskeeper/Tractor Operator	\$12.71
Crew Chief/Mechanic	\$11.12
Crew Chief/Equipment Operator	\$11.12
Tractor/Equipment Operator	\$11.12
Laborer, Grounds Maintenance	\$ 8.58
Secretary	\$ 8.51

FRINGE BENEFITS

<u>Annual Leave</u>	- Receives 13 days paid leave for service up to 3 years; 2 days for 3 to 15 years service; and 26 days for 15 years service or over.
<u>Sick Leave</u>	- Receives 13 days paid leave per year.
<u>Holidays</u>	- Receives 10 paid holidays per year.
<u>Health Insurance</u>	- Government pays up to 60% of health insurance.
<u>Group Life Insurance</u>	- Government pays two-thirds of life insurance rate premiums.
<u>Retirement</u>	- The Government provides three retirement plans identified as the Civil Service Retirement System (CSRS), the Federal Employees Retirement System (FERS), and the CSRS Offset. Under the CSRS, the Government contributes 7% of the employees' base pay towards the retirement benefit and 1.45% towards Medicare. Under the FERS, the Government contributes 11.4% of the employees' base pay towards a basic benefit plan, 6.2% to Social Security, 1.45% towards Medicare, and 1% (plus matching contributions of up to 4% of basic pay, depending on employees' contributions) to a thrift savings plan. Under the CSRS Offset, the Government contributes 0.8% of the employees' base pay towards the retirement benefit, 6.2% to Social Security, and 1.45% towards Medicare.

Part-time Federal employees receive pro rata annual leave, sick leave, holiday leave, health insurance, and group life insurance benefits based on the number of hours worked.

13. SECURITY PROGRAM/FOREIGN NATIONAL EMPLOYEE INVESTIGATIVE REQUIREMENTS (LaRC 52.204-91) (NOV 1991)

Prior to reporting to Langley Research Center (LaRC) to perform under a contract or grant, each Foreign National shall have approval for access to LaRC facilities from NASA Headquarters, International Relations Division (Code XID). A copy of the access authorization request shall be provided to the LaRC Chief of Security. Additionally, an investigation by the Government shall be completed on each Foreign National contractor prior to reporting to LaRC to perform under a contract or grant. A properly executed "Name Check Request" (NASA Form 531) and a completed "applicant" fingerprint card shall be submitted to the LaRC Security Office, Mail Stop 182, for each Foreign National contractor at least 75 days prior to the estimated entry on duty date. The NF 531 and fingerprint card may be obtained from the LaRC Security Office. If the access approval is obtained from NASA Headquarters prior to completion of the investigation, and the Contracting Officer requires a Foreign National to work on LaRC, an escort request may be considered by the LaRC Chief of Security.

14. INCORPORATION OF THE REPRESENTATIONS AND CERTIFICATIONS BY REFERENCE

Pursuant to FAR 15.406-1(b), the Contractor's Representations and Certifications dated 2/27/97 are hereby incorporated into the contract by reference.

15. OPTION TO EXTEND THE TERM OF THE CONTRACT (FAR 52.217-9) (MAR 1989)

- a) The Government may extend the term of this contract by written notice to the Contractor within 30 days of the contract completion date.
- b) If the Government exercises this option, the extended contract shall be considered to include this option provision.
- c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed 5 years.

16. OPTIONS

Pursuant to the clause entitled "Option to Extend the Term of the Contract (FAR 52.217-9) (MAR 1989)", the Contractor hereby grants to the Government options to extend the term of the contract for four (4) additional periods of twelve (12) months each. Such options are to be exercised by the issuance of a unilateral contract modification by the Government. Upon exercise of such option(s) by the Government, the following items will be increased by the amount specified below for each option period:

<u>Item</u>	<u>Option Period One</u>	<u>Option Period Two</u>	<u>Option Period Three</u>	<u>Option Period Four</u>
Total Firm Fixed Price Work (Item 001)	\$376,942.59	\$382,712.67	\$390,681.55	\$394,055.19
Total Indefinite Quantity Work (Item 002) [not to exceed]	\$295,940.19	\$297,668.39	\$299,640.29	\$301,416.85
Period Of Performance [Paragraph 7 above]	12 months	12 months	12 months	12 months

17. CLAUSES INCORPORATED BY REFERENCE (52.252-2) (JUN 1988)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available.

NOTICE: The following clauses are hereby incorporated by reference.

A. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES

52.202-1	Definitions (Oct 1995)
52.203-3	Gratuities (Apr 1984)
52.203-5	Covenant Against Contingent Fees (Apr 1984)
52.203-6	Restrictions on Subcontractor Sales to the Government (Jul 1995)
52.203-7	Anti-Kickback Procedures (Jul 1995)
52.203-10	Price or Fee Adjustment for Illegal or Improper Activity (Jan 1997)
52.203-12	Limitation on Payments to Influence Certain Federal Transactions (Jan 1990)
52.204-4	Printing/Copying Double-Sided on Recycled Paper (Jun 1996)
52.209-6	Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (Jul 1995)
52.211-15	Defense Priority and Allocation Requirements (Sep 1990)
52.215-33	Order of Precedence (Jan 1986)
52.219-8	Utilization of Small, Small Disadvantaged and Women-Owned Small Business Concerns (Oct 1995)
52.219-11	Special 8(a) Contract Conditions (Feb 1990)
52.219-14	Limitations On Subcontracting (Dec 1996)
52.219-17	Section 8(a) Award (Dec 1996)
52.222-1	Notice to the Government of Labor Disputes (Feb 1997)
52.222-3	Convict Labor (Aug 1996)
52.222-26	Equal Opportunity (Feb 1995)
52.222-28	Equal Opportunity Preaward Clearance of Subcontracts (Apr 1984)
52.222-35	Affirmative Action for Special Disabled and Vietnam Era Veterans (Apr 1984)
52.222-36	Affirmative Action for Handicapped Workers (Apr 1984)
52.222-37	Employment Reports on Special Disabled Veterans and Veterans of the Vietnam Era (Jan 1988)
52.222-41	Service Contract Act of 1965, As Amended (May 1989)
52.222-43	Fair Labor Standards Act and Service Contract Act -- Price Adjustment (Multiple Year and Option Contracts) (May 1989)
52.223-2	Clean Air and Water (Apr 1984)
52.223-6	Drug-Free Workplace (Jan 1997)
52.224-1	Privacy Act Notification (Apr 1984)
52.224-2	Privacy Act (Apr 1984)
52.225-11	Restrictions on Certain Foreign Purchases (Oct 1996)
52.227-1	Authorization and Consent (Jul 1995) -- Alternate I (Apr 1984)
52.227-2	Notice and Assistance Regarding Patent and Copyright Infringement (Aug 1996)
52.227-3	Patent Indemnity (Apr 1984)
52.229-4	Federal, State and Local Taxes (Noncompetitive Contract) (Jan 1991)
52.229-5	Taxes - Contracts Performed in U.S. Possessions and Puerto Rico (Apr 1984)
52.232-1	Payments (Apr 1984)
52.232-8	Discounts for Prompt Payment (May 1997)
52.232-9	Limitation on Withholding Payments (Apr 1984)
52.232-17	Interest (Jun 1996)
52.232-23	Assignment of Claims (Jan 1986)
52.232-25	Prompt Payment (May 1997)
52.232-33	Mandatory Information for Electronic Funds Transfer Payment (Aug 1996)
52.233-1	Disputes (Oct 1995) -- Alternate I (Dec 1991)
52.233-3	Protest After Award (Aug 1996) -- Alternate I (Jun 1985)
52.237-2	Protection of Government Buildings, Equipment, and Vegetation (Apr 1984)

- 52.242-13 Bankruptcy (Jul 1995)
- 52.242-15 Stop-Work Order (Aug 1989)--Alternate I (Apr 1984)
- 52.243-1 Changes -- Fixed-Price (Aug 1987) -- As Modified by NASA FAR Supplement 18-43.205 -- Alternate II (Apr 1984) (Insert "60 days" in lieu of "30 days" in paragraph (c))
- 52.244-1 Subcontracts (Fixed-Price Contracts) (Feb 1995)--Alternate I (Apr 1984)
- 52.244-5 Competition in Subcontracting (Dec 1996)
- 52.244-6 Subcontracts for Commercial Items and Commercial Components (Oct 1995)
- 52.245-1 Property Records (Apr 1984)
- 52.245-2 Government Property (Fixed-Price Contracts) (Dec 1989)--Alternate I (Apr 1984) (Deviation) (Jul 1995)
- 52.246-2 Inspection of Supplies--Fixed Price (Aug 1996)
- 52.246-4 Inspection of Services -- Fixed-Price (Aug 1996)
- 52.246-16 Responsibility for Supplies (Apr 1984)
- 52.246-25 Limitation of Liability -- Services (Feb 1997)
- 52.248-1 Value Engineering (Mar 1989)
- 52.249-4 Termination for Convenience of the Government (Services) (Apr 1984)
- 52.249-8 Default (Fixed-Price Supply and Service) (Apr 1984)
- 52.252-6 Authorized Deviations in Clauses (Apr 1984)
- 52.253-1 Computer Generated Forms (Jan 1991)

B. NASA/FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES

- 18-52.215-84 Ombudsman (Oct 1996)
LaRC: Sandra S. Ray, (757) 864-2428
NASA: Thomas S. Luedtke, (202) 358-2090
- 18-52.219-76 NASA Small Disadvantaged Business Goal (Jul 1991)
- 18-52.223-70 Safety and Health (Mar 1997)
- 18-52.223-73 Safety and Health Plan (Dec 1988)
- 18-52.228-75 Minimum Insurance Coverage (Oct 1988)
- 18-52.237-70 Emergency Evacuation Procedures (Dec 1988)
- 18-52.245-71 Installation-Provided Property (Mar 1989)

18. LIST OF EXHIBITS

- EXHIBIT A STATEMENT OF WORK (35 PAGES + EXHIBITS)
- EXHIBIT B PERFORMANCE REQUIREMENTS SUMMARY (5 PAGES)
- EXHIBIT C INSTALLATION-PROVIDED GOVERNMENT PROPERTY (3 PAGES)
- EXHIBIT D WAGE DETERMINATION NO. 94-2543, REVISION 13 (9 PAGES)
- EXHIBIT E REPORTING REQUIREMENTS (4 PAGES)

EXHIBIT A - STATEMENT OF WORK

1.1 Introduction

This Statement of Work reflects the general requirements associated with providing Groundskeeping and Pest Control Support Services for Langley Research Center (LaRC).

1.2 Scope

The Contractor shall furnish the necessary management, labor, supplies, materials, transportation and equipment (other than Installation-Provided Government Property) necessary to provide grounds maintenance and pest control services for the west area and portions of the east area of Langley Research Center. This service shall include, but not be limited to, cutting grass, edging, tree and shrub pruning, tree and stump removal, ditch, catch basin, skimming basins, septic tank and grease trap cleaning, edging, weeding, mulching, leaf gathering, fertilization, collection and disposal of trash, vegetation cutting and removal, underbrushing, excavation, street sweeping, animal control, sandbagging and the collection and delivery of recyclable papers and privacy act material. The work required shall be performed to ensure safe work conditions. The contractor will be required to perform pest control services outside normal work schedules.

1.3 General Requirements

Management

The Contractor shall manage the total work effort associated with the Grounds and Pest Control Services required herein to assure fully adequate and timely completion of these services. Included in this function will be a full range of management duties including but not limited to, planning, scheduling and quality control.

1.4 Work Control.

Reports on the status of specific items shall be provided when requested by the Contracting Officer.

1.5 Work Schedule.

The Contractor's monthly work schedule shall indicate the proposed date of accomplishment of all required services by parcel number. The schedule shall list the type of work to be performed, the areas to be worked and the estimated time to complete the work in each area. The initial work schedule, for the base period of the contract, shall be submitted to the Contracting Officer for approval within 15 days after award. All work shall be performed in compliance with the work schedule to facilitate the Government's inspection of the work. Changes to the work schedule shall be submitted for the Contracting Officer at least two working days prior to performance. In preparing the work schedule, the Contractor shall comply with the following general requirements:

1.6 Contractor Quality Control

The Contractor's project manager and his QC inspector, if separate individuals, shall attend a post-award performance meeting. The QC inspector shall also attend meetings with the Contracting Officer and other Government personnel to resolve quality considerations and problems that may arise in the course of the work.

1.7 Government Quality Assurance:

The Government reserves the right to establish and maintain a Quality Assurance Plan.

2. DEFINITIONS - TECHNICAL

As used throughout this contract, the following terms shall have the meaning set forth below.

a. Bruising of Lawn. An injury to grass areas resulting in discolored blades of grass, usually caused by mowing with a dull blade.

b. Diameter. The widest point of a plant's trunk diameter, measured 6" up from the ground. Multi-stem plants are measured at the widest point of all trunks, measured 6" up from the ground.

c. Clipping. Any vegetation that is left after being cut off by means of shears, mowers, etc.

d. Contracting Officer. The Contracting Officer is a person with the authority to enter into, administer, and/or terminate contracts and make related determinations and findings. The term includes certain authorized representatives of the contracting Officer acting within the limits of their authority as delegated by the Contracting Officer.

e. Contracting Officer Technical Representative (COTR). The COTR is an authorized person delegated by the Contracting Officer to administer certain areas of a specific contract.

f. Contractor.-The term Contractor as used herein refers to both the prime contractor and any subcontractors. The prime Contractor shall ensure that his /her Subcontractors comply with the provisions of this contract.

g. Contractor Representative. The Prime Contractor's Contract Manager.

h. Debris- Undesirable or discarded material, Debris includes, but is not limited to, trimmed vegetation, paper, cans, bottles, fallen tree limbs, pine straw and pine cones, leaves, rocks, and other similar items.

i. Delivery Order. A delivery order is a document prepared by the Contracting Officer that is issued to the contractor and unilaterally orders work to be performed. Delivery orders will be issued as necessary and may be modified.

j. Diameter at Breast Height (DBH). Diameter at Breast Height, as measured 4.5 feet above ground level.

k. Environmental Protection Agency (EPA). The Federal agency delegated with authority to enforce the Federal laws which are concerned with pollution of the environment.

l. Facility. An establishment, structure, or assembly of units of equipment designated for a specific function.

m. Fertilization. Fertilization is the process of applying nutrient elements to the soil where the soil has become deficient in nutrients essential for proper plant growth.

n. Frequency The Government established number of occurrences for the individual line items listed in the fixed price portion of the contract.

o. (reserved)

p. Grade. To bring soil to a level or to a regular inclination using appropriate tools and equipment.

q. Grass Cutting. Grass cutting shall include cutting and trimming, within the designated area, all grasses, weeds, and other vegetation which is one inch or less in diameter (at ground level).

r. Ground Cover. A plant that creeps, clumps, mats, and vines to cover, conceal and protect the bare soil. Ground cover ranges from 1 to 15 inches in height. Some varieties are, but not limited to, Vinca, Hosta, Ivies, Alyssum, Ajuga, and Liriope.

s. Herbicide. A chemical agent used to destroy or inhibit vegetative growth

t. Lawn area. Any grass area under contract that is to be maintained.

u. Maintenance Level. A designation used to specify the frequency of services and types of grounds maintenance required on a land parcel.

v. Occurrence. An individual task or incident

w. Provided. Meaning in place, furnished and installed, ready for use.

x. Parcel- A given area of land. Each area shown on maps accompanying this specification is divided into various numbered parcels.

y. Pruning. Pruning is selectively removing unwanted growth to make a plant or tree grow or respond in a desired manner. Pruning differs from "shearing". Pruning involves selection and judgment. "Shearing" means clipping all growth on a plant at a uniform distance and shape.

z. Quality Assurance Program. A program implemented by the Government to provide some measure and control over the quality of services received. It is emphasized that the Government's quality assurance program is not a substitute for the quality control program implemented and administered by the contractor.

aa. Quality Assurance Evaluator (QAE). The Government employee responsible for the daily monitoring of Contractor performance.

bb. Quality Assurance (QA). A method used by the Government to provide some measure of control over the quality of purchased goods and services received.

cc. Quality Control (QC). A method used by the Contractor to control the quality of goods and services produced.

dd. Response Time. Response time is defined as the time allowed the contractor after initial notification of a work requirement to be physically on the premises at the work site, with appropriate tools, equipment and materials, ready to perform the work required.

ee. Rough Cutting of Lawns. An uneven or scalping of grass areas. Improper operating of equipment in a manner that cuts tracks in the ground, or damages trees or shrubs from nicking with equipment.

ff. Shrub. A woody perennial plant generally smaller than a tree, usually having permanent stems branching from or near the ground. For purposes of this contract a shrub shall be defined to be an individual plant that has been trimmed on a regular schedule to maintain its shape. Many shrubs as defined above may be very large in height and width, but due to being trimmed on a regular schedule shall still be considered a shrub.

gg. Sweeping. The process of removing unwanted clippings, dirt, etc. by means of a broom or mechanically operated equipment.

hh. Task Verification Document. A form designated by the Contractor for his use in planning and scheduling work items in the fixed price portion of the contract. The Contractor shall use the task verification document to provide verification and accountability of accomplished fixed price work. The Contracting Officer may use the task verification document in the Quality Assurance Program. The format of all task verification documents shall be approved by the Contracting Officer as a portion of the Contractor's Quality Control Plan.

ii. Thatch. Thatch is a layer of slowly decomposing grass stems, dead roots, and debris that accumulates above the soil and below grass blades.

jj. Tree. A perennial plant having a permanent, woody, self-supporting multiple stems or a single trunk, ordinarily growing to a considerable height, and usually developing branches at some distance from the ground.

kk. Trimming. The process of returning a shrub to its original shape by removing the new growth.

ll. Where "as shown", "as indicated", "as detailed" or words of similar import are used, it shall be understood that reference is made to this specification and the drawings accompanying this specification unless stated otherwise.

mm. Where "as directed", "as required", "as permitted", "approval", "acceptance" or words of similar import are used, it shall be understood that direction, requirement, permission, approval, or acceptance of the Contracting Officer is intended unless stated otherwise.

nn. Work Schedule. A written document submitted to the Contracting Officer which indicates how and when the Contractor intends to accomplish a particular portion of the work which will require coordination with the Contracting Officer for facility use, access, and task verification.

oo. Unscheduled Services. The Contractor is required to respond to all verbal or written unscheduled services as requested by the Contracting Officer. A delivery order detailing the work requirements will be issued within two working days to the Contractor. The Contractor must have sufficient personnel, equipment and supplies to respond to all routine, urgent and emergency calls without interruption to regularly scheduled services. Unscheduled services may increase the monthly services by 15 to 20 percent. Unscheduled services shall be ordered under the Indefinite Quantity Work Schedule (Item 2).

pp. Routine Unscheduled Work. Any unscheduled work ordered under the Indefinite Quantity portion of this contract by the Contracting Officer, and not identified specifically as "Emergency Service Work". All routine unscheduled work shall be completed within the allowed times specified in Exhibit JB-3

qq. Emergency Service Work. Any unscheduled work ordered under the Indefinite Quantity portion of the contract by the Contracting Officer that has been considered to pose a potential threat to health, safety, or Government property. Such work shall be so identified in the Delivery Order.

rr. Urgent Service Work. Any unscheduled work ordered under the Indefinite Quantity portion of the contract by the Contracting Officer that is not considered as an emergency, but has a need to be accomplished before the normal time frame for routine service work. Such work shall be so identified in the Delivery Order.

ss. Unsightly. Unattractive, distasteful or unpleasant to look at, as determined by the Contracting Officer or his representative.

3. GOVERNMENT FURNISHED PROPERTY AND SERVICES.

A. Government Furnished Facilities.

(1) The Government will furnish or make available to the Contractor the facilities and lay down areas described in Exhibit JB-4. The Contractor shall assume responsibility and accountability of such facilities provided for his/her use and shall take adequate precautions to prevent fire hazards, odors and vermin. Janitorial services for Building 1286 will be provided by the Government; janitorial services for Building 1285 shall be the responsibility of the Contractor. The Contractor shall obtain written approval from the Contracting Officer prior to making any modification or alterations to the facilities. The facilities shall be returned to the Government in the same condition as received, except for reasonable wear and tear. The Contractor shall be held responsible for the cost of any repairs caused by negligence or abuse on his part, or on the part of his employees.

B. Government Furnished Equipment

(1) The Government will provide the Contractor the use of existing and available Government owned tools and equipment, as listed in Exhibit C, Installation-Provided Government Property, in the performance of this contract.

(i) The Contractor shall provide periodic servicing, maintenance, and repair of the equipment listed at no additional cost to the Government, and the total or partial breakdown or failure of the Government furnished equipment shall not relieve the Contractor of the requirement to fully perform the work of the contract. Upon completion or termination of the contract, all Government owned equipment shall be returned to the Government in the same condition as received, except for normal wear and tear. Equipment which becomes worn out due to normal wear and tear shall be returned to the Government, and its replacement shall be the responsibility of the Contractor at no cost to the Government. Equipment so acquired shall remain the property of the Contractor. The Contractor shall be responsible for the cost of any repairs or replacement caused by negligence or abuse by the Contractor or his/her employees.

(b) The Contractor, the COTR, and the Government Industrial Property Officer shall conduct a joint inventory before commencing work under this contract to determine the exact number and serviceability of Government furnished equipment. The Contractor shall then certify the findings of this inventory, assume accounting responsibility, and subsequently report inventory discrepancies to the Government Representatives. Government furnished equipment shall not be removed from the Center unless approved by the Contracting Officer in writing.

C. Availability of Utilities.

The Government will furnish the following utility services at existing outlets for use in those facilities provided by the Government and as may be required for the work to be performed under the contract: Telephone service, electricity, steam, fresh water, and sewage service. Information concerning the location of existing outlets may be obtained from the COTR. The Contractor shall provide and maintain, at his/her expense, the necessary service lines from existing Government outlets to the site of work. Utilities specified above will be furnished at no cost to the Contractor.

4. CONTRACTOR FURNISHED ITEMS:

The Contractor shall furnish all facilities, equipment, materials, parts, supplies and tools necessary for the performance of this contract unless otherwise specified.

4.1 Items of equipment necessary to perform work as required or ordered under this contract shall be furnished, maintained and operated by the Contractor. The items of equipment include but are not limited to tractors, mowers, hydro mulchers, streetsweeper, dump trucks, fertilizer distributors, rollers, rakes, hoses, sprinklers, water containers and hand operated power driven equipment.

4.2 Materials and supplies procured by the Contractor shall meet the specifications, standards, and manuals listed in these specifications. The Contracting Officer may require test data showing that any materials or supplies procured by the Contractor meets the specifications. The Contracting Officer may at any time require samples of materials to be used in work performed under this contract.

4.3 If the quality of an item is not specified, it shall be of acceptable industrial grade quality, equal to or better than manufacturer's original and will be compatible with existing systems.

4.4 Administrative supplies and equipment shall be furnished by the Contractor.

5. DETAILED SPECIFICATIONS

5.1 GENERAL

Work performed under this contract shall be performed in accordance with the specifications and the estimated quantities shown herein.

5.1.1 APPLICABLE PUBLICATIONS:

The publications listed below form a part of this specification. The publications are referred to in the text by the basic designation only.

Federal Specifications:

0-F-241D Fertilizer, Mixed, Commercial

Q-P-166E Peat, Moss; Peat Humus; and Peat, Reed-Sedge

American National Standards Institute (ANSI) Publications

ANSI Z60.1-80 Nursery Stock

ANSI Z88.2-79 Practices for Respiratory Protection

ANSI Z133.1-79 Safety Requirements for Pruning, Trimming
Repairing, Maintaining, and Removing Trees,
and for Cutting Brush.

Associated Landscaping Contractors of American (ALCA) Publications

Hortus Third, L.H. Bailey 1976

U.S. Department of Commerce (NBS) Voluntary Product Standard:

PS-23-70 Horticultural Grade Perlite

5.1.2 RESERVED

5.1.3 RESERVED

5.1.4 ANNUAL GROUNDS MAINTENANCE PLAN

The plan identified by JB-1 identifies the frequencies for accomplishing the annual requirements for the Firm Fixed Price portion of this contract. This plan has been developed by the Government to fit the requirements of local conditions, types of vegetation and climatic factors. This plan shall be adhered to in its entirety unless the Contractor submits for approval a requested change. This plan shall serve as the basis for preparing the Work Schedule furnished by the Contractor.

5.1.5 SCOPE OF SITE

It shall be the responsibility of the Government to scope for any underground utilities located in the area prior to the start of any digging operations. It shall be the Contractor's responsibility for ensuring that a scope of the area has been performed prior to the start of any digging operations. The Contractor shall take all reasonable safeguards to protect all underground utilities and the responsibility to ensure the health and well being of his employees while performing work on Government property. It shall be the responsibility of the Contractor to notify the Contracting Officer immediately if any injuries or property damage occurs. It is the Contractor's responsibility for making repairs to any such property upon the approval of the Contracting Officer.

5.1.6 PRODUCTS:

a. Topsoil to be furnished:

The Contractor shall furnish sufficient topsoil to properly install all work as specified herein. Topsoil furnished shall be obtained from the top 6" of the soil profile. It shall be natural, fertile, friable soil possessing the characteristics of representative productive soils in the vicinity. It shall be obtained from natural well-drained areas. It shall not be excessively acid or alkaline nor contain toxic substances which may be harmful to plant growth. Topsoil shall be without admixture of subsoil and shall be clean and reasonably free of clay, lumps, stones, stumps, roots or similar substances, one inch or more in diameter, debris, or other objects which might be a hindrance to planting operations. Topsoil shall contain at least six percent organic matter. The acidity range shall be between 5.0 and 7.0 inclusive. The mechanical analysis of the soil shall be as follows:

<u>Sieve Size</u>	<u>Percent Passing</u>
1-inch mesh	99-100 percent
1/4-inch mesh	97-99 percent
No. 100 mesh	40-60 percent
No. 200 mesh	20-40 percent

b. Peat:

Peat shall be what is known in the trade as "Peat Moss" and shall be delivered to the site in unopened original containers.

Peat shall be shredded or granulated having an acid reaction of 4-5 pH, inclusive, shall be low in content of woody material, free of mineral matter harmful to plant life, and shall have a natural moisture content of 30 percent with a water absorption capacity of 1100-2000 percent.

c. Water:

Water where available shall be supplied by the Government from existing outlets. The Contractor shall make at his own expense whatever arrangements may be necessary to ensure an adequate supply of water to meet the needs of this contract. He shall furnish all necessary hose equipment, backflow prevention devices, attachments and accessories for the adequate irrigation of planted areas as may be required to complete the work as specified. The Contractor shall provide and use a backflow prevention device on any water supply that is not already furnished with one.

d. Mulch for trees and shrub beds:

Free from noxious weeds, molds, or other deleterious materials.

(1) Inert Mulch Materials:

Shall be granite stone ranging in size from 3/4 to 1 1/2 inches.

(2) Organic Mulch Materials:

Shall be shredded pine or hardwood, or pine bark nuggets as directed by the COTR.

e. Soil Conditioners:

Use singly or in combination as required to meet specified requirements for topsoil.

f. Planting Soil Mixtures:

Four parts topsoil, and one part peat.

g. Landscape Fabric:

The fabric shall be water permeable woven material capable of drainage at the rate of 25 gallons per square foot per minute. The fabric shall have a felt backing on both sides.

h. Lime:

Lime shall be dolomitic agricultural ground limestone, or pelletized containing at least 85% of total carbonates. If ground limestone is used it shall be ground to such fineness that at least 50% will pass 100 mesh sieve and at least 95% will pass 30 mesh sieve.

i. Commercial Fertilizer:

Fertilizer shall be of granular type 10-20-20 conforming to the applicable state fertilizer laws. It shall be uniform in composition, dry and free flowing, and shall be delivered to the site in the original, unopened containers, each bearing the manufacturer's guaranteed analysis. Any fertilizer which becomes caked or otherwise damaged, making it unsuitable for use, will not be accepted.

j. Soil for Repairs:

Shall be topsoil as specified herein.

k. Seed:

Deliver seed to the site in original sealed packages bearing the producer's guaranteed analysis for percentages of mixtures, purity, germination, weed seed content, and inert material. Label in conformance with USDA Federal Seed Act 53 Stat. Rules and Regulations and applicable state seed laws. Wet, moldy, or otherwise damaged seed will be rejected. Mixed seed shall be mixed by the seed company and shall have accompanying labels attached for the Contracting Officer to verify. Seed shall be the latest season's crop.

l. Materials for Staking and Guying of New Trees:

(1) Stakes for supporting trees shall be 2" x 2" sound wood, capable of supporting the tree for one year. Length of stake shall be 1/3 tree height plus three feet, 2 stakes minimum per tree. The Contractor shall remove all stakes after one year.

(2) Wire for guys or for fastening trees to stakes shall be No. 12 gauge pliable, galvanized iron. The Contractor shall remove all guy wires after one year.

(3) Hose to encase guy wires or wires used for fastening trees to stakes shall be new 2-ply reinforced black rubber hose. The Contractor shall remove all hose to encase guy wires after one year.

(4) Hardware used in staking and guying operations shall be hot dipped galvanized steel.

m. New Trees, Shrubs, and Ground Cover:

(1) Nomenclature:

The names of plants required under this contract conform to those given in Standardized Plant Names, (most recent edition) prepared by the American Joint Committee of Horticultural Nomenclature. Names of varieties not included therein conform generally with names accepted in the nursery trade.

(2) Quality:

All plant materials shall be "Specimen Plants" as defined in the Technical Glossary of Horticultural and Landscape Terminology (most recent edition) prepared by the Horticultural Research Institute, Inc. Plants shall be typical of their species and variety, have normal growth habits, well-developed branches, densely foliated and vigorous fibrous root systems. No plant will be accepted unless they show healthy growth and satisfactory foliage conditions. The Contracting Officer reserves the right to refuse any plants at any time during the guarantee period if such plants do not meet the standards set.

(i) Plants shall be free from defects, injuries, plant diseases and insect infestations; no infested plants shall be used at any time. Such plants found shall be removed that day, and replaced promptly with healthy specimens.

(ii) Plant heights in relationship to diameter; plant heights in relationship to minimum width of foliage; spread of root systems; size of root balls and any other standard shall be in accordance with American Standard for Nursery Stock (most recent edition) prepared by American Association of Nurserymen, Inc.

(iii) All plants of each particular variety shall be reasonably uniform in size and configuration. Plants shall be container grown or freshly dug, balled-and-burlapped. No root-bound plants will be accepted.

(iv) All new trees must have straight trunks with a single leader intact unless multi-stem are specified. Bark shall be free of abrasions and all fresh cuts over 1-1/4 inches shall be callused over. Trees will not be accepted which have had their leaders cut or which have had their leaders damaged so that cutting is necessary. Unless otherwise specified, all deciduous shade trees shall be free of branches up to a minimum of five feet from the top of the root ball and 6'-8" from the top of the root ball when tree is in or adjacent to walkways. All trees will be well branched with reasonably straight stems. Branching shall be regular with ample horizontal growth.

(v) All plants shall equal or exceed the size specifications in the Delivery Order. Any necessary pruning shall be done at the time of planting and all plants shall be measured after pruning with branches in their normal position.

(3) Balled-and-Burlapped Plants:

All plants except container grown plants shall be balled-and-burlapped. Damaged or broken balls will not be accepted. Plants shall be dug and prepared for shipment in a manner that will not cause any damage to the branches, shape and future development of the plants after planting. The root balls of balled-and-burlapped plants which cannot be planted immediately on delivery shall be covered with moist soil, mulch or other protection from drying winds. All plants shall be watered upon delivery if not immediately planted.

(4) Container Grown Plants:

Plants shall have a sufficient root growth to hold earth intact when removed from the container. Root bound plants will not be accepted. All plants shall be watered upon delivery if not immediately planted.

(5) Inspection:

All new plants shall be inspected and approved by the COTR **PRIOR TO USE**. It shall be the Contractor's responsibility to contact the Contracting Officer when plants are delivered in sufficient time for the inspection to take place during the Government's regular working hours.

(6) Guarantee on New Plants and/or Replacement Plants:

All plants or replacement plants that are to be planted under the terms of this contract shall be unconditionally guaranteed against all defects as described herein. Each plant shall be tagged clearly stating the name of the plant in either of its common name or its botanical name. The responsibility of preserving the life of all plants shall be the Contractor's. The Contractor shall fertilize, water, mulch or whatever is necessary to ensure the life of these plants during the guarantee period.

The guarantee period for all plants (new or replacement) shall be for one year after planting, unless requested to be planted outside the normal planting season that is consistent with standard industry practices and agreed in writing with the Contracting Officer. A plant Inventory List will be maintained by the QAE to establish the one year time frame of the guarantee period for all new/or replacement plants. This list will include the plant name, type, location and date of planting. The guarantee shall be void if the plant is damaged by natural disaster, vandalism, abuse damage caused by any parties other

than the Contractor's employees. It shall be the Contractor's responsibility to investigate the site conditions prior to and during planting and to notify the Contracting Officer of any extenuating circumstances of conditions that may endanger the life expectancy of any plants. The guarantee shall be void for these plants if the Contractor is directed by the Contracting Officer (in writing) to plant under these extreme conditions.

6. PROTECTION OF GOVERNMENT PROPERTY/FACILITIES

During execution of the work, the Contractor shall take special care to protect Government property. The Contractor shall return Government Property damaged, as a result of abuse or neglect, under this contract to their original condition including replacement if necessary.

7. MOTOR VEHICLES

All motor vehicles shall be operated in accordance with laws of the State of Virginia and the rules and regulations controlling vehicles within the Langley Air Force Base and Langley Research Center areas. All personnel who operate vehicles shall be qualified by the applicable state laws. It shall be the responsibility of the Contractor to familiarize all of his/her employees with the local Air Force and NASA traffic regulations.

8. INSECTICIDES, PESTICIDES AND HERBICIDES

a. Shall be applied under the supervision of personnel licensed by the State of Virginia. Applications shall be performed in accordance with State and Federal regulations. The Contractor shall utilize only herbicides and pesticides registered by the Environmental Protection Agency. Use shall be in strict compliance with label directions for the control of the target.

b. Pesticide Use Records.

The Contractor shall prepare, maintain, and submit daily records of pesticide and herbicide usage. The record shall include: Company name, applicator, date, facility number, type of treatment or application, name and quantity of chemicals applied. All entries must be completed within 24 hours of chemical usage. A copy of each month's record shall be submitted to the COTR by the 10th working day of each month.

9. FIXED PRICE WORK

9.1 MAINTENANCE LEVEL I. (Administrative Areas)

The Contractor shall provide grounds maintenance services in maintenance level 1 areas at the times and frequencies specified in attachment JB-1. The drawings provide information on the size, location, and layout of the land parcels which make up maintenance level I.

A. Grass Cutting (Mowing)

All grassed areas located within this maintenance level shall be cut to a uniform height of 3 inches and any bare ground within the limits of an area becomes vegetated with grass, weeds, or similar growths through natural spread, i.e., not artificially planted, it shall be maintained as part of the contract. Prior to cutting, any trash, paper, or other debris that would detract from the finished appearance of the cut or present a safety hazard shall be removed. Such debris includes but is not limited to paper, cans, bottles, limbs, pine cones, rocks, and other such objects within the maintenance area, and shall include trash, paper, and other debris lodged in shrubs, hedges, fences, and along foundation and other walls. Debris shall be disposed off the Center the same day as collected. Grass cutting is to be accomplished free of scalping, rutting, bruising, and uneven and rough cutting. After cutting, grass shall have a uniform height. Grass clippings shall not be windrowed or allowed to be deposited in piles or clumps. Grass clippings shall be uniformly distributed over the mowed area. Grass areas close or adjacent to buildings, hydrants, parking lots, manholes, fences, trees, hedges, and shrubs are included in mowing requirements, and may require hand mowing. Trimming around trees, shrubs, flower/shrub beds, cultivated areas, poles, walls, valves and other similar objects shall be accomplished to match the height and appearance of the surrounded mowed grass. Trimming may be accomplished by hand clipping, by use of "weed eater" type equipment, or by herbicide treatment. Trees and shrubs shall not be damaged by trimming operations. Trimming shall be accomplished concurrently (same day) with grass cutting operations. Grass cutting will not be considered complete until all trimming operations are accomplished. Grass clippings and trimmings shall be removed from sidewalks and other paved areas the same day the grass is cut.

B. Edging.

All sidewalks, driveways, street edges, curbs, other paved areas, and shrubbery areas located within this maintenance level shall be edged in accordance with the frequencies specified in Exhibit JB-1. Edging shall create a 1/2 inch wide and 1 inch deep clear zone immediately adjacent to the paved surface. The edging operation shall include removal of grass and other vegetation which has encroached onto street and other paved surfaces from

adjoining grassed areas. Where driveway or street pavement edge is not discernible due to grass encroachment, a straight and even line approximating the edge of pavement shall be established and maintained. The edging operation shall produce neat, clean lines along the sides of sidewalks and other areas edged, and shall be accomplished free of scalping, rutting, bruising, uneven and rough cutting. All vegetation growing in the following areas shall be removed during the edging operation: (1) Sidewalks and driveway expansion joints and cracks; (2) Street/driveway curbing expansion joints; (3) Cracks between curbing and street/driveway pavement. For continued maintenance of vegetation growing in cracks and expansion joints, herbicide treatment may be utilized to reduce the amount of mechanical work. The use of herbicides shall not be allowed for the purpose of eliminating or reducing normal edging along straight paved edges (sidewalks, etc.). Debris generated by edging operations, which falls on nearby sod, causing an unsightly appearance, shall be removed from the site the day of the edging operation and disposed of off center.

C. Cultivate Plant Bed:

Shrubs, hedges, and flower beds shall be cultivated at the frequencies and times specified in JB-1. The bed shall extend a sufficient distance from base of shrubs, not less than 18 inches, to provide proper care for the plants and to insure their protection from damage by lawn mowers or other equipment. When cultivating, care shall be taken so that the roots of all plants that are to remain are not damaged. All debris shall be removed from bed areas, disposed of properly, and shall not be turned under. All unwanted vegetation shall be removed in its entirety including the entire root system. Removal of all vines and unwanted vegetation growing throughout shrubs shall be included in the cultivation process. Edging of beds or around individual shrubs shall be considered part of the cultivation. All edges shall be cut to a depth of two inches with neat and true lines. Care shall be taken not to dispose of existing mulch during the cultivation process.

D. Mulch Plant Bed:

Shrubs, hedges, and flower beds shall be mulched at the frequencies and times specified in JB-1. Shredded hardwood, pine bark mulch, or nuggets shall be provided by the Contractor and placed around all shrubs, hedges, and perennial flower beds, whether individual or massed. Shredded hardwood or pine mulch shall be placed to a depth of 3-4 inches. When new mulch is being placed over existing mulch, the total height shall not exceed the required depth. When cultivation is ordered in conjunction with mulching, then the cultivation shall be performed at least two days prior to placing any mulch. Mulch type shall be of same type as on existing beds. The type of mulch to be placed on newly formed beds shall be as specified by

the COTR. Care shall be taken not to place mulch on top of small shrubs or plants coming up through the ground or to have a matted appearance.

E. Plant, Shrub, and Hedge Pruning.

Shrubs, bushes, hedges and cultivated plants shall be pruned at the frequency shown in Exhibit JB-1. All clippings and debris shall be removed from the site the same day and disposed of off the center. Pruning shall be accomplished so as to:

(1) Remove growth attaining a length of 4 inches.

(2) Reduce the size and growth rate of each shrub by clipping approximately 20% to 30% of the total surface area approximately 3 to 6 inches inside the normal "pruned surface". This interior clipping (20% to 30%) shall be uniformly distributed over the entire shrub. This procedure shall be performed as a part of the normal pruning operation (when new growth is removed).

(3) Evenly form and balance the shrub, bush, or plant in order to shape it according to its natural growth habits. "Box" or "circular" shaping is not acceptable, except with hedges. Hedges shall be sheared or pruned, as appropriate, to maintain their established shape and appearance.

(4) Remove dead, damaged or diseased wood. If the entire shrub should die, remove the entire shrub to 6 inches below the ground level. The hole and any other surface damage caused by removal shall be filled with topsoil, fertilized, raked and seeded.

(5) Remove vines, tree sprouts or any other extraneous vegetative growth from under or on the shrubbery.

(6) Prune or remove growth in front of windows, over entrance ways or walks, or where vision is obstructed at street intersections.

F. Ground Cover Maintenance:

Ground cover beds are beds that may contain choice plants for use as ground cover. The beds may contain but not limited to, Ivy, Vinca, Junipers, and Phlox. Ground cover shall be maintained at a uniform height not to exceed 15 inches from the ground. Any growth cover that extends into or on other shrubs, trees, buildings, lawns, fences, or any other item shall be cut back to a height of 15 inches. The edge of the bed that meets the lawn area shall have an edge cut that is neat and presents a defined clean appearance and shall be maintained to a +/- 3 inches from the border of the beds edge. All grass and other unwanted vegetation shall be removed from these beds without damage to the ground cover plants.

9.2 MAINTENANCE LEVEL II

The Contractor shall provide grounds maintenance services in maintenance level II areas at the times and frequencies specified in Exhibit J-B1. The drawings provides information on the size, location, and layout of the land parcels which make up maintenance level II. All grassed areas located within this maintenance level shall be cut to a uniform height of three inches at the frequencies specified in Exhibit J-B1. All other requirements for grass cutting and trimming are the same as for maintenance level I, as specified in paragraph 9.1.A.

9.3 MAINTENANCE LEVEL III

All grassed areas located within this maintenance level, as delineated by color code in the drawings, shall be cut to a uniform height of 4 inches at the frequencies specified in Exhibit JB-1. The collection of lawn clippings is not required. However, clippings shall be removed when they are a fire hazard, without damaging grass or lawns. Trimming out of lawn areas shall be accomplished around but not limited to the following elements: light poles, fire hydrants, storm drains, existing trees and shrubs, steam lines and support poles, aircraft landing lights, fences, guy wires, and along the edge of roads, paths, jogging paths, parking lots, runways, buildings or any other site appurtenances.

10. REFUSE AND TRASH REMOVAL

General:

Refuse collected from Langley Research Center Facilities and subsequently deposited in various collection sites throughout LaRC, shall be collected and disposed of off Center the same day collected at the times and frequencies specified in exhibit JB-1. Refuse may consist of but not limited to: 33 gallon bags of trash, empty cardboard boxes, etc. The Contractor shall maintain Visitors Center Park, Activities Center grounds and cafeteria walk to ensure that they are clean and free of trash.

A. Burnable Refuse

Burnable refuse shall be collected from approximately 50 sites throughout the Center. (site locations subject to change) on a scheduled basis, as set forth in Exhibit JB-2. The collected refuse will be transported to the trash incinerator on located on Wythe Creek road the same day collected.

B. Boxed Trash and Privacy Act Materials

Boxed Trash and Privacy Act Materials shall be removed from pick-up points and transported to the trash incinerator located on Wythe Creek Rd.

C. Trash and Litter Collection and Disposal.

The Contractor shall collect and dispose of trash and litter in all grassed areas, plant and shrub beds, wooded areas, sidewalks, streets, ditches and curbs at the frequency specified in Exhibit JB-1. Trash and litter does not include natural vegetation, such as leaves, pine straw, and limbs. All trash and litter shall be disposed of off the center the same day as collected.

10.1 CLEANING SERVICES

A. Cleaning Grease Traps

Grease traps located at the NASA Cafeteria shall be cleaned, twice monthly, of all grease and other debris collected in the traps. All inlet piping shall be open and free of debris. Waste material collected shall be disposed of off the center the same day collected.

11. PEST CONTROL SERVICES

A. General Requirements

The Contractor shall provide services, materials and equipment to exterminate a wide variety of insects and pests throughout Langley Research Center. Pest include but not limited to: rodents, (both inside and on the immediate grounds), reptiles, cockroaches, swarming termites, flies, fleas, wasp/hornets/bees, ants, fruit flies, spiders, and other arthrododa from buildings, trailers and other structures. Bait formulations shall be used whenever possible for cockroach and ant control. When spray is necessary it shall be applied precisely to cracks and crevices and never to exposed surfaces. Fogging, of any type, shall be approved by the COTR prior to application. Rodent control inside Facilities shall be by trapping rather than rodenticide. The storage of pesticides on Government property is strictly prohibited. The majority of this work shall be performed after normal hours of operation.

The Contractor shall provide certification of all on-site personnel who perform pest control services. Certification shall include a minimum of 2 years of experience in the handling and application of pesticides and maintain a Pesticide Applicator Permit issued by the Virginia Department of Agriculture and Consumer Services. Applicator shall maintain certification in commercial categories 03, 12, 13, & 14. A record of all

applications shall be maintained by the Contractor. The record shall be available for review by the COTR.

B. Preventative Maintenance

Food preparation facilities (B-1213 Cafeteria, B-1222 Activities Center, and B-1202 Snack Bar) shall be treated on a bi-weekly schedule and in compliance with all Environmental Protection Agency regulator requirements governing Pesticide application in food handling areas. A schedule of the work shall be coordinated with, and acceptable to, the COTR to assure that all work shall be performed when access to the Facilities is a minimal nuisance to building occupants and allows non-hindrance to the Pest Control Applicator.

12. INDEFINITE QUANTITY WORK ITEMS.

Indefinite Quantity Work

The following items represent tasks that may be performed under the Indefinite Quantities portion of the contract indicated in the Schedule of Indefinite Quantity Work. The actual amount of work to be performed shall be determined by the Contracting Officer, who will issue written Delivery Orders to the Contractor using OPTIONAL FORM 347, ORDER FOR SUPPLIES OR SERVICES. Details of the work required will accompany the OPTIONAL FORM 347, giving exact location and type work to be accomplished. The Contractor shall be required to complete the required services within the time frames specified in Exhibit JB-3.

12.1 Emergency Service Work:

Any unscheduled work ordered under the Indefinite Quantity portion of the contract that is considered to pose a potential threat to health, safety, or Government property by the Contracting Officer shall be considered Emergency work. After receiving verbal notification from the Contracting Officer or the COTR, or upon receipt of a written Delivery Order from the Contracting Officer, the Contractor shall respond to all emergency work within two hours or sooner, and shall proceed until all work is completed. A written Delivery Order confirming the verbal notification will be issued to the Contractor within two working days.

12.2 Urgent Service Work:

Any unscheduled work ordered under the Indefinite Quantity portion of the contract that is not considered Emergency Service Work, but has a need to be accomplished before the normal time frame for routine work, shall be considered Urgent Work. After receiving verbal notification from the Contracting Officer or the COTR, or upon receipt of a written Delivery Order from the Contracting Officer, the Contractor shall respond to all Urgent

work within 24 hours and shall proceed until all work is completed. A written Delivery Order confirming the verbal notification will be issued to the Contractor within two working days.

13. Mowing

- (1). (RESERVED)
- (2). Maintenance level I Mowing: See 9.1
- (3). Maintenance level II Mowing: See 9.2
- (4). Maintenance Level III (Field Mowing): See 9.3
- (5). Raking and Leaf Gathering

Includes the raking and removal of leaves, pine straw and pine cones, limbs, and other debris from the designated area. All debris shall be disposed of off the center the day of collection.

- (6) Cultivate Plant Beds, Shrubs, Hedges, and Trees:

All plant beds, Shrubs, Hedges, and Trees shall be cultivated in accordance with the specifications in 9.1.C.

- (7) Mulch Plant Beds, Shrubs, Hedges, and Trees:

Trees, Shrubs, hedges, and flower beds shall be mulched with shredded hardwood or pine bark or nuggets provided by the Contractor and placed around all shrubs, hedges, and perennial flower beds, whether individual or massed. All other requirements for mulching are the same as specified in paragraph 9.1.D.

- (8). Ground Cover Maintenance: See 9.1.F.

- (9) Plant, Shrub, and Hedge Pruning.

A. General: See 9.1.E.

B. Severe Shrub pruning:

Severe pruning of shrubs shall consist of removal of all or major portion of the total growth of the shrub. The extent of pruning will be indicated by the Delivery Order, but generally shall consist of pruning large shrubbery to a level approximately one to three feet above ground level. Debris resulting from the pruning process shall be disposed off the activity the same day of pruning.

(10). Tree Pruning.

Trees shall be pruned in accordance with the following guidelines to selectively remove unwanted growth and encourage trees to grow or respond in a desired manner. Trees shall be pruned according to their natural growth habit to evenly form and balance the tree, to promote proper health and growth, to respond to damage inflicted by natural or human causes, and to prevent interference with pedestrian and vehicular traffic. All clippings and debris shall be removed and disposed of off Center the same working day. Pruning shall be accomplished in a manner so as to:

(1) Remove dead, damaged, or diseased wood, or structurally weak limbs that may cause a safety hazard or unsightly appearance.

(2) Remove branches that extend over buildings and endanger roofs, eaves, and windows, or hang within eight feet vertically of sidewalks, parking lots, and driveways.

(3) Remove growth of small trees in front of windows, over entrance ways or walks, and those which obstruct vision at street intersections.

(4) Remove sprouts which grow from the trunk. Remove sprouts to the height of the first major lateral limb.

(5) Branch stubs shall not be allowed. All branches shall be pruned back to the next major limb or the tree trunk. Pruning cuts shall be performed in a manner which leaves the branch collar exposed (with no stub beyond the branch collar).

(11). Tree Removal

Trees, their stumps, and above ground roots shall be removed to a depth of six inches below normal ground elevation. Stump removal operations shall avoid unnecessary soil excavation and ground disruption. All debris shall be disposed of off the center the day of removal. The stump hole and any other surface caused by removal shall be filled with topsoil, fertilized, raked, and seeded.

(12). Stump and above Ground Root Removal.

(i) Large Stump Removal: The Contractor shall remove undesirable tree stumps. A large stump shall be determined as having a diameter of 6 inches or more (as measured at up to 6 inches above ground). The stump shall be removed to a depth of at least 18 inches below grade using a stump grinder. For purposes of payment the stump size shall be determined in inches by measuring the diameter of the stump at the widest point of the stumps surface. After the stump removal operation is complete,

the Contractor shall fill voids with topsoil, and shall grade, seed, and fertilize area to match the existing lawn and grade levels.

(ii) Small Stump Removal: The Contractor shall remove undesirable tree stumps. A small stump shall be determined as having a diameter of less than 6 inches (as measured at up to 6 inches above the ground). The stump and roots shall be removed to a depth of at least 18 inches below grade by pulling or digging. After the stump removal operation is complete, the Contractor shall fill voids with topsoil, and shall grade, seed, and fertilize area to match the existing lawn and grade levels.

(13). Limb Removal(over 1" diameter):

Limb-removal shall be accomplished for the removal of broken, diseased, unwanted, or dying branches exceeding 1 inch in diameter, but will not involve pruning an entire tree. If climbing is necessary, only experienced workmen shall be used as climbers, and they shall have a safety belt or rope properly attached. Spurs will not be permitted for climbing trees.

(14). Shrub Removal:

The Contractor shall remove shrubs in their entirety. Shrubs shall be dug or pulled up. Places where shrubs have been removed from lawn areas shall be filled to grade with topsoil, seeded and fertilized to blend with the surrounding area.

(15). Ground Cover Removal:

The Contractor shall remove the ground cover in its entirety to a depth of not less than four inches deep, including all root systems. Ground cover shall be dug or pulled up. Voids where ground cover has been removed shall be filled to grade with topsoil.

(16). Mulch Removal:

Mulch shall be removed in its entirety from all planting beds ordered and disposed of off Center.

(17). Superfluous Growth Removal:

The Contractor shall remove all superfluous growth from the base and trunks of specified trees. The extent of growth removal shall include but not limited to:

a. Sucker growth shall be removed in its entirety from the area at the base of the tree without damage occurring to the tree.

b. Sappier growth shall be removed in its entirety from the area between the lower limbs and the base of the tree without damage occurring to the tree.

(18). Soil Removal:

Soil shall be removed to a depth as directed. Care shall be taken by the Contractor to avoid damage to any utilities, adjacent turf, or other Government property. The Contractor shall not be required to remove soil to a depth greater than 24 inches. Soil removal may include any existing grass, sod, or other vegetation in the immediate area of work.

(19). Vegetation Removal.

A. Vegetation removal shall consist of any portion growing above or below ground level, unless the direction is for not removing below the ground level. Vegetation that is unwanted or needs removal from the ground, can be but is not limited to grass, weeds, shrubs, vines, ivy, bulbs, etc. The areas of vegetation removal can include but not limited to planting beds, buildings, fences, trees, shrubs, paved areas, open ground, and any other appurtenances. If vegetation removal is performed in an area that has or should have a defined cut edge, the edge shall be redefined as part of the vegetation removal process. Care shall be taken by the Contractor to avoid damage to Government property when vegetation is being removed. Vegetation removal shall be stopped immediately if damage to Government property (i.e. fence, buildings, lawns) occurs, and the COTR shall be contacted immediately.

(1) Light vegetation removal shall be defined as a surface area having a maximum vegetation coverage of up to 30%.

(2) Medium vegetation removal shall be defined as a surface area having a vegetation coverage of more than 30% but less than 70%.

(3) Heavy vegetation removal shall be defined as a surface area having a maximum vegetation coverage of more than 70%.

B. Vegetation Trimming:

The Contractor shall trim all vegetation as directed by the Contracting Officer in areas that are not covered by the mowing process of this contract. Care shall be taken by the Contractor to avoid discharging grass clippings during the cutting process onto cars, streets, walks, shrub beds, or any other appurtenances. The Contractor shall remove all clippings the same day that removal is performed, or immediately when so directed by the Contracting Officer.

(20). Grassing.

Bare and slightly eroded areas (areas which vary in size from 10 to 1000 square feet and can be repaired with the placement of four inches or less of topsoil) shall be filled with topsoil, raked, fertilized, seeded, and watered to establish a healthy grassed covering. Establishment shall include providing the necessary care to firmly establish new grass growth. The Contractor shall water and otherwise care for new grassed areas sufficiently to ensure proper development. Grassed areas which die or fail to develop noticeable growth for a period of one year after seeding shall be re-grassed by the Contractor at no additional cost to the Government.

(21). Erosion Control

Soil erosion damage which shall be repaired by filling in washed out/bare areas with standard fill soil to within four inches of normal ground elevation. The soil shall be compacted in compliance with specifications established by the local Department of Agriculture soil conservation service for this geographical area. Top soil will then be placed to return the area to normal ground elevation; raked; fertilized; seeded; covered with straw, matting, or other material suitable to reduce the effects of erosion; and watered and otherwise cared for until grass is firmly established. Repaired areas on which grass dies or fails to develop noticeable growth, or which again erode within one year shall be repaired and re-grassed by the Contractor at no additional cost to the Government.

(22). Topsoil Placement:

Topsoil shall be placed to a depth requested. All topsoil shall conform to the specifications listed in paragraph 5.1.6 of this Statement of Work. The Contractor shall scarify subgrade to a depth of 2 inches for bonding of the topsoil to the subsoil. Topsoil shall be placed in increments of three inches and shall be rolled with a roller not to exceed 90 pounds for each foot of roller width. The Contractor shall not spread topsoil when frozen or excessively wet. The Contractor shall correct any irregularities in the finished surfaces to eliminate depressions, and shall protect finished areas from damage by vehicular or pedestrian traffic.

A. Topsoil Placement (with tilling): Topsoil shall be tilled into existing soil to the depth of at least 3 inches by plowing, disking, harrowing or other approved methods until thoroughly mixed. When conditions are such, by reason of drought, excessive moisture, or other factors, that satisfactory results are not likely to be obtained, the work will be stopped and shall be resumed only when directed. Any undulations or irregularities in

the surface shall be leveled that would interfere with further operations or maintenance.

(23) Seeding Lawns:

Seed shall be uniformly applied at the rate of 5 pounds per 1000 square feet. Seed shall be of the same type as existing grass, unless specified otherwise by the Contracting Officer.

(24). Fertilization

The Contractor shall furnish and uniformly apply 15 pounds per 1000 SF of 10-20-20 (N P K) analysis fertilizer as specified by Delivery Order. Fertilizer shall be granular, contain the specified amounts of nutrient elements (Nitrogen, Phosphorus and Potassium), and conform to federal Specification 0-F-241, Type 1, Class 2. Fertilizer shall be delivered to the site in the original, unopened containers bearing the manufacturer's chemical analysis, name, trade name, trademark, and indication of conformance to State and Federal laws. In lieu of containers, fertilizer may be furnished in bulk if accompanied by a certificate indicating the above information with each delivery. Fertilizer shall be applied only when grass blades are free of moisture. Ground cover plants and shrubbery beds shall be fertilized concurrently with lawn application, at the same rates. The Contractor's Work Schedule shall reflect planned fertilization dates.

(25) Fertilize Lawns:

Powered or granular fertilizer for existing lawns shall be uniformly applied, with 10-20-20 at 8 pounds per 1000 square feet. There shall be no deviation from this fertilizer type unless approved by the Contracting Officer.

(26) Fertilize Trees, Shrubs, Hedges and Ground Cover.

Fertilizer type shall be commercial time release 10-20-20. Fertilizer shall be placed a minimum of 15" from the trunk of trees, 12" from extended surface roots of trees, and 6" from the stem of all shrubs. Fertilize the entire area under the drip line starting from the trunk or stem out. Application rate of fertilizer for the trees shall be 2 pounds per inch of diameter. Diameter of each tree shall be determined by measuring one foot above ground. Application rate of fertilizer for hedges, shrubs and ground cover shall be 3 pounds per 100 square feet of planting bed.

(27) Vegetation Herbicide Application:

State and local regulatory compliance shall apply. The Contractor shall hold a valid state license or state certification for each category of pest control work involved. Any required state, county or local permits for possession, procurement, or use of any chemicals used under this contract shall be obtained at no additional expense to the Government.

(A) Rate of Application:

All chemicals shall be applied in strict accordance with the product's EPA or State registered labeling. All instructions or recommendations by the Contracting Officer's authorized representative and the manufacturer shall be accurately followed.

(B) Spraying Operations:

Chemical spraying shall be performed only on still days and will be delayed when unfavorable weather or other conditions exist which would unduly increase the hazard to personnel. Desirable vegetation damaged by the Contractor shall be repaired or replaced at no additional expense to the Government.

(C) Vegetation Herbicide:

Herbicide shall be applied as directed in the Delivery Order. Herbicide shall be used on undesirable vegetation. Following the kill of the undesirable vegetation, the Contractor shall immediately remove all dead vegetation.

(D) Herbicide Inspection:

If at the end of the manufacturer's recommended allowable time for a product's ability to kill the vegetation has not achieved at least a minimum kill of 90 percent, the Contractor shall re-perform the work at no additional cost to the Government.

(E) Broadleaf Weed Control For Lawns:

Rate of application for broadleaf weed control shall be as recommended by the manufacturer. A kill rate of 85% of all broadleaf weeds shall be accomplished three weeks after application. This shall be determined by choosing random locations in the area of applications measuring approx. 10' X 10' and noting the percentage of visible broadleaf weeds which remain. If the above kill percentage of broadleaf weeds is not achieved, the Contractor shall re-apply the broadleaf weed control as many times as required to achieve the required percentage of kill. Any required re-application shall be at no additional cost to the Government.

(28) Transplant Trees, Shrubs and Ground Cover

Trees, shrubs and ground cover (referred to below as "plants") shall be transplanted by the Contractor as directed in each specific Delivery Order. The work includes preparation of the bed, fertilizing, mulching, and setting the plants. Where planting beds occur in existing turf areas, the Contractor shall remove the turf to a depth that will ensure the removal of the entire root system. Depth of pits shall be measured from finished grade. Depth of excavation shall provide a proper relationship between top of root ball and finished grade. The Contractor shall protect existing adjacent turf before excavations are made. Any damage to existing turf shall be repaired to the satisfaction of the Contracting Officer at no additional cost to the Government. For balled-and-burlapped plants or container grown plants with balls or containers less than 12 inches in diameter, the Contractor shall excavate pits at least 16 inches larger in diameter and deep enough so that the root balls or container is even to the existing surface grade. For balled-and burlapped plants or container grown plants with root balls or containers greater than 12 inches in diameter, the Contractor shall excavate pits at least 24 inches larger in diameter and seep enough so that the root ball or container is even to the existing surface grade. For trees, the Contractor shall excavate pits at least 36 inches larger in diameter and deep enough so that the root ball or spread of the root system is even to the existing surface grade. The Contractor shall build an earth saucer for all trees. All planting pits and planting beds shall be filled with planting soil mixture as specified. All plants shall be fertilized as specified herein. See paragraph 13.(26) for application rates of fertilizer and procedures. All trees shall be staked as specified. Beds of individual plants or plant groupings shall be uniformly edged to provide a clear cut division line between planted area and adjacent lawn. The Contractor shall form bed shapes as indicated or directed, and shall make individual plant pits circular in shape. All plant stakes, tie wires, and existing mulch shall be removed by the Contractor one year after planting. The plant pit shall be graded to the existing grade, fertilized and seeded to match the surrounding lawn areas. (see Exhibit JB-8 for Planting Diagram.)

(29) Lawn Repair

The work includes scarifying or turning over existing ground placing topsoil, rough grading, fine grading, seeding and fertilization as required for the repair of damaged lawn areas. Lawns repaired shall match the existing lawn area around the affected area. The following work shall apply:

a. Placing Topsoil For Lawn repair

Topsoil shall be placed in increments of 3 inches and

shall be rolled with a roller not to exceed 90 pounds for each foot of roller width.

b. Preparation of Existing Lawns For Lawn Repair

If topsoil is not required, the existing lawn areas shall be scarified to a depth of one inch prior to application of seed and fertilizer.

c. Fertilization For Lawn Repair

Following scarification of soil, fertilizer shall be applied at 15 pounds per 1000 square feet of 10-20-20.

d. Seeding for Lawn Repair

Following scarification and fertilization, seed matching the surrounding lawns shall be applied, at the rates as established herein.

(30) Underbrushing. (Clear Cutting)

All brush, weeds, and small trees (three inches and below in diameter at ground level) shall be cut back to within one inch of ground level, removed from the site, and disposed of off the Center.

(31) Tree and Shrub Establishment.

All plantings shall be Contractor provided and established. Establishment shall include providing necessary care to firmly establish the new plantings. Planting procedures shall be in accordance with accepted nursery standards. The Contractor shall water and otherwise care for new plants sufficiently to ensure proper development. All plants which die or fail to develop noticeable growth within one year of planting, shall be replaced by plants of like size and type by the Contractor at no additional cost to the Government.

(1) Trees. Trees established shall be of the type or species as specified in the delivery order, with trunk diameters (measured 4.5 feet up from the ground) of at least 3 inches. Trees shall be planted in accordance with accepted nursery standards, including fertilization, mulching, and watering. Trees shall be guyed and staked in at least three directions.

(2) Shrubbery. Shrubbery ordered shall be shrubs of the three gallon class size and of the same species and type as established or as per Delivery Order. Shrubs shall be planted in accordance with accepted nursery standards, including fertilization, mulching, and watering.

14. PEST CONTROL

The Contractor shall provide the services, materials and equipment to exterminate a wide variety of insects and pests, i.e., cockroaches, water bugs, ants, flies, fleas, mites, silverfish, lice, rodents, reptiles, swarming termites, wasps/hornets/bees, and other arthropoda from buildings, trailers, and other structures; Post-construction treatment of wood infesting insects/organisms to control/eradicate populations; Services requiring space fogging/fumigation; Odor control from smoke, decaying matters, etc.

A. General Service Calls

The Contractor shall respond to general service calls for pest control service from facilities throughout Langley Research Center. A delivery order detailing the work will be issued by the Government. Request for immediate service shall be verbal with a delivery order being issued to the Contractor within two working days. All specifications and requirements herein shall apply to this requirement.

B. WOOD INFESTING INSECTS

The Contractor shall be required to inspect and treat facilities for wood infesting insects. Treatment applications shall be in accordance with acceptable standards of the Pest Control Industry and the Virginia Department of Agriculture and Consumer Services. Fumigation shall not be permitted. A delivery order will be issued by the Government detailing work requirements.

C. ANIMAL CONTROL

The Contractor shall capture and remove animals from facilities through-out LaRC. Live traps and other methods shall be used in this process to remove animals without harm. Captured wild animals shall be removed from the facilities and returned to the wild; domestic animals shall be transported to local animal shelter. Dead animals shall be properly disposed of off Center. Specific types or breed of animal shall be specified by Delivery Order. Each animal control incident shall be documented. The record shall include the location, date, time, requester, type/species of animal and disposition. A copy of the record shall be forwarded to the COTR monthly.

D. BIRD CONTROL

The Contractor shall provide services, materials and equipment to control various types of birds throughout LaRC. Services shall include but not be limited to removal of roosting areas, treatment of areas to prevent reoccurrence of roosting, collection and disposal of bird remains, cleaning bird excrement from facilities and grounds. All methods of bird control shall be

approved by the Contracting Officer prior to implementation. The Contractor shall maintain a record of all bird control applications including the type of control used, date, building, requester and any additional data required by regulatory agencies. A copy of the record shall be forwarded to the COTR monthly.

15. MISCELLANEOUS REQUIREMENTS

15.1 SANDBAGGING

The Contractor shall be required to fill, transport and place sandbags to control high-water, around facilities located in the east and west areas of Langley Research Center during periods flooding and high tides resulting from storms, hurricanes, etc. Sandbagging shall be performed on the east and west areas of LaRC. After the water subsides, sandbags shall be collected and returned to the Contractor's designated storage area. The Contractor shall collect and dispose of vegetation, trash, drift wood, cans, bottles and other debris deposited due to storms, high-water etc.

15.2 BARRICADES

The Contractor shall be required to transport barricades, by truck, from the Contractor's storage facility, to site locations through-out LaRC. Barricades shall be positioned or placed as needed for the management and control of special events, maintenance activities, traffic control or other occasions as ordered. Barricades shall be collected and returned to the Contractor's storage facility. Barricade collection shall be considered a part of the initial request for barricade support.

16. CLEANING SERVICES

The Contractor shall provide the necessary services to perform the cleaning of ditches, catch basins, utility tunnels, skimming basins, septic tanks and grease traps. Additional cleaning services such as, but not limited to, street sweeping and the removal of oil and grease saturated soil or gravel. Spoils from this clean-up shall be packaged for disposal. New soil or gravel shall be installed to replace that which was removed.

(1) Ditch Cleaning.

Vegetative growth in drainage ditches shall be cut to a height of 2 inches on bottom and sides. All wood and brush cuttings, trash, and debris shall be removed and disposed off the Center the same day of cleaning. Mouths of ditches, inlets, and outlets shall be cleared of sediment, vegetation, and debris to allow unrestricted flow of water. Where ditch bottoms are paved, all

mud and debris shall be removed from the paved surface and disposed off the Center the same day of cleaning. Where ditch bottoms are not vegetated and have intermittent water flow, woody and aquatic vegetation shall be removed or chemically treated. Approved herbicides for vegetation control will be permitted.

(2) Sweeping Pavement

Pavement Sweeping shall include but not limited to the removal from the surfaces being swept all sand, dirt, gravel, grass, trash or other debris encountered. The materials collected shall be disposed of the same day collected.

(3) Septic Tank Cleaning

All septic tanks and holding tanks shall be pumped and cleaned of debris and solid waste in accordance with acceptable industry standards. Tanks, traps and drain lines associated with this requirement shall be free of blockage. A flow test shall be performed. All waste shall be disposed off the Center in accordance with all applicable local, State and Federal laws.

(4) Cleaning Grease Traps

Grease Traps shall be cleaned and free of solids, grease accumulations and all other matter. All drain lines shall be free of blockage and a free flow test performed. All waste material collected shall be disposed off center the same day as collected.

(5) Utility Tunnel Cleaning

The four underground walk through tunnels (Approx. 2.2 miles) shall be cleaned as specified in the Delivery Order. Cleaning shall consist of the sweeping and removal of all dirt, bottles, cans, paper or any other type of debris that might be encountered. Dirt removal shall include the washing of the tunnel floor to remove accumulations of dirt or sediment. The materials collected shall be disposed of the same day collected.

(6) Cleaning Catch Basins

Catch basins shall be cleaned of all oil, leaves, trash, or other debris that has accumulated. All drain lines to and from the basin shall be free of blockage and open to drain freely. All materials shall be disposed of the same day collected.

17. EXCAVATION SUPPORT

17.1 The Contractor shall provide the equipment and personnel to perform mechanical and manual excavation operations throughout LaRC. Excavations shall include but not limited to:

a. Excavation - Utility System Repairs

Excavations shall be performed as required to accommodate repairs or replacement of under ground utilities, i.e. water valves, water main breaks, sanitary lines, installation of fire hydrants and installation of facility drain pipes. Repairs to parking lots, sidewalks and the installation of concrete aprons shall require surface excavation. All work will be specified by Delivery Order.

b. Exploratory Excavation

Exploratory excavations shall be performed to verify the location of existing underground utilities or other objects. Work will be specified by Delivery Order.

18. NON-BURNABLE REFUSE

Non-burnable refuse not acceptable to the incinerator, (i.e., wood crates, tree branches, non-usable dirt/gravel, building materials, stumps etc.) and not covered under grounds maintenance operation plan, shall be transported off the center to the local landfill. Such refuse shall be stored at an on-site location designated by the COTR, and transported to the landfill only in full truck loads.

19. LABOR AND MATERIAL

A. Labor and Material work is work items of a one time or specific nature that can not be identified in sufficient detail to be included as a unit price task. Such work includes, but is not limited to: moving and setting of parking bumpers, storm clean-up, and the movement of topsoil, debris, etc. from one location to another on the Center. Written estimates with all supporting documentation, including labor hours, material price quotes and all calculations shall be submitted to the Contracting Officer within three working days of request for approval. The Contractor estimates will be evaluated to determine if: (1) the scope has been clearly and accurately identified; (2) material estimates are reasonable and properly documented; (3) unit price work has been estimated using the unit prices that were bid, and (4) the estimated completion date is acceptable to the Government. Estimates which are deficient will be returned to the Contractor for revision. The labor and material work will be issued to the Contractor on a Delivery Order with an attached copy of the approved estimate and will be the basis of payment for the work described in the Delivery Order.

(1) Labor

The Contractor shall prepare an independent estimate of the labor hours based on the latest wage determination for the required trade. Other estimating methods may be mutually agreed upon for use in determining estimated labor hours. The rate shall include all overhead, profit, and all other direct and indirect costs.

(2) Materials:

The Contractor shall prepare an independent estimate of the material costs associated with the requested work. The estimate shall be detailed to include the name of materials, size, quantity, number of units and the unit prices. Material prices shall be the lowest price available considering the availability, quality specified and the time constraints on the job. The Contractor shall submit at least two competitive vendor quotes with his estimate from vendors regularly engaged in the supply of like materials. The Government will only pay the lowest price for the materials as determined by the vendors quotes, or should the Government locate a supplier having a lower price considering the factors of delivery time, availability and quality, the Government will pay that price rather than the lowest price rather than the lowest price submitted by the Contractor. The Contractor will be given the name of this supplier, but has the option of using any supplier he wishes. However, he will be paid only the lowest approved price. The Contractors costs are to include all shipping, handling, and taxes that apply. Additional reasonable costs associated with the delivery of materials may be allowed if the materials are not available locally and have to be procured outside a 50 mile radius of the area of work, and is approved by the Contracting Officer prior to purchasing.

B. Changes to the Scope of Work:

If during the course of work the Contractor encounters unforeseen conditions which impact the work and which could not be evaluated during the initial estimating procedures, the Contractor shall not proceed without Contracting Officer authorization. The Contracting Officer will direct the Contractor to (1) estimate the change of scope for the unforeseen condition only, or (2) prepare a new estimate for the total job as revised. The Contracting officer will, after review and approval of the estimate, (1) issue a Delivery Order modification for the change of scope only, or (2) cancel the original Delivery Order and issue a new Delivery Order for the total job as revised.

CONTRACT EXHIBIT A - STATEMENT OF WORK

LIST OF EXHIBITS

EXHIBIT JB-1	ANNUAL MAINTENANCE PLAN
EXHIBIT JB-2	TRASH COLLECTION SCHEDULE
EXHIBIT JB-3	COMPLETION TIME REQUIREMENTS
EXHIBIT JB-4	GOVERNMENT FURNISHED FACILITIES
EXHIBIT JB-5	DELIVERY ORDER FORM 347
EXHIBIT JB-6	(RESERVED)
EXHIBIT JB-7	(RESERVED)
EXHIBIT JB-8	PLANTING DIAGRAMS

Exhibit JB-1

ANNUAL GROUNDS MAINTENANCE PLAN													
DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC	TOTALS
	Occurrences												
Maint. Level I Mowing	0	0	2	4	4	4	4	4	4	2	0	0	28
Maint. Level II Mowing	0	0	1	2	2	2	2	2	2	1	0	0	14
Maint. Level III Mowing	0	0	0	1	1	1	1	1	1	1	0	0	7
Edging	0	0	1	1	1	1	1	1	1	1	1	0	9
Cultivate Plant Bed	0	0	0	1	0	1	0	1	0	1	0	0	4
Mulch Plant Bed	0	0	0	0	1	0	0	0	0	1	0	0	2
Plant, Shrub & Hedge Pruning	0	0	0	0	1	0	0	1	0	0	1	0	3
Ground Cover Maintenance	0	0	0	1	0	1	0	1	0	1	0	0	4
Refuse and Trash Removal:													
(1) Burnable Refuse	20	20	21	21	21	21	21	21	21	21	21	21	250
Trash & Litter Collection	4	4	4	4	4	4	4	4	4	4	4	4	48
Pest Control Service:													
(1) Preventive Maintenance	2	2	2	2	2	2	2	2	2	2	2	2	24
Cleaning Grease Traps	2	2	2	2	2	2	2	2	2	2	2	2	24

**LANGLEY RESEARCH CENTER
TRASH REMOVAL SCHEDULE
EXHIBIT JB-2**

DATE: _____

TOTAL BAGS: _____

START TIME: _____

COMPL. TIME: _____

SCHEDULE

11:30 A.M.	12:00 P.M.	12:30 P.M.	1:00 P.M.
Bags/Bldg.	Bags/Bldg.	Bags/bldg	Bags/Bldg.
_____ 1300	_____ 1267	_____ 1192C	_____ 1224T
_____ 648	_____ 1238	_____ 1248	_____ 1222
_____ 644	_____ 1225	_____ 1247	CHECK CANS
_____ 641	_____ 1220	_____ 1265	(M-W-F)
_____ 583	_____ 1177	_____ 1256	_____ 1200
_____ 643		_____ 1221	_____ 1190 (W)
			_____ 1189
			_____ 1191
			_____ 1198
			_____ 1188

1:30 P.M.	2:00 P.M.	2:30 P.M.	3:00 P.M.
Bags/Bldg.	Bags/Bldg.	Bags/Bldg.	Bags/Bldg.
_____ 1197	_____ 1209	_____ 1153	_____ 1229
_____ 1155	_____ 1208	_____ 1213-CHECK	_____ 1244
_____ 1270	_____ 1251	_____ 1215-CANS	_____ 1230
_____ 1283	_____ 1250	_____ 1205	_____ 1130T
_____ 1299T	_____ 1216	_____ 1146	_____ 1231
_____ 1202	_____ 1212	_____ 1241	_____ 1206
CHECK AREA CANS	_____ 1201	_____ 1236	_____ 1169
_____ 1299		_____ 1293	
_____ 1298		_____ 1228	

REMARKS: _____

COMPLETION TIME REQUIREMENTS		
JB-3		
ITEM NO.	CONTRACT REQUIREMENTS (Indefinite Quantity)	ALLOWED COMPLETION TIME
002A	Maint. Level I Mowing	3 Workdays
002B	Maint. Level II Mowing	3 Workdays
002C	Maint. Level III Mowing	3 Workdays
002D	Raking & Leaf Gathering	5 Workdays
Cultivation		
002E	Cultivate Plant Bed	3 Workdays
002F	Cultivate Shrubs	3 Workdays
002G	Cultivate Hedges	3 Workdays
002H	Cultivate Ornamental Trees	3 Workdays
Mulching		
002I	Mulch Plant Bed	15 Workdays
002J	Mulch Shrubs	15 Workdays
002K	Mulch Hedges	15 Workdays
002L	Mulch Ornamental Trees	15 Workdays
002M	Ground Cover Maint.	5 Workdays
002N	Prune Shrubs	5 Workdays
002O	Prune Hedges	5 Workdays
Prune Trees		
002P	Shade Tree Pruning (1" - 6" Dia.)	5 Workdays
002Q	Shade Tree Pruning (6" and above)	5 Workdays
002R	Ornamental Tree Pruning (1" - 6" Dia.)	5 Workdays
002S	Ornamental Tree Pruning (6" and above)	10 Workdays

COMPLETION TIME REQUIREMENTS		
JB-3		
ITEM NO.	CONTRACT REQUIREMENTS (Indefinite Quantity)	ALLOWED COMPLETION TIME
Tree Removal		
002T	Up to 1" Diameter	5 Workdays
002U	1 1/8" to 3" Diameter	5 Workdays
002V	3 1/8" to 6" Diameter	10 Workdays
002W	6 1/8" to 12" Diameter	15 Workdays
002X	12" and above Diameter	15 Workdays
002Y	Large Stump Removal (Over 6" Diameter)	15 Workdays
002Z	Small Stump Removal (6" or Less)	5 Workdays
002AA	Limb Removal (Over 1" Diameter)	3 Workdays
002AB	Shrub Removal	5 Workdays
002AC	Ground Cover Removal	5 Workdays
002AD	Mulch Removal	5 Workdays
002AE	Superfluous Growth Removal	5 Workdays
002AF	Soil Removal	10 Workdays
002AG	Light Veg. Removal	3 Workdays
002AH	Medium Veg. Removal	4 Workdays
002AI	Heavy Veg. Removal	5 Workdays
002AJ	Vegetation Trimming	5 Workdays
002AK	Vegetation Trimming	5 Workdays
002AL	Grassing	3 Workdays
002AM	Seeding	10 Workdays

COMPLETION TIME REQUIREMENTS		
JB-3		
ITEM NO.	CONTRACT REQUIREMENTS (Indefinite Quantity)	ALLOWED COMPLETION TIME
002AN	Erosion Control	5 Workdays
002AO	Topsoil Placement	10 Workdays
Fertilization		
002AP	Fertilize Lawns	5 Workdays
002AR	Fertilize Trees	5 Workdays
002AS	Fertilize Shrubs	5 Workdays
002AT	Fertilize Hedges	5 Workdays
002AU	Fertilize Ground Cover	5 Workdays
002AV	Veg. Herbicide Application (LF)	3 Workdays
002AX	Veg. Herbicide Application (SF)	5 Workdays
002AY	Broad Leaf Weed Control Application	15 Workdays
Transplant Trees		
002AZ	Up to 2" Diameter	5 Workdays
002BA	2 1/8" to 4" Diameter	5 Workdays
002BB	4 1/8" to 6" Diameter	10 Workdays
Transplant Shrubs		
002BC	1' - 3'	5 Workdays
002BD	3' - 6'	5 Workdays
002BE	Over 6'	5 Workdays
002BF	Transplant Ground Cover	5 Workdays
002BG	Lawn Repair	10 Workdays
002BH	Under Brushing (Clear Cut)	5 Workdays

COMPLETION TIME REQUIREMENTS		
JB-3		
ITEM NO.	CONTRACT REQUIREMENTS (Indefinite Quantity)	ALLOWED COMPLETION TIME
Tree Establishment		
002BI	Plant Tree (12' - 14' Ht.) (2 1/2" - 3" Dia.)	5 Workdays
002BJ	Plant Tree (14'1" - 16' Ht.) (3" - 6" Dia.)	5 Workdays
Shrub Establishment		
002BK	Plant Deciduous Shrub (2 1/2' - 3' Ht.)	5 Workdays
002BL	Plant Deciduous Shrub (3'1" - 4' Ht.)	5 Workdays
002BM	Plant Evergreen Shrub (2 1/2" - 3' Ht.)	5 Workdays
002BN	Plant Spreading Evergreen Shrub (1 1/2' - 2' Ht.)	5 Workdays
002BO	Plant Broadleaf Evergreen Shrub (1 1/2' - 2 1/2' Ht.)	5 Workdays
002BP	Plant Broadleaf Flowering Evergreen Shrub (1 1/2' - 2 1/2' Ht.)	5 Workdays
Pest Control		
002BQ	Pest Control Service Calls	See Below:
	Wood Infesting Insects	3 Workdays
	Animal Control	1 Workday
	Bird Control	2 Workdays
002BR	Sandbagging	As Required
002BS	Barricades	As Required
Cleaning Services		
002BT	Cleaning Ditches	5 Workdays
002BU	Cleaning Septic Tank	1 Workday
002BV	Cleaning Grease Trap	1 Workday
002BW	Cleaning Utility Tunnels	30 Workdays

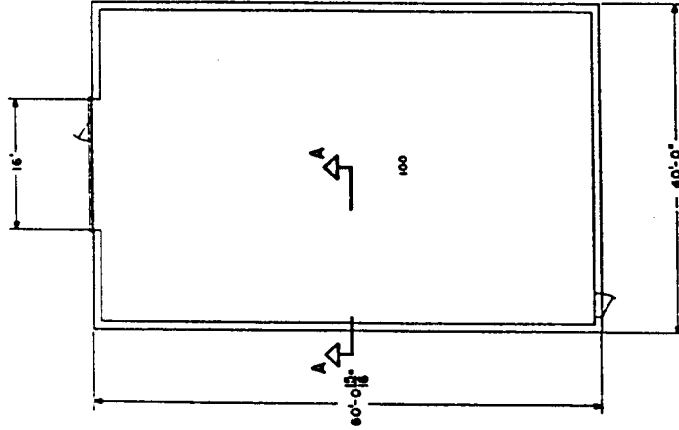
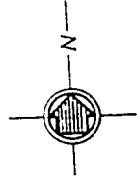
COMPLETION TIME REQUIREMENTS		
JB-3		
ITEM NO.	CONTRACT REQUIREMENTS (Indefinite Quantity)	ALLOWED COMPLETION TIME
002BX	Cleaning Catch Basins	3 Workdays
002BY	Sweeping Pavement	15 Workdays
002BZ	Excavation - Utility System Repairs	5 Workdays
002CA	Exploratory Excavation	5 Workdays
002CB	Non-Burnable Refuse Removal	2 Workdays
002CC	Misc. Labor	2 Workdays
002CD	Material (not elsewhere specified)	2 Workdays

EXHIBIT JB-4

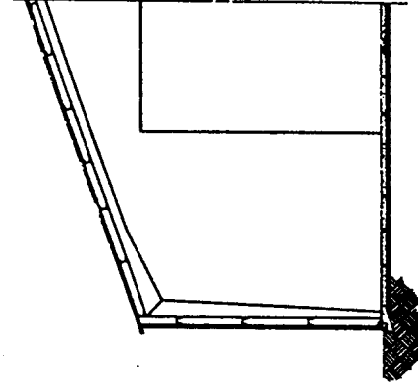
GOVERNMENT FURNISHED FACILITIES

Office and Equipment storage areas will be provided to the Contractor as designated on attachment 1 and 2 of this exhibit.

WALL
L-20-20-20



FLOOR PLAN
2,403 SQ. FT.



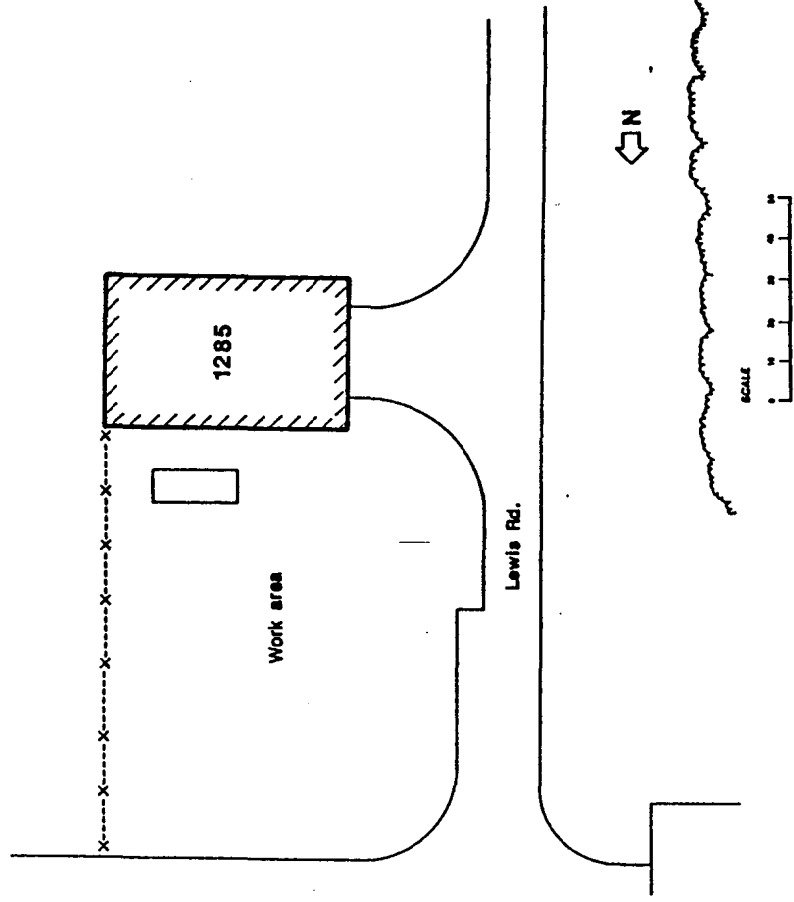
SECTION A-A

REVISED 22 APRIL 68 - TWC
J.S. HILGREN WAA 1780

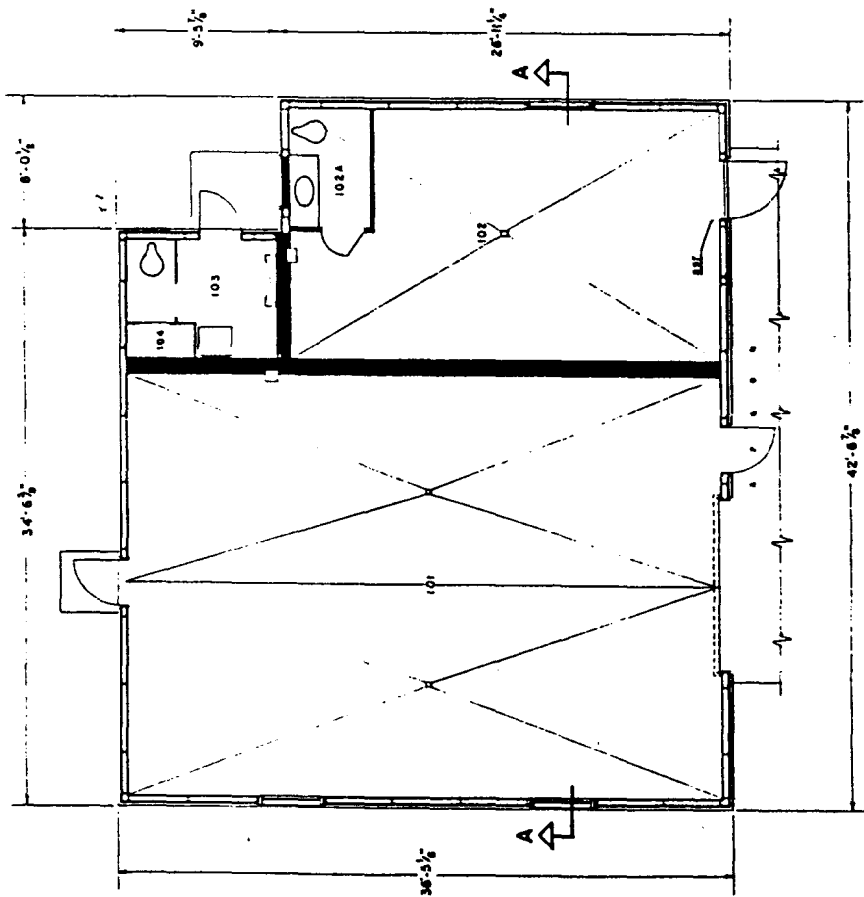
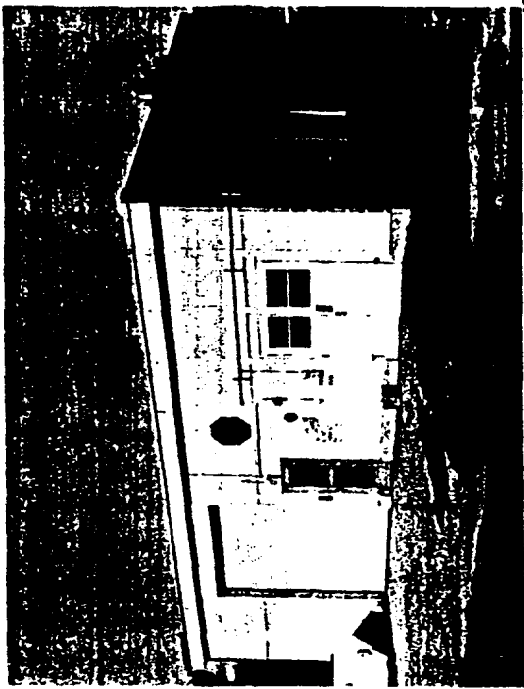
LANGLEY RESEARCH CENTER W
GROUNDS SUPPORT EQUIPMENT BUILDING
FACILITY NO. 1285

FACILITY: 1285 - GROUND SLIPP EQUIPMENT STORAGE FAC.
 NASA CODE: 219-10 - MAINT SHOP
 GENERAL LEDGER: 1821 - BUILDING
 GSA CODE: 80 - SERVICE
 CONSTRUCTED: 1972

ROOM TYPE	ROOM DESCRIPTION	ROOM AREA	OWNER CODE
100	8 STORAGE	2280	57700
TOTAL USABLE SQ FT -		2280	



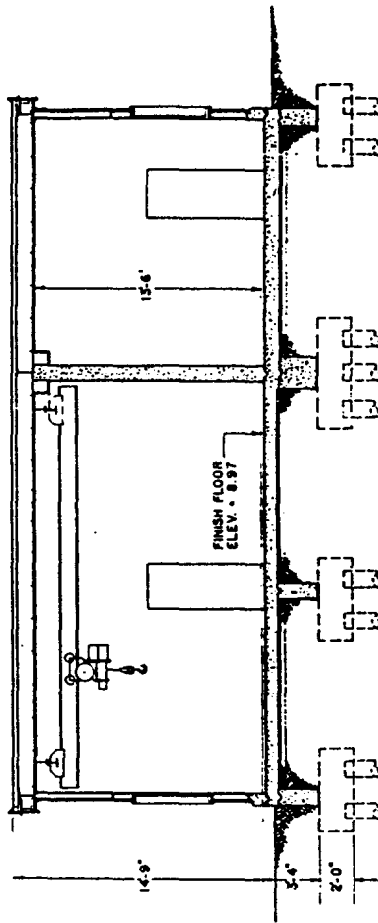
MAN
L-70-003



FLOOR PLAN
1,474 SQ. FT.

GRAPHIC SCALE
0 5' 10'

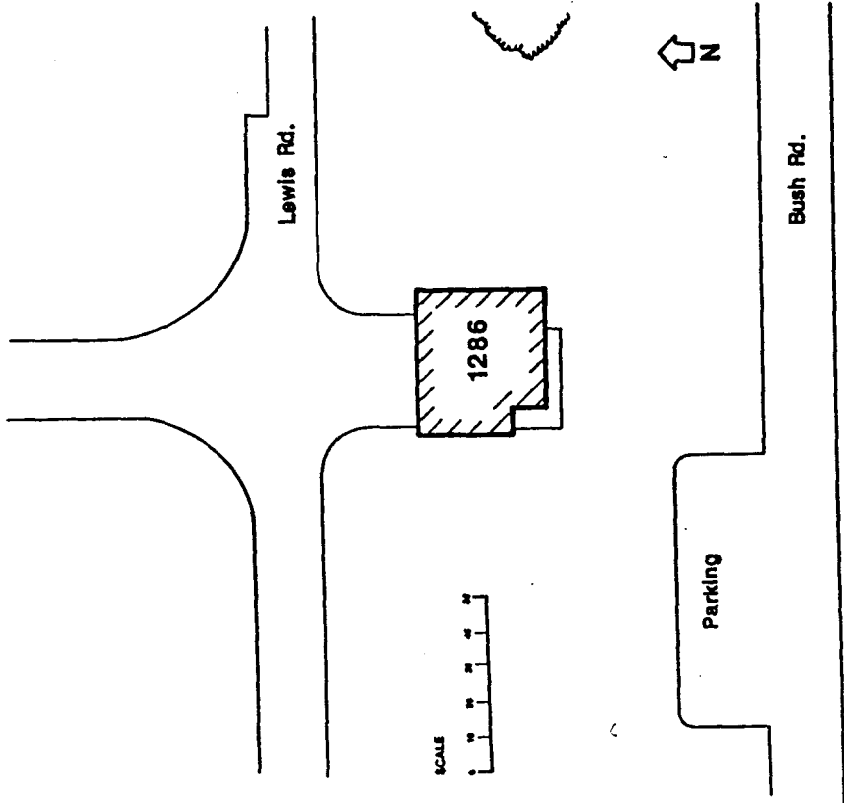
ORIGINAL CONSTRUCTION 1960



SECTION A-A

REVISED 20 APRIL 2004 - PRC
24 MARCH 1960 - TMD

LANGLEY RESEARCH CENTER	W
GROUND MAINTENANCE (CONTRACTOR REPAIR SHOP)	
FACILITY NO. 1286	



FACILITY: 1286 - GROUND MAINT REPAIR SHOP (CONTR)

NASA CODE: 218-10 - MAINT SHOP

GENERAL LEDGER: 1821 - BUILDING

CSA CODE: 80 - SERVICE

CONSTRUCTED: 1960

ROOM TYPE	ROOM DESCRIPTION	ROOM AREA	OWNER CODE
101	7 SHOP	903	87700
102	7 SHOP	358	87700
102A	8 MISCELLANEOUS	34	P7888
103	8 MISCELLANEOUS	58	P7888
104	8 MISCELLANEOUS	8	P7888
TOTAL USABLE SQ FT -		1289	

ORDER FOR SUPPLIES OR SERVICES

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER	2. CONTRACT NO. (If any)	3. ORDER NO.	4. REQUISITION/REFERENCE NO.
5. ISSUING OFFICE (Address correspondence to:) Acquisition Division NASA Langley Research Center Hampton, VA 23681-0001		6. SHIP TO: (Consignee and address, ZIP Code) NASA Langley Research Center Hampton, VA 23681-0001	

7. TO: CONTRACTOR (Name, Address and ZIP Code)	8. TYPE OF ORDER <input type="checkbox"/> A. PURCHASE — Reference your _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheets, if any, including delivery as indicated. This purchase is negotiated under authority of: <input type="checkbox"/> B. DELIVERY — Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above referenced contract.
--	--

9. ACCOUNTING AND APPROPRIATION DATA	10. REQUISITIONING OFFICE
	11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> SMALL <input type="checkbox"/> OTHER THAN SMALL <input type="checkbox"/> DISADVANTAGED <input type="checkbox"/> WOMEN OWNED

12. F.O.B. POINT	14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	16. DISCOUNT TERMS
13. PLACE OF INSPECTION AND ACCEPTANCE: NASA Langley Research Center			

17. SCHEDULE (See reverse for Rejections)						
ITEM NO. (A)	SUPPLIES OR SERVICES (B)	QUANTITY ORDERED (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)	QUANTITY ACCE (G)

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT	19. GROSS SHIPPING WEIGHT	20. INVOICE NO.	17(H). (Cont.)
	21. MAIL INVOICE TO: (Include ZIP Code) NASA Langley Research Center, Financial Management Division, Mail Stop 175 Hampton, VA 23681-0001			17(I). TOTAL

22. UNITED STATES OF AMERICA BY (Signature)	23. NAME (Typed) TITLE: CONTRACTING/ORDERING OFFICER
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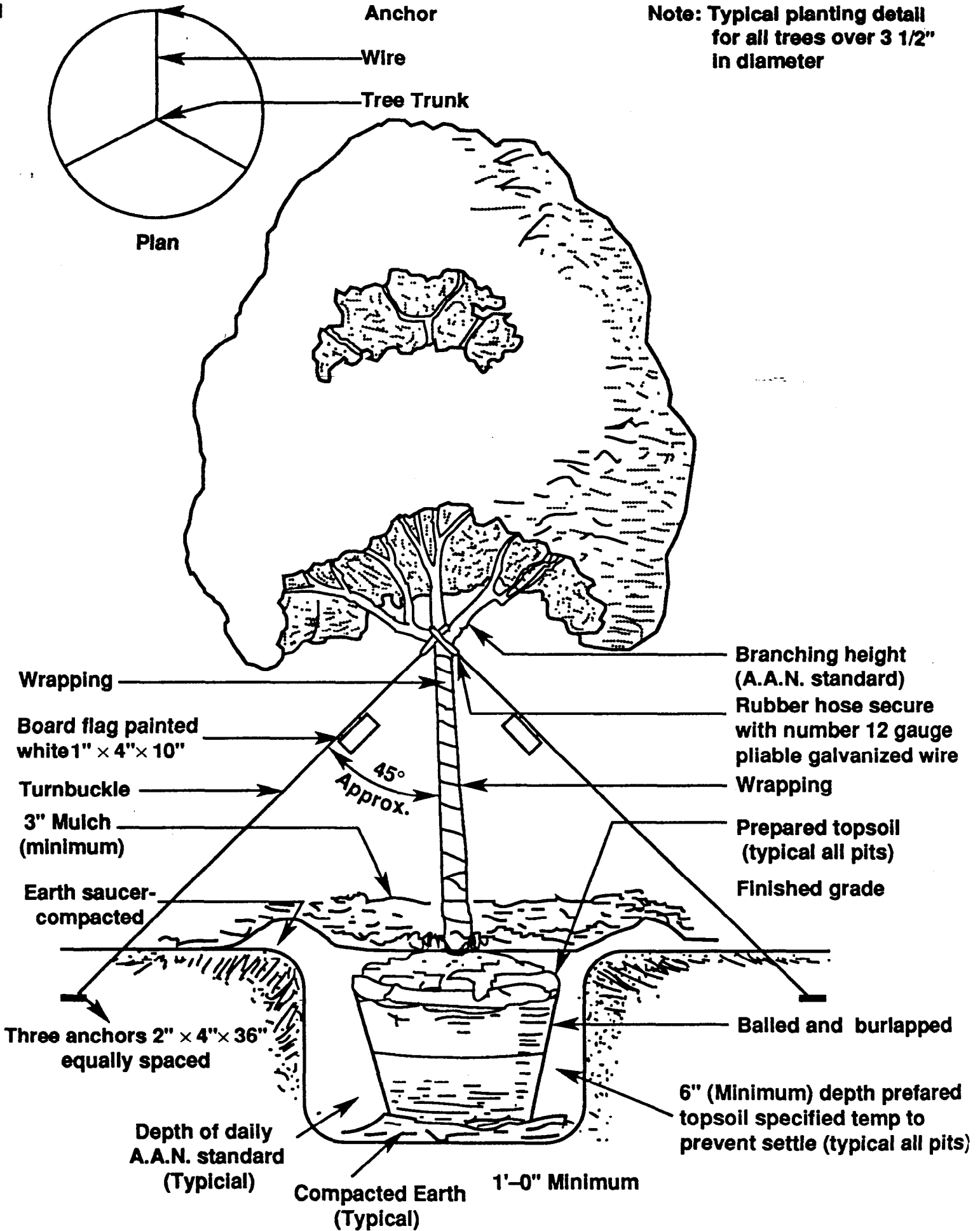
PLANTING DETAILS

SKETCH NUMBER

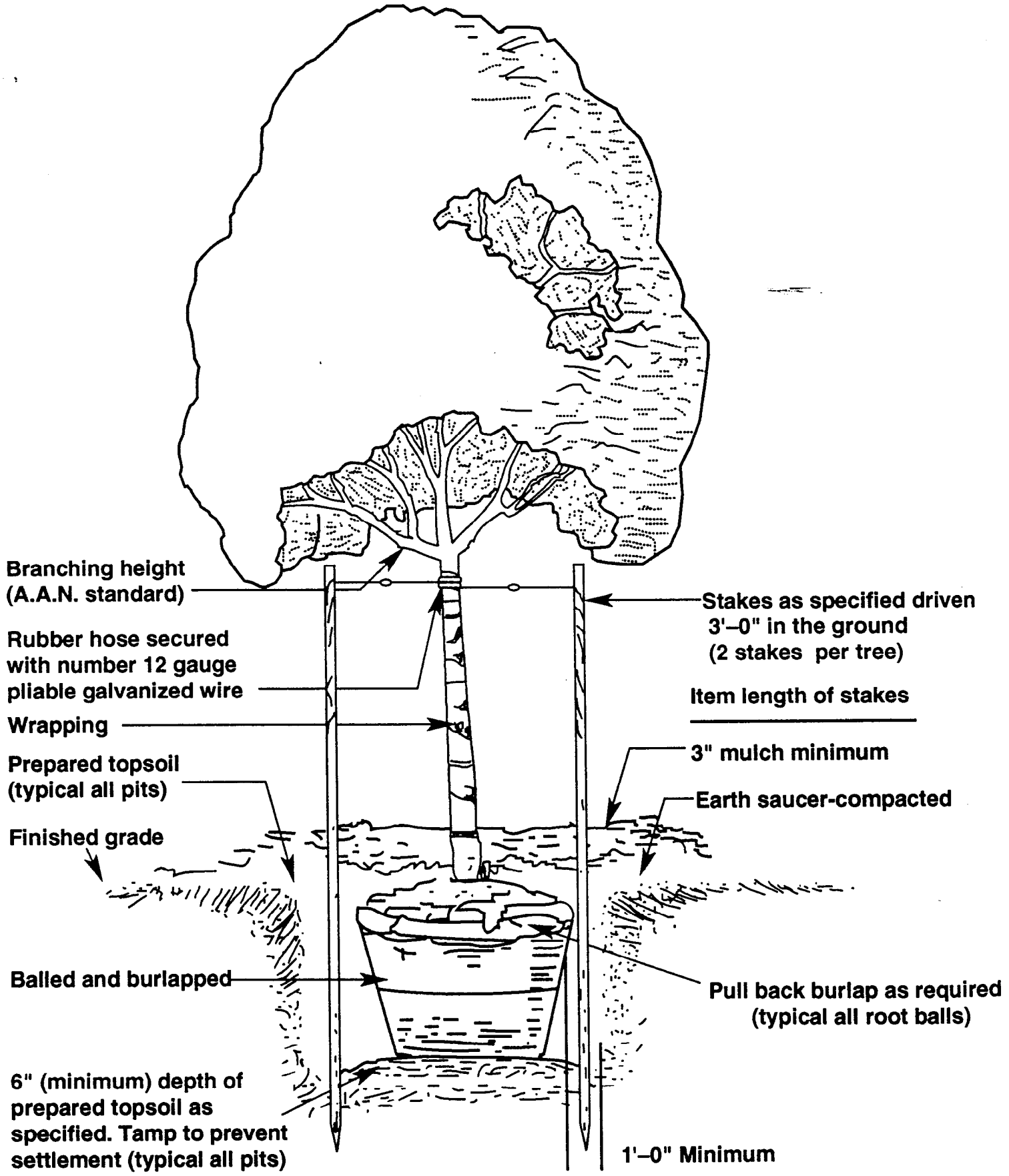
DESCRIPTION

- | | |
|----------|--|
| 1 | Typical planting detail for all trees over 3 1/2" in diameter. |
| 2 | Typical planting detail for all pines and trees under 3 1/2" in diameter. |
| 3 | Typical planting detail for all flowering trees. |
| 4 | Typical planting details for all shrubs |
| 5 | Typical detail for all ground cover. |

Note: Typical planting detail for all trees over 3 1/2" in diameter



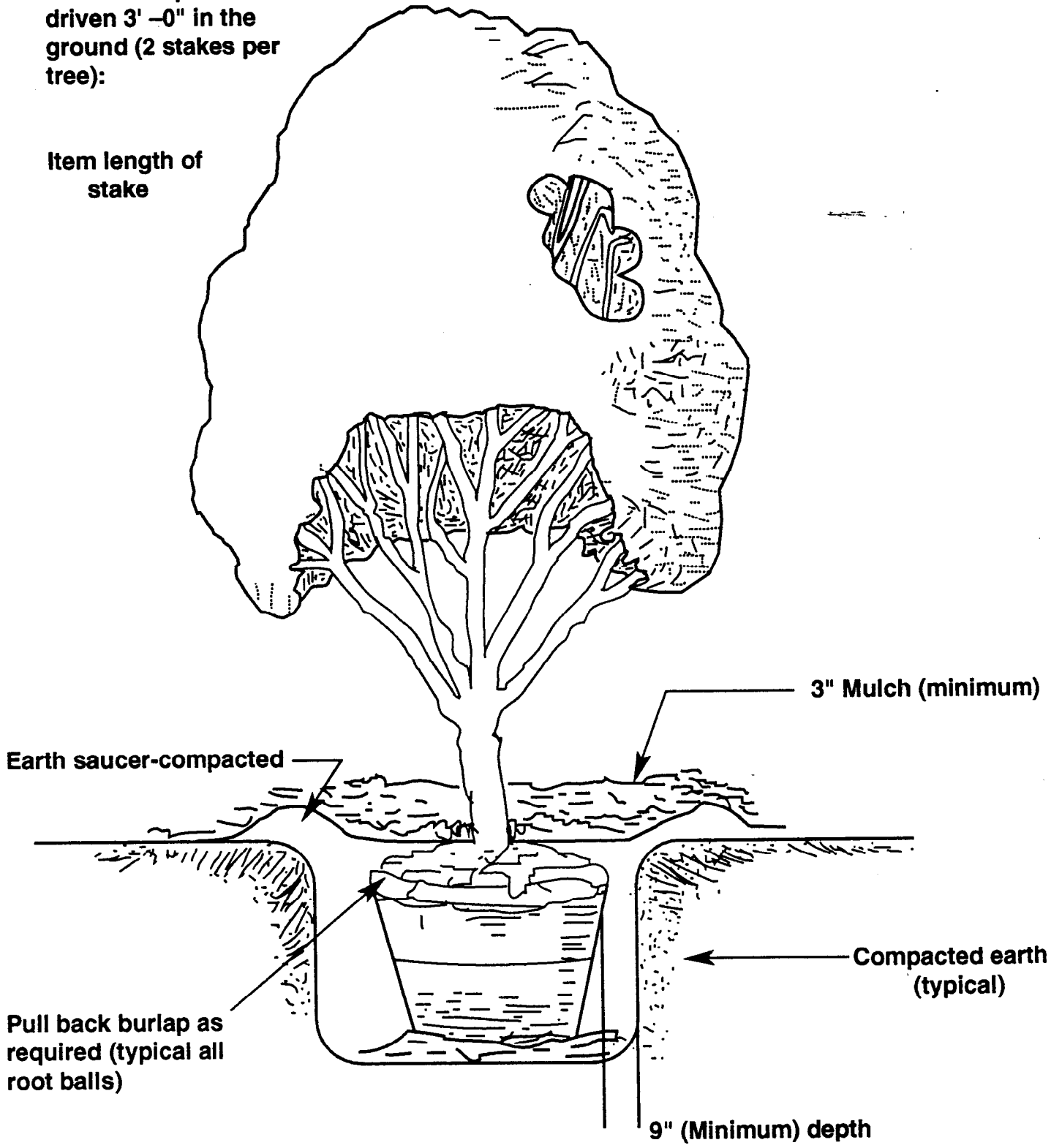
**Note: Typical planting detail
for all pines and all trees
under 3 1/2" in diameter**



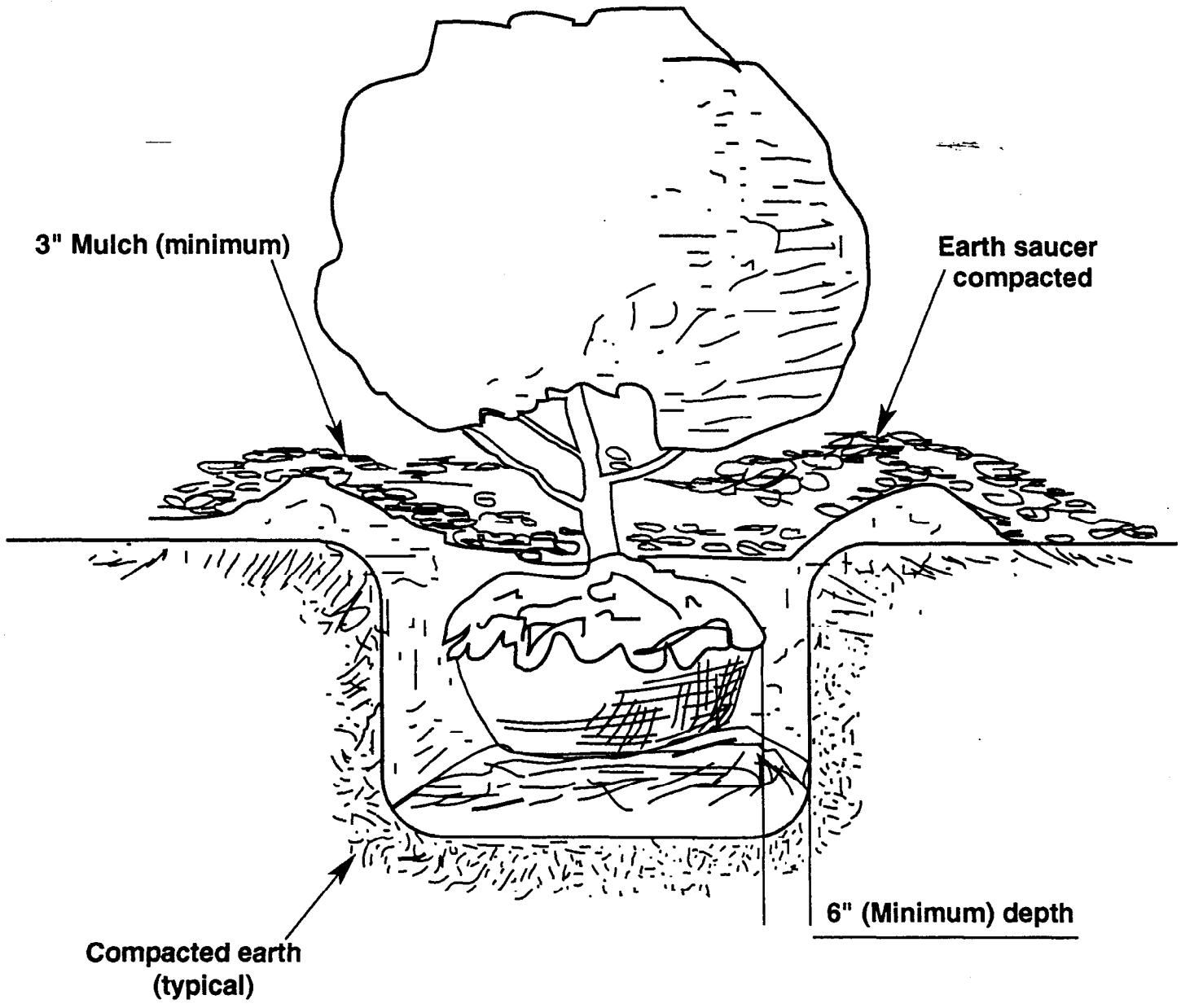
**Note: Typical planting detail
for all flowering trees**

**Stakes as specified
driven 3' -0" in the
ground (2 stakes per
tree):**

**Item length of
stake**



Note: Typical planting detail for all shrubs, eliminate individual earth saucer in planting beds.



Note: Typical detail for all ground cover.

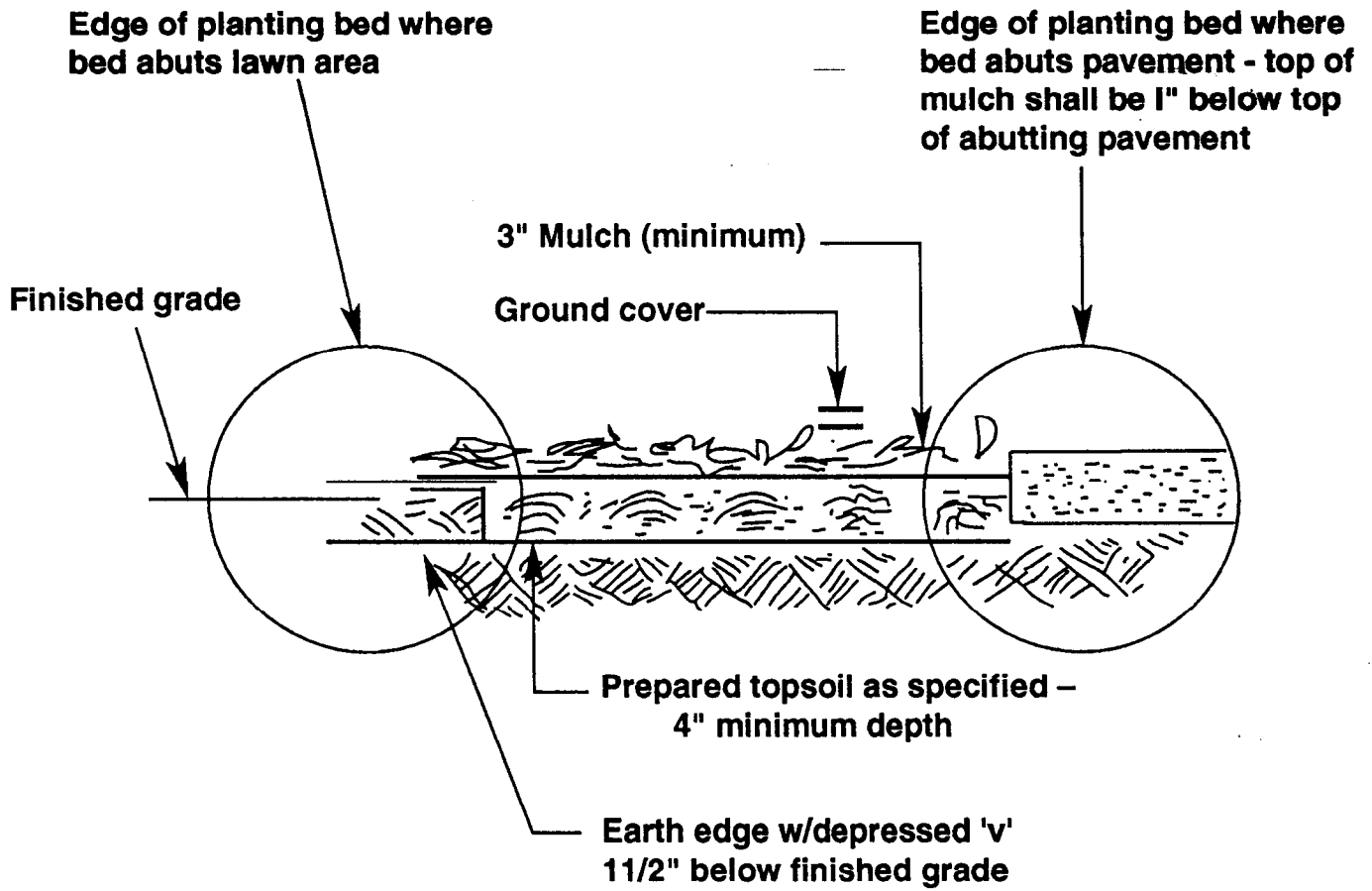


EXHIBIT B: PERFORMANCE REQUIREMENTS SUMMARY					
Contract Requirements		Performance Requirements			
1	2	3	4	5	6
ITEM No.	Contract Requirement	Work Requirement	Weight (%)	Standard of Performance	MADR (%)
001A	Maint. Level I Mowing	*Quality of Work Timeliness	90 10	9.1.A 18.A&JB-1	1 1
001B	Maint. Level II Mowing	*Quality of Work Timeliness	90 10	9.2.A 18.A&JB-1	1 1
001C	Maint. Level III Mowing	*Quality of Work Timeliness	90 10	9.3 18.A&JB-1	1 1
001D	Edging	*Quality of Work Timeliness	90 10	9.1.B 18.A&JB-1	1 1
001E	Cultivate Plant Beds	*Quality of Work Timeliness	90 10	9.1.C 18.A&JB-1	1 1
001F	Mulch Plant Beds	*Quality of Work Timeliness	90 10	9.1.D 18.A&JB-1	1 1
001G	Hedge Pruning	*Quality of Work Timeliness	90 10	9.1.E 18.A&JB-1	1 1
001H	Shrub Pruning	*Quality of Work Timeliness	90 10	9.1.E 18.A&JB-1	1 1
001I	Ground Cover Maintenance	*Quality of Work Timeliness	90 10	9.1.F 18.A&JB-1	1 1
001J	Burnable Refuse	*Quality of Work Timeliness	90 10	10.A 18.A&JB-1	1 1
001K	Privacy Act Material Boxed Trash	*Quality of Work *Timeliness	90 10	10.B 18.A&JB-1	1 1
001L	Trash & Litter Collection	*Quality of Work Timeliness	90 10	10.C 18.A&JB-1	3 5
001M	Pest Control (P.M.)	*Quality of Work Timeliness	90 10	11.A.B. 18.A&JB-1	1 1
001N	Clean Grease Traps	*Quality of Work Timeliness	90 10	10.1 18.A&JB-1	1 1
002A	Maint. Level I Mowing	*Quality of Work Timeliness	90 10	13.(2) JB-3	3 3
002B	Maint. Level II Mowing	*Quality of Work Timeliness	90 10	13.(3) JB-3	3 3
002C	Maint. Level III Mowing	*Quality of Work Timeliness	90 10	13.(4) JB-3	3 3
002D	Raking & Leaf Gathering	*Quality of Work Timeliness	90 10	13.(5) JB-3	2 2
002E	Cultivate Plant Bed	*Quality of Work Timeliness	90 10	13.(6) JB-3	2 2
002F	Cultivate Shrubs	*Quality of Work Timeliness	90 10	13.(6) JB-3	2 2
002G	Cultivate Hedges	*Quality of Work Timeliness	90 10	13.(6) JB-3	2 2

EXHIBIT B: PERFORMANCE REQUIREMENTS SUMMARY

Contract Requirements		Performance Requirements			
1	2	3	4	5	6
ITEM No.	Contract Requirement	Work Requirement	Weight (%)	Standard of Performance	MADR (%)
002H	Cultivate Ornamental Trees	*Quality of Work Timeliness	90 10	13.(6) JB-3	2 2
002I	Mulch Plant Bed	*Quality of Work Timeliness	90 10	13.(7) JB-3	2 2
002J	Mulch Shrubs	*Quality of Work Timeliness	90 10	13.(7) JB-3	2 2
002K	Mulch Hedges	*Quality of Work Timeliness	90 10	13.(7) JB-3	2 2
002L	Mulch Ornamental Trees	*Quality of Work Timeliness	90 10	13.(7) JB-3	2 2
002M	Ground Cover Maint.	*Quality of Work Timeliness	90 10	13.(8) JB-3	2 2
002N	Prune Shrubs	*Quality of Work Timeliness	90 10	13.(9) JB-3	2 2
002O	Prune Hedges	*Quality of Work Timeliness	90 10	13.(9) JB-3	2 2
002P	Shade Tree Pruning (1"-6" Dia.)	*Quality of Work Timeliness	90 10	13.(10) JB-3	2 2
002Q	Shade Tree Pruning (6" and above)	*Quality of Work Timeliness	90 10	13.(10) JB-3	2 2
002R	Ornamental Tree Pruning (1" - 6" Dia.)	*Quality of Work Timeliness	90 10	13.(10) JB-3	2 2
002S	Ornamental Tree Pruning (6" and above)	*Quality of Work Timeliness	90 10	13.(10) JB-3	2 2
002T	Tree Removal Up to 1" Diameter	*Quality of Work Timeliness	90 10	13.(11) JB-3	2 2
002U	Tree Removal 1 1/8" to 3" Diameter	*Quality of Work Timeliness	90 10	13.(11) JB-3	2 2
002V	Tree Removal 3 1/8" to 6" Diameter	*Quality of Work Timeliness	90 10	13.(11) JB-3	2 2
002W	Tree Removal 6 1/8" to 12" Diameter	*Quality of Work Timeliness	90 10	13.(11) JB-3	2 2
002X	Tree Removal 12" and above Diameter	*Quality of Work Timeliness	90 10	13.(11) JB-3	2 2
002Y	Large Stump Removal (Over 6" Dia.)	*Quality of Work Timeliness	90 10	13.(12) (i) JB-3	2 2
002Z	Small Stump Removal (6" or Less)	*Quality of Work Timeliness	90 10	13.(12) (ii) JB-3	2 2
002AA	Limb Removal (Over 1" Dia.)	*Quality of Work Timeliness	90 10	13.(13) JB-3	2 2
002AB	Shrub Removal	*Quality of Work Timeliness	90 10	13.(14) JB-3	2 2

EXHIBIT B: PERFORMANCE REQUIREMENTS SUMMARY					
Contract Requirements		Performance Requirements			
1	2	3	4	5	6
ITEM No.	Contract Requirement	Work Requirement	Weight (%)	Standard of Performance	MADR (%)
002AC	Ground Cover Removal	*Quality of Work	90	13.(15)	2
		Timeliness	10	JB-3	2
002AD	Mulch Removal	*Quality of Work	90	13.(16)	2
		Timeliness	10	JB-3	2
002AE	Superfluous Growth Removal	*Quality of Work	90	13.(17)	2
		Timeliness	10	JB-3	2
002AF	Soil Removal	*Quality of Work	90	13.(18)	2
		Timeliness	10	JB-3	2
002AG	Light Veg. Removal	*Quality of Work	90	13.(19)A(1)	1
		Timeliness	10	JB-3	2
002AH	Medium Veg. Removal	*Quality of Work	90	13.(19)A(2)	1
		Timeliness	10	JB-3	2
002AI	Heavy Veg. Removal	*Quality of Work	90	13.(19)A(3)	1
		Timeliness	10	JB-3	2
002AJ	Veg. Removal (w/Weed Eater)	*Quality of Work	90	13.(19)B	1
		Timeliness	10	JB-3	2
002AK	Veg. Removal (w/Weed Eater)	*Quality of Work	90	13.(19)B	1
		Timeliness	10	JB-3	2
002AL	Grassing	*Quality of Work	90	13.(20)	1
		Timeliness	10	JB-3	2
002AM	Seeding	*Quality of Work	90	13.(23)	1
		Timeliness	10	JB-3	2
002AN	Erosion Control	*Quality of Work	90	13.(21)	1
		Timeliness	10	JB-3	1
002AO	Topsoil Placement	*Quality of Work	90	13.(22)	1
		Timeliness	10	JB-3	1
002AP	Fertilize Lawns	*Quality of Work	90	13.(24, 25, 26)	1
		Timeliness	10	JB-3	1
002AQ	RESERVED				
002AR	Fertilize Trees	*Quality of Work	90	13.(24, 25, 26)	1
		Timeliness	10	JB-3	1
002AS	Fertilize Shrubs	*Quality of Work	90	13.(24, 25, 26)	1
		Timeliness	10	JB-3	1
002AT	Fertilize Hedges	*Quality of Work	90	13.(24, 25, 26)	1
		Timeliness	10	JB-3	1
002AU	Fertilize Ground Cover	*Quality of Work	90	13.(24, 25, 26)	1
		Timeliness	10	JB-3	1
002AV	Veg. Herbicide Application	*Quality of Work	70	13.(27)	1
		Timeliness	10	JB-3	1
		Documentation	20	13.(27)(A).(B).(C)	0

EXHIBIT B: PERFORMANCE REQUIREMENTS SUMMARY					
	Contract Requirements	Performance Requirements			
1	2	3	4	5	6
ITEM No.	Contract Requirement	Work Requirement	Weight (%)	Standard of Performance	MADR (%)
002AX	Veg. Herbicide Application	*Quality of Work	70	13.(27)	1
		Timeliness	10	JB-3	1
		Documentation	20	13.(27)(A).(B).(C)	0
002AY	Broad Leaf Weed Control Application	*Quality of Work	70	13.(27)(E)	1
		Timeliness	10	JB-3	1
		Documentation	20	13.(27)(A).(B).(C)	0
002AZ	Transplant Trees Up to 2" Diameter	*Quality of Work	90	13.(28)	2
		Timeliness	10	JB-3	2
002BA	Transplant Trees 2 1/8" to 4" Diameter	*Quality of Work	90	13.(28)	2
		Timeliness	10	JB-3	2
002BB	Transplant Trees 4 1/8" to 6" Diameter	*Quality of Work	90	13.(28)	2
		Timeliness	10	JB-3	2
002BC	Transplant Shrubs 1' - 3'	*Quality of Work	90	13.(28)	2
		Timeliness	10	JB-3	2
002BD	Transplant Shrubs 3' - 6'	*Quality of Work	90	13.(28)	2
		Timeliness	10	JB-3	2
002BE	Transplant Shrubs Over 6'	*Quality of Work	90	13.(28)	2
		Timeliness	10	JB-3	2
002BF	Transplant Ground Cover	*Quality of Work	90	13.(28)	2
		Timeliness	10	JB-3	2
002BG	Lawn Repair	*Quality of Work	90	13.(29)	2
		Timeliness	10	JB-3	2
002BH	Under Brushing (Clear Cut)	*Quality of Work	90	13.(30)	2
		Timeliness	10	JB-3	2
002BI	Plant Tree	*Quality of Work	90	13.(31)	2
		Timeliness	10	JB-3	2
002BJ	Plant Tree	*Quality of Work	90	13.(31)	2
		Timeliness	10	JB-3	2
002BK	Plant Deciduous Shrub	*Quality of Work	90	13.(31)	2
		Timeliness	10	JB-3	2
002BL	Plant Deciduous Shrub	*Quality of Work	90	13.(31)	2
		Timeliness	10	JB-3	2
002BM	Plant Evergreen Shrub	*Quality of Work	90	13.(31)	2
		Timeliness	10	JB-3	2
002BN	Plant Spreading Evergreen Shrub	*Quality of Work	90	13.(31)	2
		Timeliness	10	JB-3	2
002BO	Plant Broadleaf Evergreen Shrub	*Quality of Work	90	13.(31)	2
		Timeliness	10	JB-3	2
002BP	Plant Broadleaf Flowering Evergreen Shrub	*Quality of Work	90	13.(31)	2
		Timeliness	10	JB-3	2

EXHIBIT B: PERFORMANCE REQUIREMENTS SUMMARY					
Contract Requirements		Performance Requirements			
1	2	3	4	5	6
ITEM No.	Contract Requirement	Work Requirement	Weight (%)	Standard of Performance	MADR (%)
002BQ	Pest Control Service Calls	*Quality of Work	70	14.A	1
		Timeliness	10	JB-3	1
		Documentation	20	8.a.b.	0
002BR	Sandbagging	*Quality of Work	70	15.1	1
		*Timeliness	30	JB-3	1
002BS	Barricades	*Quality of Work	80	15.2	1
		*Timeliness	20	JB-3	1
002BT	Cleaning Ditches	*Quality of Work	90	16.(1)	0
		*Timeliness	10	JB-3	2
002BU	Cleaning Septic Tank	*Quality of Work	80	16.(3)	0
		*Timeliness	20	JB-3	1
002BV	Cleaning Grease Trap	*Quality of Work	90	16.(4)	0
		*Timeliness	10	JB-3	1
002BW	Cleaning Utility Tunnels	*Quality of Work	90	16.(5)	1
		Timeliness	10	JB-3	2
002BX	Cleaning Catch Basins	*Quality of Work	80	16.(6)	1
		*Timeliness	20	JB-3	1
002BY	Sweeping Pavement	*Quality of Work	90	16.(2)	1
		Timeliness	10	JB-3	1
002BZ	Excavation - Utility System Repairs	*Quality of Work	80	19.1.a	1
		Timeliness	20	JB-3	1
002CA	Exploratory Excavation	*Quality of Work	80	19.1.b	1
		Timeliness	20	JB-3	1
002CB	Non-Burnable Refuse	*Quality of Work	80	18	1
		*Timeliness	20	JB-3	1
002CC	Misc. Labor	*Quality of Work	90	19.A.(1)	1
		Timeliness	10	JB-3	1
002CD	Material (not elsewhere specified)	*Quality of Work	90	19.A(2)	1
		*Timeliness	10	JB-3	1

*Unsatisfactory performance of this work requirement will result in an unsatisfactory rating for the entire contract requirement.

EXHIBIT C - INSTALLATION-PROVIDED GOVERNMENT PROPERTY

OFFICE EQUIPMENT

(1255453) - MICROSERVE 386/SX/25 4MB PERSONAL COMPUTER
(1255454) - MAGNAVOX SUPER VGA MONITOR
(144453) - OKIDATA MICROLINE 193 PLUS PERSONAL PRINTER
(1429539) - IBM 1500 WHEEL WRITER
(057458) - MOTOROLA HT-220 2-WAY RADIO w/CHARGER
(1255455) - CANON FAXPHONE/50 FACSIMILE MACHINE
(020995) - MOTOROLA KEYNOTE PAGER
(020996) - MOTOROLA KEYNOTE PAGER
(020997) - MOTOROLA KEYNOTE PAGER
- MOTOROLA SERIES 90 REMOTE 2-WAY BASE RADIO

SHOP EQUIPMENT/TOOLS

(1261293) - BETTER ENGINEERING IMPULSE PARTS-WASHER/CLEANER
(1262226) - SCOTSMAN ICE-MACHINE
- SKILL DISC GRINDER
- JACK STAND 6 TON (2 ea.)
- BENCH VISE 4"
- BLACKHAWK 2-TON SERVICE JACK
- SKIL MODEL 6125 1/2" DRILL
- WELLER MODEL 7200 SOLDERING GUN
- SHOP-VAC 5 GALLON
- FOLEY/BELSHAW SAW CHAIN SHARPENER
- 8 FT. FIBERGLASS PLATFORM LADDER
- 24 FT. FIBERGLASS LADDER
- 6 FT. WOODEN STEP LADDER
- CENTURY MULTIPURPOSE BATTERY CHARGER
- WESTINGHOUSE REFRIDGERATOR
- BENCH GRINDER
- SPILL-KILLER SECONDARY CONTAINMENT UNIT
- 6 FT. WOODEN STEP LADDER
- EMERSON ELECTRIC FLOOR FAN

HEAVY EQUIPMENT

NA1745 - 1979 CHEVROLET STEP-VAN (528099)
NA1747 - 1993 FORD F700 STAKE-BODY DUMP TRUCK (1159038)
- w/MOTOROLA MOBILE RADIO (284811) (153642)
NA1757 - 1983 DODGE 1 TON PICK-UP TRUCK (470713)
- w/MOTOROLA MOBILE RADIO (531255) (153653)
NA1836 - 1993 CATERPILLAR 426B FRONT-END LOADER/BACKHOE (1160058)
NA1878 - 1988 GMC 10 TON DUMP TRUCK (056845)
- w/MOTOROLA MOBILE RADIO (531269) (153645)
NA1885 - 1981 FORD 555 FRONT-END LOADER/BACKHOE (528685)
NA1886 - 1981 FORD 4100 TRACTOR (528666)
NA1887 - 1981 FORD 6600 TRACTOR/SLOPE MOWER (678229)

NA1888	-	1982 FORD 4100 TRACTOR	(470734)
NA1889	-	1983 GMC STAKE-BODY DUMP TRUCK	(00142)
NA1897	-	PROMARK AERIAL LIFT	(144248)
NA1916	-	1992 CLARKE/AMERICAN-LINCOLN 3366 RIDER/SWEEPER	(1158608)
NE1024	-	YALE FORKLIFT	(528687)
NE1420	-	DITCH WITCH MODEL 1420 TRENCHER	(549750)
NE1420T	-	DITCH WITCH TRAILER	(00136)
NE1800	-	1981 GIANT VAC LEAF/TRUCK LOADER VACUUM	(470733)
NE1849	-	1981 WOODS 6 FT. ROTARY MOWER	(528683)
NE1850	-	1989 WOODS 10 FT. ROTARY MOWER	(056734)
NE1884	-	ALLIS-CHALMERS FORKLIFT	(470736)
NE10004	-	TORO GROUNDMASTER TRACTION UNIT RIDING MOWER TORO 72" MOWER DECK	(056467) (675032)
NE10005	-	TORO GROUNDMASTER TRACTION UNIT RIDING MOWER TORO 72" MOWER DECK	(1260290) (1088639)
NE10006	-	TORO GROUNDMASTER TRACTION UNIT RIDING MOWER TORO 72" MOWER DECK	(061072) (1088640)
NE10007	-	TORO GROUNDMASTER TRACTION UNIT RIDING MOWER TORO 72" MOWER DECK	(1088643) (1088638)
NE10008	-	TORO GROUNDMASTER TRACTION UNIT RIDING MOWER TORO 72" MOWER DECK	(1088642) (1088641)

IMPLEMENTS

(1260291) - 1981 SWEEPSTER REAR MOUNT TRACTOR BROOM
(528293) - 1981 JACOBSEN TRACTOR MOUNT PTO POWER BLOWER
(528692) - 1981 GILL 72" PULVERIZER
(847674) - AGROTECH 300 GALLON SPRAYER
- 1981 GILL 72" LANDSCAPE BOX BLADE
- 1981 KURB DRESSER LAWN & CURB EDGER
- 1981 FORD 72" UTILITY ANGLE BLADE
- 1981 FORD 72" LANDSCAPE RAKE
- 1981 CONTINENTAL-BELTON PTO 100 GALLON SPRAY TANK

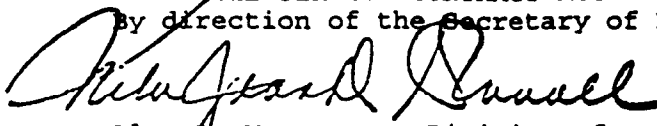
SMALL POWERED EQUIPMENT

- ARIENS RT214 ROTO TILLER
- SNAPPER 21" PUSH MOWER
- JACOBSEN 21" PUSH MOWER
- SHINDAIWA C-35 LINE TRIMMER (4 EA)
- SHINDAIWA B-35 LINE TRIMMER (4 EA)
- SHINDAIWA EB-45 POWER BLOWER
- SHINDAIWA EB-240 POWER BLOWER
- SHINDAIWA HT-20 HEDGE SHEARS
- TECHNIC TOOL POWER PRUNER
- JOHN DEERE E-35 SIDEWALK EDGER (2 EA)
- STIHL 028 CHAIN SAW
- STIHL 010 CHAIN SAW
- STIHL 009 CHAIN SAW
- LITTLE WONDER 8 HP BLOWER (2 EA)
- LITTLE WONDER ELECTRIC HEDGE SHEARS
- COLEMAN POWERMATE GENERATOR
- BILLY GOAT 8 HP LAWN/LEAF VACUUM
- WINCO PORTABLE 8 HP GENERATOR

HAND TOOLS

LHSP SHOVEL	(6 ea.)	HAND PRUNING SHEARS	(4 ea.)
LHRP SHOVEL	(6 ea.)	LOPPING SHEARS	(2 ea.)
DH SCOOP SHOVEL	(2 ea.)	HEDGE SHEARS	(1 ea.)
MAUL 10#	(1 ea.)	TREE PRUNING SAW	(1 ea.)
LH GARDEN SPADE	(6 ea.)	HAND PRUNING SAW	(2 ea.)
DH GARDEN SPADE	(2 ea.)	POLE PRUNING SAW	(1 ea.)
POST HOLE DIGGER	(1 ea.)	BOW SAW	(1 ea.)
SHRUB RAKE	(2 ea.)	BRUSH AXE	(2 ea.)
LEAF RAKE	(6 ea.)	GARDEN HOE	(3 ea.)
GARDEN RAKE	(6 ea.)	TURF EDGER HOE	(1 ea.)
LANDSCAPE RAKE	(2 ea.)	MATTOCK	(1 ea.)
GRADING RAKE	(2 ea.)	RAIL ROAD PICK	(3 ea.)
SCREENING RAKE	(2 ea.)	SLING BLADE	(3 ea.)
PITCH FORK	(1 ea.)	MACHETE	(1 ea.)
ENSILAGE FORK	(1 ea.)		
PUSH/STREET BROOM	(6 ea.)		
MULTI-USE TOUGH TOOL	(1 ea.)		
MAUL 10#	(1 ea.)		

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor



Alan A. Moss Division of
Director Wage Determinations

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210

Wage Determination No.: 94-2543
Revision No.: 13
Date of Last Revision: 02/03/1997

State(s): North Carolina, Virginia

Area: NORTH CAROLINA COUNTIES OF CAMDEN, CHOWAN, CURRITUCK, GATES,
PASQUOTANK, PERQUIMANS.
VIRGINIA COUNTIES OF CHESAPEAKE, GLOUCESTER, HAMPTON, ISLE OF WIGHT,
JAMES CITY, MATHEWS, NEWPORT NEWS, NORFOLK, POQUOSON, PORTSMOUTH,
SOUTHAMPTON, SUFFOLK, SURRY, VIRGINIA BEACH, WILLIAMSBURG, YORK.

** Fringe Benefits Required For All Occupations Included In
This Wage Determination Follow The Occupational Listing **

OCCUPATION CODE AND TITLE	MINIMUM HOURLY WAGE
ADMINISTRATIVE SUPPORT AND CLERICAL:	
01011 Accounting Clerk I	\$ 6.75
01012 Accounting Clerk II	\$ 8.52
01013 Accounting Clerk III	\$ 10.60
01014 Accounting Clerk IV	\$ 11.50
01030 Court Reporter	\$ 10.81
01050 Dispatcher, Motor Vehicle	\$ 9.23
01060 Document Preparation Clerk	\$ 9.29
01090 Duplicating Machine Operator	\$ 9.29
01110 Film/Tape Librarian	\$ 9.28
01115 General Clerk I	\$ 7.34
01116 General Clerk II	\$ 9.03
01117 General Clerk III	\$ 11.23
01118 General Clerk IV	\$ 12.55
01120 Housing Referral Assistant	\$ 11.98
01131 Key Entry Operator I	\$ 7.78
01132 Key Entry Operator II	\$ 9.79
01191 Order Clerk I	\$ 7.40
01192 Order Clerk II	\$ 9.68
01220 Order Filler	\$ 8.46
01261 Personnel Assistant (Employment) I	\$ 8.85
01262 Personnel Assistant (Employment) II	\$ 10.23
01263 Personnel Assistant (Employment) III	\$ 10.80
01264 Personnel Assistant (Employment) IV	\$ 12.38
01270 Production Control Clerk	\$ 11.98
01290 Rental Clerk	\$ 9.28
01300 Scheduler, Maintenance	\$ 9.28
01311 Secretary I	\$ 9.28
01312 Secretary II	\$ 10.80
01313 Secretary III	\$ 12.38
01314 Secretary IV	\$ 14.46
01315 Secretary V	\$ 15.18
01320 Service Order Dispatcher	\$ 9.28

01341 Stenographer I	\$ 8.78
01342 Stenographer II	\$ 9.86
01400 Supply Technician	\$ 11.50
01420 Survey Worker(Interviewer)	\$ 10.80
01460 Switchboard Operator- Receptionist	\$ 8.08
01510 Test Examiner	\$ 10.80
01520 Test Proctor	\$ 10.80
01531 Travel Clerk I	\$ 6.91
01532 Travel Clerk II	\$ 7.63
01533 Travel Clerk III	\$ 8.13
01611 Word Processor I	\$ 10.00
01612 Word Processor II	\$ 11.27
01613 Word Processor III	\$ 12.62

AUTOMATIC DATA PROCESSING:

03010 Computer Data Librarian	\$ 8.26
03041 Computer Operator I	\$ 9.25
03042 Computer Operator II	\$ 10.70
03043 Computer Operator III	\$ 13.25
03044 Computer Operator IV	\$ 15.34
03045 Computer Operator V	\$ 16.31
03071 Computer Programmer I 1/	\$ 13.38
03072 Computer Programmer II 1/	\$ 15.15
03073 Computer Programmer III 1/	\$ 18.05
03074 Computer Programmer IV 1/	\$ 21.52
03101 Computer Systems Analyst I 1/	\$ 17.62
03102 Computer Systems Analyst II 1/	\$ 20.28
03103 Computer Systems Analyst III 1/	\$ 24.98
03160 Peripheral Equipment Operator	\$ 8.26

AUTOMOTIVE SERVICE:

05005 Automobile Body Repairer, Fiberglass	\$ 16.22
05010 Automotive Glass Installer	\$ 14.79
05040 Automotive Worker	\$ 14.79
05070 Electrician, Automotive	\$ 15.49
05100 Mobile Equipment Servicer	\$ 13.37
05130 Motor Equipment Metal Mechanic	\$ 16.22
05160 Motor Equipment Metal Worker	\$ 14.79
05190 Motor Vehicle Mechanic	\$ 16.22
05220 Motor Vehicle Mechanic Helper	\$ 12.61
05250 Motor Vehicle Upholstery Worker	\$ 14.07
05280 Motor Vehicle Wrecker	\$ 14.79
05310 Painter, Automotive	\$ 15.49
05340 Radiator Repair Specialist	\$ 14.07
05370 Tire Repairer	\$ 13.37
05400 Transmission Repair Specialist	\$ 16.22

FOOD PREPARATION AND SERVICE:

07010 Baker	\$ 8.68
07041 Cook I	\$ 7.85
07042 Cook II	\$ 8.68
07070 Dishwasher	\$ 6.05
07100 Food Service Worker (Cafeteria Worker)	\$ 6.05
07130 Meat Cutter	\$ 8.68
07250 Waiter/Waitress	\$ 6.58

FURNITURE MAINTENANCE AND REPAIR:

09010 Electrostatic Spray Painter	\$ 15.49
09040 Furniture Handler	\$ 11.21
09070 Furniture Refinisher	\$ 15.49
09100 Furniture Refinisher Helper	\$ 12.61
09110 Furniture Repairer, Minor	\$ 14.07
09130 Upholsterer	\$ 15.49

GENERAL SERVICES AND SUPPORT:

11030 Cleaner, Vehicles	\$ 6.05
11060 Elevator Operator	\$ 6.05
11090 Gardener	\$ 7.75
11121 Housekeeping Aide I	\$ 5.93
11122 Housekeeping Aide II	\$ 6.49
11150 Janitor	\$ 6.05
11180 Laborer	\$ 9.68
11210 Laborer, Grounds Maintenance	\$ 6.58
11240 Maid or Houseman	\$ 5.52
11270 Pest Controller	\$ 8.25
11300 Refuse Collector	\$ 6.05
11330 Tractor Operator	\$ 7.38
11360 Window Cleaner	\$ 6.58

HEALTH:

12010 Ambulance Driver	\$ 9.13
12040 Emergency Medical Technician	\$ 9.13
12071 Licensed Practical Nurse I	\$ 8.00
12072 Licensed Practical Nurse II	\$ 8.98
12073 Licensed Practical Nurse III	\$ 10.05
12100 Medical Assistant	\$ 8.98
12130 Medical Laboratory Technician	\$ 8.98
12160 Medical Record Clerk	\$ 8.98
12190 Medical Record Technician	\$ 12.45
12221 Nursing Assistant I	\$ 6.52
12222 Nursing Assistant II	\$ 7.33
12223 Nursing Assistant III	\$ 8.00
12224 Nursing Assistant IV	\$ 8.98
12250 Pharmacy Technician	\$ 11.20
12280 Phlebotomist	\$ 8.98
12311 Registered Nurse I	\$ 12.45
12312 Registered Nurse II	\$ 15.23
12313 Registered Nurse II, Specialist	\$ 15.23
12314 Registered Nurse III	\$ 18.43
12315 Registered Nurse III, Anesthetist	\$ 18.43
12316 Registered Nurse IV	\$ 22.09

INFORMATION AND ARTS:

13002 Audiovisual Librarian	\$ 14.56
13011 Exhibits Specialist I	\$ 15.02
13012 Exhibits Specialist II	\$ 18.25
13013 Exhibits Specialist III	\$ 20.27
13041 Illustrator I	\$ 15.02
13042 Illustrator II	\$ 18.25
13043 Illustrator III	\$ 20.27
13047 Librarian	\$ 11.96

13050 Library Technician	\$ 11.02
13071 Photographer I	\$ 11.33
13072 Photographer II	\$ 15.02
13073 Photographer III	\$ 18.25
13074 Photographer IV	\$ 20.27
13075 Photographer V	\$ 24.53

LAUNDRY, DRY CLEANING, PRESSING:

15010 Assembler	\$ 5.49
15030 Counter Attendant	\$ 5.49
15040 Dry Cleaner	\$ 6.77
15070 Finisher, Flatwork, Machine	\$ 5.49
15090 Presser, Hand	\$ 5.49
15100 Presser, Machine, Dry Cleaning	\$ 5.49
15130 Presser, Machine, Shirts	\$ 5.49
15160 Presser, Machine, Wearing Apparel, Laundry	\$ 5.49
15190 Sewing Machine Operator	\$ 7.22
15220 Tailor	\$ 7.67
15250 Washer, Machine	\$ 5.93

MACHINE TOOL OPERATION AND REPAIR:

19010 Machine-tool Operator (Toolroom)	\$ 15.49
19040 Tool and Die Maker	\$ 17.84

MATERIALS HANDLING AND PACKING:

21010 Fuel Distribution System Operator	\$ 13.37
21020 Material Coordinator	\$ 12.19
21030 Material Expediter	\$ 12.19
21040 Material Handling Laborer	\$ 7.44
21071 Forklift Operator	\$ 9.05
21080 Production Line Worker (Food Processing)	\$ 10.54
21100 Shipping/Receiving Clerk	\$ 8.85
21130 Shipping Packer	\$ 8.85
21140 Store Worker I	\$ 8.40
21150 Stock Clerk (Shelf Stocker; Store Worker II)	\$ 9.92
21210 Tools and Parts Attendant	\$ 10.95
21400 Warehouse Specialist	\$ 10.54

MECHANICS AND MAINTENANCE AND REPAIR:

23010 Aircraft Mechanic	\$ 16.22
23040 Aircraft Mechanic Helper	\$ 12.61
23050 Aircraft Quality Control Inspector	\$ 16.94
23060 Aircraft Servicer	\$ 14.07
23070 Aircraft Worker	\$ 14.79
23100 Appliance Mechanic	\$ 15.49
23120 Bicycle Repairer	\$ 13.37
23125 Cable Splicer	\$ 16.22
23130 Carpenter, Maintenance	\$ 15.49
23140 Carpet Layer	\$ 14.79
23160 Electrician, Maintenance	\$ 16.22
23181 Electronics Technician, Maintenance I	\$ 13.99

23182	Electronics Technician, Maintenance II	\$ 14.31
23183	Electronics Technician, Maintenance III	\$ 15.33
23260	Fabric Worker	\$ 14.07
23290	Fire Alarm System Mechanic	\$ 16.22
23310	Fire Extinguisher Repairer	\$ 13.37
23340	Fuel Distribution System Mechanic	\$ 16.22
23370	General Maintenance Worker	\$ 14.79
23400	Heating, Refrigeration and Air Conditioning Mechanic	\$ 16.22
23430	Heavy Equipment Mechanic	\$ 16.22
23460	Instrument Mechanic	\$ 16.22
23500	Locksmith	\$ 15.49
23530	Machinery Maintenance Mechanic	\$ 16.18
23550	Machinist, Maintenance	\$ 16.22
23580	Maintenance Trades Helper	\$ 12.61
23640	Millwright	\$ 16.22
23700	Office Appliance Repairer	\$ 15.49
23740	Painter, Aircraft	\$ 15.49
23760	Painter, Maintenance	\$ 15.49
23790	Pipefitter, Maintenance	\$ 16.22
23800	Plumber, Maintenance	\$ 15.49
23820	Pneudraulic Systems Mechanic	\$ 16.22
23850	Rigger	\$ 16.22
23870	Scale Mechanic	\$ 14.79
23890	Sheet-metal Worker, Maintenance	\$ 16.22
23910	Small Engine Mechanic	\$ 14.79
23930	Telecommunications Mechanic I	\$ 16.22
23931	Telecommunications Mechanic II	\$ 16.94
23950	Telephone Lineman	\$ 16.22
23960	Welder, Combination, Maintenance	\$ 16.22
23965	Well Driller	\$ 16.22
23970	Woodcraft Worker	\$ 16.22
23980	Woodworker	\$ 13.37

PERSONAL NEEDS:

24570	Child Care Attendant	\$ 6.34
24600	Chore Aide	\$ 4.91
24630	Homemaker	\$ 8.33

PLANT AND SYSTEM OPERATION:

25010	Boiler Tender	\$ 16.22
25040	Sewage Plant Operator	\$ 15.49
25070	Stationary Engineer	\$ 16.22
25190	Ventilation Equipment Tender	\$ 12.61
25210	Water Treatment Plant Operator	\$ 15.49

PROTECTIVE SERVICE:

27004	Alarm Monitor	\$ 7.21
27006	Corrections Officer	\$ 11.47
27010	Court Security Officer	\$ 11.47
27040	Detention Officer	\$ 11.47
27070	Firefighter	\$ 11.47
27101	Guard I	\$ 6.03
27102	Guard II	\$ 7.21

27130 Police Officer \$ 12.28

TECHNICAL:

29020 Archeological Technician \$ 15.87
 29030 Cartographic Technician \$ 15.87
 29035 Computer Based Training Specialist/Instructor \$ 17.62
 29040 Civil Engineering Technician \$ 15.87
 29061 Drafter I \$ 10.07
 29062 Drafter II \$ 11.33
 29063 Drafter III \$ 14.24
 29064 Drafter IV \$ 17.30
 29070 Embalmer \$ 17.63
 29081 Engineering Technician I \$ 11.50
 29082 Engineering Technician II \$ 12.30
 29083 Engineering Technician III \$ 15.15
 29084 Engineering Technician IV \$ 18.35
 29085 Engineering Technician V \$ 21.43
 29086 Engineering Technician VI \$ 26.48
 29090 Environmental Technician \$ 15.87
 29100 Flight Simulator/Instructor (Pilot) \$ 20.28
 29150 Graphic Artist \$ 17.62
 29210 Laboratory Technician \$ 11.86
 29240 Mathematical Technician \$ 15.87
 29330 Mortician \$ 17.63
 29361 Paralegal/Legal Assistant I \$ 10.80
 29362 Paralegal/Legal Assistant II \$ 13.12
 29363 Paralegal/Legal Assistant III \$ 16.05
 29364 Paralegal/Legal Assistant IV \$ 19.42
 29390 Photooptics Technician \$ 15.87
 29480 Technical Writer \$ 15.02
 29620 Weather Observer, Senior 2/ \$ 12.80
 29621 Weather Observer, Combined 2/ Upper Air and Surface Programs \$ 11.83
 29622 Weather Observer, Upper Air 2/ \$ 11.83

TRANSPORTATION/MOBILE EQUIPMENT OPERATION:

31030 Bus Driver \$ 9.42
 31100 Driver Messenger \$ 9.01
 31200 Heavy Equipment Operator \$ 16.22
 31260 Parking and Lot Attendant \$ 6.98
 31290 Shuttle Bus Driver \$ 9.01
 31300 Taxi Driver \$ 8.50
 31361 Truckdriver, Light Truck \$ 9.01
 31362 Truckdriver, Medium Truck \$ 9.42
 31363 Truckdriver, Heavy Truck \$ 10.50
 36364 Truckdriver, Tractor-Trailer \$ 10.50

MISCELLANEOUS:

99020 Animal Caretaker \$ 7.00
 99030 Cashier \$ 5.93
 99040 Child Care Center Clerk \$ 7.91
 99050 Desk Clerk \$ 7.00
 99260 Instructor \$ 15.23
 99300 Lifeguard \$ 5.36
 99350 Park Attendant (Aide) \$ 6.73

99400 Photofinishing Worker (Photo Lab / Dark Room Technician)	\$ 6.01
99500 Recreation Specialist	\$ 13.04
99510 Recycling Worker	\$ 7.41
99610 Sales Clerk	\$ 5.36
99630 Sports Official	\$ 5.36
99658 Survey Party Chief	\$ 7.85
99659 Surveying Technician	\$ 7.50
99660 Surveying Aide	\$ 4.91
99690 Swimming Pool Operator	\$ 8.68
99720 Vending Machine Attendant	\$ 7.41
99730 Vending Machine Repairer	\$ 8.68
99740 Vending Machine Repairer Helper	\$ 7.41

**** Fringe Benefits Required For All Occupations Included In This Wage Determination ****

HEALTH & WELFARE: \$0.90 per hour or \$36.00 per week or \$156.00 per month.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 8 years; 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with predecessor contractors in the performance of similar work at the same Federal facility. (See 29 CFR 4.173)

HOLIDAYS: Minimum of ten paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

1/

Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See 29 CFR 4.156)

2/

APPLICABLE TO WEATHER OBSERVERS ONLY - NIGHT PAY & SUNDAY PAY: If you work at night as a part of a regular tour of duty, you will earn a NIGHT DIFFERENTIAL and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employee (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by

the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$4.25 per week (or \$.85 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

**** NOTES APPLYING TO THIS WAGE DETERMINATION ****

Source of Occupational Titles and Descriptions:

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations," Fourth Edition, January 1993, as amended by the Second Supplement, dated August 1995, unless otherwise indicated. This publication may be obtained from the Superintendent of Documents, at 202-783-3238, or by writing to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Copies of specific job descriptions may also be obtained from the appropriate contracting officer.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE
{Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the

commencement date of the contract. {See Section 4.6 (C)(vi)}
When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.
- 5) The contracting officer transmits the Wage and Hour decision to the contractor.
- 6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

EXHIBIT E - REPORTING REQUIREMENTS

A. Safety and Health Plan -- Within 30 calendar days after the effective date of the contract, the Contractor shall submit a detailed safety and health plan showing how the Contractor intends to protect the life, health, and well being of NASA and Contractor employees as well as property and equipment. This plan, as approved by the Contracting Officer, should contain, as a minimum the following:

1. **Points of Contact and Responsibility**--Organizational flow chart and description of responsibilities of each employee in your organization for safety.
2. **Employee Safety Training, Certification and Programs**--Detailed information on type of training required, parties responsible for certification, and outline of applicable regulations. Detail company programs which emphasize personal safety and motivate employees to be safety conscious.
3. **LaRC Safety Policies/Procedures**--Recognition of applicable LaRC safety policies and procedures such as Langley Handbook 1710.10, LaRC Red Tag System.
4. **Accident Investigation and Reporting**--Procedures for investigating and reporting accidents/incidents including immediate notification to the NASA LaRC Safety Manager of all injuries and damage to equipment or facilities.
5. **Hazardous Operations**--
 - (a) Description of hazardous operations involved in contract performance.
 - (b) Plans for apprising employees of all hazards to which they may be exposed.
 - (c) Proper conditions and precautions for safe use and exposure to hazardous operations. Include recognition of LHB 1710.12, Potentially Hazardous Materials.
6. **People with Disabilities**--In accordance with the Americans with Disabilities Act, the plans should specify that prior to assigning a person with disabilities to this contract, the Contractor shall contact the Disability Program Manager at (804) 864-7718.
7. **Other Safety Considerations**--Any other safety considerations unique to your operation, including environmental considerations.

B. Response to LaRC Notice of Violation (Safety) - The Contractor shall submit a written response to any LaRC Notice of Violation (Safety) within the time frame specified on the Notice.

C. Monthly Progress Report -- The Contractor shall submit a monthly progress report summarizing work progress, manpower utilization for assigned work orders, and material expenditures. This report shall be submitted within 10 days following the end of the reporting period.

D. Quarterly Equipment Report -- The Contractor shall submit a Quarterly Government-furnished Equipment Report summarizing maintenance/calibration performed on the equipment.

E. Quarterly Accident/Injury Report -- The Contractor shall submit a Quarterly Accident/Injury Report within 10 days after the end of each quarter.

F. Conformable Wage Rate Agreement -- Within 15 days after the effective date of the contract, the Contractor shall submit a report confirming conformable wage rate agreement as this subject is addressed in the clause entitled "Service Contract Act of 1965," for those individuals employed by the Contractor who are covered by the Service Contract Act, but are not listed in Exhibit D.

G. Federal Contractor Veterans Employment Report -- In compliance with Clause 52.222-37, Employment Reports on Special Disabled Veterans and Veterans of the Vietnam Era, the Contractor shall submit the Federal Contractor Veterans Employment Reports (VETS-100) as required by this clause.

H. Evidence of Insurance -- The Contractor shall submit evidence of the insurance coverage, required by the NASA Clause 18-52.228-75 entitled "Minimum Insurance Coverage" (i.e., a Certificate of Insurance or other confirmation), to the Contracting Officer prior to performing under this contract. In the event the Government exercises its options to extend the term of the contract, the Contractor shall also present such evidence to the Contracting Officer prior to commencement of performance under the extension.

I. Work Schedule -- The Contractor's work schedule shall indicate the proposed date of accomplishment of all required services by parcel number. The schedule shall list the type of work to be performed, the areas to be worked and the estimated time to complete the work in each area. The initial work schedule, for the base period of the contract, shall be submitted to the Contracting Officer for approval within 15 days after contract award. The work schedule for each option period shall be submitted within 15 days after the option is exercised.

J. Equipment List -- The Contractor shall submit a list of the equipment to be furnished subject to an on-site inspection 15 days after award. The equipment must be approved by the Contracting Officer prior to commencing work on the contract. An updated list of equipment available at the work site must be submitted five days prior to the next scheduled monthly service. This list should indicate current equipment, any additional equipment being added or removed from the site, condition of equipment, equipment under repair (estimated date of return to service), and any other pertinent information requested by the Contracting Officer. The Contracting Officer reserves the right to field verify the equipment.

K. Monthly Service Plan -- The Contractor shall be responsible for preparing a Monthly Service Plan in a format that is acceptable to the Contracting Officer for the Firm Fixed Price and Indefinite Quantity portion of this contract. The Service Plan is to list, by week, all the requirements and locations (by bldg/area) of work scheduled for accomplishment during the next month and identify all work ordered under the Indefinite Quantity portion of the contract. The Schedule shall identify indefinite quantity work by delivery order or job order number and title and indicate the schedule start and completion dates. Grass mowing shall be performed on or about the same day of the week, and shall be evenly spaced over the month in order to accomplish the number of cuttings specified per month in exhibit JB-1. Edging, trimming, raking, etc., shall be performed on or about the same day of each month. If frequencies are more than once a month, then the occurrences shall be equally spaced over the month in order to accomplish the number specified per month in exhibit JB-1. The Contractor shall also be responsible for adjusting his work schedule to meet special requirements of ceremonies. The Contractor shall submit a copy of the Monthly Service Plan to the Contracting officer for approval. The first Monthly Service Plan will be due 10 days after award, and prior to commencing work, and will reflect

the work requirements for the entire calendar month. Subsequent Monthly Service Plans will be submitted 5 days prior to the next monthly work cycle. The plans shall firmly represent all the work the Contractor intends to accomplish in the coming month under the Fixed Price and Indefinite Quantity portions of the contract. Deviation from the work plan is permissible only due to inclement weather, local conditions that govern growth rate of the vegetation, convenience of the Government, or by approval of the Contracting Officer. For all unscheduled work, the Contractor shall obtain Contracting Officer approval. The Contracting Officer will utilize the Monthly Service Plan as one of the methods of monitoring the Contractor's progress and quality of work.

L. Daily Reports -- The Contractor shall submit by 8:00 A.M., a daily report detailing all completed work from the day before. The report shall include the type of service, quantity of work completed, and any other reasonable information as required by the COTR. The Contractor shall submit for approval by the Contracting Officer a sample report within 15 days after award and prior to commencing work.

M. Monthly Grounds Maintenance Report -- On or before the first working day of each month, the Contractor shall submit to the COTR a detailed "Grounds Maintenance Report". This report shall list all the grounds maintenance deficiencies as identified by on-site field inspection by the Contractor. The report shall include exact location of each deficiency and as a minimum such conditions as follows:

- (1) Diseased plants, with disease and cure identified.
- (2) Dead or dying plants requiring replacement.
- (3) Plants infested with insects, with insects and cure identified.
- (4) Plant beds requiring edging, mulching or cultivation.
- (5) Damaged plants, dieback or overgrown shrubs that require pruning.
- (6) Trees requiring pruning or limb removal.
- (7) Unsightly conditions such as vine removal, overgrown vegetation and anything else that detracts from an overall neat appearance.

N. Contract Discrepancy Report -- The Contracting Officer may send a "Contract Discrepancy Report" to the contractor listing deficiencies in the Contractor's work. The contractor shall inform the Contracting Officer in writing, within three(3) calendar days of receipt of the report, of the action the contractor proposes to take to remedy the deficiencies, and of the measures the contractor plans to adopt to insure that similar deficiencies will not reoccur in the future.

O. Performance Evaluation Responses -- The Government may, at its discretion, prepare evaluation reports on the Contractor's performance. The contractor may be periodically requested to comment on these reports in writing.

P. Reports Distribution

Unless otherwise specified elsewhere in this contract, reports and other documentation shall be submitted F.O.B. destination as specified below, addressed as follows:

National Aeronautics and Space Administration
Langley Research Center
Attn: David H. Jones, Mail Stop 126
Contract NAS1-97117
Hampton, VA 23681-0001

The following letter codes designate the recipients of reports and other documentation which are required to be delivered prepaid to Langley Research Center by the Contractor:

A--Contract Specialist, Mail Stop 126

B--Contracting Officer Technical Representative, Mail Stop 164E

C--Safety Manager, Mail Stop 429

D--Industry Relations Office, Mail Stop 144

The following are the distribution requirements for reports and other documentation required with the numeral following the letter code specifying the number of copies to be provided:

<u>DOCUMENT</u>	<u>LETTER CODE AND DISTRIBUTION</u>
Safety and Health Plan	A-1, B-1, C-1
Response to LaRC Notice of Violation (Safety)	A-1, B-1, C-1
Monthly Progress Report	A-1, B-3
Quarterly Equipment Report	A-1, B-3
Quarterly Accident/Injury Report	A-1, B-1, C-1
Conformable Wage Rate Agreement	A-1, B-1, D-1
Federal Contractor Veterans Employment Report (VETS-100)	D-1
Work Schedule	A-1, B-3
Equipment List	A-1, B-3
Monthly Service Plan	B-3
Daily Report	B-1
Monthly Grounds Maintenance Report	B-3
Contract Discrepancy Report	A-1, B-3
Performance Evaluations	A-1, B-1

When the Contract Administrator (A) is not designated above to receive a copy of a report or document, the Contractor shall furnish a copy of the report/document transmittal letter to the Contract Administrator